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University of Alaska  
**Board of Regents’ Meeting**  
**September 26-27, 2013**  
UAS Recreation Center, University of Alaska Southeast  
Juneau, Alaska

**MEETING SCHEDULE AND ACTIVITIES**

*Times for board meetings are subject to modifications within the September 26-27, 2013 time frame.*

**Thursday, September 26, 2013**

8:00 a.m. – 8:30 a.m. The **Full Board** will meet in Room 116 and hear the President’s and Governance Reports.

8:30 a.m. – 9:30 a.m. The **Full Board** will hear **public testimony**. The board chair will announce when public testimony is closed.

9:30 a.m. – 11:00 a.m. The **Full Board** will discuss the Strategic Direction Initiative effect statements, leadership development and budget guidance.

11:00 a.m. – 3:00 p.m. The **Full Board** will hear reports on budgets and consider action items. A working **lunch** will be provided to regents and executive staff.

3:00 p.m. – 5:00 p.m. **Academic and Student Affairs Committee** will meet in Room 116.

3:00 p.m. – 5:00 p.m. **Facilities and Land Management Committee** will meet in Room 115.

5:30 p.m. – 7:00 p.m. Board members and staff will attend a **reception** at the UAS Technical Education Center.

**Friday, September 27, 2013**

7:30 a.m. – 9:00 a.m. **Audit Committee** will meet in Room 116.

9:00 a.m. – 10:00 a.m. The **Full Board** will hear **public testimony**. The board chair will announce when public testimony is closed.

10:00 a.m. – 11:30 a.m. The **Full Board** will hear reports and consider action items.
11:30 a.m. – 12:30 p.m. The Full Board will hear a presentation from the University of Alaska Southeast on learning innovations and partnership activities. A working lunch will be provided to regents and executive staff.

12:30 p.m. – 1:30 p.m. The Full Board will meet in executive session.

1:30 p.m. – 3:30 p.m. The Full Board will consider action items and hear reports.

3:30 p.m. Adjourn

To contact members of the Board of Regents or participating staff during the meeting, please call (907) 450-8000 or email sybor@alaska.edu.
I. Call to Order [Scheduled for 8:00 a.m.]

II. Adoption of Agenda

MOTION

"The Board of Regents adopts the agenda as presented.

I. Call to Order
II. Adoption of Agenda
III. Approval of Minutes
IV. President’s Report
V. Governance Report
VI. Public Testimony
VII. Discussion regarding Strategic Direction Initiative Effect Statements, Leadership Development and Budget Guidance
VIII. First Review of FY15 Operating Budget Request
IX. First Review of FY15 Capital Budget Request and 10-Year Capital Improvement Plan
X. Discussion regarding Tuition Rates for Academic Year 2015
XI. Approval of Differential Tuition at the University of Alaska Fairbanks’ School of Management
XII. Authorization for the Board of Regents’ Academic and Student Affairs Committee to Approve Mission Area Analysis and Statement of Need Documents for the Program Resource Planning Process
XIII. Human Resources Report
XIV. Planning and Development Issues
A. Development Report
B. UA Foundation Report
XV. Labor Relations Report
XVI. Approval of Academic Degree Recipients
XVII. Approval of Revision to Regents’ Policy 05.01.030.B. – Transfers and Budget Augmentations
XVIII. Authorization to Sign a Joint Rescission Agreement and to Sign and to File a Joint Motion for Relief from Judgment with the Superior Court
XIX. Approval of Revision to the April 2014 Meeting Dates
XX. Consent Agenda

A. Academic and Student Affairs Committee
   1. Approval of an Associate of Applied Science Physical Therapy Assistant Program at the University of Alaska Anchorage
   2. Approval of an Associate of Science at the University of Alaska Southeast
   3. Approval of Revisions to Regents’ Policy 05.10.050 – Nonresident Tuition Surcharge
   4. Approval of Revisions to Regents’ Policy 10.05.010 – Enrollment and Admission Requirements
   5. Approval of Revisions to Regents’ Policy 10.05.030 – Residency Requirements

B. Audit Committee
   1. Approval of Revisions to Regents’ Policy 05.07.040 – University of Alaska Postsecondary Education Savings Program: Introduction and Regents’ Policy 05.07.042 – Trust Responsibilities
   2. Approval of the Education Trust of Alaska Governance and Investment Policy
   3. Approval of Regents’ Policy 05.02.090 - Financial Fraud, Waste and Abuse
   4. Acceptance of the University of Alaska Foundation FY14 Operating Budget

C. Facilities and Land Management Committee
   1. Approval of the University of Alaska Anchorage Campus Master Plan 2013
   2. Project Change Request for the University of Alaska Anchorage Engineering and Industry Building
   3. Approval of the Campus Master Plan Amendment for the University of Alaska Fairbanks Campuswide Solar Array Installation
   4. Formal Project Approval for the University of Alaska Fairbanks Elvey Building Deferred Maintenance
   5. Schematic Design Approval for the University of Alaska Fairbanks West Ridge Animal Quarters Facility Relocation
   6. Project Change Request for the University of Alaska Fairbanks Atkinson Power Plant Renewal Phase 3
   7. Debt Approval for the University of Alaska Fairbanks Engineering Facility
   8. Project Change Request for the University of Alaska Fairbanks Engineering Facility
   9. Project Change Request for the University of Alaska Fairbanks Utilities Critical Electrical Distribution Renewal Phase 2
XXI. New Business and Committee Reports
   A. Academic and Student Affairs Committee
   B. Audit Committee
   C. Facilities and Land Management Committee

XXII. Presentation on Learning Innovations and Partnerships at the University of Alaska Southeast

XXIII. Executive Session

XXIV. Approval of Honorary Degrees and Meritorious Service Awards for Spring 2014 and Beyond

XXV. Alaska Commission on Postsecondary Education Report

XXVI. UA Athletics Report

XXVII. Future Agenda Items

XXVIII. Board of Regents' Comments

XXIX. Adjourn

This motion is effective September 26, 2013.

III. Approval of Minutes

MOTION
"The Board of Regents approves the minutes of its special meeting of June 5, 2013 as presented. This motion is effective September 26, 2013."

MOTION
"The Board of Regents approves the minutes of its regular meeting of June 6-7, 2013 as presented. This motion is effective September 26, 2013."

MOTION
"The Board of Regents approves the minutes of its emergency meeting of July 10, 2013 as presented. This motion is effective September 26, 2013."

IV. President’s Report

President Gamble will update the board on issues of importance.

V. Governance Report  [Scheduled for 8:15 a.m.]

Representatives from the Staff Alliance, Faculty Alliance and Coalition of Student Leaders will report on issues of importance to the faculty, staff and students at the University of Alaska.

Monique Musick, Staff Alliance Vice Chair, Acting Interim Chair
Robert Boeckmann, Faculty Alliance Chair
Shauna Thornton, Coalition of Student Leaders Speaker
VI. Public Testimony

Public testimony will be heard at approximately 8:30 a.m. Comments are limited to three minutes per individual. Written comments are accepted and will be distributed to the Board of Regents and President Gamble by the Board of Regents’ Officer following the meeting. The chair will determine when public testimony is closed.

VII. Discussion regarding Strategic Direction Initiative Effect Statements, Leadership Development and Budget Guidance

President Gamble and Vice President Thomas will discuss Strategic Direction Initiative effect statements and Paula Donson, associate vice president of academic affairs and strategic direction, will report on the progress of leadership development incorporating these topics into a budget guidance discussion.

VIII. First Review of FY15 Operating Budget Request

POLICY CITATION
Regents’ Policy 05.01.01.A. – Budget Policy states: "The budget of the university represents an annual operating plan stated in fiscal terms. All budgetary requests shall be adopted by the board prior to submittal to the Office of the Governor or the legislature."

RATIONALE/RECOMMENDATION
President Gamble and Associate Vice President Rizk will lead a discussion on UA's Proposed FY15 Operating Budget.

The operating budget discussion at the Board of Regents’ meeting will provide regents with the status of UA’s current operating budget, UA’s proposed FY15 operating budget and the impact of the high demand program requests on student outcomes and measures. Administration is seeking Board of Regents’ feedback on key priorities and anticipates the board will have questions.

The proposed FY15 operating budget will include the necessary resources to cover adjusted base increases (e.g. contractual and fixed cost increases) plus high demand program requests that support the Strategic Direction Initiative (SDI) as UA progresses into the final phase of SDI.

IX. First Review of FY15 Capital Budget Request and 10-Year Capital Improvement Plan

POLICY CITATION
Regents’ Policy 05.01.01.A. – Budget Policy states: "The budget of the university represents an annual operating plan stated in fiscal terms. All budgetary requests..."
shall be adopted by the board prior to submittal to the Office of the Governor or the legislature."

RATIONALE/RECOMMENDATION
Associate Vice President Rizk and Chief Facilities Officer Duke will present the FY15 Proposed Capital Budget Request and 10-year Capital Improvement Plan.

The capital budget presents the top priority projects for FY15 and the short-, mid-, and long-term capital improvement goals of the university. The recommended request includes the highest priority needs required to continue the sustainment funding plan for University of Alaska facilities. Funding requests include deferred maintenance, funding to complete the UA Engineering Buildings, and a funding request for the UAF Cogen Heat and Power Plant replacement. Funding is also requested to support research important to Alaska.

The goal of the Board of Regents’ University of Alaska FY15-FY24 Capital Improvement Plan is to guide decision making that ensures the necessary facilities, equipment, and infrastructure are in place to support the direction of the university system as prescribed in the UA Academic Master Plan and in alignment with the Strategic Direction Initiative. This extended capital forecast also allows for consideration of the associated annual operating costs that may be incurred.

X. Discussion regarding Tuition Rates for Academic Year 2015

President Gamble, Vice President Thomas and Associate Vice President Oba will facilitate a discussion on tuition rates for academic year 2015 (fall 2014, spring 2015).

XI. Approval of Differential Tuition at the University of Alaska Fairbanks’ School of Management

The president recommends that:

MOTION
"The Board of Regents approves a special tuition surcharge for the University of Alaska Fairbanks' School of Management upper division undergraduate and graduate courses. The differential will be 25 percent over regular tuition, incremented in two years with annual increases at 10 and 15 percent starting with AY15. Twenty percent of funds raised will go for need-based scholarships. This motion is effective September 26, 2013."

POLICY CITATION
Regents' Policy 05.10.030 - Authority to Set Tuition Rates, states: "Tuition rates may vary among lower division, upper division, and graduate courses; central urban campuses, community colleges, and extended community campuses and
other sites; residents and nonresidents; distance and on-site delivery, and different programs or courses."

RATIONALE/RECOMMENDATION
Differential tuition for business schools is now widespread and necessary due to the high costs of the faculty needed to sustain programs and where graduates have significantly greater employment opportunities at salaries much higher than the average university student. This model is common across the United States as business schools seek to maintain high-quality high-cost programs. Mark Herrmann, dean of the UAF School of Management, will present information and answer any questions the board may have regarding this proposal as outlined in Reference 3.

XII. Authorization for the Board of Regents’ Academic and Student Affairs Committee to Approve Mission Area Analysis and Statement of Need Documents for the Program Resource Planning Process

The president recommends that:

MOTION
“The Board of Regents authorizes the Academic and Student Affairs Committee to approve Mission Area Analysis and Statement of Need documents for the program resource planning process. This motion is effective September 26, 2013.”

BYLAW CITATION
Board of Regents’ BL07.A states: “The committees of the board will study problems in the areas assigned to them and advise the board as to appropriate policy changes and action. Each committee will keep informed with respect to the manner in which the policies of the board are being administered in its assigned area. Unless otherwise specifically directed by action of the board, all committees will be advisory to the board. Committees will be established and eliminated by the board chair. Decisions of committees may be overruled by action of the board.”

RATIONALE AND RECOMMENDATION
In accordance with Board of Regents’ BL07.A, all committees unless otherwise specifically directed by action of the board, will be advisory to the board. This delegation to the Academic and Student Affairs Committee provides the necessary board authorization for the administration to proceed with evaluating and developing capital investments based on data-supported recommendations for creation or expansion of existing academic, research and student support programs as noted in the program resource planning process (Reference 5).
If the board grants authorization to the Academic and Student Affairs Committee to approve mission area analysis (MAA) and statement of need (SON) documents, it is also retroactively approving the MAA/SON presentation on West Ridge Revitalization at the University of Alaska Fairbanks from the April 2013 meeting and the MAA/SON presentation on Emergency Services Training, Education, and Emergency Management Facility at the University of Alaska Fairbanks from the June 2013 meeting.

Kit Duke, associate vice president of facilities and land management, will answer any questions regarding the MAA and SON.

**Friday, September 27, 2013**

VI. Public Testimony (cont’d)  

Public testimony will be heard at approximately 9:00 a.m. Comments are limited to three minutes per individual. Written comments are accepted and will be distributed to the Board of Regents and President Gamble by the Board of Regents’ Officer following the meeting. The chair will determine when public testimony is closed.

XIII. Human Resources Report  

Michelle Rizk, former interim chief human resources officer, will update the board regarding human resources issues.

XIV. Planning and Development Issues  

A. Development Report

Vice President Beam will update the board on development activities at the University of Alaska.

B. UA Foundation Report

Vice President Beam, in her capacity as UA Foundation President, will update the board on projects and activities of the UA Foundation Board of Trustees.

XV. Labor Relations Report  

Donald Smith, executive director for labor and employee relations, will update the board regarding labor relations issues.
XVI. **Approval of Academic Degree Recipients**

The president recommends that:

**MOTION**

“The Board of Regents approves the list of degree recipients for the summer and fall of 2012 and the spring of 2013. This motion is effective September 27, 2013.”

**POLICY CITATION**

Regents’ Policy 10.03.010.B. states: “The official lists of degree and certificate recipients will be established by the chancellors immediately after the official closing date of each term. The combined lists for the spring and preceding fall and summer terms will be transmitted by the president to the board after the spring session. This official list of degree and certificate recipients will be presented to the board for their approval at the next regularly scheduled meeting.”

XVII. **Approval of Revision to Regents’ Policy 05.01.030.B. – Transfers and Budget Augmentations**

**MOTION**

“The Board of Regents approves the revision to Regents’ Policy 05.01.030.B. – Transfers and Budget Augmentations as presented. This motion is effective September 27, 2013.”

**RATIONALE AND RECOMMENDATION**

President Gamble intends to re-designate certain officer positions as “senior administrators” under the authority of Regents’ Policy 02.01.020.D. - Duties of University President; Organization Plan; Officers and Other Personnel. The “officer” designation will continue for the positions described in Regents’ Policy Chapter 02.02 – Officers of the University. Other positions that were previously designated as “executive officers” will be re-designated as “senior administrators” to more accurately reflect roles and responsibilities of the positions. Implementation of this change involves a minor correction to the term “executive job group” in Regents’ Policy 05.01.030.B.

XVIII. **Authorization to Sign a Joint Rescission Agreement and to Sign and to File a Joint Motion for Relief from Judgment with the Superior Court**

The president recommends that:

**MOTION**

“The Board of Regents authorizes the president of the University of Alaska to sign a rescission agreement with Alaska Pacific University to rescind certain land restrictions and to join Alaska Pacific University’s Motion to Rescind the 1998 Agreement of the Parties and Final Judgment in the case of University of Alaska vs. Alaska Pacific University, Case No. 97-7779 Civ. This motion is effective September 27, 2013.”
ALASKA STATUE AND POLICY CITATIONS
The Board of Regents has the duty and authority to manage real property interests under AS 14.40.250. This statute provides, in relevant part, that the "Board of Regents may receive, manage, and invest money or other real, personal or mixed property for the purpose of the University of Alaska, its improvement, or adornment, or the aid or advantage of the students or faculty, and, in general, may act as trustee on behalf of the University of Alaska for any of these purposes."

Also Regents’ Policy 05.11.060.A, provides in part that university officials, without authorization, may not “commit the university or the board to any transactions, terms, conditions, or diminution of an interest in real property.”

RATIONALE AND RECOMMENDATION
In 1955 and in 1964, Alaska Pacific University (APU), then known as Alaska Methodist University, acquired federal land under several patents, Patent 1150278 dated March 4, 1955 and reissued as corrective Patent 1188433 on November 28, 1958 and Patents No. 50-64-0186 and No. 50-64-0187 issued in 1964. The federal government granted these patents under the authority of the Recreational and Public Purposes Act (43 USC sec. 869).

The Federal Bureau of Land Management managed the land transactions and each patent contained provisions that restricted Alaska Pacific University’s ability to use the land or to transfer the land. The patents limited the use of the land for “college purposes” only unless the Secretary of Interior authorized a different use. Under the 1958 patent, Patent No. 1188433, the land use restrictions lasted for 25 years and any violation could have resulted in the land reverting to the United States. Under the 1964 patents, Patent Nos. 50-64-0186 and 50-64-0187, the restrictions and the reverter last in perpetuity.

In the early 1970s, the University of Alaska and Alaska Pacific University began considering several joint transactions. In one of these transactions, Alaska Pacific University sold approximately 197.5 acres to the University of Alaska. These 197.5 acres originally were transferred to Alaska Pacific University under the 1964 federal patents. The parties signed an Amended Memorandum of Understanding on March 11, 1972 concerning this land transfer (Reference 9). In addition, in Section 4 of the Agreement, the parties discussed the remainder of Alaska Pacific University’s land, that is, the land not sold to the University of Alaska.

Section 4 provided:

A[P]U shall dedicate in perpetuity the balance of its main Anchorage campus which it holds under the November 28, 1958 U.S. Patent No. 1150278, including both land and existing buildings and future related public purposes. The U of A has the right to enforce this dedication.
In 1979, the Department of the Interior extended the land restrictions for the land still owned by Alaska Pacific University for another 25 years or to about March 20, 2003.

In the mid-1990s, disagreements arose between the universities about Section 4 of the 1972 Amended Memorandum of Understanding and the scope and enforceability of the land restrictions in Section 4. The Board of Regents authorized a lawsuit, and in 1997, the University of Alaska sued Alaska Pacific University in a case called University of Alaska vs. Alaska Pacific University, Case No. 97-7779 Civ. Eventually the parties settled this case and entered into an Agreement of the Parties and Final Judgment (Reference 10). The court signed this judgment on September 24, 1998, and the parties recorded it.

In the agreement and final judgment, the parties described the 1972 Agreement as Alaska Pacific University’s dedication “in perpetuity the above referenced land and existing and future buildings to nonprofit education, health, recreation and conservation or related public purposes.” The parties also agreed that UA “will not unreasonably challenge land usage by APU that is in keeping with the spirit of the Bureau of Land Management language in the patents that originally conveyed the land to APU.”

At present, the land use restriction on the land Alaska Pacific University received under the 1958 patent has expired (on or about March of 2003) and the only restriction on Alaska Pacific University’s land is the restriction in Section 4 of the 1972 Amended Memorandum of Understanding and in the 1998 Judgment. However, the land restrictions pertaining to the land the University of Alaska purchased from Alaska Pacific University in 1972 continues in perpetuity.

Over the years since the lawsuit, there have been negotiations and some disagreements about these land restrictions and Alaska Pacific University’s building and financing plans. Recently the parties met to discuss the need for these restrictions. After some discussion, the presidents of the universities agreed to terminate the land use restrictions to the extent they could. The presidents of the universities propose to enter into a rescission agreement regarding Section 4 of the 1972 Amended Agreement (in substantially similar form as Reference 11) and to file a joint motion to rescind the 1998 Judgment (in substantially similar form as Reference 12).

XIX. Approval of Revision to the April 2014 Meeting Dates

MOTION
“The Board of Regents approves revising the April 2014 meeting dates to April 3-4, 2014. This motion is effective September 27, 2013.”
RATIONALE AND RECOMMENDATION
Recently the Association of Governing Boards changed the dates of the 2014 National Conference on Trusteeship. In order for board members to attend the annual conference it is suggested that the regular scheduled board meeting for April 9-10, 2014 in Kodiak be revised to April 3-4, 2014 in Kodiak.

XX. Consent Agenda

MOTION
“The Board of Regents approves the consent agenda as presented. This motion is effective September 27, 2013.”

A. Academic and Student Affairs Committee

1. Approval of an Associate of Applied Science Physical Therapy Assistant Program at the University of Alaska Anchorage

MOTION
“The Board of Regents approves an Associate of Applied Science Physical Therapy Assistant program at the University of Alaska Anchorage. This motion is effective September 27, 2013.”

2. Approval of an Associate of Science at the University of Alaska Southeast

MOTION
“The Board of Regents approves an Associate of Science at the University of Alaska Southeast. This motion is effective September 27, 2013.”

3. Approval of Revisions to Regents’ Policy 05.10.050 – Nonresident Tuition Surcharge

MOTION
“The Board of Regents approves revisions to Regents’ Policy 05.10.050 – Nonresident Tuition Surcharge as presented. This motion is effective September 27, 2013.”

4. Approval of Revisions to Regents’ Policy 10.05.010 – Enrollment and Admission Requirements

MOTION
“The Board of Regents approves revisions to Regents’ Policy 10.05.010 – Enrollment and Admission Requirements as presented. This motion is effective September 27, 2013.”
5. Approval of Revisions to Regents’ Policy 10.05.030 - Residency Requirements

MOTION
“The Board of Regents approves revisions to Regents’ Policy 10.05.030 - Residency Requirements as presented. This motion is effective September 27, 2013.”

B. Audit Committee

1. Approval of Revisions to Regents’ Policy 05.07.040 – University of Alaska Postsecondary Education Savings Program: Introduction and Regents’ Policy 05.07.042 – Trust Responsibilities

MOTION
“The Board of Regents approves revisions to Regents’ Policy 05.07.040 – University of Alaska Postsecondary Education Savings Program: Introduction and Regents’ Policy 05.07.042 – Trust Responsibilities as presented. This motion is effective September 27, 2013.”

2. Approval of the Education Trust of Alaska Governance and Investment Policy

MOTION
“The Board of Regents approves the Education Trust of Alaska Governance and Investment Policy as presented. This motion is effective September 27, 2013.”

3. Approval of Regents’ Policy 05.02.090 – Financial Fraud, Waste and Abuse

MOTION
“The Board of Regents approves Regents’ Policy P05.02.090 - Financial Fraud, Waste and Abuse as presented. This motion is effective September 27, 2013.”

4. Acceptance of the University of Alaska Foundation FY14 Operating Budget

MOTION
“The Board of Regents accepts the University of Alaska Foundation Operating Budget for FY14 as presented and approved by the Foundation’s Board of Trustees at its June 12, 2013 meeting. This motion is effective September 27, 2013.”
C. Facilities and Land Management Committee

1. Approval of the University of Alaska Anchorage Campus Master Plan 2013

   **MOTION**
   “The Board of Regents adopts the University of Alaska Anchorage Campus Master Plan 2013 as presented. This campus master plan will supersede the existing 2004 Campus Master Plan. This motion is effective September 27, 2013.”

2. Project Change Request for the University of Alaska Anchorage Engineering and Industry Building

   **MOTION**
   “The Board of Regents approves the project change request for the University of Alaska Anchorage Engineering and Industry Building project as presented in compliance with the campus master plan, and authorizes the university administration to continue with project construction adding $15.0 million in FY14 capital funding, not to exceed a total expenditure of $77.6 million. This motion is effective September 27, 2013.”

3. Approval of the Campus Master Plan Amendment for the University of Alaska Fairbanks Campuswide Solar Array Installation

   **MOTION**
   “The Board of Regents approves the University of Alaska Fairbanks Campus Master Plan Amendment for the Campuswide Solar Array Installation as presented. This amendment will be incorporated in the existing 2010 Campus Master Plan. This motion is effective September 27, 2013.”

4. Formal Project Approval for the University of Alaska Fairbanks Elvey Building Deferred Maintenance

   **MOTION**
   “The Board of Regents approves the formal project approval request for the University of Alaska Fairbanks Elvey Building Deferred Maintenance project as presented in compliance with the approved campus master plan, and authorizes the university administration to proceed through schematic design not to exceed a total project cost of $61,000,000. This motion is effective September 27, 2013.”
5. **Schematic Design Approval for the University of Alaska Fairbanks West Ridge Animal Quarters Facility Relocation** [Reference 29]

**MOTION**
“The Board of Regents approves the schematic design approval request for the University of Alaska Fairbanks West Ridge Animal Resource Facility Relocation as presented in compliance with the campus master plan, and authorizes the university administration to complete construction bid documents to bid and award a contract within the approved budget, and to proceed to completion of project construction not to exceed a total project cost of $8,300,000. This motion is effective September 27, 2013.”

6. **Project Change Request for the University of Alaska Fairbanks Atkinson Power Plant Renewal Phase 3** [Reference 30]

**MOTION**
“The Board of Regents approves the project change request decreasing the approved funding by $800,000 for the University of Alaska Fairbanks Atkinson Renewal Phase 3 project as presented in compliance with the campus master plan, and authorizes the university administration to bid and award a contract within the approved budget, and to proceed to completion of project construction not to exceed a total project cost of $1,100,000. This motion is effective September 27, 2013.”

7. **Debt Approval for the University of Alaska Fairbanks Engineering Facility** [Reference 31]

**MOTION**
“The Board of Regents (1) authorizes the chief financial officer to arrange for and execute all documents necessary to issue debt, either general revenue bonds, a bank loan, internal working capital loan or other financing arrangement in an amount not to exceed $10,000,000 for the University of Alaska Fairbanks Engineering Facility, and (2) directs the chief financial officer to execute the Internal Revenue Service notice of intent to issue reimbursement bonds so as to not preclude reimbursement from future university general revenue bonds. This motion is contingent upon the approval of the project change request for $25,000,000 for the University of Alaska Fairbanks Engineering Facility and is effective September 27, 2013.”
8. **Project Change Request for the University of Alaska Fairbanks Engineering Facility**  

**MOTION**  
“The Board of Regents approves the project change request for the University of Alaska Fairbanks Engineering Facility as presented in compliance with the campus master plan, and authorizes the university administration to continue with project construction adding $25.0 million in FY14 capital and bond funding, not to exceed a total expenditure of $75.3 million. This motion is effective September 27, 2013.”

9. **Project Change Request for the University of Alaska Fairbanks Utilities Critical Electrical Distribution Renewal Phase 2**  

**MOTION**  
“The Board of Regents approves the project change request in the amount of $3,555,000 for the University of Alaska Fairbanks Utilities Critical Electrical Distribution Renewal Phase 2 as presented in compliance with the campus master plan, and authorizes the university administration to complete construction bid documents to bid and award a contract within the approved total project cost budget of $26,250,000, and to proceed with project construction not to exceed a total phase cost of $17,880,000. This motion is effective September 27, 2013.”

XXI. **New Business and Committee Reports**

A. **Academic and Student Affairs Committee**

B. **Audit Committee**

C. **Facilities and Land Management Committee**

[Scheduled for 11:30 a.m.]

XXII. **Presentation on Learning Innovations and Partnerships at the University of Alaska Southeast**  

The University of Alaska Southeast faculty will give a presentation on learning innovations and partnership activities. Areas will include e-learning, law enforcement and the Alaska Learning Network.

E-learning presenters are Professors Dan Monteith and William Urquhart.

Law enforcement presenter is Professor Dave Sexton.

Alaska Learning Network presenters are Dean Deborah Lo and Kelly Sorensen from the Alaska Department of Education and Early Development.
XXIII. Executive Session

MOTION
"The Board of Regents goes into executive session to discuss matters the immediate knowledge of which could affect the character or reputation of a person or persons related to honorary degrees and meritorious service awards, matters that by law are required to be confidential related to NCAA Athletics and to provide legal direction regarding non-retention issues. This motion is effective September 27, 2013."

(To be announced prior to commencing executive session:)
The Board of Regents goes into executive session at _____ a.m. Alaska Time in accordance with AS 44.62.310. The session will include members of the Board of Regents, President Gamble, General Counsel Hostina, and such other university staff members as the president may designate and will last approximately _________.

(To be announced at the conclusion of executive session:)
The Board of Regents concluded an executive session at _____ a.m. Alaska Time in accordance with AS 44.62.310 to discuss matters the immediate knowledge of which could affect the character or reputation of a person or persons related to honorary degrees and meritorious service awards, matters that by law are required to be confidential related to NCAA Athletics and to provide legal direction regarding non-retention issues. The session included members of the Board of Regents, President Gamble, General Counsel Hostina, and such other university staff members as the president may designate and lasted approximately _________.

XXIV. Approval of Honorary Degrees and Meritorious Service Awards for Spring 2014 and Beyond

The president recommends that:

MOTION #1
"The Board of Regents approves the list of nominees for honorary doctoral degrees as proposed for commencement exercises in the spring of 2014 and beyond, and authorizes Chancellors Case, Rogers and Pugh to invite the approved nominees and announce their acceptance. This motion is effective September 27, 2013."

MOTION #2
"The Board of Regents approves the list of nominees for meritorious service awards as proposed. This motion is effective September 27, 2013."
POLICY CITATION
Regents’ Policy 10.03.020 states: “Honorary degrees may be conferred upon approval of the Board of Regents.”

Regents’ Policy 10.03.030 states: “Meritorious service awards may be conferred upon approval of the Board of Regents.”

RATIONALE AND RECOMMENDATION
Recommendations submitted by the University of Alaska Anchorage, University of Alaska Fairbanks, and University of Alaska Southeast for recipients of honorary degrees and meritorious service awards were sent under separate cover for Board of Regents’ review prior to the September 26-27, 2013 board meeting.

XXV. Alaska Commission on Postsecondary Education Report

A report will be given by members representing the Board of Regents on the Alaska Commission on Postsecondary Education.

XXVI. UA Athletics Report

A report will be given by Regent Enright, the Board of Regents’ representative for UA Athletics.

XXVII. Future Agenda Items

XXVIII. Board of Regents’ Comments

XXIX. Adjourn
Agenda
Board of Regents
Academic and Student Affairs Committee
Thursday, September 26, 2013; *3:00 p.m. – 5:00 p.m.
UAS Recreation Center, Room 116
University of Alaska Southeast
Juneau, Alaska

*Times for meetings are subject to modifications within the September 26-27, 2013 time frame.

Committee Members:
Michael Powers, Committee Chair
Jyotsna Heckman, Committee Vice Chair
Courtney Enright
Gloria O’Neill
Kirk Wickersham
Patricia Jacobson, Board Chair

I. Call to Order

II. Adoption of Agenda

MOTION
“The Academic and Student Affairs Committee adopts the agenda as presented.

I. Call to Order
II. Adoption of Agenda
III. Full Board Consent Agenda
   A. Approval of an Associate of Applied Science Physical Therapy Assistant Program at the University of Alaska Anchorage
   B. Approval of an Associate of Science at the University of Alaska Southeast
   C. Approval of Revisions to Regents’ Policy 05.10.050 – Nonresident Tuition Surcharge
   D. Approval of Revisions to Regents’ Policy 10.05.010 – Enrollment and Admission Requirements
   E. Approval of Revisions to Regents’ Policy 10.05.030 – Residency Requirements

IV. New Business
   A. Approval of the Mission Area Analysis and Statement of Need for the Yupiit Piciryarait Cultural Center Expansion at the University of Alaska Fairbanks Kuskokwim Campus
   B. Report on Graduate Survey Results
   C. Presentation on University of Alaska Fairbanks School of Fisheries and Ocean Sciences Project DEM BONES
V. Ongoing Issues
   A. Metrics Discussion
   B. Report on Program Review and Accreditation Status

VI. Future Agenda Items

VII. Adjourn

This motion is effective September 26, 2013.”

III. Full Board Consent Agenda

A. Approval of an Associate of Applied Science Physical Therapy Assistant Program at the University of Alaska Anchorage
   Reference 14

   The president recommends that:

   MOTION
   “The Academic and Student Affairs Committee recommends that the Board of Regents approve an Associate of Applied Science Physical Therapy Assistant program at the University of Alaska Anchorage. This motion is effective September 26, 2013.”

   POLICY CITATION
   In accordance with Regents’ Policy 10.04.020, Degree and Certificate Program Approval, all program additions, deletions, major revisions, or the offering of existing programs outside the State of Alaska, requires approval by the board.

   RATIONALE AND RECOMMENDATION
   Reference 14 contains the rationale for the approval of an Associate of Applied Science Physical Therapy Assistant program. Provost Baker will provide background information to members of the committee.

B. Approval of an Associate of Science at the University of Alaska Southeast
   Reference 15

   The president recommends that:

   MOTION
   “The Academic and Student Affairs Committee recommends that the Board of Regents approve an Associate of Science at the University of Alaska Southeast. This motion is effective September 26, 2013.”

   POLICY CITATION
   In accordance with Regents’ Policy 10.04.020, Degree and Certificate Program Approval, all program additions, deletions, major revisions, or the offering of existing programs outside the State of Alaska, requires approval by the board.
RATIONALE AND RECOMMENDATION
Reference 15 contains the rationale for the approval of a Associate of Science at the University of Alaska Southeast. Provost Caulfield will provide background information to members of the committee.

C. Approval of Revisions to Regents’ Policy 05.10.050 – Nonresident Tuition Surcharge

The president recommends that:

MOTION
“The Academic and Student Affairs Committee recommends that the Board of Regents approve revisions to Regents’ Policy 05.10.050 as presented. This motion is effective on September 26, 2013.”

RATIONALE AND RECOMMENDATION
H.R. 357 is a bill that would expand education opportunities for veterans by allowing them to attend a state-run higher education institution of their choice at the in-state tuition rate. H.R. 357 will require public schools to charge in-state tuition rates to all veterans in order for the school to be eligible to receive G.I. Bill education payments.

UA is well positioned to meet the majority of the H.R. 357 requirement.

In 2009, in anticipation of the implementation of the Post 911 GI Bill, the Board of Regents approved a policy recommendation that exempted eligible veterans (and dependents) from the non-resident surcharge. However, for UA to fully comply with H.R. 357 it will require a slight modification to the current policy – namely the removal of the following language:

“Students qualifying under this exemption must move to and remain domiciled in the State of Alaska during their course of study;”

In reviewing the current policy, several campus staff members have suggested UA also include reserve members (and eligible dependents) to the list of exemptions based on military service. Current exemptions based on military service include active duty, eligible veterans and guard members.

Associate Vice President Oba, will answer questions regarding the policy revisions presented in Reference 16.
D. **Approval of Revisions to Regents’ Policy 10.05.010 – Enrollment and Admission Requirements**  

The president recommends that:

**MOTION**  
“The Academic and Student Affairs Committee recommends the Board of Regents approve revisions to Regents’ Policy 10.05.010 as presented. This motion is effective on September 26, 2013.”

**RATIONALE AND RECOMMENDATION**  
The change is requested to avoid the confusion between course enrollment and program admission. Vice President Thomas will answer questions regarding the policy revisions presented in Reference 17.

E. **Approval of Revisions to Regents’ Policy 10.05.030 - Residency Requirements**  

The president recommends that:

**MOTION**  
“The Academic and Student Affairs Committee recommends that the Board of Regents approve revisions to Regents’ Policy 10.05.030 as presented. This motion is effective on September 26, 2013.”

**RATIONALE AND RECOMMENDATION**  
The change is requested so that residence credits are counted across the system, not just at the institution offering the program. It gives students greater flexibility in fulfilling residency requirements and allows more eLearning. Graduate programs may not have residency requirements so the policy should only apply to undergraduate programs. Vice President Thomas will answer questions regarding the policy revisions presented in Reference 18.

IV. **New Business**

A. **Approval of the Mission Area Analysis and Statement of Need for the Yupiit Piciryarait Cultural Center Expansion at the University of Alaska Fairbanks Kuskokwim Campus**

The president recommends that:

**MOTION**  
“The Academic and Student Affairs Committee approves the Mission Area Analysis and Statement of Need for the Yupiit Piciryarait Cultural Center Expansion at the University of Alaska Fairbanks Kuskokwim Campus. This motion is effective on September 26, 2013.”
Executive Dean Pinney will answer questions regarding the mission area analysis and statement of need for the Yupiit Piciryarait Cultural Center Expansion.

B. **Report on Graduate Survey Results** [Reference 20]

Vice President Thomas will provide a report on the results of the graduate survey.

C. **Presentation on University of Alaska Fairbanks School of Fisheries and Ocean Sciences Project DEM BONES** [Reference 21]

Professor Atkinson will lead a presentation on Project DEM BONES: Using dead critters to attract high school students to college level science.

V. **Ongoing Issues**

A. **Metrics Discussion** [Reference 22]

Associate Vice President Gruenig will lead a discussion on metrics.

B. **Report on Program Review and Accreditation Status** [References 23, 24]

Vice President Thomas will provide a report on program review and accreditation status.

VI. **Future Agenda Items**

VII. **Adjourn**
I. Call to Order

II. Adoption of Agenda

MOTION
"The Facilities and Land Management Committee adopts the agenda as presented.

I. Call to Order

II. Adoption of Agenda

III. Full Board Consent Agenda

A. Approval of the University of Alaska Anchorage Campus Master Plan 2013

B. Project Change Request for the University of Alaska Anchorage Engineering and Industry Building

C. Approval of the Campus Master Plan Amendment for the University of Alaska Fairbanks Campuswide Solar Array Installation

D. Formal Project Approval for the University of Alaska Fairbanks Elvey Building Deferred Maintenance

E. Schematic Design Approval for the University of Alaska Fairbanks West Ridge Animal Quarters Facility Relocation

F. Project Change Request for the University of Alaska Fairbanks Atkinson Power Plant Renewal Phase 3

G. Debt Approval for the University of Alaska Fairbanks Engineering Facility

H. Project Change Request for the University of Alaska Fairbanks Engineering Facility

I. Project Change Request for the University of Alaska Fairbanks Utilities Critical Electrical Distribution Renewal Phase 2

IV. New Business

A. Project Change Request for the University of Alaska Anchorage Prince William Sound Community College Wellness Center/Campus Renewal
B. Formal Project Approval for the University of Alaska Fairbanks Campuswide Solar Array Installation

C. Formal Project Approval for University of Alaska Fairbanks Road Improvements Fairbanks Metropolitan Area Transportation System (FMATS) Street Light Conversion

V. Ongoing Issues
   A. UAA Alaska Airlines Center Information Item
   B. UAA Engineering and Industry Building Information Item
   C. UAA Public Art Selection Information Item
   D. UAF Engineering Facility Information Item
   E. UAF Margaret Murie (Life Sciences) Building Information Item
   F. UAF Combined Heat and Power Plant Replacement Information Item
   G. UAF P3 Student Dining Development Information Item
   H. UAF West Ridge Deferred Maintenance Master Plan Phase 2 Information Item
   I. Deferred Maintenance Spending Report
   J. Construction in Progress Reports
   K. IT Report

VI. Future Agenda Items

VII. Adjourn

This motion is effective September 26, 2013."

III. Full Board Consent Agenda

A. Approval of the University of Alaska Anchorage Campus Master Plan 2013

The president recommends that:

MOTION
“The Facilities and Land Management Committee recommends that the Board of Regents adopt the University of Alaska Anchorage Campus Master Plan 2013 as presented. This campus master plan will supersede the existing 2004 Campus Master Plan. This motion is effective September 26, 2013.”

POLICY CITATION
In accordance with Regents’ Policy 05.12.030, the administration will develop and present to the board for adoption, a campus master plan for each campus. The purpose of a campus master plan is to provide a framework for implementation of the academic, strategic and capital plans. When adopted by the board, the campus master plan governs the capital improvements plan and budget request for the campus, and approval of all proposed capital projects on the campus.
RATIONALE AND RECOMMENDATION
Reference 25 contains the campus master plan. Chancellor Case and Chris Turletes, associate vice chancellor for facilities and campus services, will answer any questions about the UAA Campus Master Plan 2013.

B. Project Change Request for the University of Alaska Anchorage Engineering and Industry Building

The president recommends that:

MOTION
“The Facilities and Land Management Committee recommends that the Board of Regents approve the project change request for the University of Alaska Anchorage Engineering and Industry Building project as presented in compliance with the campus master plan, and authorizes the university administration to continue with project construction adding $15.0 million in FY14 capital funding, not to exceed a total expenditure of $77.6 million. This motion is effective September 26, 2013.”

POLICY CITATION
In accordance with Regents’ Policy 05.12.047, a project change request is required when there are changes in the source of funds, increases or decreases in budget, savings to the construction budget, or material changes in program or project scope identified subsequent to schematic design approval.

Changes > $1 million will require approval by the board based on recommendations from the Facilities and Land Management Committee (F&LMC).

RATIONALE AND RECOMMENDATION
Reference 26 contains the complete project change request. Chris Turletes, associate vice chancellor for facilities services, and John Faunce, director for facilities planning and construction, will review the request with members of the committee.
C. Approval of the Campus Master Plan Amendment for the University of Alaska Fairbanks Campuswide Solar Array Installation [Reference 27]

The president recommends that:

**MOTION**

“The Facilities and Land Management Committee recommends that the Board of Regents approve the University of Alaska Fairbanks Campus Master Plan Amendment for the Campuswide Solar Array Installation as presented. This amendment will be incorporated in the existing 2010 Campus Master Plan. This motion is effective September 26, 2013.”

**POLICY CITATION**

In accordance with Regents’ Policy 05.12.030.C.3, a campus plan may be revised or amended from time to time. An amendment to accommodate a proposed specific capital project shall be considered and approved by the board prior to consideration of the proposed capital project.

**RATIONALE AND RECOMMENDATION**

Reference 27 contains the campus master plan amendment. Pat Pitney, vice chancellor for administrative services, and Scott Bell, associate vice chancellor for facilities services, will review the request with members of the committee.

D. Formal Project Approval for the University of Alaska Fairbanks Elvey Building Deferred Maintenance [Reference 28]

The president recommends that:

**MOTION**

“The Facilities and Land Management Committee recommends that the Board of Regents approve the formal project approval request for the University of Alaska Fairbanks Elvey Building Deferred Maintenance project as presented in compliance with the approved campus master plan, and authorizes the university administration to proceed through schematic design not to exceed a total project cost of $61,000,000. This motion is effective September 26, 2013.

**POLICY CITATION**

In accordance with Regents’ Policy 05.12.042, formal project approval (FPA) represents approval of the Project including the program justification and need, scope, the total project cost (TPC), and funding plan for the project. It also represents authorization to complete the development of the project through the schematic design, targeting the approved scope and budget, unless otherwise designated by the approval authority.
An FPA is required for all projects with an estimated TPC in excess of $2.5 million in order for that project’s inclusion of construction funding to be included in the university’s capital budget request, unless otherwise approved by the board.

**TPC > $4.0 million will require approval by the board based on recommendations from the Facilities and Land Management Committee (F&LMC).**

**RATIONALE AND RECOMMENDATION**
Reference 28 contains the complete formal project approval request. Pat Pitney, vice chancellor for administrative services, and Scott Bell, associate vice chancellor for facilities services, will review the request with members of the committee.

**E. Schematic Design Approval for the University of Alaska Fairbanks West Ridge Animal Quarters Facility Relocation**

The president recommends that:

**MOTION**
“The Facilities and Land Management Committee recommends that the Board of Regents approve the schematic design approval request for the University of Alaska Fairbanks West Ridge Animal Resource Facility Relocation as presented in compliance with the campus master plan, and authorizes the university administration to complete construction bid documents to bid and award a contract within the approved budget, and to proceed to completion of project construction not to exceed a total project cost of $8,300,000. This motion is effective September 26, 2013.”

**POLICY CITATION**
In accordance with Regents’ Policy 05.12.043, schematic design approval (SDA) represents approval of the location of the facility, its relationship to other facilities, the functional relationship of interior areas, the basic design including construction materials, mechanical, electrical, technology infrastructure, and telecommunications systems, and any other changes to the project since formal project approval.

**TPC > $4 million will require approval by the board based on recommendations from the Facilities and Land Management Committee (F&LMC).**

**RATIONALE AND RECOMMENDATION**
Reference 29 contains the complete schematic design approval request. Pat Pitney, vice chancellor for administrative services, and Scott Bell, associate vice chancellor for facilities services, will review the request with members of the committee.
F. Project Change Request for the University of Alaska Fairbanks Atkinson Power Plant Renewal Phase 3

The president recommends that:

MOTION
“The Facilities and Land Management Committee recommends that the Board of Regents approve the project change request decreasing the approved funding by $800,000 for the University of Alaska Fairbanks Atkinson Renewal Phase 3 project as presented in compliance with the campus master plan, and authorizes the university administration to bid and award a contract within the approved budget, and to proceed to completion of project construction not to exceed a total project cost of $1,100,000. This motion is effective September 26, 2013.”

POLICY CITATION
In accordance with Regents’ Policy 05.12.047, a project change request is required when there are changes in the source of funds, increases or decreases in budget, savings to the construction budget, or material changes in program or project scope identified subsequent to schematic design approval.

Changes > $1 million will require approval by the board based on recommendations from the Facilities and Land Management Committee (F&LMC).

RATIONALE AND RECOMMENDATION
Reference 30 contains the complete project change request. Pat Pitney, vice chancellor for administrative services, and Scott Bell, associate vice chancellor for facilities services, will review the request with members of the committee.

G. Debt Approval for the University of Alaska Fairbanks Engineering Facility

The president recommends that:

MOTION
“The Facilities and Land Management Committee recommends that the Board of Regents (1) authorize the chief financial officer to arrange for and execute all documents necessary to issue debt, either general revenue bonds, a bank loan, internal working capital loan or other financing arrangement in an amount not to exceed $10,000,000 for the University of Alaska Fairbanks Engineering Facility, and (2) directs the chief financial officer to execute the Internal Revenue Service notice of intent to issue reimbursement bonds so as
to not preclude reimbursement from future university general revenue bonds. This motion is contingent upon the approval of the project change request for $25,000,000 for the University of Alaska Fairbanks Engineering Facility and is effective September 26, 2013.”

RATIONALE AND RECOMMENDATION
Reference 31 contains the complete project change request. Ashok Roy, vice president for finance and administration, will review the request with members of the committee.

H. Project Change Request for the University of Alaska Fairbanks Engineering Facility

The president recommends that:

MOTION
“The Facilities and Land Management Committee recommends that the Board of Regents approve the project change request for the University of Alaska Fairbanks Engineering Facility as presented in compliance with the campus master plan, and authorizes the university administration to continue with project construction adding $25.0 million in FY14 capital and bond funding, not to exceed a total expenditure of $75.3 million. This motion is effective September 26, 2013.”

POLICY CITATION
In accordance with Regents’ Policy 05.12.047, a project change request is required when there are changes in the source of funds, increases or decreases in budget, savings to the construction budget, or material changes in program or project scope identified subsequent to schematic design approval.

Changes > $1 million will require approval by the board based on recommendations from the Facilities and Land Management Committee (F&LMC).

RATIONALE AND RECOMMENDATION
Reference 32 contains the complete project change request. Pat Pitney, vice chancellor for administrative services, and Scott Bell, associate vice chancellor for facilities services, will review the request with members of the committee.
I. Project Change Request for the University of Alaska Fairbanks Utilities Critical Electrical Distribution Renewal Phase 2

The president recommends that:

MOTION
“The Facilities and Land Management Committee recommends that the Board of Regents approve the project change request in the amount of $3,555,000 for the University of Alaska Fairbanks Utilities Critical Electrical Distribution Renewal Phase 2 as presented in compliance with the campus master plan, and authorizes the university administration to complete construction bid documents to bid and award a contract within the approved total project cost budget of $26,250,000, and to proceed with project construction not to exceed a total phase cost of $17,880,000. This motion is effective September 26, 2013.”

POLICY CITATION
In accordance with Regents’ Policy 05.12.047, a project change request is required when there are changes in the source of funds, increases or decreases in budget, savings to the construction budget, or material changes in program or project scope identified subsequent to schematic design approval.

Changes > $1 million will require approval by the board based on recommendations from the Facilities and Land Management Committee (F&LMC).

RATIONALE AND RECOMMENDATION
Reference 33 contains the complete project change request. Pat Pitney, vice chancellor for administrative services, and Scott Bell, associate vice chancellor for facilities services, will review the request with members of the committee.

IV. New Business

A. Project Change Request for the University of Alaska Anchorage Prince William Sound Community College Wellness Center/Campus Renewal

The president recommends that:

MOTION
“The Facilities and Land Management Committee approves the project change request increasing the approved funding in an amount not to exceed $800,000 for the University of Alaska Anchorage Prince William Sound Community College Campus Renewal and Wellness Center Renovation project as presented in compliance with the campus master plan, and
authorizes the University administration to increase total project cost from $5,000,000 to an amount not to exceed a total project cost of $5,800,000. This motion is effective September 26, 2013.”

POLICY CITATION
In accordance with Regents’ Policy 05.12.047, a project change request is required when there are changes in the source of funds, increases or decreases in budget, savings to the construction budget, or material changes in program or project scope identified subsequent to schematic design approval.

Changes with an estimated impact in excess of $0.4 million but not more than $1.0 million will require approval by the Facilities and Land Management Committee.

RATIONALE AND RECOMMENDATION
Reference 34 contains the complete project change request. John Faunce, director for facilities planning and construction, and Chris Turletes, associate vice chancellor for facilities services, will review the request with members of the committee.

B. Formal Project Approval for the University of Alaska Fairbanks Campuswide Solar Array Installation

The president recommends that:

MOTION
“The Facilities and Land Management Committee approves the formal project approval request for the University of Alaska Fairbanks Campuswide Solar Array Installation as presented in compliance with the amended campus master plan, and authorizes the university administration to proceed through schematic design. This motion is effective September 26, 2013.”

POLICY CITATION
In accordance with Regents’ Policy 05.12.042, formal project approval (FPA) represents approval of the Project including the program justification and need, scope, the total project cost (TPC), and funding plan for the project. It also represents authorization to complete the development of the project through the schematic design, targeting the approved scope and budget, unless otherwise designated by the approval authority.

An FPA is required for all projects with an estimated TPC in excess of $2.5 million in order for that project’s inclusion of construction funding to be included in the university’s capital budget request, unless otherwise approved by the board.
TPC > $2.0 million but not more than $4.0 million will require approval by the Facilities and Land Management Committee.

RATIONALE AND RECOMMENDATION
Reference 35 contains the complete formal project approval request. Pat Pitney, vice chancellor for administrative services, and Scott Bell, associate vice chancellor for facilities services, will review the request with members of the committee.

C. Formal Project Approval for University of Alaska Fairbanks Road Improvements
Fairbanks Metropolitan Area Transportation System (FMATS) Street Light Conversion

The president recommends that:

MOTION
“The Facilities and Land Management Committee approves the formal project approval request for the University of Alaska Fairbanks Roadway Improvements Fairbanks Metropolitan Area Transportation System Street Light Conversion as presented in compliance with the approved campus master plan, and authorizes the university administration to proceed through schematic design not to exceed a total project cost $2,030,983. This motion is effective September 26, 2013.”

POLICY CITATION
In accordance with Regents’ Policy 05.12.042, formal project approval (FPA) represents approval of the Project including the program justification and need, scope, the total project cost (TPC), and funding plan for the project. It also represents authorization to complete the development of the project through the schematic design, targeting the approved scope and budget, unless otherwise designated by the approval authority.

An FPA is required for all projects with an estimated TPC in excess of $2.5 million in order for that project’s inclusion of construction funding to be included in the university’s capital budget request, unless otherwise approved by the board.

TPC > $2.0 million but not more than $4.0 million will require approval by the Facilities and Land Management Committee.

RATIONALE AND RECOMMENDATION
Reference 36 contains the complete formal project approval request. Pat Pitney, vice chancellor for administrative services, and Scott Bell, associate vice chancellor for facilities services, will review the request with members of the committee.
V. **Ongoing Issues**

A. **UAA Alaska Airlines Center Information Item**

Chris Turletes, associate vice chancellor of facilities and campus services, will answer any questions about the UAA Alaska Airlines Center project. This is an information and discussion item; no action is required.

B. **UAA Engineering and Industry Building Information Item**

Chris Turletes, associate vice chancellor of facilities and campus services, will answer any questions about the UAA Engineering and Industry Building project as presented in the reference material. This is an information and discussion item; no action is required.

C. **UAA Public Art Selection Information Item**

Chris Turletes, associate vice chancellor of facilities and campus services, will answer any questions about the UAA Public Art Selection for the Conoco Phillips Integrated Science Building as presented in the reference material. This is an information and discussion item; no action is required.

D. **UAF Engineering Facility Information Item**

Scott Bell, associate vice chancellor of facilities services, will answer any questions about the UAF Engineering Facility project. This is an information and discussion item; no action is required.

E. **UAF Margaret Murie (Life Sciences) Building Information Item**

Scott Bell, associate vice chancellor of facilities services, will answer any questions about the UAF Margaret Murie (Life Sciences) Building project. This is an information and discussion item; no action is required.

F. **UAF Combined Heat and Power Plant Replacement Information Item**

Scott Bell, associate vice chancellor of facilities services, will answer any questions about the UAF Combined Heat and Power Plant Replacement project. This is an information and discussion item; no action is required.
G. UAF P3 Student Dining Development Information Item

Scott Bell, associate vice chancellor of facilities services, will answer any questions about the UAF P3 Student Dining Development project. This is an information and discussion item; no action is required.

H. UAF West Ridge Deferred Maintenance Master Plan Phase 2 Information Item

Scott Bell, associate vice chancellor of facilities services, will answer any questions about the UAF West Ridge Deferred Maintenance Master Plan Phase 2 project. This is an information and discussion item; no action is required.

I. Deferred Maintenance Spending Report

Kit Duke, associate vice president of facilities and land management, will answer any questions regarding the spending report for the deferred maintenance and renewal appropriations for FY07-FY14. This is an information and discussion item; no action is required.

J. Construction in Progress Reports

Kit Duke, associate vice president of facilities and land management, and campus facilities representatives will answer questions regarding the construction in progress reports on active construction projects approved by the Board of Regents. This is an information and discussion item; no action is required.

K. IT Report

Karl Kowalski, chief technology officer, will update the committee on security issues and provide an overview of video conferencing FY08-FY14.

VI. Future Agenda Items

VII. Adjourn
Agenda
Board of Regents
Audit Committee
Friday, September 27, 2013; *7:30 a.m. – 9:00 a.m.
UAS Recreation Center, Room 116
University of Alaska Southeast
Juneau, Alaska

*Times for meetings are subject to modifications within the September 26-27, 2013 time frame.

Committee Members:
Kenneth Fisher, Committee Chair  Michael Powers
Timothy Brady  Patricia Jacobson, Board Chair

I. Call to Order

II. Adoption of Agenda

MOTION
"The Audit Committee adopts the agenda as presented.

I. Call to Order
II. Adoption of Agenda
III. Executive Session
IV. New Business
A. Discussion with External Auditors

V. Full Board Consent Agenda
A. Approval of Revisions to Regents’ Policy 05.07.040 – University of Alaska Postsecondary Education Savings Program: Introduction and Regents’ Policy 05.07.042 – Trust Responsibilities
B. Approval of the Education Trust of Alaska Governance and Investment Policy
C. Approval of Regents’ Policy 05.02.090 - Financial Fraud, Waste and Abuse
D. Acceptance of the University of Alaska Foundation FY14 Operating Budget

VI. Annual Reports
A. 2013 UA Identity Theft Prevention Program Report
B. UA Statewide Office of Audit and Consulting Services Fiscal Year 2013 Annual Report

VII. Ongoing Issues
A. Final Audit Issued

VIII. Future Agenda Items
IX. Adjourn

This motion is effective September 27, 2013."
III. Executive Session

MOTION
"The Audit Committee of the Board of Regents goes into executive session to discuss matters the immediate knowledge of which would have an adverse effect on the finances of the university related to fraud. This motion is effective September 27, 2013."

(To be announced prior to commencing executive session:)
The Audit Committee of the Board of Regents goes into executive session at _____ a.m. Alaska Time in accordance with AS 44.62.310. The session will include members of the Board of Regents, Chief Audit Executive Pittman, General Counsel Hostina, and other university staff designated by the audit chair and will last approximately __________.

(To be announced at the conclusion of executive session:)
The Audit Committee of the Board of Regents concluded an executive session at _____ a.m. Alaska Time in accordance with AS 44.62.310 to discuss matters the immediate knowledge of which would have an adverse effect on the finances of the university related to fraud. The session included members of the Board of Regents, Chief Audit Executive Pittman, General Counsel Hostina, and other university staff designated by the audit chair and lasted approximately __________.

IV. New Business

A. Discussion with External Auditors

Tammy Erickson and Pam Cleaver, engagement partners from Moss Adams, will discuss the status of the annual financial audit and the federal single audit with the committee.

V. Full Board Consent Agenda

A. Approval of Revisions to Regents’ Policy 05.07.040 – University of Alaska Postsecondary Education Savings Program: Introduction and Regents’ Policy 05.07.042 – Trust Responsibilities

The president recommends that:

MOTION
"The Audit Committee recommends that the Board of Regents approve revisions to Regents’ Policy 05.07.040 – University of Alaska Postsecondary Education Savings Program: Introduction and Regents’ Policy 05.07.042 – Trust Responsibilities as presented. This motion is effective September 27, 2013."
RATIONALE AND RECOMMENDATION
The board was informed on August 9, 2013, via a memo from Ashok Roy, vice president for finance and administration, regarding the proposed modifications to Regents’ Policies 05.07.040 and 05.07.042. Vice President Roy and Jim Lynch, associate vice president for treasury and procurement services, will answer any questions regarding the policies or the college savings program.

B. Approval of the Education Trust of Alaska Governance and Investment Policy

The president recommends that:

MOTION
"The Audit Committee recommends that the Board of Regents approve the Education Trust of Alaska Governance and Investment Policy as presented. This motion is effective September 27, 2013."

BACKGROUND
The Alaska Legislature established the Advance College Tuition Fund in 1990 and the Higher Education Savings Trust 2000. The Board of Regents was charged with the implementation and administration of these programs. On April 1, 2001, the board established the Education Trust of Alaska (Trust) as a separate entity in order to consolidate and facilitate the administration of these two programs. Since that time, the Trust has operated in accordance with the terms of the enabling statutes, the Declaration of Trust, the program’s General Conditions and its three authorized plans. However, the Trust has grown significantly in recent years and garnered national attention as one of the best programs in the country. In order to better document its governance process, a more formal structure is being proposed through this separate administrative and investment policy for the Trust and modification of the current Regents’ Policy.

The separate governance and investment policy of the Trust (Reference 50) describes and defines the roles and responsibilities as they relate to the Board of Regents, the Audit Committee, the chief financial officer, the trust administrator, the investment advisor, and the program manager; sets out the primary investment goal, the investment philosophy, the investment options to be offered by the Trust; and formalizes a conflicts of interest policy and a privacy policy.

Several changes to the current Regents’ Policies 05.07.040 and 05.07.042 regarding the college savings program as presented in Reference 49 are
also being recommended in order to be consistent with the delegations of duties identified in the separate policies of the Trust.

RATIONALE AND RECOMMENDATION
The board was informed on August 9, 2013, via a memo from Ashok Roy, vice president for finance and administration, regarding the proposed modifications to the current policies and the new policy for the Education Trust of Alaska. Vice President Roy and Jim Lynch, associate vice president for treasury and procurement services, will answer any questions regarding the policies or the college savings program.

C. Approval of Regents’ Policy 05.02.090 – Financial Fraud, Waste and Abuse

The president recommends that:

MOTION
“The Audit Committee recommends that the Board of Regents approve Regents’ Policy P05.02.090 - Financial Fraud, Waste and Abuse as presented. This motion is effective September 27, 2013.”

RATIONALE AND RECOMMENDATION
The University of Alaska does not have a high-level policy statement to communicate its intent that indicates how fraud, waste and abuse of university resources are expected to be reported. This new policy forms a best practice that aids in setting the tone and expectation for reporting incidents through established channels. The expectation of a policy that addresses fraud, waste and abuse is highlighted by the Audit Committee Charter in the Board of Regents’ Bylaws, BL07.G.3.k and G.3.m:

BL07. Committees of the Board of Regents
G. Audit Committee Charter

3. … The principal duties and responsibilities of the committee include:

k. maintaining adequate policies and procedures for addressing complaints regarding accounting controls and reports of financial fraud;

m. the development and monitoring of the university’s conflict of interest policies, principles of employee conduct, and fraud policy;…

Vice President Roy and Nichole Pittman, chief audit executive, will answer any questions regarding the policy as presented in Reference 51.
D. Acceptance of the University of Alaska Foundation FY14 Operating Budget

**MOTION**

“The Audit Committee recommends that the Board of Regents accept the University of Alaska Foundation Operating Budget for FY14 as presented and approved by the Foundation’s Board of Trustees at its June 12, 2013 meeting. This motion is effective September 27, 2013.”

**BACKGROUND**

In 2007, the foundation and the university finalized a process that clearly defined the role and responsibilities of the foundation as they relate to the university. As part of the process, the foundation established a financial plan to underwrite the costs of the foundation’s programs and operation. In an effort to foster a cooperative and transparent working relationship, the foundation’s annual operating budget, as approved by the Foundation’s Board of Trustees, is presented to the Board of Regents for the board’s acceptance.

**FY14 BOARD OF TRUSTEES APPROVED OPERATING BUDGET**

At its June 12, 2013 meeting the UA Foundation Board of Trustees approved a FY14 budget that is relatively similar to that approved for FY13.

The FY14 budget shows a slight increase in revenue, despite a decrease in institutional support and a projected reduction in administrative fees on new gifts. The increase is the result of improved investment returns which favorably impact revenue from the annual endowment administrative fee.

FY14 expenses are comparable to those in the FY13 budget. The FY13 actual expenses were considerably under budget as a result of positions that were left unfilled while foundation leadership assessed current staffing and highest priority needs going forward. The FY14 budget includes an addition of a planned giving staff member and a prospect research and management officer to fill two of those positions. These two new positions and realignment of current staff will focus attention on areas of greatest opportunity for fundraising, both at the major academic units and the foundation.

Jim Johnsen, vice chair of the UA Foundation Finance and Audit Committee, will answer any questions members of the committee may have.
VI. Annual Reports

A. 2013 UA Identity Theft Prevention Program Report [Reference 53]

Vice President Roy will review the 2013 UA Identity Theft Prevention Program Report and answer any questions members of the committee may have. This is an information item; no action is necessary.

B. UA Statewide Office of Audit and Consulting Services Fiscal Year 2013 Annual Report [Reference 54]

Nichole Pittman, chief audit executive, will review the UA Statewide Office of Audit and Consulting Services Fiscal Year 2013 Annual Report and answer any questions members of the committee may have. This is an information item; no action is necessary.

The report offers a high-level yet comprehensive view of the department’s activities for the fiscal year. It is intended to fulfill standards promulgated by the International Institute of Internal Auditors for communication to senior management and the board. The report also highlights completed audits and projects; the final status of the FY2013 annual audit plan; and a current status of the FY2014 annual audit plan. It also describes departmental goals and accomplishments by four strategic areas: audit engagements, staffing, quality assurance and outreach.

VII. Ongoing Issues

A. Final Audits Issued

Nichole Pittman, chief audit executive, will review the final audits issued since the last Audit Committee meeting and answer any questions members of the committee may have. This is an information item; no action is necessary.

VIII. Future Agenda Items

IX. Adjourn
Unofficial Minutes
Board of Regents
Special Meeting of the Full Board
June 5, 2013
Fairbanks, Alaska

Regents Present:
Patricia Jacobson, Chair
Kirk Wickersham, Vice Chair
Jyotsna Heckman, Treasurer
Dale Anderson (attended via audio)
Fuller A. Cowell
Courtney Enright (attended via audio)
Kenneth Fisher
Mary K. Hughes
Gloria O’Neill

Patrick K. Gamble, Chief Executive Officer and President, University of Alaska

Regents Absent:
Timothy Brady
Michael Powers, Secretary

Others Present:
Tom Case, Chancellor, University of Alaska Anchorage
John Pugh, Chancellor, University of Alaska Southeast
Brian Rogers, Chancellor, University of Alaska Fairbanks
Michael Hostina, General Counsel
Carla Beam, Vice President for University Relations
Ashok Roy, Vice President of Finance & Administration and Chief Financial Officer
Dana Thomas, Vice President for Academic Affairs
Kit Duke, Chief Facilities Officer & Associate Vice President, Facilities and Land Management
Karl Kowalski, Chief Information Technology Officer
Michelle Rizk, Associate Vice President, Budget & Interim Chief Human Resources Officer
Kate Ripley, Director, Public Affairs
Brandi Berg, Executive Officer, Board of Regents
Julie Benson, Coordinator, Board of Regents

I. Call to Order

Chair Jacobson called the meeting to order at 5:03 p.m. on Wednesday, June 5, 2013.
II. Adoption of Agenda

Regent Cowell moved, seconded by Regent O’Neill and passed with Regents Anderson, Cowell, Enright, Heckman, O’Neill, and Jacobson voting in favor that:

**PASSED**
“The Board of Regents adopts the agenda as presented.

I. Call to Order
II. Adoption of Agenda
III. University of Alaska Budget Discussion
IV. University of Alaska Anchorage Athletics Discussion
IV.A. Executive Session (added)
V. Adjourn

This motion is effective June 5, 2013.”

III. University of Alaska Budget Discussion

The Board of Regents, President Gamble and executive staff discussed the university budget.

IV. University of Alaska Anchorage Athletics Discussion

Chancellor Case led a discussion on University of Alaska Anchorage athletics.

IV.A. Executive Session (added)

Regent Wickersham moved, seconded by Regent Fisher and passed with Regents Anderson, Cowell, Enright, Fisher, Heckman, Hughes, O’Neill, Wickersham and Jacobson voting in favor that:

**PASSED**
“The Board of Regents goes into executive session to discuss matters that by law or Regents' Policy are required to be confidential related to University of Alaska athletics, personnel and litigation. This motion is effective June 5, 2013.”

The Board of Regents goes into executive session at 7:00 p.m. Alaska Time in accordance with the provisions of AS 44.62.310. The session will include members of the Board of Regents, President Gamble, General Counsel Hostina, and such other university staff members as the president may designate and will last approximately 30 minutes.

The Board of Regents concluded an executive session at 8:15 p.m. Alaska Time in accordance with AS 44.62.310 discussing matters that by law or Regents' Policy are required to be confidential related to University of Alaska athletics, personnel and litigation. The session included members of the Board of Regents, President Gamble, General Counsel Hostina, and other university staff members designated by the president and lasted approximately 1 hour and 15 minutes.

V. Adjourn

Chair Jacobson adjourned the meeting at 8:20 p.m. on Wednesday, June 5, 2013.
I. **Call to Order**

Chair Jacobson called the meeting to order at 8:00 a.m. on Thursday, June 6, 2013.
II. Adoption of Agenda

Regent Wickersham moved, seconded by Regent Cowell and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED AS AMENDED (amendments noted by *)

“The Board of Regents adopts the agenda as presented.

I. Call to Order
II. Adoption of Agenda
III. Approval of Minutes
IV. President’s Report
V. Governance Report
VI. Executive Session
VII. Public Testimony
VIII. Approval to Sell the Diplomacy Building
IX. Approval to Apply Proceeds from the Diplomacy Building Sale to the Bragaw Office Complex Purchase
X. Approval of Resolution to Partially Defease General Revenue Refunding Bonds 2009 Series P
XI. Approval to Purchase the Bragaw Office Complex
XII. Debt Approval for the Bragaw Office Complex
XIII. Approval to Sell the Bill Ray Center
XIV. Approval to Apply Proceeds from the Bill Ray Center Sale to the University of Alaska Southeast Freshman Residence Hall, Phase 2
XV. Debt Approval for the University of Alaska Southeast Freshman Residence Hall, Phase 2
XVI. Approval of the 2013 Edna Bay Timber Development and Disposal Plan
XVII. Presentation on Extension and Outreach at the University of Alaska Fairbanks
XVIII. Acceptance of FY14 Operating Budget Appropriation and Approval of the Distribution Plan
XIX. Acceptance of FY14 Capital Budget Appropriation and Approval of the Distribution Plan
XX. Approval of FY14 Student Government Budgets
XXI. Approval of FY14 Natural Resources Fund Budget
XXII. Approval to Modify Existing Art Acquisition Endowment for the University of Alaska Museum of the North
XXIII. Authorization to Sign a Joint Rescission Agreement and to Sign and to File a Joint Motion for Relief from Judgment with the Superior Court
XXIV. Approval of an Additional Member to the Board of Directors for Seawolf Holdings, LLC
XXV. Chancellors’ Strategic Direction Initiative Presentation
XXVI. Strategic Direction Initiative Discussion
XXVII. Approval of Revisions to Regents’ Policy 02.04.300-320 – University of Alaska Fairbanks Councils - Board of Visitors

XXVIII. Approval of Revisions to Regents’ Policy 05.10.080 – Tuition and Fee Waivers

XXIX. Approval of FY15 Operating Budget Development Guidelines

XXX. Approval of FY15 Capital Budget Development Guidelines

*XXX.A. Approval of Revisions to the Industrial Security Resolution (added)

XXXI. Consent Agenda

A. Academic and Student Affairs Committee

*1. Approval of a Bachelor of Arts in Secondary Education at the University of Alaska Fairbanks (moved to New Business XXXIII.A.1.)

2. Approval of a Master of Science in Mechanical Engineering at the University of Alaska Anchorage

3. Approval of Deletion of an Undergraduate Certificate in Practical Nursing at the University of Alaska Anchorage

4. Approval of Deletion of an Undergraduate Certificate in Industrial Welding Technology at the University of Alaska Anchorage

5. Approval of Deletion of an Undergraduate Certificate in Nondestructive Testing Technology at University of Alaska Anchorage

6. Approval of Revisions to Regents’ Policy 10.02.040 - Academic Unit Establishment, Major Revision, and Elimination

7. Approval of Revisions to Regents’ Policy 10.02.060 - Community College Establishment and Elimination

*8. Approval of Revisions to Regents’ Policy 10.03.020 – Honorary Degrees (removed from agenda)

*9. Approval of Revisions to Regents’ Policy 10.03.030 – Meritorious Service Awards (removed from agenda)

B. Audit Committee

1. Approval of Revisions to Regents’ Policy 05.03 – Internal Audit

C. Facilities and Land Management Committee

*1. Approval of the Campus Master Plan Amendment for the University of Alaska Fairbanks Campuswide Solar Array Installation (moved to New Business XXXIII.C.1.)

*2. Formal Project Approval for the University of Alaska Fairbanks Campuswide Solar Array Installation (removed from agenda)

3. Project Change Request for the University of Alaska Southeast Freshman Residence Hall, Phase 1 and 2

4. Schematic Design Approval for the University of Alaska Fairbanks Antenna Installation Alaska Satellite Facility AS311

XXXII. Tuition Setting Principle Discussion
XXXIII. New Business and Committee Reports

A. Academic and Student Affairs Committee
   *1. Approval of a Bachelor of Arts in Secondary Education at the University of Alaska Fairbanks (moved from consent agenda)

   2. Committee Report

B. Audit Committee

C. Facilities and Land Management Committee
   *1. Approval of the Campus Master Plan Amendment for the University of Alaska Fairbanks Campuswide Solar Array Installation (moved from consent agenda)

   2. Committee Report

XXXIV. Future Agenda Items

XXXV. Board of Regents' Comments

XXXVI. Adjourn

This motion is effective June 6, 2013."

III. Approval of Minutes

Regent Fisher moved, seconded by Regent Heckman and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
"The Board of Regents approves the minutes of its regular meeting of April 11-12, 2013 as presented. This motion is effective June 6, 2013."

Regent Fisher moved, seconded by Regent Cowell and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
"The Board of Regents approves the minutes of its emergency meeting of May 1, 2013 as presented. This motion is effective June 6, 2013."

IV. President's Report

President Gamble presented the “Staff Make Students Count” awards and commented on the size and content of the June agenda noting the number of business items being conducted at all levels at the university.

“Staff Make Students Count” awardees are Zlata Lokteva from the University of Alaska Anchorage, Gabrielle Hazelton from the University of Alaska Fairbanks, Abby Kosmos from the University of Alaska Southeast Ketchikan Campus, and Michael O’Brien from Statewide Administration.
V. Governance Report

Cathy Cahill, Faculty Alliance chair, thanked the board for the opportunity to provide an update; introduced Robert Boeckmann as the incoming Faculty Alliance chair; noted the relationships and increased communications amongst the faculty and statewide administration is the best it has ever been; stated faculty at all MAUs were busy this past fiscal year working together to streamline and improve disparities at the MAUs that students have encountered and applauded those faculty members who have come together to make positive changes for UA’s students.

Robert Boeckmann, incoming Faculty Alliance chair, stated he is looking forward to serving as chair and working directly with the president and the board.

Juella Sparks, Staff Alliance chair, thanked the board for the opportunity to speak; congratulated the recipients of the “Staff Make Students Count” awards; thanked the board and the president for recognizing the efforts and excellence of the awardees; summarized the alliance’s efforts over the last year which include: input on the Strategic Direction Initiative (SDI), FY14 compensation increase, proposed changes to the health care benefit and bullying in the workplace; noted this testimony is her last as chair; stated shared governance is the board’s mandate and mechanism for bringing and keeping the diversity and perspective at the forefront when making decisions affecting the university and noted shared governance is about the students and staff behind the numbers.

Shauna Thornton, Coalition of Student Leaders speaker, noted her experience as speaker this past year has been an eye-opening, amazing growth experience; thanked the administration and the board for including students at every step in the SDI process; noted SDI has provided an opportunity for students to discuss university issues and be an advocate for the university; said many students are on summer internships and stated a governance retreat will be held in August.

VI. Executive Session

Regent Cowell moved, seconded by Regent Fisher and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
“The Board of Regents goes into executive session at 8:45 a.m. Alaska Time in accordance with the provisions of AS 44.62.310 to discuss matters the immediate knowledge of which would have an effect on the finances of the university related to real estate and matters that could affect the character or reputation of a person or persons related to Seawolf Holdings, LLC board members. The session will include members of the Board of Regents, President Gamble, General Counsel Hostina, and such other university staff members as the president may designate and will last approximately 1 hour. This motion is effective June 6, 2013.”
The Board of Regents concluded an executive session at 10:00 a.m. Alaska Time in accordance with AS 44.62.310 discussing matters the immediate knowledge of which would have an effect on the finances of the university related to real estate and matters that could affect the character or reputation of a person or persons related to Seawolf Holdings, LLC board members. The session included members of the Board of Regents, President Gamble, General Counsel Hostina, and other university staff members designated by the president and lasted approximately 1 hour and 15 minutes.

VII. Public Testimony

Andrew Lessig, Union of Students of UAA president and Alaska Commission on Post Secondary Education student representative, spoke about tuition and fees and the prospect of differential tuition at the university; noted most students are against differential tuition; said it is unfair because it could deter students from pursuing certain majors based on the cost and stated the general consensus of students is tuition should be the same for all majors.

Andrew Lemish, Union of Students of UAA vice president, spoke in support of UA’s non-discrimination policy; stated UAA established a safe zone program to increase campus awareness regarding lesbian, gay and transgender students attending UAA and encouraged the board to add gender identity to the existing non-discrimination policy.

Joy Cottle, Fairbanks Fire Department (FFD) captain, spoke in support of the student firefighter program at the University Fire Department (UFD); noted she was a student in the program from 2001-2003 specifying her experience in the program effectively prepared her for the rigor and stress inherent to her profession; said her success as the first female firefighter at FFD is directly related to the outstanding training and staff members at UFD and stated the program at UAF provides outstanding service to the community and places a mark of quality on its firefighters.

Jim Dixon, UAF Alumni Association president, noted highlights of the last year included: a co-sponsored leadership lunch series, a structured job shadow program, arranging new student and parent reception, hosting an industry event providing networking opportunities for students and professionals in the community, working with administration to complete an alumni directory, advocating for the UA budget and stated the alumni association annually awards eight scholarship to UAF students.

Max Becker, UAF Police Department officer, spoke in support of the law enforcement programs at UA; shared his experience as an officer at the university; noted his opportunity to participate in the community service officers program, the UAF Community and Technical Law Enforcement Academy and stated the programs are outstanding, the instructors are top-notch, respected and provide an excellent learning opportunity for students at UA.

Alaska State Senator Pete Kelly presented a legislative citation to Michelle Rizk, associate vice president for university budget, recognized her as a Top Forty Under 40 recipient and acknowledged her effort and support to UA; noted Alaska’s FY15 budget
struggles and funding mechanisms; said Scott Goldsmith’s maximum sustainable yield research is being closely followed by state officials; stated he appreciates the budget work done by UA and looks forward to the collaborative effort in preparation for the FY15 legislative session.

Tom Moyer, Senator Begich’s congressional staff member, briefed the board on the status of the Federal Stafford Student Loan Act; noted the 3.4 percent interest rate is scheduled to double at the end of June; stated student loan debt is one trillion dollars second to mortgage loan debt and noted the average college student graduates with $26,000 in debt.

DeAnne Lincoln, UAF Rural Alaska Honors Institute (RAHI) 2010 graduate, spoke about her experience with the RAHI program; noted the program was rewarding and challenging, provided the opportunity to overcome boundaries, learn new skills, bridge the transition from village life to college life and contributed to her confidence entering her freshman year of college.

Cassandra Black, UAF Rural Alaska Honors Institute (RAHI) student, stated the 6-week summer RAHI experience will help her understand the expectations she will encounter in college; is looking forward to attending college in the fall and noted that with the support of the RAHI staff, she is very confident she will be successful with her studies.

Asa Bergamascher, UAF Rural Alaska Honors Institute (RAHI) student, said he decided to attend RAHI on the recommendations of friends; stated the experience in the first week has been amazing, noted the staff at RAHI are very enjoyable and he looks forward to learning much more during the 6-week program.

Luci Beach, introduced herself in her traditional Alaska Native language, spoke in support of secondary education; noted her encounter with Della Keats and the turning point it created in her life; stated with encouragement from Clara Johnson she decided to attend the American Indian Studies program in Arizona; declared unhappiness with the dismissal of a Fort Yukon professor and noted the importance the individual had on advising students in the area.

Callie Conerton, United Students of UAS vice president, said some of the current students in the UAF School of Management program have concerns about differential tuition and being able to complete their degree on time due to the proposed additional costs; stated some would face additional student loan debt, potential added semesters and the need to seek additional employment to pay for tuition; noted concern about the snowball effect differential tuition could have on other programs such as nursing and engineering and stated students are always concerned about tuition, interested in keeping cost down and striving to complete their degrees on time.
Jessica Dominy, United Students of UAS senate member, introduced herself in her traditional Tlingit language, spoke against differential tuition; shared written statements from concerned students; stated students are worried about completing their degrees due to the proposed cost increase; mentioned the possible snowball effect on other programs and noted Alaska Native students traditionally take an additional year to graduate and how differential tuition may affect their ability to graduate on time.

Anastasia Brease, UAF geography student, attended the Alaska Summer Research Academy (ASRA) two years in a row as a high school student and then became an ASRA volunteer, a resident assistant and program instructor; noted her experience at ASRA shaped her life personally, professionally and academically; ASRA demonstrated the incredible opportunities available at UAF and is why she chose to attend college at UAF and stated the ASRA opportunity fostered her sense of capability and her interests in science and engineering.

Jarmyn Kramlich, Coalition of Student Leaders member, stated students are interested in exploring other ideas and options regarding the differential tuition proposal; noted conversations amongst students is that a majority recognize differential tuition partially exists, e.g. resident, non-resident and graduate tuition, and stated the general consensus of students would prefer an across-the-board tuition increase rather than higher tuition for select programs.

VIII. Approval to Sell the Diplomacy Building

Regent Cowell moved, seconded by Regent O’Neill and passed with Regents Anderson, Cowell, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor and Regent Fisher voting in opposition that:

**PASSED**

“The Board of Regents approves the sale of the Diplomacy Building in Anchorage, Alaska, in accordance with the property disposal plan. This motion is effective June 6, 2013.”

POLICY CITATION

Regents’ Policy 05.11.010.B., Real Property – Purpose and Scope, states: “Except as provided in C. of this section, this policy applies to all real property owned by the university or in which the university has a substantial beneficial interest.”

Regents’ Policy 05.11.041.C., Plans and Reports for University Real Property, states: “The chief finance officer shall prepare and publish proposed disposal plans that describe university real property parcels being considered for disposal by sale, lease, exchange or transfer of interest.”

Regents’ Policy 05.11.050.C., Real Property Acquisitions - Other Real Property Acquisitions, states: “The chief finance officer shall consider acquisitions or exchanges of property adjacent to existing university real property, when such property consolidates
university real property holdings or enhances the access or development potential of other university real property. When economically feasible, and in the university’s best interests, the chief finance officer may acquire or invest in real property that will enhance the university real property portfolio.”

Regents’ Policy 05.11.060.B., Negotiation, Approval, and Execution of University Real Property Transactions, states: “The board shall approve:

1. strategic plans for the management and development of Investment Property;
2. development plans that consist of:
   a. subdivisions that will result in the development of 10 or more lots;
   b. timber sales, unless the president determines the sale will have minimal impact;
   c. material extractions that are anticipated to result in the sale of 100,000 cubic yards or more of material from a new source; or
   d. oil and gas leases and mining leases encompassing 5,000 or more acres;
3. development projects that are expected to result in disbursements of $1,000,000 or more in value;
4. real property transactions that have not been approved as part of a development plan and are expected to result in receipts or disbursements of $1,000,000 or more in value; and
5. Real property transactions that require the subordination of an interest in university real property of $1,000,000 or more in value.”

RATIONALE/RECOMMENDATION
Reference 1 contains the property disposal plan for the sale of the Diplomacy Building. Kit Duke, associate vice president of facilities and land management, answered questions regarding the plan.

IX. Approval to Apply Proceeds from the Diplomacy Building Sale to the Bragaw Office Complex Purchase

Regent O’Neill moved, seconded by Regent Heckman and passed with Regents Anderson, Cowell, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor and Regent Fisher voting in opposition that:

PASSED
“The Board of Regents approves applying the proceeds from the Diplomacy Building sale to the Bragaw Office Complex purchase, in accordance with the property acquisition plan as presented. This motion is effective June 6, 2013.”
POLICY CITATION
Regents’ Policy 05.11.010.B., Real Property – Purpose and Scope, states: “Except as provided in C. of this section, this policy applies to all real property owned by the university or in which the university has a substantial beneficial interest.”

Regents’ Policy 05.11.041.C., Plans and Reports for University Real Property, states: “The chief finance officer shall prepare and publish proposed disposal plans that describe university real property parcels being considered for disposal by sale, lease, exchange or transfer of interest.”

Regents’ Policy 05.11.050.C., Real Property Acquisitions - Other Real Property Acquisitions, states: “The chief finance officer shall consider acquisitions or exchanges of property adjacent to existing university real property, when such property consolidates university real property holdings or enhances the access or development potential of other university real property. When economically feasible, and in the university’s best interests, the chief finance officer may acquire or invest in real property that will enhance the university real property portfolio.”

Regents’ Policy 05.11.060.B., Negotiation, Approval, and Execution of University Real Property Transactions, states: “The board shall approve:

1. strategic plans for the management and development of Investment Property;
2. development plans that consist of:
   a. subdivisions that will result in the development of 10 or more lots;
   b. timber sales, unless the president determines the sale will have minimal impact;
   c. material extractions that are anticipated to result in the sale of 100,000 cubic yards or more of material from a new source; or
   d. oil and gas leases and mining leases encompassing 5,000 or more acres;
3. development projects that are expected to result in disbursements of $1,000,000 or more in value;
4. real property transactions that have not been approved as part of a development plan and are expected to result in receipts or disbursements of $1,000,000 or more in value; and
5. Real property transactions that require the subordination of an interest in university real property of $1,000,000 or more in value.”

RATIONAL/RECOMMENDATION
The board was informed on May 16, 2013, via a memo from Vice President for Finance and Administration Roy that the administration plans to sell the Diplomacy Building and purchase the Bragaw Office Complex. Dr. Roy and Kit Duke, associate vice president of facilities and land management, answered questions regarding the acquisition.
X. **Approval of Resolution to Partially Defease General Revenue Refunding Bonds 2009 Series P**

*Note for the record: Regent Anderson disclosed a conflict of interest due to his occupation as a financial advisor and he did not participate in the discussion or the voting process.*

Regent Cowell moved, seconded by Regent Powers and passed with Regents Cowell, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor and Regent Fisher voting in opposition that:

**PASSED**

“The Board of Regents adopts the bond resolution authorizing the partial defeasance of General Revenue Refunding Bonds 2009 Series P. This motion is effective June 6, 2013.”

**POLICY CITATION**

Regents’ Policy 05.04.020.A., Facilities and Real Property Improvements, states: “All facilities and other real property debt issuances must be approved by the board. The reallocation of more than $250,000 in general revenue bond proceeds between components of a general revenue bond "project" shall be approved by the board. Lesser amounts may be approved by the chief finance officer or the officer’s designee.”

**RATIONALE/RECOMMENDATION**

Dr. Ashok Roy, vice president for finance and administration, answered questions regarding the partial defeasance of General Revenue Refunding Bonds 2009 Series P.

**RESOLUTION OF THE BOARD OF REGENTS OF THE UNIVERSITY OF ALASKA AUTHORIZING THE PARTIAL DEFEASANCE OF CERTAIN OUTSTANDING GENERAL REVENUE REFUNDING BONDS, 2009 SERIES P, AND RELATED MATTERS.**

WHEREAS, the University of Alaska (the "University") is authorized pursuant to Alaska Statutes Chapter 14.40, as amended (the "Act") to issue revenue bonds to pay the cost of acquiring, constructing, or equipping one or more projects that the Board of Regents (the "Board") of the University determines is necessary; and

WHEREAS, there are now outstanding revenue bonds of the University entitled "General Revenue Refunding Bonds, 2009 Series P" (the "Outstanding Bonds"); and
WHEREAS, the Outstanding Bonds were issued under, and pursuant to, a Trust Indenture dated as of June 1, 1992, as amended, and a Thirteenth Supplemental Indenture, dated as of December 1, 2009; and

WHEREAS, after due consideration, it appears to the Board that it is advisable for the University to provide for the defeasance of a portion of the Outstanding Bonds, as further described herein.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF REGENTS OF THE UNIVERSITY OF ALASKA AS FOLLOWS:

Section 1. The President, the Vice President for Finance and Administration and Chief Financial Officer and the Controller (collectively, the "Authorized Officers") are, and each of them is, hereby authorized (but not obligated) to redeem and defease a portion of the Outstanding Bonds, in an amount not exceeding $1,850,000 principal of the Outstanding Bonds, from available funds of the University.

Section 2. The Authorized Officers are each hereby authorized to enter into an escrow agreement with the trustee for the Outstanding Bonds providing for the use and disposition of moneys, if any, and direct, non-callable obligations of the United States of America for the purpose set forth in Section 1 above.

Section 3. The Authorized Officers are each hereby authorized to execute all documents and to take any action necessary or desirable to carry out the provisions of this Resolution and to effectuate the partial defeasance of the Outstanding Bonds as set forth herein.

Section 4. This Resolution shall take effect immediately upon approval by the Board.

XI. Approval to Purchase the Bragaw Office Complex

Regent Hughes moved, seconded by Regent Powers and passed with Regents Anderson, Cowell, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor and Regent Fisher voting in opposition that:

PASSED
“The Board of Regents approves the purchase of the Bragaw Office Complex in Anchorage, Alaska, in accordance with the property acquisition plan. This motion is effective June 6, 2013.”
POLICY CITATION AND STATE STATUTE
Regents’ Policy 05.07.010.B., Land Grant Endowment, states: “The land-grant endowment trust fund is established in accordance with AS 14.40.400. The net income from the sale, lease, development or other disposition of trust land or other related resources will be deposited to the land-grant endowment trust fund as principal. Except as specifically approved by the board, the net proceeds from the sale or development of non-trust land or other related resources and the improvements thereon will be deposited as additions to the inflation-proofing fund in a manner similar to principal. Annually, effective July 1, the spending allowance for the funds, as described later in this policy, will be transferred to the operating accounts for management and maintenance of university land and to the natural resources fund for program expenditures.”

Alaska Statute Sec. 14.40.400
Fund for money from sale or lease of land granted by Act of Congress.

(a) [See editor's notes.] The Board of Regents shall establish a separate endowment trust fund in which shall be held in trust in perpetuity all
(1) net income derived from the sale or lease of the land granted under the Act of Congress approved January 21, 1929, as amended;

* . . .
* and

(3) monetary gifts, bequests, or endowments made to the University of Alaska for the purpose of the fund.

RATIONALE AND RECOMMENDATION
The board was informed on May 16, 2013, via a memo from Vice President for Finance and Administration Roy that the administration plans to sell the Diplomacy Building and purchase the Bragaw Office Complex. Dr. Roy and Kit Duke, associate vice president of facilities and land management, answered questions regarding the acquisition.

XII. Debt Approval for the Bragaw Office Complex
Regent O’Neill moved, seconded by Regent Cowell and passed with Regents Anderson, Cowell, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor and Regent Fisher voting in opposition that:

PASSED
“The Board of Regents (1) authorizes the chief financial officer to arrange for and execute all documents necessary to issue debt, either general revenue bonds, a bank loan, internal working capital loan or other financing arrangement in an amount not to exceed $21,000,000 for the Bragaw Office Complex purchase and improvements, and (2) directs the chief financial officer to execute the Internal Revenue Service notice of intent to issue reimbursement bonds so as to not preclude
reimbursement from future university general revenue bonds. This motion is contingent upon approval of the Bragaw Office Complex property acquisition and the motion to adopt the bond resolution for the partial defeasance of General Revenue Refunding Bonds 2009 Series P and is effective June 6, 2013.”

POLICY CITATION
Regents’ Policy 05.04.030, Reimbursement Bonds, states: “For each bond issue considered to be "Reimbursement Bonds" under Internal Revenue Service Regulations, the chief finance officer or the officer’s designee shall issue, on behalf of the board, a declaration of official intent to issue bonds for reimbursement of capital expenditures paid prior to the date on which the bonds will be issued. Such declaration must: contain a functional description of the property, project, or program to be financed; identify the maximum principal amount of the Reimbursement Bonds expected to be issued; be made not later than sixty (60) days after the original expenditure, except for preliminary architectural and engineering charges; contain other information and meet posting requirements or timetables which from time to time are advised by bond counsel; and be maintained as part of the records of the chief finance officer.”

RATIONALE AND RECOMMENDATION
Dr. Roy, vice president for finance and administration, answered questions regarding the debt approval.

XIII. Approval to Sell the Bill Ray Center

Regent Wickersham moved, seconded by Regent Anderson and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
“The Board of Regents approves the sale of the Bill Ray Center in Juneau, Alaska, in accordance with the property disposal plan. This motion is effective June 6, 2013.”

POLICY CITATION
Regents’ Policy 05.11.010.B., Real Property – Purpose and Scope, states: “Except as provided in C. of this section, this policy applies to all real property owned by the university or in which the university has a substantial beneficial interest.”

Regents’ Policy 05.11.041.C., Plans and Reports for University Real Property, states: “The chief finance officer shall prepare and publish proposed disposal plans that describe university real property parcels being considered for disposal by sale, lease, exchange or transfer of interest.”

Regents’ Policy 05.11.060.B., Negotiation, Approval, and Execution of University Real Property Transactions, states: “The board shall approve:
1. strategic plans for the management and development of Investment Property;
2. development plans that consist of:
   a. subdivisions that will result in the development of 10 or more lots;
   b. timber sales, unless the president determines the sale will have minimal impact;
   c. material extractions that are anticipated to result in the sale of 100,000 cubic yards or more of material from a new source; or
   d. oil and gas leases and mining leases encompassing 5,000 or more acres;
3. development projects that are expected to result in disbursements of $1,000,000 or more in value;
4. real property transactions that have not been approved as part of a development plan and are expected to result in receipts or disbursements of $1,000,000 or more in value; and
5. real property transactions that require the subordination of an interest in university real property of $1,000,000 or more in value.”

RATIONALE AND RECOMMENDATION
Reference 4 contains the property disposal plan for the Bill Ray Center. Kit Duke, associate vice president for facilities and land management, answered questions regarding the disposal plan.

XIV. Approval to Apply Proceeds from the Bill Ray Center Sale to the University of Alaska Southeast Freshman Residence Hall, Phase 2

Regent Wickersham moved, seconded by Regent Cowell and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
“The Board of Regents approves applying the proceeds from the Bill Ray Center sale to the University of Alaska Southeast Freshman Residence Hall, Phase 2, in accordance with the project change request as presented. This motion is effective June 6, 2013.”

POLICY CITATION AND STATE STATUTE
Regents’ Policy 05.07.010.B., Land Grant Endowment, states: “The land-grant endowment trust fund is established in accordance with AS 14.40.400. The net income from the sale, lease, development or other disposition of trust land or other related resources will be deposited to the land-grant endowment trust fund as principal. Except as specifically approved by the board, the net proceeds from the sale or development of non-trust land or other related resources and the improvements thereon will be deposited as additions to the inflation-proofing fund in a manner similar to principal. Annually, effective July 1, the spending allowance for the funds, as described later in this policy, will be transferred to the operating accounts for management and maintenance of university land and to the natural resources fund for program expenditures.”
Alaska Statute Sec. 14.40.400
Fund for money from sale or lease of land granted by Act of Congress.

(a) [See editor's notes.] The Board of Regents shall establish a separate
endowment trust fund in which shall be held in trust in perpetuity all

(1) net income derived from the sale or lease of the land granted under the Act of
Congress approved January 21, 1929, as amended;

* . . .

* and

(3) monetary gifts, bequests, or endowments made to the University of Alaska for
the purpose of the fund.

RATIONALE AND RECOMMENDATION
The board was informed in executive session at the February 2013 and April 2013
meetings about the administration’s intent and progress to sell the Bill Ray Center. Now
it is the intent of the administration to apply the proceeds to the UAS Freshman Dorm
Phase 2. Dr. Roy, vice president for finance and administration and Kit Duke, associate
vice president of facilities and land management, answered questions regarding the
acquisition.

XV. Debt Approval for the University of Alaska Southeast Freshman Residence Hall,
Phase 2
Regent Hughes moved, seconded by Regent O’Neill and passed with Regents Anderson,
Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in
favor that:

PASSED
“The Board of Regents (1) authorizes the chief financial officer to arrange for and
execute all documents necessary to issue debt, either general revenue bonds, a bank
loan, internal working capital loan or other financing arrangement in an amount
not to exceed $1,000,000 for the University of Alaska Southeast Freshman Residence
Hall Project, and (2) directs the chief financial officer to execute the Internal
Revenue Service notice of intent to issue reimbursement bonds so as to not preclude
reimbursement from future university general revenue bonds. This motion is
contingent upon the proposed sale of the Bill Ray Center and upon approval of the
project change request for the University of Alaska Southeast Freshman Residence
Hall, Phases 1 and 2 and is effective June 6, 2013.”

POLICY CITATION
Regents’ Policy 05.04.020.A., Facilities and Real Property Improvements, states: “All
facilities and other real property debt issuances must be approved by the board. The
reallocation of more than $250,000 in general revenue bond proceeds between
components of a general revenue bond "project" shall be approved by the board. Lesser amounts may be approved by the chief finance officer or the officer’s designee.”

RATIONALE AND RECOMMENDATION
Dr. Roy, vice president for finance and administration, answered questions regarding the debt approval.

XVI. **Approval of the 2013 Edna Bay Timber Development and Disposal Plan**

Regent Powers moved, seconded by Regent Heckman and passed with Regent Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

**PASSED**
“The Board of Regents approves the 2013 Edna Bay Timber Development and Disposal Plan and authorizes University of Alaska Land Management, with the approval of the chief financial officer, to respond to the current offer for timber harvesting and enter into a contract. This motion is effective June 6, 2013.”

POLICY CITATION
Regents’ Policy 05.11.060, Negotiation, Approval, and Execution of University Real Property Transactions, states:

“All university real property transactions and agreements are subject to the following:

A. Only individuals authorized in writing by the chief finance officer to negotiate real property transactions may do so on behalf of the university or the board. These real property transactions include, without limitation, any transaction involving lease, sale, cooperative development, right of occupancy, use, permit, license, or contract relating to any real property, or any other real property transaction whether or not similar to the foregoing. All other persons or university officials discussing prospective real property transactions with potential third parties must disclose that they do not have authorization to negotiate or commit the university or the board to any transactions, terms, conditions, or diminution of an interest in real property.

B. The board shall approve:

1. strategic plans for the management and development of Investment Property;
2. development plans that consist of:
   a. subdivisions that will result in the development of 10 or more lots;
   b. timber sales, unless the president determines the sale will have minimal impact;
c. material extractions that are anticipated to result in the sale of 100,000 cubic yards or more of material from a new source; or
d. oil and gas leases and mining leases encompassing 5,000 or more acres;

3. development projects that are expected to result in disbursements of $1,000,000 or more in value;

4. real property transactions that have not been approved as part of a development plan and are expected to result in receipts or disbursements of $1,000,000 or more in value; and

5. Real property transactions that require the subordination of an interest in university real property of $1,000,000 or more in value”.

RATIONALE AND RECOMMENDATION

With previous board agreement to advertise for bids, the University of Alaska, Facilities and Land Management Office (FLM) received a competitive offer on May 1, 2013, to purchase timber from the university at Edna Bay, Kosciusko Island. The evaluation team (including counsel) met and considered Alcan Forest Products’ (“Alcan”) offer on May 3, 2013, and found that while the Alcan offer contained many responsive provisions, it was determined to be “deficient” because it failed to contain certain required information which, with minor modifications to the bid, would make the bid acceptable to the university. A letter was sent to Alcan on May 10, 2013 outlining the bid deficiencies and the necessary steps required to achieve a responsive classification. A responsive classification will open discussions to finalize the timber sale agreement. Alcan has until June 10, 2013 to provide the necessary information.

Currently the timber market is enjoying an increased demand for volume, paying higher prices than seen in recent years, and is projected to continue this growth pattern. This is an optimum time to once again have the university enter into a timber contract. Assuming Alcan cures their bid deficiencies by June 10, 2013; FLM will enter into final negotiations (on the timber harvest plan) and enter into a contract by July 1, 2013. The term of the contract for the timber sale is projected to be five years.

XVII. Presentation on Extension and Outreach at the University of Alaska Fairbanks

The University of Alaska Fairbanks faculty, staff and students gave a presentation on extension and outreach activities. Areas included research, space grant, Alaska Sea Grant Marine Advisory Program, and the Cooperative Extension Service.

Research presenters were Katey Walter Anthony, Scott Rupp, Kenji Yoshikawa and Ian Wilkinson.

Alaska Sea Grant Marine Advisory Program presenters were Dave Christie and Terry Johnson in Fairbanks and Gay Sheffield in Nome and Sunny Rice in Petersburg.

Cooperative Extension Service presenter was Fred Schlutt.
XVIII. Acceptance of FY14 Operating Budget Appropriation and Approval of the Distribution Plan

Regent Cowell moved, seconded by Regent Wickersham and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
“The Board of Regents accepts the FY14 Operating Budget Appropriation as presented. This motion is effective June 6, 2013.”

Regent Cowell moved, seconded by Regent Fisher and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
“The Board of Regents approves the FY14 Operating Budget Distribution Plan as presented. This motion is effective June 6, 2013.”

POLICY CITATION
Regents’ Policy 05.01.04 – Acceptance of State Appropriations, states: "The board must accept state appropriations to the university before any expenditure may be made against the appropriation."

RATIONALE AND RECOMMENDATION
President Gamble and Associate Vice President Rizk discussed the legislative appropriations and proposed an operating budget distribution plan for board approval. Governor Parnell is expected to sign the state’s operating and mental health budget bills into law without any vetoes of University of Alaska programs or projects. Below is a system budget summary and distribution plan considerations. UA’s final operating budget state appropriation increased by $13 million (3.6 percent). State appropriations, include general funds, technical vocational education program funds (TVEP), and mental health trust general funds, total $376.7 million, up from $363.7 million in FY13. This amount includes a reduction of $69.1 thousand in TVEP funding. UA’s total budget for FY14 is $914.2 million compared to $924.3 million in FY13, a decrease of 1.1 percent. This amount includes a reduction of $36.0 million in unrealizable university receipt authority.

Approximately 88.6 percent of UA’s fixed cost increases were covered ($11.7 million of $13.2 million, excluding utilities). No base funding was included in the budget for utility cost increases; however, the budget includes one-time utility funding to state agencies to offset increased fuel and utility costs. The university expects to continue to receive additional one-time funding to cover utility cost increases through the “fuel trigger.”
Of the $12.9 million increase, $1.6 million is directed to the board’s priority program requests for: student achievement and attainment ($650.0 thousand); productive partnerships with public entities and private industries ($901.1 thousand), health/biomedical ($55.0 thousand), workforce development ($356.1 thousand), consolidated Alaska mining initiative ($290.0 thousand), and fostering knowledge of Alaska issues/culture/history through the UA press ($200.0 thousand). A complete list of programs receiving funding and program descriptions begin on page 8 of Reference 8. Below are highlights of the Strategic Direction Initiatives these program investments will support.

Student Achievement and Attainment: the university is delivering quality education to more students through improved eLearning and technology, increased access and increased advising support in order to realize increased certificate and degree attainment for more Alaskans.

Productive Partnerships with Public Entities and Private Industries: the university is uniquely positioned to provide the training needed to fill Alaska’s demand for skilled employees. Through partnerships with public entities and private industries, the university can assess workforce needs and develop educational training programs to fill those needs.

As in the past, the legislature has included intent language regarding future UA budget requests. It is the intent of the legislature that UA requests for unrestricted general fund increments do not exceed the amount of additional university receipts requested for that year and that unrestricted general funds move toward a long-term goal of 125 percent of actual university receipts for the most recently closed fiscal year. The state funded portion of UA’s budget had been increasing as a percentage of the total budget over the last several years, and the intent language is meant to reinforce the need for reversing that trend.

The legislature also included intent language regarding UA debt service, which states: “It is the intent of the legislature that the University of Alaska submits a Fiscal Year 2015 budget that includes a debt service allocation or an effective alternative to achieve that goal.”

XIX. Acceptance of the FY14 Capital Budget Appropriation and Approval of the Distribution Plan

Regent Cowell moved, seconded by Regent Heckman and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
“The Board of Regents accepts the FY14 Capital Budget Appropriation as presented. This motion is effective June 6, 2013.”
Regent Cowell moved, seconded by Regent Heckman and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

**PASSED**

“The Board of Regents approves the FY14 Capital Budget Distribution Plan as presented. This motion is effective June 6, 2013.”

**POLICY CITATION**

Regents' Policy 05.01.04 – Acceptance of State Appropriations, states: "The board must accept state appropriations to the university before any expenditure may be made against the appropriation."

**RATIONAL AND RECOMMENDATION**

Associate Vice President Rizk and Associate Vice President Duke presented a summary of the FY14 capital budget appropriation and discussed capital funding distribution implications.

The university’s capital budget request totaled $306.4 million with $283.9 million requested from state funding and $22.5 million in receipt authority. UA received state funding of $62.6 million and $1.3 million in receipt authority. A comparison of the UA Capital Budget Request and the final legislation can be found on page 17 of Reference 8.

The appropriated deferred maintenance and renewal & repurposing (DM and R&R) funding, $30 million, partially supports the $37.5 million request by the Board of Regents for the number one priority of maintaining existing facilities. Funding will be used to address the current critical needs of priority projects. There were no additional funds appropriated to contribute to the DM and R&R backlog reduction.

New starts/continuation funding requests were included in the FY14 budget request. These requests included amounts to finish both the UAA and UAF Engineering Buildings, partially funded for $15.0 million each, and receipt authority for UAF’s Cold Climate Housing Research Center Sustainable Village for $1.3 million. The engineering projects received prior state funding; UAA Engineering Building ($62.6 million) and UAF Engineering Building ($50.3 million).

Two Research for Alaska projects received partial funding. The UAF Partnership to Develop Statewide Energy Solutions for the Alaska Center for Energy and Power received $2.5 million and the UAF Alaska Chinook Salmon Production and Decline will receive funding from the State of Alaska Department of Fish and Game in the amount of $750.0 thousand.

Another project, also funded with state funds, is the Juneau Campus Mining Workforce Development for $88.7 thousand. Mining and Petroleum Training Service (MAPTS) uses
the AJ Sheep Creek Portal for hands on training for new underground miners. Any mine requires continual maintenance to insure student and staff safety underground, and this funding will allow for continued upkeep.

The board was asked to accept the capital appropriation and approve the distribution as presented. The Board of Regents’ number one priority, deferred maintenance and renewal & repurposing distribution amounts are based on a formulaic approach using the adjusted value of the facility multiplied by the weighted average age of the facility (distribution model is on page 23 of Reference 8). Recognizing that DM reduction needs to be strategic and targeted, $2.0 million of the $30 million appropriation will be used to reduce the DM on facilities going into the University Building Fund (UBF). Allocation of these funds will be focused around discussions of the data elements included in the Strategic Investment Chart with the intent to cover additional buildings under the UBF.

The project budget is derived from the MAU’s estimated funding distribution to address the most critical portions of the priority DM and R&R projects. The priority DM and R&R project descriptions begin on page 24 of Reference 8. As the exact project scope and costs are known, project approval will be obtained from the appropriate authority in accordance with Regents’ Policy. If a subsequent transfer of funding between projects or to a new project is requested, the chief facilities officer shall determine the level of approval required, based on the size and nature of the transfer.

XX. Approval of FY14 Student Government Budgets

Regent O’Neill moved, seconded by Regent Hughes and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
"The Board of Regents approves the student government fees and budgets as presented. This motion is effective June 6, 2013."

POLICY CITATION
Regents’ Policy 09.07.050 requires student government organizations to submit annual budgets, including the amount of any mandatory student government fees, to the Board of Regents for approval.

RATIONALE AND RECOMMENDATION
The UAF Fairbanks campus student body approved a fee increase from $35 to $42 per student and a redistribution of the fees between receiving departments. The fee increase will be implemented fall 2013 and is expected to generate an additional $98,000 (7 * 7000 students per semester for two semesters).
The UAF Kuskokwim student government has disbanded and there is no interest expressed by current students to continue government activities. The $10,117 fund balance will remain until such time as students regain interest in student government activities.

The United Students of the University of Alaska Southeast Juneau Campus (USUAS-JC) is implementing a new fee structure effective fall 2013. The new structure consolidated the old fees into a single $35 per credit fee for all students taking classes from the Juneau Campus. In order to keep the student government fee in line with the new fee structure, the USUAS-JC requested a decrease in the current student government fee. The current student government fee is $5 per credit for students living in Juneau; the new student government fee is $3.50 (10 percent of $35) for all students taking any Juneau Campus class.

All other student government activity fees are the same as last year.

XXI. Approval of FY14 Natural Resources Fund Budget

Regent Cowell moved, seconded by Regent Wickersham and passed with Regents Cowell, Heckman, Hughes, O’Neill, Wickersham and Jacobson voting in favor and Regent Anderson, Fisher and Powers voting in opposition that:

PASSED AS AMENDED
“The Board of Regents amends the proposed FY14 Natural Resources Fund Budget by removing $70,000 for the professor award. This motion is effective June 6, 2013.”

POLICY CITATION
Regents’ Policy 05.07.010, Land-Grant Endowment, provides that the university president will present an annual budget to the board for approval.

RECOMMENDATION
Natural Resources Fund
Proposed FY14 Budget/Spending Plan

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The proposed FY14 budget or expenditure plan for the Land-Grant Endowment spending allowance distribution provides for the funding of ongoing commitments to the UA Press of $120,000 and system-based scholarships of $160,000. In addition, the expenditure plan includes a new component for the Professor Award. The remainder of the distributions will be used to fund the land management office costs of $1,050,000 and the UA Scholars Program at $3,930,339.

RATIONALE
The Natural Resources Fund was established to facilitate the distribution of the annual spending allowance from the university’s Land-Grant Endowment Funds. The spending allowance is based on 4.5 percent of a 5-year moving average of the December 31 endowment fund value. The proposed fiscal year 2014 spending allowance decreased $166,206 over the prior year as a result of the relatively high December 31, 2007 endowment value dropping out of the 5-year average calculation. This decline represents a trailing effect of the significant endowment market losses suffered in fiscal year 2009 as a result of the global financial crisis.

XXII. Approval to Modify Existing Art Acquisition Endowment for the University of Alaska Museum of the North

Regent Anderson moved, seconded by Regent Hughes and passed with Regents Anderson, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor and Regent Cowell voting in opposition that:

PASSED
“The Board of Regents approves the modification of the existing Museum Art Acquisition Endowment (fund number 89949) to include the care and maintenance of art. The Board of Regents approves the modification of the endowment with the restriction that the annual distributed earnings from the endowment be made available to the curator of art at the University of Alaska Museum of the North for the sole purposes of purchasing new art and maintaining existing art collections. The endowment will be renamed the UA Museum of the North Art Acquisitions and Maintenance Fund. This motion effective June 6, 2013.”

POLICY CITATION
Regents’ Policy 05.07.030.A., Endowment and Quasi-Endowment Fund, states: “All endowment and quasi-endowment assets will be transferred to the University of Alaska Foundation for care, custody, investment and administration, to the extent feasible and not prohibited by donor agreement. Endowments will be transferred to the foundation as follows:
1. unrestricted endowment principal and income funds will be transferred to the foundation upon approval of the chief finance officer,
2. quasi-endowment and restricted endowments will be transferred to the foundation upon specific approval by the board.”
RATIONALE/RECOMMENDATION
The Art Acquisition Endowment was established more than 15 years ago when the museum sold several Korean paintings for a considerable amount of money; these funds were placed in a new endowment which stipulated that its earnings be used only for purchasing new art. It is an accepted practice, endorsed by the American Alliance for Museums and the Association of Art Museum Directors, that funds obtained from selling art can also be used to maintain and care for existing collections. The museum would like to have the option to use the earnings from the Art Acquisition Endowment to also maintain and care for existing art collections, to ensure that they are properly stored in appropriate temperature and climate-controlled spaces, adequate measures are taken to prevent deterioration, and, when necessary, objects are conserved.

XXIII. Authorization to Sign a Joint Rescission Agreement and to Sign and to File a Joint Motion for Relief from Judgment with the Superior Court
References 10-13

This item was postponed to the September 26-27, 2013 meeting of the Board of Regents.

XXIV. Approval of an Additional Member to the Board of Directors for Seawolf Holdings, LLC

Regent Cowell moved, seconded by Regent O’Neill and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, O’Neill, Powers, Wickersham and Jacobson voting in favor that:

PASSED
“The Board of Regents approves an additional member to the board of directors for Seawolf Holdings, LLC. This motion is effective June 6, 2013.”

RATIONALE AND RECOMMENDATION
The recommendation from the University of Alaska Anchorage for an additional board member was sent under separate cover for Board of Regents’ review prior to the June 6-7, 2013 board meeting.

XXV. Chancellors’ Strategic Direction Initiative Presentation
References 14-17

Chancellors Case, Pugh and Rogers discussed initiatives undertaken at their respective campuses in response to the Strategic Direction Initiative as noted in the reference material.

XXVI. Strategic Direction Initiative Discussion

Terry MacTaggart, UA Strategic Direction Initiative Consultant, thanked the board for inviting him back to Alaska to provide his professional point of view regarding the Strategic Direction Initiative (SDI). He noted issues of concern faced by other institutions that may play a part in UA’s decision-making process include: the online quality of massive open online courses (MOOCs), the contrast between online and in-person...
learning as it relates to the cost of education, geographic mobility of MOOCs across the
country, downward pressure on tuition, the fact that securing faculty contracts is taking
longer and the difficulty in securing change leaders in the new economic situation. He
stated in contrast to other institutions that have tried to implement a strategic plan, UA
has spent two years undertaking the responsibility of engaging community members,
governance leaders, faculty and staff and avoiding the top down dictatorship resulting in
individuals willing to lead change at the university.

He mentioned items to be attentive to in the next steps of SDI and the financial challenges
facing UA include: continuing to question institutional wisdom by asking challenging
questions, emphasizing relationships with faculty and staff concerning ideas on how to
grow the institution, being upfront and having candid dialogue regarding upcoming
changes, approaching the fiscal situation as a problem rather than a crisis, continuing to
secure federal research support and nurturing the relationship with the legislature. He
noted on the cusp of change, tough decisions will be required such as examining strategic
growth through increased attendance of international students, yield and participation
rates of Alaska students, tuition solutions e.g. differential tuition and serious streamlining
efforts both administratively and academically.

President Gamble thanked Terry MacTaggart for his assistance thus far in the SDI process
and his observations of the lessons learned from other institutions; noted UA is the
Alaska university for Alaskan’s first and the importance of keeping Alaska’s diversity in
mind when considering the next phase in SDI; said fundamental changes can take place
and UA will continue to look at the value to Alaska and the needs of the state when
implementing changes; said UA needs to continue to examine ways of doing things
differently and efficiently then be accountable and confident with the outcome of those
changes. He said the last two years preparing for SDI has built a foundation for leading
change; noted UA is the intellectual center of Alaska and many entities will be looking to
UA as an example in the fiscal challenges that lie ahead; stated confidence about moving
to the next phase of SDI, the solutions forthcoming and the continuous movement into
Alaska’s future.

XXVII. Approval of Revisions to Regents’ Policy 02.04.300-320 – University of Alaska
Fairbanks Councils - Board of Visitors

Regent Cowell moved, seconded by Regent Fisher and passed with Regents Anderson,
Cowell, Fisher, Heckman, Hughes, Powers, Wickersham and Jacobson voting in favor
that:

PASSED
“The Board of Regents approves revisions to Regents’ Policies 02.04.300-320 as
presented. This motion is approved on June 7, 2013.”

POLICY CITATION
Regents’ Policy 02.04.320.F., - Responsibilities, states: “The Board of Visitors shall as
needed, recommend changes to regents’ policy and university regulation.”
RATIONALE/RECOMMENDATION
At its March 30, 2013 meeting, the UAF Board of Visitors discussed its role per Regents’ Policy and recommended that the name of the board be changed from Board of Visitors to Board of Advisors. There has been confusion regarding the role of this board because of the term “visitors”; the body believes the term “advisors” more clearly articulates its mission. The UAF Board of Visitors also requested that they be advised by the chancellor on the selection of new members to this board before appointments are made. The requested revisions can be seen in Reference 18.

XXVIII. Approval of Revisions to Regents’ Policy 05.10.080 – Tuition and Fee Waivers

Regent Powers moved, seconded by Regent Cowell and passed with Regents Anderson, Heckman, Hughes, Powers, Wickersham and Jacobson voting in favor and Regent Cowell voting in opposition that:

PASSED
"The Board of Regents approves revisions to Regents’ Policy 05.10.080 as presented. This motion is approved on June 7, 2013."

RATIONALE AND RECOMMENDATION
The policy for the senior citizen tuition waiver was last updated in 2005. The proposed edits eliminate unneeded verbiage and add further clarity to the policy. Associate Vice President Oba answered questions regarding the revisions.

XXIX. Approval of FY15 Operating Budget Development Guidelines

Regent Hughes moved, seconded by Regent Powers and passed with Regents Anderson, Cowell, Heckman, Hughes, Powers, Wickersham and Jacobson voting in favor that:

PASSED
"The Board of Regents approves the FY15 Operating Budget Development Guidelines as presented. This motion is effective June 7, 2013."

POLICY CITATION
Regents' Policy 05.01.01.A., Budget Policy, states: "The budget of the university represents an annual operating plan stated in fiscal terms. All budgetary requests shall be adopted by the board prior to submittal to the Office of the Governor or the legislature."

RATIONALE/RECOMMENDATION
President Gamble and Associate Vice President Rizk presented the FY15 Operating Budget Development Guidelines recommendation (Reference 20). The operating guidelines serve as a tool for administration to prioritize budget requests and maintain alignment with the Board of Regents’ goals and expected administrative efficiencies.
Governor Parnell has proposed a 5-year fiscal plan to manage Alaska’s reserves and limit government spending and has committed to stepping down the levels of spending over the next five years. The details of the plan have yet to be released. As part of the FY15 budget planning process, the university will continue to look at ways of capping growth. With the state’s emphasis on reducing growth, and as the university moves into the last phase of the Strategic Direction Initiative, the request level for new programs is expected to be much more reliant on internal offsets than on general fund increase requests.

This presentation of the FY15 Operating Budget Development Guidelines is the first step in a process that will end in early November with the Board of Regents’ approval of the operating budget.

XXX. Approval of FY15 Capital Budget Development Guidelines

Regent Cowell moved, seconded by Regent Hughes and passed with Regents Anderson, Cowell, Heckman, Hughes, Powers, Wickersham and Jacobson voting in favor that:

PASSED
"The Board of Regents approves the FY15 Capital Budget Development Guidelines as presented. This motion is effective June 7, 2013."

POLICY CITATION
Regent's Policy 05.01.01.A., Budget Policy, states: "The budget of the University of Alaska represents an annual operating plan stated in fiscal terms. All budgetary requests shall be adopted by the board prior to submittal to the Office of the Governor or the legislature."

RATIONALE AND RECOMMENDATION
Associate Vice President Rizk and Associate Vice President Duke discussed current capital budget activities, and the capital budget development guidelines recommendation. The proposed guidelines are included as Reference 21.

Guidance from Governor Parnell for the FY15 Capital Budget is expected to place emphasis on a decreased capital budget and reduction of deferred maintenance (DM). FY15 is the last year of Governor Parnell’s 5-year $100 million annual commitment toward reducing deferred maintenance. With these things in mind, the FY15 capital budget requests should identify strategic investment needed to implement the Strategic Direction Initiatives objectives and reduce DM backlog to an acceptable level.

UA’s Capital Improvement Plan will be consistent with the 10-year fiscal plan submitted to the State of Alaska. The plan provides the Board of Regents, president, executive staff, and university community a clear picture of the capital projects which follow from completion of the program resource planning process and identification of the annual operating costs associated with those projects. The long range capital improvement plan aims to balance approved program needs across UA campuses with realistic expectations for capital appropriations.
This presentation of the FY15 Capital Budget Development Guidelines is the first step in a process that will end in early November with the Board of Regents’ approval of the capital budget.

XXX.A. Approval of Revisions to Industrial Security Resolution (added)

Regent Powers moved, seconded by Regent Cowell and passed with Regents Anderson, Cowell, Heckman, Hughes, Powers, Wickersham and Jacobson voting in favor that:

PASSED
"The Board of Regents approves the Industrial Security Resolution as revised to reflect a change in members of the Board of Regents and university administration, and authorizes the chair and secretary of the board to sign the resolution. This motion is effective June 7, 2013."

RATIONALE/RECOMMENDATION
The president and selected members of the university administration are routinely designated by the Board of Regents to handle any duties and responsibilities relating to classified information in connection with contracts with the Department of Defense and other federal agencies. These individuals are given an extensive security screening and are the only members of the administration, including the Board of Regents, to have access to classified information.

The university has received similar security clearances since the mid-1950s. Execution of the resolution allows regents and other members of the administration to be exempted from security clearance procedures.

The resolution is identical to resolutions previously passed except for changes to members of the Board of Regents and university administration.

XXXI. Consent Agenda

Regent Hughes moved, seconded by Regent Powers and passed with Regents Anderson, Cowell, Fisher, Heckman, Hughes, Powers, Wickersham and Jacobson voting in favor that:

PASSED AS AMENDED
“The Board of Regents approves the consent agenda as amended. This motion is effective June 7, 2013.”

A. Academic and Student Affairs Committee

*1. Approval of a Bachelor of Arts in Secondary Education at the University of Alaska Fairbanks

Moved to New Business XXXIII.A.1.
2. Approval of a Master of Science in Mechanical Engineering at the University of Alaska Anchorage  
   Reference 24

   PASSED
   “The Board of Regents approves a Master of Science in Mechanical Engineering at the University of Alaska Anchorage. This motion is effective June 7, 2013.”

3. Approval of Deletion of an Undergraduate Certificate in Practical Nursing at the University of Alaska Anchorage  
   Reference 25

   PASSED
   “The Board of Regents approves the deletion of an Undergraduate Certificate in Practical Nursing at the University of Alaska Anchorage. This motion is effective June 7, 2013.”

4. Approval of Deletion of an Undergraduate Certificate in Industrial Welding Technology at the University of Alaska Anchorage  
   Reference 26

   PASSED
   “The Board of Regents approves the deletion of an Undergraduate Certificate in Industrial Welding Technology at the University of Alaska Anchorage. This motion is effective June 7, 2013.”

5. Approval of Deletion of an Undergraduate Certificate in Nondestructive Testing Technology at University of Alaska Anchorage  
   Reference 27

   PASSED
   “The Board of Regents approves the deletion of an Undergraduate Certificate in Nondestructive Testing Technology at the University of Alaska Anchorage. This motion is effective June 7, 2013.”

6. Approval of Revisions to Regents’ Policy 10.02.040 - Academic Unit Establishment, Major Revision, and Elimination  
   Reference 28

   PASSED
   “The Board of Regents approves revisions to Regents’ Policy 10.02.040 as presented. This motion is effective June 7, 2013.”

7. Approval of Revisions to Regents’ Policy 10.02.060 - Community College Establishment and Elimination  
   Reference 29

   PASSED
   “The Board of Regents approves revisions to Regents’ Policy 10.02.060 as presented. This motion is effective June 7, 2013.”
*8. Approval of Revisions to Regents’ Policy 10.03.020 – Honorary Degrees
   Reference 30
   Removed from agenda

*9. Approval of Revisions to Regents’ Policy 10.03.030 – Meritorious Service Awards
   Reference 31
   Removed from agenda

B. Audit Committee

1. Approval of Revisions to Regents’ Policy 05.03 – Internal Audit
   Reference 60
   PASSED
   “The Board of Regents approves revisions to Regents’ Policy 05.03 as presented. This motion is effective June 7, 2013.”

C. Facilities and Land Management Committee

*1. Approval of the Campus Master Plan Amendment for the University of Alaska Fairbanks Campuswide Solar Array Installation
   Reference 39
   Moved to New Business XXXIII.C.1.

*2. Formal Project Approval for the University of Alaska Fairbanks Campuswide Solar Array Installation
   Reference 40
   Removed from agenda

3. Project Change Request for the University of Alaska Southeast Freshman Residence Hall, Phase 1 and 2
   Reference 5
   PASSED
   “The Board of Regents approves the project change request for the University of Alaska Southeast Freshman Residence Hall, Phases 1 and 2 as presented in compliance with the campus master plan, and authorizes the university administration to proceed with construction not to exceed a total project cost of $14,030,000. This motion is effective June 7, 2013.”
4. **Schematic Design Approval for the University of Alaska Fairbanks Antenna Installation Alaska Satellite Facility AS311**  Reference 41

**PASSED**

“The Board of Regents approves the schematic design approval request for the University of Alaska Fairbanks Antenna Installation Alaska Satellite Facility AS311 as presented in compliance with the campus master plan, and authorizes the university administration to complete construction bid documents to bid and award a contract within the approved budget, and to proceed to completion of project construction not to exceed a total project cost of $6,000,000. This motion is effective June 7, 2013.”

**XXXII. Tuition Setting Principle Discussion**  Reference 22

Associate Vice President Oba facilitated a discussion on tuition setting at the University of Alaska including a review of Regents’ Policy and examples of guiding principles from other university systems and colleges.

**XXXIII. New Business and Committee Reports**

A. **Academic and Student Affairs Committee**

*1. Approval of a Bachelor of Arts in Secondary Education at the University of Alaska Fairbanks**  Reference 23

Regent Wickersham moved, seconded by Regent Powers and passed with Regents Anderson, Cowell, Heckman, Hughes, Powers, Wickersham and Jacobson voting in favor and Regent Fisher voting in opposition that:

**PASSED**

“The Board of Regents approves a Bachelor of Arts in Secondary Education at the University of Alaska Fairbanks. This motion is effective June 7, 2013.”

2. **Committee Report**

In addition to action items, the committee discussed metrics, received presentations on summer academies at UAF, emergency services training, education and an emergency management facility at UAF and heard a report on developmental education. Approval of revisions to Regents’ Policy 10.03.020 – Honorary Degrees and Regents’ Policy 10.03.030 – Meritorious Service Awards failed in committee. The full board chose not to move the items to new business.
B. Audit Committee

1. Approval of the FY14 Annual Audit Plan Reference 59

The Audit Committee approved the following motion:

PASSED
“The Board of Regents’ Audit Committee approves the annual audit plan for fiscal year 2014 as presented. This motion is effective June 7, 2013.”

2. Committee Report

In addition to the action items, External Auditors Tammy Erickson and Pam Cleaver discussed planning for the annual financial audit and the federal single audit; Dr. Roy provided a mid-year financial update; and Chief Audit Executive Pittman reviewed the final audit, internal audit and external audit status reports.

C. Facilities and Land Management Committee

*1. Approval of the Campus Master Plan Amendment for the University of Alaska Fairbanks Campuswide Solar Array Installation Reference 39

Regent Cowell moved, seconded by Regent Powers and failed with Regents Cowell, Heckman, Hughes, Powers, and Jacobson voting in favor and Regent Anderson, Fisher and Wickersham voting in opposition that:

FAILED
“The Board of Regents approves the University of Alaska Fairbanks Campus Master Plan Amendment for the Campuswide Solar Array Installation as presented. This amendment will be incorporated in the existing 2010 Campus Master Plan. This motion is effective June 7, 2013.”

2. Committee Report

In addition to action items, the committee reviewed the UAA 2013 Campus Master Plan and heard reports on the Waterford House Condominium unit 71 in Washington, D.C, UAA Alaska Airlines Center, UAA Engineering and Industry Building project, UAF engineering facility, UAF combined heat and power plant replacement, UAF P3 student dining development, UAF West Ridge deferred master plan, deferred maintenance distribution plan changes for FY12 and FY13, deferred maintenance spending, Sightlines Report, land management FY13 and FY14 work plan and construction in progress. Because the motion to
approve the campus master plan amendment for UAF solar array installation failed, the board did not consider FPA for UAF campuswide solar array installation.

Karl Kowalski, chief information technology officer, gave a report on IT issues and network bandwidth capacity. Security issues were discussed and the board affirmed its belief that the right things are being done to correct deficiencies given the available resources and complexities involved, its support of the CITO in this effort, and offered support and assistance to complete this effort.

XXXIV. Future Agenda Items

Items noted for a future agenda include: a possible August meeting, discussion on the appropriate award level for the UA Scholar program and a review of the policy overseeing the program and processes to improve the agenda presentation keeping the material within a 500-600 page limit.

XXXV. Board of Regents' Comments

Regent Fisher concurred with Regent Cowell’s idea regarding a review of the agenda process as noted in future agenda items and is looking forward to the Toolik Field Station trip on June 8-10, 2013.

Regent Hughes thanked President and Mrs. Gamble, Chancellor Rogers and his wife Sherry Modrow for the evening event; said it was good to see former Fairbanks regents attend; noted a good meeting; stated the amount of material for this meeting was too much and encouraged staff to provide manageable material to allow regents appropriate time to discuss action items.

Regent Powers noted the season of weddings and graduations and his enjoyment attending commencement in Tok, Fairbanks and Fort Wainwright; and complimented Chancellor Rogers, Vice Presidents Roy and Thomas and Terry MacTaggart on their presentations.

Regent Wickersham concurred with comments made by Regent Powers regarding presentations and noted appreciation for keeping the discussions at the board level; stated concern for the size of the agenda; and noted a wonderful meeting.

Regent Cowell thanked Chancellor Rogers and university staff for a good meeting; said lunches were terrific; and noted hope at seeing the solar array project approved and on campus someday.

Regent Heckman thanked UAF presenters and Chancellor Rogers for the summer program presentations, noting they were naturally inspiring; is in favor of a manageable
sized agenda; enjoyed the wonderful evening event; and was pleased to hear the strategic discussions about long-term challenges and successes during the meeting.

Regent Enright thanked the board for a warm welcome; noted appreciation for the high level discussions; and looks forward to obtaining a better understanding of the university system.

Regent Anderson thanked UAS for hosting his attendance via video conference; noted five-star rated lunches each day; regretted not being able to be in Fairbanks to interact with board members and staff; enjoyed the student presentations and student public testimony; reiterated Senator Kelly’s concern regarding fiscal issues for Alaska; noted tough budget decisions ahead for the university; and stated hope for the solar array project’s return for reconsideration.

Regent Jacobson welcomed Regent Enright to the board; noted a fabulous meeting; and thanked UAF for hosting the meeting and President and Mrs. Gamble for the evening event.

President Gamble thanked Chancellor Rogers and Sherry Modrow for hosting the evening event; noted Terry MacTaggart’s wealth of knowledge is invaluable, the university owes him a debt of gratitude for his guidance and appreciation for his advice with SDI; thanked the board for their support of UA in its endeavors to generate change with the efforts of SDI; noted the challenging fiscal times ahead; including the upcoming planning for the FY15 budget and the involvement of executive leadership in the preparation process; acknowledged the amount of material in the agenda and noted efforts to improve the presentation will be reviewed.

Chancellor Pugh thanked Chancellor Rogers and UAF for a great meeting; noted appreciation to President and Mrs. Gamble for the evening event; and thanked the board for their support of complex projects at UAS.

Chancellor Rogers thanked President and Mrs. Gamble for hosting the evening event; thanked board members for their service and dedication of time; and noted looking ahead at the fiscal cliff it will be necessary to get comfortable being uncomfortable with the many difficult business decisions regarding the direction of the university.

Chancellor Case thanked President and Mrs. Gamble, Chancellor Rogers and Sherry Modrow for the evening event; noted thanks to board staff in putting together the meeting; was very impressed with the student presentations; intends to continue to use the SDI efforts to focus on the difficult decisions, priorities and methods of doing things more efficiently in support of the university’s mission; and thanked the board for their guidance and support with the Seawolf athletics situation.

XXXVI. Adjourn

Chair Jacobson adjourned the meeting at 3:20 p.m. on Friday, June 7, 2013.
Regents Present:
Patricia Jacobson, Chair
Michael Powers, Secretary
Timothy C. Brady
Fuller A. Cowell
Courtney Enright
Kenneth Fisher
Mary K. Hughes
Gloria O’Neill

Patrick K. Gamble, Chief Executive Officer and President, University of Alaska

Regents Absent
Dale Anderson
Jyotsna Heckman, Treasurer
Kirk Wickersham, Vice Chair

Others Present:
Tom Case, Chancellor, University of Alaska Anchorage
John Pugh, Chancellor, University of Alaska Southeast
Michael Hostina, General Counsel
Carla Beam, Vice President for University Relations
Ashok Roy, Vice President of Finance & Administration and Chief Financial Officer
Kit Duke, Chief Facilities Officer & Associate Vice President, Facilities and Land Management
Kate Ripley, Director, Public Affairs
Brandi Berg, Executive Officer, Board of Regents

I. Call to Order

Chair Jacobson called the meeting to order at 1:00 p.m. on Wednesday, July 10, 2013.
II. **Adoption of Agenda**

Regent O’Neill moved, seconded by Regent Powers and passed with Regents Brady, Cowell, Enright, Fisher, Hughes, O’Neill, Powers and Jacobson voting in favor that:

**PASSED**

“The Board of Regents adopts the agenda as presented.

I. Call to Order
II. Adoption of Agenda
III. Approval to Proceed with the Construction Contract for the University of Alaska Southeast Freshman Residence Hall, Phase 2
IV. Adjourn

This motion is effective July 10, 2013.”

III. **Approval to Proceed with the Construction Contract for the University of Alaska Southeast Freshman Residence Hall, Phase 2**

At the June 6, 2013 meeting of the Board of Regents, the following motion was approved:

**PASSED**

“The Board of Regents authorizes (1) the chief financial officer to arrange for and execute all documents necessary to issue debt, either general revenue bonds, a bank loan, internal working capital loan or other financing arrangement in an amount not to exceed $1,000,000 for the University of Alaska Southeast Freshman Residence Hall Project, and (2) directs the chief financial officer to execute the Internal Revenue Service notice of intent to issue reimbursement bonds so as to not preclude reimbursement from future university general revenue bonds. This motion is contingent upon the proposed sale of the Bill Ray Center and upon approval of the University of Alaska Southeast Freshman Residence Hall, Phases 1 and 2 and is effective June 6, 2013.”

Since that time, a development in the sale of the Bill Ray Center has occurred and required very short notice to the board. President Gamble and Dr. Roy, vice president for finance and administration discussed the sale of the Bill Ray Center and its effects on the construction of the University of Alaska Southeast Freshman Residence Hall, Phase 2 project. University administration requested the board consider the following motion.
Regent Cowell moved, seconded by Regent Fisher and passed with Regents Brady, Cowell, Fisher, Hughes, O’Neill, Powers and Jacobson voting in favor that:

**SUBSTITUTE MOTION PASSED**

“The Board of Regents amends the motion passed at the June 6, 2013, meeting regarding financing of the University of Alaska Southeast Freshman Residence Hall Phase 2 project to read as follows:

“The Board of Regents (1) authorizes the chief financial officer to arrange for and execute all documents necessary for an internal working capital loan or other financing arrangement in an amount not to exceed $4,100,000 including amounts already committed, for the University of Alaska Southeast Freshman Residence Hall Project, and (2) directs the chief financial officer to execute the Internal Revenue Service notice of intent to issue reimbursement bonds so as to not preclude reimbursement from future university general revenue bonds. This motion anticipates that the proceeds of the proposed sale of the Bill Ray Center will be used to retire any debt issued in association with the University of Alaska Southeast Freshman Residence Hall, Phase 2 project and is effective July 10, 2013.”

This motion is effective July 10, 2013.”

**POLICY CITATION**

Regents’ Policy 05.04.020.A., Facilities and Real Property Improvements, states: “All facilities and other real property debt issuances must be approved by the board. The reallocation of more than $250,000 in general revenue bond proceeds between components of a general revenue bond "project" shall be approved by the board. Lesser amounts may be approved by the chief finance officer or the officer’s designee.”

**IV. Adjourn**

Chair Jacobson adjourned the meeting at 1:25 p.m. on Wednesday, July 10, 2013.
Leadership Development Report

Status: September 2011 to September 2013

Investment Activities:

- 120 Executives, Directors, and other leaders have been assessed by the Center for Creative Leadership on their leadership competencies representing all MAUs and Community Campuses.
- 120 coaching sessions were held to provide developmental feedback following the assessments.
- A 2-Day Leadership Seminar was run by the Center for Creative Leadership on May 23-24, 2012. This Leadership Seminar was largely funded by a Rasmuson grant designated to bridge Leadership Behaviors and Competencies to the Strategic Direction Initiative at the University of Alaska.
- A 2-Day Leadership Seminar is scheduled for October 30th, 2013, to provide professional development to Deans, Institute Directors, and additional UA leaders related to Strategic Direction.
- 6 resource manuals were purchased with Rasmuson funding entitled “For Your Improvement”, which are reference manuals that leaders can share to find resources to enhance their skills and behaviors as a leader for self-development.
- The following groups that were included in the SDI Leadership Development Program include: The President’s Cabinet, the President’s Statewide Staff, Community Campus Directors, UAF Executives, and UAF Institutional Research Directors.
- The leadership competencies that are assessed in the CCL assessments include 3 types of competencies: Work/Productivity Behaviors, Team Behaviors, and Interpersonal Behaviors. Specifically they are: Strategic Perspective, Being a Quick Study, Decisiveness, Change Management, Leading Employees, Confronting Problems, Participative Management, Collaboration, Compassion, Putting People at Ease Respect, Taking Initiative, Composure, Balance in Life, Self Awareness and Career Management.
- UAF is initiating its second round of coaching with its leaders who elect to participate. Brian Rogers will make coaching sessions available in Fairbanks starting in September for those who choose to participate.
- Group Profile Reports were produced by CCL to reflect the various average scores of our UA leadership groups which will assist in providing/recommending the right training for the right group.
- The top competencies among all groups, according to the Profile Reports, are similar: Collaboration, Strategic Perspective, Participative Management, Taking Initiative, and Leading Employees. “Change Management” is a competency that falls in the middle of the 16 rankings and did not make the top competencies. The score shows that the behavior is performed well, but it is not singled out as highly important by management or by the raters for being a good leader. That may or may not be true in every organization, depending upon whether it needs change. For SDI good change management and leadership is vital.
First Review of FY15 Operating Budget

First Review of FY15 Capital Budget & 10-Year Capital Improvement Plan

Board of Regents
September 26-27, 2013
Juneau, Alaska

Prepared by Statewide Planning & Budget
450-8191
First Review of FY15 Operating Budget

Board of Regents
September 26-27, 2013
Juneau, Alaska

Prepared by Statewide Planning & Budget
450-8191
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University of Alaska
Proposed FY15 Operating Budget
Introduction

The operating budget discussion at the BOR meeting will provide Regents with a status of UA’s current operating budget, UA’s proposed FY15 operating budget, and the impact of the high demand program requests on student outcomes and measures. Administration is seeking Board of Regents’ feedback on key priorities and anticipates the Board will have questions.

Current FY14 Operating Budget: Context

In FY14, $1.6 million was directed to the Board’s priority program requests for: student achievement and attainment ($650 thousand); workforce development ($356 thousand), health ($55 thousand), consolidated Alaska mining initiative ($290 thousand); and fostering knowledge of Alaska issues, culture & history ($200 thousand). Page 27 provides a listing of FY14 program investments.

FY15 Operating Budget: Assumptions and Request

The Proposed FY15 Operating Budget will include the necessary resources to cover adjusted base increases (i.e., contractual and fixed cost increases) plus high demand program requests that support the Strategic Direction Initiative (SDI) as we take it to the final phase.

The FY15 program priorities include a range of about $3 - $3.8 million submitted by UAA, UAF, UAS and Statewide. With the state’s emphasis on reducing growth, and as we move into the last phase of SDI, the request level for new programs in FY15 is going to be much more reliant on internal offsets than on general fund increase requests.

The requests have been categorized into three tiers of priorities. Tier III priorities include all programs under consideration, tier II priorities include mid-level reductions and cuts to program requests, while tier I shows the highest amount of reduction and cuts for FY15, including high demand programs. The FY15 budget identifies where focused program investment can successfully transition the university into the “doing phase” of SDI, positioning UA to become more productive and much more closely aligned with the priorities of students, employers and the people of the state. Program descriptions begin on page 8.

- **Student Achievement and Attainment**
  The requested funding will build on the very successful FY14 investment in advising by spreading out the advising services offered across the UA System, much of which will be at the community campuses. Focus will be placed on new and continuing students as they navigate admission, enrollment, advising and financial aid processes, including assisting at-risk and underrepresented populations of students to stay on track for graduation.

- **Productive Partnerships with Alaska’s Schools**
  These requests support the joint UA/DEED efforts to work with the K-12 system to strengthen bridging opportunities for high school students transitioning to the University of Alaska and the education and placement of teachers throughout the state.
• **Productive Partnerships with Public Entities and Private Industries**
  Funding investments in Health/Biomedical, Workforce Development, and Consolidated Alaska Mining Initiative (CAMI) programs are a priority for the State and the University of Alaska to meet the State’s need for trained professional providers. UA is pursuing both public and private partnership funding opportunities.

• **Research and Development to Sustain Alaska’s Communities and Economic Growth**
  This request support UAA’s research efforts, and promotes entrepreneurship activities throughout the University of Alaska system for the benefit of Alaska’s economy.

The adjusted based requirement includes contractual and annual staff employee compensation increases as well as non-personnel, must pay fixed cost increases. The cost increases are based on the following expectations:

• The compensation estimate includes the FY15 contract renewal amount for UA Federation of Teachers (UAFT) and a 2% pay increase plus an additional day of leave for non-unionized employees. The Local 6070 contract expired on December 31, 2012 and no increase has been negotiated as of yet. The contracts for United Academics Faculty (UNAC), UA Adjuncts (UNAD), and Fire Fighters Association (FFA) expire on December 31, 2013 and bargaining is just starting for FY15. Therefore, no request will be included in the budget until a collective bargaining agreement has been negotiated and ratified for these units.
• Retirement rates are expected to remain the same
• Additional non-discretionary fixed cost increases include:
  o Utilities
  o Facilities Maintenance and Repair (M&R)
  o New Facilities Estimated Operating Costs
  o Leases
  o Non-Personal Services Fixed Cost Increases

Approval of UA’s FY15 Operating Budget, scheduled for the November 6, 2013 Board of Regents’ meeting, includes:

• Incorporating Board of Regents input
• Incorporating university performance assessment
• Integrating and aligning the operating and capital budget requests
• Developing and refining request amounts and project descriptions
• Developing presentation format consistent with focus/theme
### University of Alaska

**Proposed FY15 Operating Budget**
*(in thousands of $)*

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### Compensation by Employee Group
- UA Federation of Teachers (UAFT) 400.2
- Local 6070 (under negotiation) 400.2
- United Academics Faculty (UNAC) (under negotiation) 800.4
- UA Adjuncts (UNAD) (under negotiation) 2,502.3
- FireFighters Association (FFA) (under negotiation) 2,502.3
- UA Staff 5,004.6

**FY15 Compensation Increase Subtotal**

### Additional Operating Cost Increases

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**FY15 Additional Operating Cost Increases Subtotal**

**FY15 Adjusted Base Requirements Total**

### High Demand Program Requests Note (2)

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<td>Tier III</td>
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(1) Assumes state funding for utility increases will continue to be covered through the fuel trigger mechanism.

(2) See FY15 High Demand Program Requests spreadsheet for scenarios.
University of Alaska
FY15 Operating Budget Request Items

Compensation Increases
(GF: $2,902.5, NGF: $2,902.5, Total: $5,805.0)

The compensation estimate includes the FY15 contract renewal amount for UA Federation of Teachers (UAFT) and a 2% pay increase plus an additional day of leave for non-unionized employees.

The Local 6070 contract expired on December 31, 2012 and no increase has been negotiated as of yet. The contracts for United Academics Faculty (UNAC), UA Adjuncts (UNAD), and Fire Fighters Association (FFA) expire on December 31, 2013 and bargaining is just starting for FY15. Therefore, no request will be included in the budget until a collective bargaining agreement has been negotiated and ratified for these units.

Utility Cost Increases
(GF: Fuel Trigger, NGF: $1,415.0, Total: $1,415.0 + Fuel Trigger)

This request covers the projected FY15 utility and fuel oil cost increases, estimated at a 7.6% increase over FY14. Half of the FY14 increases are expected to be offset through a utility fuel trigger mechanism and, if necessary, a request for supplemental funding will be considered. Similar assumptions are held for FY15 increases.

Facilities Maintenance & Repair
(GF: $1,081.5, NGF: $1,081.5, Total: $2,163.0)

UA’s annual maintenance and repair is calculated as a percentage of current building value, plus a component that accrues directly with building age. Each MAU annually dedicates a portion of its operation budget to facilities maintenance, often referred to as M&R. As the deferred maintenance and renewal/repurposing backlog continues to grow, the amount of funding necessary to maintain buildings increases and more M&R has to be used unprogrammatically to cover unforeseen deferred maintenance costs that cannot be deferred any longer without risking safety or localized mission failure.

New Facilities Estimated Operating Costs
(GF: $2,644.9, NGF: $1,685.0, Total: $4,329.9)

- UAA AK Airlines Center (Sports Arena) Operating Costs
  (GF: $2,104.9 NGF: $1,610.0, Total: $3,714.9)
  In FY11 this project was funded as part of the State issued general obligation bonds. The facility is scheduled to be operational as of July 2014. This request covers the additional operating and maintenance costs associated with this 196,000 gross square foot facility.

- UAA Mat-Su Valley Center for Arts & Learning (VCAL) Operating Cost
  (GF: $540.0, NGF: $75.0, Total: $615.0)
  In FY11 this project was funded as part of the State issued general obligation bonds. The facility is scheduled to be operational as of July 2014. This addition covers the startup of operating and maintenance costs associated with this 30,000 gross square foot facility.

In addition, this request is for the recruitment and hiring of appropriate personnel to manage and operate the theatre/auditorium as the design and the construction of this facility are completed. A facility manager is a key staff component and will schedule and solicit facility uses, develop operational policies and procedures and participate in the latter stages of the construction to better understand and operate the facility. Operationally, VCAL will have both community and college
FY15 Operating Budget Request Items (continued)

uses. University generated revenue and increased semester credit hours will be impacted starting in FY15 by theatre operations and additional classes held in the facility.

Leases
(GF: $0.0, NGF: $5,000.0, Total: $5,000.0)

- **UAF P3 Housing Development**
  (GF: $0.0, NGF: $5,000.0, Total: $5,000.0)
  As part of the Student Life: Transforming the UAF Experience project, UAF proposes to provide new student housing units through a public private partnership arrangement. The housing will be the first phase in a plan to increase the quality and quantity of housing stock. The project will provide beds in dormitory buildings either adjacent to the Wood Center or at a location near core campus. The first phase, a 90-bed dormitory, could be constructed between August 2014 and May 2016. This request represents the anticipated student housing revenue required to finance the project. UAF will continue to work through P3 development; depending on the arrangements, future funding requests may be operating or capital. Feasibility studies are in progress as part of plan development.

Non-Personal Services Fixed Cost Increases
(GF: $410.0, NGF: $0.0, Total: $410.0)

- **UAF Rasmuson Library Electronic Subscriptions**
  (GF: $250.0, NGF: $0.0, Total: $250.0)
  As Alaska’s senior research university, desktop and remote access to the most current information resources and scientific knowledge is vital for our students, faculty, staff and researchers for exploration of subject matter and teaching in the classroom and the field. These resources directly impact instruction, grant funding, research and accreditation. Additionally, the UAF Libraries are responsible for the delivery of resources to the Kuskokwim, Nome and Kotzebue campuses and all e-learners. Without additional funding, reductions in popular and high-use subscriptions will be necessary.

- **UAF Smart Classroom Technology Refresh**
  (GF: $160.0, NGF: $0.0, Total: $160.0)
  UAF administration allocated funds in FY11 for smart classroom technology upgrades. As a result, 35 classrooms and auditoriums across campus were equipped with the latest instructional technology. Additionally, training opportunities for instructors have increased which allows students to be more engaged in visual learning, research projects, collaborative groups and dynamic discussions. This funding supports the annual requirement to refresh these classroom technologies on a continual 3-5 year cycle. It is expected that this program would result in better-prepared high school graduates entering college or the work force. This will result in fewer students needing to complete remediation courses, timely completion of undergraduate degrees and increased graduation rates. Funding will support one faculty member, support for collaborative meetings with high school math teacher(s) and technology tools to make the program viable.
### University of Alaska

#### FY15 High Demand Program Requests by Initiative

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<tr>
<th>Campus/Program Title</th>
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**Total** 2,103.7 556.8 2,660.5 1,583.9 1,949.9 2,103.7
## FY15 High Demand Program Requests by Initiative

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<tr>
<th>Campus/Program Title</th>
<th>State Approp.</th>
<th>Rept. Auth.</th>
<th>Total</th>
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<th>Tier II</th>
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FY15 High Demand Programs
(GF: $3,800.8, NGF: $1,095.2, Total: $4,896.0)

Student Achievement and Attainment
(GF: $997.1, NGF: $463.4, Total: $1,460.5)

- UAF Alaska 2+2 Collaborative Veterinary Medicine Program with Colorado State
  (GF: $200.0, NGF: $243.0, Total: $443.0)
  Based on a 2010 statewide needs assessment, an internal review, and the FY13 state investment, the University of Alaska Fairbanks has created a Department of Veterinary Medicine within the College of Natural Sciences and Mathematics (CNSM). This request is the remaining portion of the priority program request not funded in FY13. Students will complete their pre-veterinary program (3-4 years) and the first 2 years of their professional program at UAF. Their final 2 years will be at the veterinary teaching hospital at CSU. This project will enhance veterinary coverage in Alaska by training veterinarians with an understanding of Alaskan needs. Specific interests include, but are not limited to: public health, rural veterinary medicine, quality and safety of subsistence foods, population health of Alaskan wildlife, toxicology, environmental contaminants, emerging disease and the effects of global warming.

- UAS/UAF Mandatory Comprehensive Advising and New Student Services
  (GF: $357.1, NGF: $67.4, Total: $424.5)
  **UAS First Year Advisor**
  - The most critical transition in every student’s career happens during the first six weeks. UAS acknowledged that fact recently by implementing a mandatory advising policy for new students. (Advising is also mandatory for students on academic probation and students who are receiving certain scholarships.)
  - UAS has a number of services in place directed towards first-year-students: orientation (.25 FTE) mandatory advising for students taking fewer than 30 credits (decentralized), and academic recovery services for students admitted on probation (also decentralized).
  - Our goal is to continue to increase the retention of our first-year students.
  - This position will deliver services directed solely to first-year-students:
    - Teach first-year courses that are currently not offered, building off new student orientation.
    - Take a leading role in delivering a student leadership program focused on first year students.
    - Manage and integrate critical student transition efforts that are currently offered on an ad hoc basis.

  **UAS Disability Support Provider**
  Students seeking accommodations for disabilities are one of the fastest growing sub-populations at UAS.
  - On the Juneau campus, there has been a 73% Increase in requests from 2009 to 2012.
    - Federal ADA guidelines now require Disability Services Offices to start the process of accommodation for students with disabilities before official documentation is provided.
    - This significantly increased the workload in the Disability Services Office, and we anticipate that UAS will see this upward trend continue in future years.
  - Need 1.5 FTE:
    - Currently UAS has a .5 FTE professional staff dedicated to providing this service.
    - The campus has been utilizing temporary hires to meet current need.
FY15 Operating Budget Program Descriptions

**UAF College of Rural and Community Development (CRCD)**
UAF CRCD campuses deliver place-based courses that allow students to receive education and training in or near their home community. "Gatekeeper" courses such as Developmental Mathematics and Developmental Science can be offered in a format that allows remedial students to complete their developmental work more quickly and move into a degree program. This project supports three student advisors to be housed at the Bristol Bay Campus, Kuskokwim Campus and the UAF Community & Technical College. A Research Specialist will also be supported to perform degree audits, so that student advisors can contact non-completing, degree-seeking students to encourage them to complete their degree.

- **UAF Increased Student STEM Capacity**
  (GF: $140.0, NGF: $53.0, Total: $193.0)
  Introductory chemistry is currently the "bottleneck" course for growing enrollments in engineering and life sciences. Funding is requested to hire a full-time instructor to teach additional sections of general chemistry (CHEM 105x and F106x) and to create the Chemistry Learning Center, which will assist students to enroll with the proper course sequence and complete general chemistry. The additional instructor and two Teaching Assistants positions will provide for additional capacity in the class and labs, and will provide more one-on-one mentoring to help students through these courses.

- **UAF e-Learning Expansion for Online High Demand Job Degree (HDJD) Areas**
  (GF: $300.0, NGF: $100.0, Total: $400.0)
  UAF e-Learning and Distance Education are poised to increase offerings of courses and degree programs, but lacks sufficient staff to meet rapidly growing student demand. This request is for an additional instructional designer and a student services manager. Also, additional support for training faculty, including those from rural campuses, in online instruction and technology is needed. Additional capacity investments in e-Learning will increase both enrollment and degree completion. UAF plans to upgrade at least three additional baccalaureate programs fully online in the next two years.

**Productive Partnerships with Alaska’s Schools**
(GF: $400.0, NGF: $25.0, Total: $425.0)

- **SPS College Dual Enrollment for Tech-Prep Programs**
  (GF: $300.0, NGF: $0.0, Total: $300.0)
  Annually over 2,000 high school students across the state earn college credit towards certificates and degrees from the University of Alaska through the Tech Prep (technical preparation) model plans of study. Funding will provide coordinated continuation and expansion of this dual credit program.

  There is growing interest in the state legislature for a dual enrollment system and the time is right for the University of Alaska to take the leadership role. After 10 years of building successful relationships with secondary schools and business partners to provide dual credit aligned courses for students focused on Career and Technical Education, UA Plans of Study working group is ready to expand the model into a Career Pathways model and create a systemic dual enrollment program.

- **UAA Strengthen Education Methodologies for Alaska Native Students**
  (GF: $100.0, NGF: $25.0, Total: $125.0)
  While Alaska’s indigenous students comprise approximately 25% of the State’s student population, representation of Alaska Natives in the education workforce is only 5-7%. The College of Education (COE) seeks support to establish a Center of Alaska Native Education and Pedagogical Studies. The mission of this unique Center will be to transform education for Alaska’s indigenous peoples through
the preparation of Alaska Native educators who are knowledgeable about both Western and indigenous educational practices, histories and philosophies. The pedagogical studies component will seek not only to impart best practice for the education of indigenous students, but also to contribute to the field through research conducted by students and faculty. Outreach programs for non-Native students and other interested parties will be developed, as will partnerships with appropriate entities. The Center of Alaska Native Education and Pedagogical Studies will draw on current COE faculty expertise for resources and research currently located in the COE. Additional funds are requested to support one new position: a facilitator for the center who will coordinate internal efforts, facilitate collaboration between UAA faculty/staff and outside agencies and organizations, connect with schools and district offices, liaise with potential and current students, and publicize center activities, efforts and issues.

Productive Partnerships with Public Entities and Private Industries
(GF: $2,103.7, NGF: $556.8, Total: $2,660.5)

- Health/Biomedical
  (GF: $1,296.7, NGF: $115.0, Total: $1,411.7)
  - UAA Alaska Health Workforce Pipeline (AHEC)
    (GF: $652.9, NGF: $75.0, Total: $727.9)
    Alaska’s small population and remote geography creates a challenge for recruiting and retaining a quality healthcare workforce, particularly in rural and underserved communities. Eight years ago, UA and multiple public and private stakeholders organized an effort to receive federal Area Health Education Center (AHEC) funding to address the health care workforce needs of Alaska. The AHEC mission is to achieve three goals:
    • Developing and sustaining a strong local health workforce in Alaska by engaging youth and others to enter health careers.
    • Recruiting health students to consider working in rural and underserved areas of the state by providing clinical experiences in these communities during their training.
    • Retaining health professionals in these regions by providing accessible continuing education and professional development opportunities.

This healthcare pathway effort has been very successful in Alaska, supporting 3,733 students to complete 7,999 clinical rotations across Alaska; reaching over 2,492 youth through engagement activities, and providing 505 continuing education opportunities to professionals. Since 2006, 1,089 students have graduated and employment locations were tracked for 762 through the State of Alaska Department of Labor and Workforce Development (DOLWD). According to DOLWD, 18% work in a rural borough or census tract, compared with national rural recruitment rates for new graduates of 8-12%.

Today, the Alaska AHEC program is at a critical juncture due to a scheduled 70% reduction in federal grant funding for four of the five AHEC regional partner sites: Bethel, Fairbanks, Ketchikan and Anchorage. This request will maintain support to these communities. Without funding, engaging, preparing, recruiting and retaining healthcare professionals will be critically compromised, negatively affecting access to quality health care for Alaska residents. Without stable funding, at least two regional Centers will likely close since the reduced federal funds do not cover the salary of even one staff person. Other statewide AHEC activities will have to be greatly curtailed.

The AHEC system is a high priority of the University’s partners in the Alaska Health Workforce Coalition, including the Alaska Mental Health Trust Authority, Alaska Hospital and Nursing Home
FY15 Operating Budget Program Descriptions

Association, Alaska Native Tribal Health Consortium, Alaska Primary Care Association, and many others.

- **UAF Essential Faculty Clinical – Community Ph.D. & Undergraduate Psychology Programs**
  (GF: $453.8, NGF: $0.0, Total: $453.8)
  This request supports the UAF clinical training component of the UAA-UAF Joint Ph.D. program in Community-Clinical Psychology, as well as the undergraduate programs in psychology. Extensive, high-quality clinical training is essential for the Ph.D. program to retain specialized accreditation (American Psychological Association) and for graduates to become licensed for clinical practice. The Ph.D. program emphasizes training for individuals to work with rural and indigenous populations and communities; clinical psychologists are in short supply in Alaska, particularly outside urban areas.

- **UAA Sustaining Alaskan’s Access to Health Care Through the Office of Health Workforce Development**
  (GF: $190.0, NGF: $40.0, Total: $230.0)
  The Office of Health Workforce Development at UAA works collaboratively with the colleges and campuses of the University of Alaska system to implement, improve and articulate health professions programs to respond to Alaska’s health workforce needs, and to distribute them through e-learning across the state whenever feasible. The Office manages the activities of the Alaska Health Workforce Coalition, a collaborative partnership of health care industry, education and government entities. It coordinates the implementation of the Coalition’s 2010 Workforce Plan, and is responsible for many of the Plan’s action items.

  The Office manages the Recruitment and Retention of Alaska Natives into Nursing (RRANN) program and supports other health pathways programs. Working with school districts and communities to engage youth into health careers and providing required continuing education for health professionals are core functions of the Office. Previously supported by federal infrastructure funding that is no longer available, the Office requires boosted state funding to maintain the existing personnel and level of effort.

- **Workforce Development**
  (GF: $167.0, NGF: $44.0, Total: $211.0)

- **UAS Career Pathways Partnership Coordinator**
  (GF: 71.0, NGF: $24.0, Total: $95.0)
  A Career Pathway is education, training and support services being used to help people get high-demand jobs or get promoted in a competitive high-demand field. The focus of the program is to make things easier by helping students and potential students build or make changes to their careers. These include students who transition from high school to college, the workforce to college, and from college to employment. Research indicates this model of education works well for workforce development and student success.

  UAS Ketchikan will hire a Career Pathways Coordinator who will work directly with school districts, high demand industries and Alaska Native organizations to promote, inform and advise students and potential students of the benefits of creating personalized career pathways as a plan of study for high demand occupations both regionally and across the state of Alaska. Additionally, the Career Pathways Coordinator will work with incoming freshmen, transfer students and non-traditional students to develop career pathways that maximize the student’s ability to succeed in a timely fashion at UAS Ketchikan and ultimately work in his/her field of choice. The coordinator will work with
students both locally and at a distance, using technology like Skype and Elluminate to communicate and build a relationship with students at a distance.

High demand careers in health care, teaching, maritime, marine manufacturing and mining are prevalent in Southeast Alaska.

UAS Ketchikan offers the Associate of Arts and the only state-wide Bachelor of Liberal Arts and Bachelor of Arts Social Science degrees via e-learning, both which prepare students for careers in a number of the high demand career fields. Additionally, Ketchikan is the hub for maritime activity. It is the home to the Alaska Marine Highway System and Alaska Ship and Dry Dock, now owned by Vigor Industrial. UAS Ketchikan is the primary educational provider for the AMHS and recently developed a multi-skilled industrial technology program for the shipyard and other maritime industries. UAS has begun developing a medical assisting program for the health care industry requested by the local health care provider in Ketchikan. UAS offers the only e-learning teacher education program in the state.

- **UAF Workforce Development in High Demand Areas: Nursing and Construction Trades**
  (GF: $96.0, NGF: $20.0, Total: $116.0)
  The UAF Interior-Aleutians Campus is requesting support for .5 FTE of an Academic Program Head in Construction Trades Technology (CTT). This position will provide oversight of the CTT program as it continues to develop into a cross-regional training program with statewide delivery. This is also a teaching faculty position. This position will focus on supplying training and knowledge in constituent identified critical needs areas such as boiler installation and repair, efficient energy systems, and alternative energy generation. This position primarily impacts educational access and equity for students in rural communities.

  This request will also support the remaining .5 FTE Nursing faculty member salary at the Bristol Bay Campus. There is presently a waiting list for the Bristol Bay Campus Nursing program and significant investment is being made for additional clinical lab space to help insure quality instruction and a quality learning environment. Producing more nursing graduates will help meet employer needs and fill the increasing statewide demand for nurses, specifically nurses for rural Alaska.

- **Consolidated Alaska Mining Initiative (CAMI)**
  (GF: $640.0, NGF: $397.8, Total: $1,037.8)
  - **UAS Director of UAS Center for Mine Training and Assistant Professor of Mining Training**
    (GF: $90.0, NGF: $27.8, Total: $117.8)
    The Director of Center for Mine Training was created after receiving a $300,000 donation from Hecla Greens Creek in June of 2011. The Director also holds the title of Assistant Professor teaching courses to support the HGC donation by creating and providing curriculum for the Hecla Greens Creek Mine Training Career Pathway. The Director teaches two introductory courses which is the first two steps in the career pathway. After these courses, the student will enter into the UAS Mine Mechanics Occupational Endorsement (OE) and then the Power Technology Associates of Applied Science (AAS) with an emphasis in Diesel all funded by the HGC donation until FY15.

    The Director works in cooperation with University of Alaska Mining and Petroleum Training Service (MAPTS) to provide free Mine Safety and Health Administration (MSHA) trainings, Entry-Level Miner trainings, which leads to jobs in local mines after concluding training and operating the Mine
Simulator, which included partial funding in 2011. The Director also represents UAS Center for Mine Training locally, regionally, statewide, nationally and internationally.

The 2013 Legislature provided one-time funding at $117.8 for support of this program for FY14. This request is to establish this as an on-going increment as part of the UAS base operating budget.

- **UAA Response to Mining Industry Training Needs in Geology**  
  (GF: $200.0, NGF: $20.0, Total: $220.0)  
  UAA’s Geology program has partnered with the Mining Industry to produce graduates that are well trained to meet the growing needs of Alaska’s resource extraction economy, however, an assessment of industry needs facilitated by the Department of Geology’s Community Advisory Board and conversations with mining industry representatives highlighted two important needs. First, UAA’s Geology program needs to provide more emphasis on economic geology, and, second, it needs to be more thoroughly grounded in environmental geology. To meet these needs, two tenure track faculty in Geology are requested: one in Economic Geology (to replace temporary funding by industry), and one in Environmental Geology to meet the additional need for trained geologists. Geology is a recent degree at UAA and has grown to a program of over a hundred majors with excellent job placement within the field.

- **UAF Alaska Critical & Strategic Minerals, Fossil Fuels and Energy**  
  (GF: $350.0, NGF: $350.0, Total: $700.0)  
  Alaska ranks in the top ten in the world for important rare earth and strategic minerals. There is great potential for exploration, development, and value added processing of strategic and critical minerals, along with further development of extensive fossil fuel resources. In 2010 Alaska’s mineral industry opened 4,100 jobs with an average wage of $100,140. In 2011 mineral exploration investment in Alaska was $365 million, about one-third of the total spent in the U.S., but still the state remains largely unexplored. Two geology faculty positions are requested in imaging spectroscopy and geochemistry, to train students and conduct research in mineral exploration and related technologies. Three new faculty positions requested for the Institute of Northern Engineering would conduct research in energy and power, fossil fuel development, and critical and strategic minerals. Such experts are in short supply in the state as the industries are booming. This initiative targets the areas in which the state expects UAF to deliver top quality research and information.

Research and Development to Sustain Alaska’s Communities and Economic Growth  
(GF: $300.0, NGF: $50.0, Total: $350.0)

- **UAA Alaska Center for Economic Development Entrepreneurship Activities**  
  (GF: $300.0, NGF: $50.0, Total: $350.0)  
  The University of Alaska Center for Economic Development (UACED) requests base funding for the Entrepreneurship Initiative (CEDEI) to promote and encourage entrepreneurship activities throughout the University of Alaska system and throughout Alaska. A new CEDEI Director will develop and teach entrepreneurship interdisciplinary courses, conduct research, and develop a UA student consulting program. The Director will coordinate programs, such as the veteran’s Boot Camp prisoner entrepreneurship program, Lemonade Day, and other community and regional efforts, to establish entrepreneurial capacity and support systems. Funding will create student intern positions to support specific industry sectors (fisheries, mining and energy) as well as conduct analysis of student/faculty ideas that have a high potential for commercialization. An Entrepreneurship and Leadership seminar series will include successful entrepreneurs, researchers, investors and innovators who are focused on emerging market sectors important to Alaska’s economy. Funding will educate
and encourage new and innovative thinking, venture competencies, and leadership to assist local businesses, and positively influence the economic growth of Alaska. The UACED serves the entire State of Alaska—with special attention focused on rural and largely native Alaskan community areas.
<table>
<thead>
<tr>
<th></th>
<th>Base FY12</th>
<th>Base FY13</th>
<th>FY14</th>
<th>% Change</th>
<th>$ Change</th>
<th>FY12</th>
<th>FY13</th>
<th>FY14</th>
<th>% Change</th>
<th>$ Change</th>
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<td>13,170.4</td>
<td>341,096.4</td>
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<td>4,777.3</td>
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<td>Interest Income</td>
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<td>-</td>
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<td>874,230.1</td>
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1. One-time Items Include: FY12 $3,960.0 for utility cost increases, $100.0 for UAA's Honors College, $100.0 for UAF's Honors Program; FY13 $4,680.0 for utility cost increases, and $250.0 UAA ISER-Alaska Education Policy Research; and FY14 $4,680.0 projected for utility cost increases.
2. Includes language section items: License Plate Revenue and Juneau Center for Mine Training
3. Excludes one-time authorizations necessary to cover actual expenditures.
FY11-FY14 Authorized Budgets by Allocation (in thousands of $)

Allocation
Systemwide Components Summary
Reductions/Additions

FY11 BOR Authorized
State
Rcpt.
Total
Appr.
Auth.
Funds

FY12 BOR Authorized
State
Rcpt.
Total
Appr.
Auth.
Funds

FY13 BOR Authorized
State
Rcpt.
Total
Appr.
Auth.
Funds

FY14 BOR Authorized
State
Rcpt.
Total
Appr.
Auth.
Funds

2,752.8

28,213.3

30,966.1

5,493.3

23,696.5

29,189.8

15,001.1

15,001.1

950.8

(1,498.9)

(548.1)

2,752.8

28,213.3

30,966.1

5,493.3

23,696.5

29,189.8

15,001.1

15,001.1

950.8

(1,498.9)

(548.1)

Statewide Services

15,242.8

21,237.5

36,480.3

15,558.8

21,084.1

36,642.9

16,002.5

24,603.9

40,606.4

16,967.9

17,424.6

34,392.5

Office Information Technology

11,111.2

8,690.2

19,801.4

11,247.9

9,049.6

20,297.5

11,371.0

11,537.7

22,908.7

11,542.7

11,709.4

23,252.1

2,919.1

7,949.5

10,868.6

2,970.3

7,989.1

10,959.4

3,190.6

10,551.9

13,742.5

2,856.7

10,615.0

13,471.7

29,273.1

37,877.2

67,150.3

29,777.0

38,122.8

67,899.8

30,564.1

46,693.5

77,257.6

31,367.3

39,749.0

71,116.3

106,696.6

140,456.7

247,153.3

109,916.0

153,637.1

263,553.1

113,127.0

155,079.0

268,206.0

116,225.3

159,082.7

275,308.0

Total SYSBRA

Statewide Programs & Services

Systemwide Education & Outreach
Total SPS

University of Alaska Anchorage
Anchorage Campus
Small Business Development Center
Kenai Peninsula College

807.2

1,834.0

2,641.2

807.2

1,834.0

2,641.2

807.2

2,109.0

2,916.2

1,163.3

2,109.0

3,272.3

6,775.7

5,175.1

11,950.8

6,969.0

5,290.1

12,259.1

7,533.4

6,524.7

14,058.1

7,812.5

7,046.1

14,858.6

16

Kodiak College

2,802.8

1,551.2

4,354.0

2,890.8

1,581.5

4,472.3

2,927.0

1,627.3

4,554.3

2,951.6

1,681.5

4,633.1

Mat-Su College

4,557.5

4,603.8

9,161.3

4,809.1

4,694.6

9,503.7

4,944.4

5,614.7

10,559.1

4,984.9

5,764.8

10,749.7

Prince Wm Snd Comm. College

3,342.6

3,678.3

7,020.9

3,520.4

3,749.1

7,269.5

3,633.8

3,835.8

7,469.6

3,611.9

3,917.3

7,529.2

124,982.4

157,299.1

282,281.5

128,912.5

170,786.4

299,698.9

132,972.8

174,790.5

307,763.3

136,749.5

179,601.4

316,350.9

Total UAA

University of Alaska Fairbanks
111,700.2

129,411.3

241,111.5

114,617.3

137,577.5

252,194.8

120,013.2

142,767.5

262,780.7

124,962.7

137,780.2

262,742.9

Fairbanks Organized Research

Fairbanks Campus

21,357.8

115,553.5

136,911.3

21,606.2

112,673.9

134,280.1

22,672.8

119,460.1

142,132.9

23,748.7

120,536.0

144,284.7

Co-operative Extension Service

4,644.2

5,848.8

10,493.0

4,756.8

5,774.2

10,531.0

5,062.3

6,024.3

11,086.6

5,183.0

6,145.0

11,328.0

Bristol Bay Campus

1,406.6

2,244.3

3,650.9

1,487.4

2,274.8

3,762.2

1,531.3

2,328.6

3,859.9

1,598.7

2,452.7

4,051.4

972.1

1,276.3

2,248.4

1,017.5

1,293.1

2,310.6

1,049.0

1,320.9

2,369.9

1,093.3

1,354.7

2,448.0

Chukchi Campus
Interior-Aleutians Campus

1,919.0

3,355.7

5,274.7

1,928.6

3,641.2

5,569.8

2,221.5

3,988.1

6,209.6

2,164.2

4,051.5

6,215.7

Kuskokwim Campus

3,224.8

3,261.1

6,485.9

3,250.3

3,316.8

6,567.1

3,356.6

3,371.3

6,727.9

3,535.6

3,486.8

7,022.4

Northwest Campus

1,773.6

1,122.5

2,896.1

1,813.3

1,201.2

3,014.5

1,843.1

1,294.6

3,137.7

1,892.8

1,338.5

3,231.3

College of Rural & Community Dev.

5,743.9

7,772.7

13,516.6

6,078.6

7,775.0

13,853.6

6,332.0

7,037.1

13,369.1

6,508.9

7,184.0

13,692.9

UAF Community & Technical College
Total UAF

6,100.9

6,150.2

12,251.1

6,282.2

6,539.3

12,821.5

6,538.5

7,609.1

14,147.6

6,796.6

7,805.2

14,601.8

158,843.1

275,996.4

434,839.5

162,838.2

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444,905.2

170,620.3

295,201.6

465,821.9

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292,134.6

469,619.1
43,539.2

University of Alaska Southeast
22,146.1

20,709.3

42,855.4

22,468.2

20,581.0

43,049.2

22,929.1

21,624.8

44,553.9

23,502.1

20,037.1

Ketchikan Campus

Juneau Campus

2,791.0

2,206.8

4,997.8

2,770.4

2,759.0

5,529.4

2,979.2

2,813.3

5,792.5

2,888.0

2,879.6

5,767.6

Sitka Campus

3,067.6

4,228.0

7,295.6

3,423.5

4,367.4

7,790.9

3,647.3

4,507.9

8,155.2

3,760.9

4,616.0

8,376.9

28,004.7

27,144.1

55,148.8

28,662.1

27,707.4

56,369.5

29,555.6

28,946.0

58,501.6

30,151.0

27,532.7

57,683.7

343,856.1

526,530.1

870,386.2

355,683.1

542,380.1

898,063.2

363,712.8

560,632.7

924,345.5

376,703.1

537,518.8

914,221.9

Total UAS

Total University

104


INTRODUCTION

The University is in the midst of a major institutional directional change called the Strategic Direction Initiative (SDI). Beginning almost two years ago now, UA solicited the people of Alaska to help us chart a new course. We were highly encouraged by their strong response, their passion and their commitment to support the work that they said we have ahead of us.

The focus is now on taking all of the input and discussions and making them into “effect statements” to transition the University into the next phase of SDI… the so called “doing phase.” It is work in progress and operational and tactical approaches are being discussed to achieve the selected effects. Discussions continue on how the UA System can become more productive and aligned with the priorities of students, employers and the people of the state. Once complete, SDI will provide the budget framework for the future. As with FY14, the budget requests will continue to support the five themes:

- Student Achievement and Attainment
- Productive Partnerships With Alaska’s Schools
- Productive Partnerships With Public Entities and Private Industries
- Research and Development to Sustain Alaska’s Communities and Economic Growth
- Accountability to the People of Alaska

The Governor has proposed a 5-year fiscal plan to manage Alaska’s reserves and limit government spending and has committed to stepping down the levels of spending over the next five years. The details of the plan have yet to be released. As part of the FY15 budget planning process the University will continue to look at ways of capping growth. With the state’s emphasis on reducing growth, and as we move into the last phase of SDI, the request level for new programs is expected to be much more reliant on internal offsets than on general fund increase requests.

During FY15, the University’s focus will continue to be on:

- Streamlined efforts to move students through efficiently, successfully, and affordably
- Improving student access to an ever-expanding e-learning menu
- Specific initiatives to improve student preparedness for post-secondary work at UA (including student advising services)
- Cost containment for growing high-demand program areas without sacrificing quality of the programs
  - Engineering
  - Fisheries
  - Mining
  - Teacher education
  - Health/biomedical
  - Workforce Development
  - Research – applied and basic research that has a strong focus on Alaska issues, such as alternative energy
- Program review, and where and when necessary, program prioritization
- Becoming known for our commitment to service
PROGRAM PRIORITIES

The budget aligns with and supports the highest priorities of our students, employers, and we believe aligns well with legislative intent. It focuses on:

- Initiatives to help more students graduate (sooner) and contribute to Alaska’s economy (faster)
- Support for training and education in Alaska’s high-demand jobs
- Research that tackles pressing Alaskan and National issues that UA is uniquely positioned to address, and that have the potential to attract high interest and create a source of alternative revenue

Educational output priorities for the University will not change significantly.

- Enhance college and workforce readiness and create attractive institutional conditions for excellent student success
- Continue emphasis on efficient and effective student enrollment, advising, retention, and timely completion at all levels
- Prepare Alaskans for the State’s high-demand jobs
- Win more competitive research grants and create commercial value from UA intellectual property spin offs
- Develop a culture of service to students

As usual we will continue our efforts to align with the public interests, conduct outreach, increase development, and pursue engagement efforts. International opportunities will be encouraged at all three MAUs.

FIXED COSTS

Fixed Costs/Administrative Requests will be developed using system wide standards. Information Technology (IT) and business process improvement initiatives will be vetted through the Information Technology Executive Council (ITEC) and System-wide Administrative Leadership Team (SALT). As part of the fixed cost review process, each MAU will follow the new approval plan for new facilities.

PERFORMANCE FUNDING POOL

In the University of Alaska there is a performance funding pool, with UAA, UAF, UAS and Statewide each controlling the source and distribution of its FY15 performance funding pool, used in support of performance management. Funds are internally reallocated each year and applied in support of strategic priorities and maintaining performance. The size of the pool is determined by annual circumstances and typically represents at least one percent of general funds. Reallocations are made in support of Strategic Direction Initiative and other priorities.

BUDGET ASSUMPTIONS

The budget will be developed using the following assumptions:

- The enrollment demographics outlook is challenging. However, various strategies are being considered to minimize any enrollment downturn, such as increasing the number of Alaska Performance Scholarship (APS) students attending UA and new efforts to increase retention and, thereby, increase the number of students getting to attainment and degree completion
- Externally funded research activity will be flat to slightly down unless very aggressively sought out
- Indirect Costs Recovery (ICR) will be flat to slightly down
- Tuition rate increases will be very modest, at best
• Compensation increases for staff and faculty will be below historical averages
• Retirement system employer contribution rates will remain at the FY14 levels
• We will continue to look for ways to mitigate healthcare cost increases, including a revamping of the wellness program

FY15 BUDGET TIMELINE

Below are key dates in the FY15 budget development process associated with BOR Action.

June
• BOR - FY14 Operating and Capital Budget Acceptance
• BOR - FY14 Operating and Capital Budget Distribution Plans Approval
• BOR - FY14 Natural Resources Fund Budget Allocation Approval
• BOR - FY14 Student Government Budget Approval
• BOR - FY15 Operating and Capital Budget Development Guidelines Approval

September
• BOR - First Review of FY15 Operating and Capital Budgets, and Capital Improvement Plan
• President’s formal budget meeting with Governor’s Office of Management and Budget (OMB)

November
• BOR - FY15 Operating and Capital Budget Request Approval
• BOR - FY15 Capital Improvement Plan Approval
• Submit Board of Regents’ FY15 Budget to the Governor’s Office of Management and Budget (OMB)
MEMORANDUM

To: Pat Gamble, University of Alaska
Ted Leonard, AIDEA
Sara Fisher-Goad, Alaska Energy Authority
Mike Cerne, Alaska Seafood Marketing Institute
Craig Campbell, Alaska Aerospace Corporation
Mike Burns, Alaska Permanent Fund Corporation
Jeff Jessee, Alaska Mental Health Trust Authority
Dan Fauske, Alaska Housing Finance Corporation
Diane Barrans, ACPE
Administrative Services Directors

Date: July 29, 2013

From: Karen J. Rehfeld
Director

Subject: FY2015 Preliminary Budget Discussions

Governor Parnell emphasized fiscal responsibility as the cornerstone of our economy. He set a new, lower band of spending over the next five years, with FY2014 being year one. The framework for the five-year fiscal plan is based on slowing spending growth, conserving budget reserves, and boosting oil production and economic growth.

Agencies have done a very good job of managing their budgets to the available funding levels over the past several years, which has resulted in greatly reduced supplemental requests. Please be prepared to discuss areas in the FY2014 budget that are challenging and what options are available to address the issue without the need for additional funding.

In preparing for our upcoming budget discussions, assume NO increases in the FY2015 budget and be prepared to provide specific proposals for efficiencies and savings – including repeal of policies, regulations, and statutes that are no longer necessary or that add administrative cost and burden. Proposed legislation with budget impacts should also be discussed during these preliminary meetings. Also, consider opportunities to phase in programmatic changes that could result in even greater savings in the FY2016 budget and beyond.

Opportunities to restructure programs and find savings will also help reduce costs. With a record number of employees retiring over the next few years, we need to maximize the benefit of transferring their knowledge and experience to improve service delivery. Do not assume we should fill every vacant position. Any vacant position should be looked at as an opportunity to create efficiency within your department/agency by restructuring, re-evaluating, and shifting responsibilities where it makes sense; and finding ways to reduce costs and staff through downsizing rather than layoffs.

There are many ways to control government spending. We must continue our efforts to streamline business processes and workflow to eliminate layers of bureaucracy and administrative burden, as well as improve internal policies within and between departments. These collaborative efforts will help remove barriers to efficient operations and make us more efficient at providing the services Alaskans expect from their state government.
Department Preparation - Using RESULTS - the performance framework - to describe the budget is a powerful tool the administration can use to demonstrate to the public where funds are being invested and what services Alaskans receive as a result. Focus on your department’s mission and core services. Are there existing resources which could be reallocated to high priority projects and programs?

**Operating**

- **Hold the Line Budget** – OMB will allocate funding for statewide priorities, including salary increases and retirement system unfunded liability. There will be NO other State funded increases in agency budgets. **Do not propose adding new positions.**
  - Please be prepared to discuss the impact on service delivery with no additional funding in the next fiscal year.
  - What changes can be made or what existing resources can be reallocated to higher priority projects or programs to minimize impacts on service delivery without additional funding? What impact will there be in subsequent years?
  - Only mission-critical increases or those that directly support the Governor’s priorities will be considered for the FY2015 budget.
    - How is the program doing based on current data and trends?
    - Why does the department need the change in the budget?
    - What results for Alaskans do we expect from the proposed change?
    - What other agencies may be impacted and how has your agency coordinated with others?

**Capital**

- With less revenue forecast for FY2015, departments should focus on:
  - Projects that leverage other funds (GF Match).
  - Projects that are partially funded and need additional resources in FY2015 to be completed.
  - Projects that support regional infrastructure needs and economic development.
  - Rank project requests in priority order.
  - Please provide a status on currently authorized capital funding for your department: what has, or, has not been spent; what funds are available for reappropriation, or is there funding that should lapse to the general fund?
  - There is significant interest in cleaning up old project balances and closing out projects. Review the Capital Appropriation Status Report of previously funded projects – particularly projects over five years old, and be prepared to justify why we need to keep those projects on the books, if there has not been any substantive work done.

**Deferred Maintenance**

- The FY2015 Deferred Maintenance (DM) package is the fifth year of the Governor’s five-year initiative. Departments were asked to provide detailed information on project completion, facility condition improvements, and funds expended and funds remaining from existing appropriations.
  - Please provide a status report on DM projects at the Heads Up meeting.
Memorandum, FY2015 Preliminary Budget Discussions
July 29, 2013
Page 3 of 3

- Be prepared to discuss lessons learned since the start of this initiative and what changes you can make to your facilities' program that will result in greater efficiency cost saving and deferred maintenance avoidance over time, such as, moving to a centralized maintenance program.

**Federal Funding**

Be prepared to discuss changes in federal budget authorization as a result of the Budget Control Act sequestration or other federal changes. We need to keep these separate for tracking purposes. Departments need to assess the impact of budget reductions due to sequestration on Alaskans and agency missions, core services, and current capacity. Assessments should include review of the background on the federal program/funding and options for consideration.

It is unlikely that we will backfill federal reductions with state general funds but it is important to understand what departments are facing and your recommendations for managing the reductions.

**Heads Up Meetings**

The individual agency “Heads Up” meetings are scheduled between September 3-19. These meetings will originate in Juneau, at the Governor's large conference room on the third floor of the State capitol building. Video conferencing will also be available from the East conference room of the Governor's Anchorage office. For those of you who may need to call into the meeting instead of attending in person, a GCI call-in number will be set up and emailed to you.

Meeting attendees will include the Governor's office staff, OMB analysts and anyone you may choose to bring from your agency. Please be prepared to discuss your preliminary FY2015 budget recommendations.

Attached is a copy of a draft agenda and the FY2015 Budget Heads Up meeting schedule. If you have questions about the schedule, please contact Lynn Castle at 465-4660.

I look forward to working with you on the budget. If you have any questions, please call me or your OMB analyst.

Attachments:
FY2015 Budget Heads Up Meeting DRAFT AGENDA
FY2015 Budget Heads Up Meeting Schedule

cc: Governor's Special Assistants
OMB Staff
FY2015 Budget Heads Up Meeting

DRAFT AGENDA

To make the best use of our limited time during the September Heads Up meetings, the following is provided for planning purposes:

<table>
<thead>
<tr>
<th>Order</th>
<th>Agenda Item</th>
<th>Estimated time (adjust as necessary)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.</td>
<td>Performance Report</td>
<td>15 minutes</td>
</tr>
<tr>
<td>II.</td>
<td>Potential FY 2014 Supplemental Items</td>
<td>15 minutes</td>
</tr>
<tr>
<td>III.</td>
<td>Long Range Plan –</td>
<td>15 minutes</td>
</tr>
<tr>
<td></td>
<td>What “Big Rocks” are looming out there?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>What potential problems do you see?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Federal funding issues/reductions?</td>
<td></td>
</tr>
<tr>
<td>IV.</td>
<td>Operating Budget</td>
<td>30 minutes</td>
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<tr>
<td></td>
<td>• Hold the Line Budget</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mission Critical/Priorities</td>
<td></td>
</tr>
<tr>
<td>V.</td>
<td>Capital/Deferred Maintenance Budget</td>
<td>30 minutes</td>
</tr>
<tr>
<td>VI.</td>
<td>Proposed Policy, Regulatory, and/or Statutory changes</td>
<td>15 minutes</td>
</tr>
<tr>
<td></td>
<td>Savings/Efficiencies</td>
<td></td>
</tr>
</tbody>
</table>

Please highlight areas where your responsibilities overlap with other agencies and any challenges or opportunities as a result.

We are not asking agencies to submit ABS change records for the Heads Up meetings. However, we do expect agencies to use ABS to develop their requests. This will provide a more complete plan including line item, fund source, total amounts, positions, and adequate justification for increasing the agency’s current capacity. An ABS change record should provide sufficient detail for your presentation, and information to be considered by the Budget Review Team.

If you have any questions, please contact your OMB analyst.

July 29, 2013
<table>
<thead>
<tr>
<th>Day</th>
<th>Month</th>
<th>Date</th>
<th>Time</th>
<th>Department / Agency</th>
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<tbody>
<tr>
<td>Tuesday</td>
<td>September</td>
<td>3</td>
<td>1:30 pm - 3:30 pm</td>
<td>Natural Resources</td>
</tr>
<tr>
<td>Wednesday</td>
<td>September</td>
<td>4</td>
<td>9:00 am - 11:00 am</td>
<td>Law</td>
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<td></td>
<td></td>
<td></td>
<td>1:30 pm - 3:30 pm</td>
<td>AHFC and AGDC</td>
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<tr>
<td>Thursday</td>
<td>September</td>
<td>5</td>
<td>9:00 am - 11:00 am</td>
<td>DVSA</td>
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<td>1:30 pm - 3:30 pm</td>
<td>Corrections</td>
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<tr>
<td>Friday</td>
<td>September</td>
<td>6</td>
<td>9:00 am - 11:00 am</td>
<td>Revenue</td>
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<td></td>
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<td>1:30 pm - 3:30 pm</td>
<td>Education</td>
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<tr>
<td>Monday</td>
<td>September</td>
<td>9</td>
<td>9:00 am - 11:00 am</td>
<td>Office of Governor</td>
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<td>1:30 pm - 2:30 pm</td>
<td>Postsecondary Education</td>
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<td>OPEN</td>
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<td>Public Safety</td>
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<td>9:00 am - 11:00 am</td>
<td>Admin</td>
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<td>1:30 pm - 3:30 pm</td>
<td>Labor</td>
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<td>ASMI</td>
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<td>1:30 pm - 3:30 pm</td>
<td>Transportation</td>
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<td>Friday</td>
<td>September</td>
<td>13</td>
<td>9:00 am - 11:00 am</td>
<td>Health &amp; Social Services</td>
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<td>1:30 pm - 3:30 pm</td>
<td>Environmental Conservation</td>
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<td>Permanent Fund Corp.</td>
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<td>Fish and Game</td>
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<tr>
<td>Tuesday</td>
<td>September</td>
<td>17</td>
<td>9:00 am - 11:00 am</td>
<td>AIDEA &amp; AEA</td>
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<td></td>
<td>1:30 pm - 3:30 pm</td>
<td>DCCED-Commerce</td>
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<td>Wednesday</td>
<td>September</td>
<td>18</td>
<td>9:00 am - 11:00 am</td>
<td>University</td>
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<td>1:30 pm - 3:30 pm</td>
<td>Mental Health Trust</td>
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<td>Thursday</td>
<td>September</td>
<td>19</td>
<td>9:00 am - 11:00 am</td>
<td>DMVA</td>
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<td></td>
<td></td>
<td></td>
<td>1:30 pm - 2:30 pm</td>
<td>Aerospace</td>
</tr>
</tbody>
</table>
References
University of Alaska
Expenditure by Category and Revenue by Fund Type
FY13 preliminary

Expenditure by Category

- Salaries & Benefits: 60.0%
- Land/Buildings: 3.6%
- Miscellaneous: 7.7%
- Commodity: 2.2%
- Equipment: 4.0%
- Travel: 2.7%

Revenue by Fund Type

- Unrestricted Funds: $620.6
- Restricted Funds: 181.2
- Designated Funds: 4.4
- Auxiliary Funds: 41.9
- Sub-Total: 848.1
- UA Intra-Agency (UAIAR): (56.4)
- Total (in millions): $791.7
University of Alaska Revenue by Source
FY09-FY12, FY13-FY14 est.

1. UA Intra Agency Receipts are excluded from this table, but are included in the totals in the rest of the publication.

2. State Appropriations include one-time funding for utility cost increases: FY09 $4,840.0; FY10 $3,630.0; FY11 $3,080.0; FY12 $3,960.0; FY13 $4,680.0 and FY14 $4,680.0 (estimate).
<table>
<thead>
<tr>
<th>MAU/Campus/Program Title</th>
<th>State Approp.</th>
<th>Rept. Auth.</th>
<th>Total</th>
<th>State Approp.</th>
<th>Rept. Auth.</th>
<th>Total</th>
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<td><strong>STUDENT ACHIEVEMENT AND ATTAINMENT</strong></td>
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<tr>
<td>UAA ANC</td>
<td>Mandatory Comprehensive Student Advising</td>
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<td>Work, Career and Community Engagement</td>
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<td>UAS JUN</td>
<td>Teacher Education: Implementing Alaska State Literacy Blueprint</td>
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<tr>
<td>Health/Biomedical</td>
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<td>UAA/UAF Joint Doctoral Program in Clinical-Community Psychology</td>
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<td>Center for Mine Training</td>
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<td>200.0</td>
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<td><strong>Productive Partnerships with Public Entities and Private Industries Total</strong></td>
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<td>R&amp;D TO SUSTAIN ALASKA’S COMMUNITIES AND ECONOMIC GROWTH</td>
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<td>UAF FBK</td>
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<td>100.0</td>
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<tr>
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<td>7,733.2</td>
<td>1,551.1</td>
<td>82.8</td>
<td>1,633.9</td>
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</tbody>
</table>
First Review of FY15 Capital Budget and 10-Year Capital Improvement Plan

Board of Regents
September 26-27, 2013
Juneau, Alaska

Prepared by Statewide Planning & Budget
450-8191
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University of Alaska
Proposed FY15 Capital Budget Request and
10-Year Capital Improvement Plan

Introduction

Presented within are the proposed FY15 Capital Budget Request and the 10-Year Capital Improvement Plan. The goal of the Board of Regents’ University of Alaska FY15-FY24 Capital Improvement Plan (CIP) is to guide decision making that ensures the necessary facilities, equipment, and infrastructure are in place to support the academic direction of the university system as prescribed in the UA Academic Master Plan, and supports the continuous improvement philosophy found in the Strategic Direction Initiative (SDI). The extended capital forecast also permits consideration of the associated future annual operating costs that may be incurred.

The capital budget presents the top priority projects for FY15 and an objective look at the short-, mid-, and long-term capital investment goals of the University. The top priority projects call for state investment of approximately $124.3 million required to sustain University of Alaska facilities. Requests include Deferred Maintenance (DM), Annual Renewal and Repurposing (R&R), funding to complete the UA Engineering Buildings, and work to begin on a replacement cogeneration heat and power plant at UAF. A significant amount of General Fund money is being spent on research directly related to the Alaskan economy that can be accomplished much more effectively within the UA system. We propose transitioning that research work over to UA starting in FY15. The Proposed FY15 Capital Budget Request is summarized below, with full descriptions beginning on page 33.

- UA's FY15 Deferred Maintenance request of $37.5 million has been, unquestionably, one of the single most important investments the state has made in UA, and will be in the fifth, and last, year of the Governor’s 5-year plan to reduce the State’s DM backlog. Another 5-year commitment to this huge task would sustain the momentum the past years have created. The highest priority DM and R&R projects at the main campuses are the UAA Campus Building Envelope & Roof Systems Renewal, UAF Cogen Heating Plant Required Upgrades to Maintain Service and Code Corrections in Fairbanks, and the UAS Technology Education Center Renewal in Juneau.

- Renewal and Repurposing (R&R) Requirement and annual sustainment funding of $50 million is approximately 2.5% of the UA’s facilities adjusted value, and fully funding annual R&R is universally acknowledged as the way to prevent adding to the maintenance and R&R backlog. The University has also proposed legislation for a University Building Fund (UBF) that will model the State’s Alaska Public Building Fund. Legislation would include a fiscal note to establish base state appropriation funding for the UBF, which unanimously passed the Senate in last session and is pending in the House for action in January 2014.

- New Starts/Continuation funding is requested to complete the UA Engineering Buildings under construction at UAA and UAF. Work must begin to replace the cogeneration heat and power plant at UAF. Priority new construction requests that have already received some planning approval are included in the 10-year capital improvement plan for consideration in
future capital budget requests, while other short-term projects are still to be decided (TBD). The 10-year capital improvement plan is included on page 32.

- Planning and Design requests are not included in the FY15 budget request. Projects to be included in the short-term of the 10-year capital improvement plan will be determined based on a Mission Area Analysis (MAA) and a Statement of Need (SON) provided by the MAUs. Additional planning and new construction projects for the mid- and long-term planning horizons will be determined based on support of academic and strategic goals.

- Research for Alaska only includes funding to support research efforts Alaska wants and needs in order to address critical state requirements in the areas of earthquake prediction and monitoring, Arctic oil spill response, and greatly enhancing state digital resource cartography.
# University of Alaska
## Proposed FY15 Capital Budget Request
*(in thousands of $)*

<table>
<thead>
<tr>
<th>Deferred Maintenance (DM) / Renewal &amp; Repurposing (R&amp;R)</th>
<th>State Approp.</th>
<th>Receipt Auth.</th>
<th>Total</th>
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<tbody>
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<td><strong>Deferred Maintenance (DM)</strong></td>
<td>37,500.0</td>
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<td>37,500.0</td>
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<tr>
<td><strong>Renewal &amp; Repurposing (R&amp;R)</strong></td>
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<td></td>
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<tr>
<td>UAA Main Campus</td>
<td>TBD</td>
<td></td>
<td>TBD</td>
</tr>
<tr>
<td>UAA Community Campuses</td>
<td>TBD</td>
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<td>TBD</td>
</tr>
<tr>
<td>UAF Main Campus</td>
<td>TBD</td>
<td></td>
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<td>UAF Community Campuses</td>
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<tr>
<td>UAS Main and Community Campuses</td>
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<td>SW Statewide</td>
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<td>UA University Building Fund DM</td>
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### Annual Renewal & Repurposing
#### Sustainment Initiative

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<td>UAF Cogen Heating and Power (CHP) Plant Boiler and Turbine Replacement*</td>
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<td>*</td>
<td>245,000.0</td>
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### Research for Alaska

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<td>UAF Digital Aerial Mapping of Alaskan Resources, including Rare Earth Metals</td>
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### University Receipt Authority for Capital Projects

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<th>Total</th>
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<tr>
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<td>30,000.0</td>
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### Total FY15 Proposed Capital Budget

| Total FY15 Proposed Capital Budget | 124,300.0 * | 44,500.0 * | 413,800.0 |

*UAF is considering three funding options which are detailed in the project description on page 34.*
### Deferred Maintenance (DM) / Renewal & Repurposing (R&R)

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<th>FY15 State Approp.</th>
<th>FY15 Receipt Auth.</th>
<th>Total FY16-FY17</th>
<th>FY18-FY19</th>
<th>FY20-FY24</th>
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### Annual Renewal & Repurposing Sustainment Initiative ¹

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<th>FY18-FY19</th>
<th>FY20-FY24</th>
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<td>Modernize Classrooms</td>
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### New Starts/Continuation ²

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<th>FY20-FY24</th>
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### Academic Facilities

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<th>FY18-FY19</th>
<th>FY20-FY24</th>
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<td>Engineering Building Completion (UAA and UAF) ³</td>
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<td>Health Sciences Phase II Building and Parking Structure (4)(5)</td>
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### Research Facilities

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<td>Alaska Center for Energy and Power Office Infill ($7M in University Receipts) ⁵</td>
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### Student Life (Housing), Support, and Other Facilities

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<tr>
<td>Student Commons ⁵</td>
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<td>12,000.0</td>
<td>13,000.0</td>
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</table>

### Research for Alaska

<table>
<thead>
<tr>
<th>Description</th>
<th>FY15 State Approp.</th>
<th>FY15 Receipt Auth.</th>
<th>Total FY16-FY17</th>
<th>FY18-FY19</th>
<th>FY20-FY24</th>
</tr>
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<tbody>
<tr>
<td>Improving Earthquake Prediction and Monitoring in Alaska ⁵</td>
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<td>2,500.0</td>
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<td>Arctic Oil Spill Response through Science Technology Center ⁴</td>
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<tr>
<td>Digital Aerial Mapping of Alaskan Resources, including Rare Earth Metals ⁴</td>
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### Receipt Authority for Capital Projects

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<th>Description</th>
<th>FY15 State Approp.</th>
<th>FY15 Receipt Auth.</th>
<th>Total FY16-FY17</th>
<th>FY18-FY19</th>
<th>FY20-FY24</th>
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<tbody>
<tr>
<td>Deferred Maintenance (DM) / Renewal &amp; Repurposing ³</td>
<td></td>
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<tr>
<td>Modernize Classrooms</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

1. Annual Requirement for R&R may also be considered as part of the building fund through the operating budget
2. Additional planning and new start projects for the out-years will be developed to support academic and strategic goals based on a Mission Area Analysis (MAA)/ Statement of Need (SON)
3. Includes new construction, known renovations to accommodate programmatic change and associated infrastructure costs
4. The first year of this capital request is for planning and design
5. Pending approval of MAA and SON
6. UAF is considering three funding options which are detailed in the project description page 34
FY15 Capital Budget Request Project Descriptions

**UA Deferred Maintenance (DM) and Renewal & Repurposing (R&R)**

Deferred Maintenance (DM) and Renewal and Repurposing (R&R)
FY15 (GF: $37,500.0, Total: $37,500.0)
FY16-FY20 (GF: $187,500.0, Total: $187,500.0)
This request is the fifth year of the Governor’s $100 million per year commitment to the reduction of the State’s deferred maintenance. This portion has been assigned to UA in the past based on the square footage of the State’s facilities, excluding roads.

**Annual Renewal & Repurposing Sustainment Initiative**
Renewal and Repurposing (R&R) Requirement and annual sustainment funding of $50 million is approximately 2.5% of the UA’s facilities adjusted value, and fully funding annual R&R is universally acknowledged as the way to prevent adding to the maintenance and R&R backlog. The University has also proposed legislation for a University Building Fund (UBF) that will model the State’s Alaska Public Building Fund. Legislation would include a fiscal note to establish base state appropriation funding for the UBF, which unanimously passed the Senate in last session and is pending in the House for action in January 2014.

**UA New Construction**

**UAA Engineering Building Completion**
FY15 (GF: $45,600.0, Total: $45,600.0)
The School of Engineering has spent over $500K in FY10 for the use of temporary facilities including two 1,000 gsf portable buildings located north of the Engineering building; rental of a warehouse off campus for use as a design studio; the temporary reallocation of the ULB Annex for Engineering program needs. The State of Alaska moved out of the ULB Annex space in late July 2009 and it was intended for University Police and IT system backup to occupy this space. These dispersed on and off campus facilities of about 14K gsf help meet the current program needs, but are extremely inefficient for effective program delivery and still are substantially less than peer institutions.

UAA engineering is experiencing dramatic growth in its enrollments with a near doubling of the entire program in the past five years now at nearly 1,000 students. New baccalaureate engineering and related associate and certificate programs were created to meet industry demand and have been one of the driving forces for the enrollment increases. The existing engineering building was built in the early 1980s and is currently undersized. The selected site for the new building is directly south of the Bookstore and would connect with the new Health Science Building across Providence Drive. The site selected for the parking garage is north of the existing Engineering Building and will require the realignment of Mallard Lane into its existing right of way.

**UAF Engineering Building Completion**
FY15 (GF: $33,300.0, NGF: $10,000.0, Total: $43,300.0)
The University of Alaska Fairbanks, responding to the 100% increase in student enrollment and graduation of baccalaureate trained engineers called for in the University of Alaska Statewide Engineering Expansion Initiative, has started construction on the UAF Engineering Facility at the Fairbanks campus. The new UAF Engineering Facility responds to the initiative to graduate more engineering students, enhances the student experience for engineering students and other students campus-wide with a visible and interactive learning environment, integrates UAF’s successful
FY15 Capital Budget Request Project Descriptions

engineering research and graduate programs, and addresses critical classroom needs. The proposed facility of 119,100 gross square feet (gsf) is ideally situated adjacent to the existing Duckering Building currently housing the College of Engineering and Mines (CEM) and provides the opportunity to complete Cornerstone Plaza with an attractive and functional focal point at the far side of the UAF main campus. The new facility will have five floors blending with surrounding buildings while standing out as a new and exciting campus destination. In addition, the new facility maintains full connectivity to the existing Duckering building and programs and connects to the nearby Bunnell Building. The facility plan will provide approximately 30,000 gsf of renovation to portions of Duckering to provide a functional connection with the proposed new building and to allow efficient use to better serve the needs of the engineering program. Work on the project began April 2013. The remaining $35M in funding is required to complete the building. If received by May 2014, the project should be complete by January 2016.

UAF Cogen Heat and Power (CHP) Plant Boiler and Turbine Replacement
FY15 (GF: TBD, NGF: TBD, Total: $245,000.0)
The 2006 Utilities Development Plan identified the preferred option for providing current and future energy (electricity and building heat) to the UAF campus to be replacing and expanding the current coal-fired combined heat and power (CHP) plant. New efficient coal boilers represent the lowest life cycle cost of the options explored. The existing coal boilers and steam turbine have reached the end of their useful life and need to be replaced prior to experiencing a catastrophic failure. The campus energy needs have also grown to the point where purchases of power from Golden Valley Electric Association and use of oil have significantly increased UAF’s energy costs. A new efficient plant will decrease annual operating costs. UAF is considering the following three funding options.

<table>
<thead>
<tr>
<th>Capital Financing Terms and Operating Budget Request Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Approp.</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>A. Capital Appropriation/UA Rev Bond</td>
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<tr>
<td>B. State Interest Free Loan</td>
</tr>
<tr>
<td>C. P3 (Public-Private Partnership finance/or Non-Profit Entity, State &amp; UA Annual Payment)</td>
</tr>
</tbody>
</table>

A. This option includes funding of $195M from the State and UAF would issue debt of $50M over a 20 year term with an estimated annual payment of $4.0M. Debt will be serviced by CHP operating savings.
B. This option includes an interest free loan of $245M from the State. UAF would make an annual payment of $4.9M over a 50 year term to be paid from CHP operating savings.
C. This option includes the projected lease payments from UAF and the State to a private developer or non-profit entity that would issue the debt. The annual payment of $19.7M would be over a 20 year term. UAF’s payment of $4.0M will be serviced from CHP savings and an additional $15.7M would be required annually from the State.
Research for Alaska

Adapting the EarthScope Seismic Array for Earthquake Assessment
FY15 (GF: $5,000.0, NGF: $2,500.0, Total: $7,500.0)
The National Science Foundation (NSF) has funded a monumental project to blanket the United States with a transportable grid to record the minute vibrations of the Earth. NSF is now looking to move the grid to Alaska in 200+ locations across the state. NSF is making an estimated $40M investment in the Alaska Transportable Seismic Array as part of this EarthScope project. EarthScope will include with the seismic stations the required communications and technology infrastructure not currently available in many remote locations in the state. Each station has a residency time of about two years, after which the station is planned to be moved to the eastern edge of the array. This $40M federal investment is not conditional on additional state funding however, it creates an opportunity to leverage this investment from NSF to ensure this one-time opportunity benefits Alaska directly and beyond the scheduled two year project term.

Alaska has a one-time opportunity to transform a temporary investment into a sustained earthquake monitoring and production network. By filling in significant monitoring gaps in the current very limited seismic network, Alaskans will be provided data necessary to better understand the earthquake risks to our communities and information and enhance our capacity to warn and respond.

The first of these funds will allow UAF to buy out the infrastructure, in place, and diversify the types of environmental measurements. A large portion of the investment by NSF will pay for installation of the infrastructure to support the stations. With the seismic stations installed, they can be augmented with additional tools to measure Alaska’s environment at a fraction of the cost to install from scratch. With the infrastructure in place, it becomes possible to communicate this information across the State in a timely manner. This investment will, for the first time, provide sustained comprehensive earthquake monitoring across Alaska.

Improving Arctic Oil Spill Response through a Dedicated Science and Technology Center
FY15 (GF: $1,000.0, NGF: $2,000.0, Total: $3,000.0)
One of the areas of highest interest and potential for new development in oil production is in the Alaskan Arctic offshore where it is estimated there are more than 23 billion barrels of technically recoverable oil exist. Exploration and development of these resources are dependent on public trust in the capacity to prevent, respond to and mitigate the effects of an offshore arctic oil spill. The danger of oil spills – whether from exploration, production, ship traffic, or land-based activities – can best be mitigated by thoroughly informed decisions based on integrated, multi-dimensional knowledge of the operations and the total environment, including the people. In terms of risk mitigation, prevention is always the first priority.

This funding will support research and educational programs developed at UAF through an Arctic Center for Oil Spill Research and Education (A-CORE). Funds will build the infrastructure required to partner effectively with State and Federal agencies, industry, and other academic institutions. A-CORE will provide the structural framework for developing and sustaining the type of transformational science and technology, education, and knowledge transfer collaborations necessary to address the complex challenges associated with exploration, development, and transport in the future.
Digital Aerial Mapping of Alaskan Resources, including Rare Earth Metals
FY15 (GF: $1,900.0, Total: $1,900.0)
Alaska’s Statewide Digital Mapping Initiative (SDMI) is an interagency program producing updated high-resolution imagery and elevation model data for the entire state. The base imagery and elevation mapping program is well underway, with a new, high resolution satellite image of the entire state to be complete in 2014. Elevation mapping statewide is projected to be complete within the decade. This proposed effort will be directed at providing much needed information critical for assessment and potential development of Alaska’s resources. Increased capability to monitor and document land surface conditions and characteristics will improve our ability to detect and respond to the changing environment, assess resources, and plan new development. Such monitoring is particularly needed in regions of rapid change, such as in areas changed by wildfires, along coast lines, near glaciers and in zones of rapidly degrading permafrost. In addition to using traditional remote sensing technology the university will use part of this funding to advance the use of new technologies including hyperspectral imaging which will dramatically enhance the ability to locate new mineral deposits, clarify vegetation types and improve the ability to track oil spills in ice covered waters.

University Receipt Authority

University Receipt Authority for Capital Projects
FY15 (NGF: $30,000.0, Total: $30,000.0)
This request is an estimation of potential university receipt authority needed for FY15-FY16 projects at the main and community campuses. Prior university receipt authority has been used for projects such as the UAA Anchorage Campus Security Cameras for $830.5, UAF Fine Arts Recital Hall Renovation for $225.0 and UAS Dormitory Heating Systems for $400.0.

10-Year Capital Improvement Plan Projects (FY15-FY23)

UAA Health Sciences Phase II Building and Parking Structure
FY20-FY24 (GF: $12,000.0, Total: $12,000.0) - Planning
FY20-FY24 (GF: $109,000.0, Total: $109,000.0)
UAA is uniquely situated, surrounded by two of the largest hospital complexes in Alaska. As the U-Med District grows, partnerships with neighboring institutions continue to emerge. For the past decade, the University has been in discussion with neighboring institutions about partnering for joint-use health care training facilities. In addition, the demand for health care professionals throughout the state has resulted in a call for increased course and program offerings that UAA is unable to meet because of a lack of facilities. In FY09, the Alaska State Legislature appropriated $46M for the construction of the Health Sciences Building. This funding provided for construction of a 65,000 gsf. building to be located on the land parcel UAA received in the 2005 land trade with Providence Hospital. During programming for this building and for the Health Sciences programs, it was determined that this facility would become Phase I and would only be able to house the Nursing and WWAMI programs with some functions remaining in existing space on the West Campus. It was determined that approximately 99,500 additional gsf of space would be needed in Phase II to accommodate the additional programmatic needs of the Allied Health programs and other health science programs, as well as classroom and administrative space. The UAA Health Sciences Subdistrict Plan consists of nine acres of prime road-front real estate on Providence Drive and is contiguous with the main campus. The plan was approved by the BOR in February 2009 as an amendment to the 2004 UAA Master Plan. It calls for several high profile buildings to be located on this
site that will require a high volume of parking. In accordance with the UAA Master Plan, all future parking should be consolidated in parking structures to reduce the impact on developable land, provide better traffic control on the campus and reduce the negative visual impact of surface parking. This project was identified in the 2003-2013 timeframe of the 2004 UAA Master Plan as amended in February 2009. It is in keeping with the UA Strategic Plan goals of student success, educational quality, faculty and staff strength, and responsiveness to state needs, technology and facility development.

UAA Kodiak Career & Technical Education Center
FY18-FY19 (GF: $2,300.0, Total: $2,300.0) - Planning
FY18-FY19 (GF: $22,000.0, Total: $22,000.0)
The Vocational Technology Center (VOTECH) Building on the Kodiak campus was constructed in 1973 and as its outdated name implies, was designed and built for a different era. The facility no longer meets the Career Vocational and Technical (CTE) needs of industry and business partners for the types of classes and workforce training needs currently in demand in the Kodiak community, including the largest US Coast Guard base and island’s seven rural villages. Attempting to meet the expanded and steadily increasing needs over the last seven years, the College has been only partially successful by conducting courses at the local high school. Unfortunately, courses may only be offered after the traditional high school day, thereby severely limiting the number of programs and courses offered. Local school district prioritization limits availability and access to facilities to one or occasionally two weekday evenings only, with no ability to use facilities during traditional workday hours, on weekends, during school vacations, closures and summer months. Having more hours of access to facilities in which to offer courses would allow the college to increase opportunities for students.

In order to meet the growing program and space needs for the construction, welding, occupational safety, fitness, marine maintenance and repair, alternative energy, diesel, small engine and mechanical trades and address the issues associated with the current building, an expansion of the existing facility should be constructed to house these programs. In the past two years alone, new grant funded equipment has been obtained by the college totaling more than $280,000. This equipment would be more secure, better maintained and less likely to be misused or damaged if access were limited to college students in a college location. It has become a challenge to ensure correct use and effective stewardship of these valuable resources. Kodiak students are forced to pay much more for course materials fees due to the inability of the College to buy materials in bulk due to storage limitations. The campus is therefore in need of a secure warehouse and maintenance shop space to support the equipment used to maintain campus facilities and store equipment when not in use. Having this equipment has reduced the reliance on independent contractors, thereby reducing maintenance expenses, e.g. snow removal, grounds maintenance, etc.

UAF Alaska Center for Energy and Power Office Infill
FY16-FY17 (GF: $5,500.0, NGF: $7,000.0, Total: $12,500.0)
In April 2008, UAF launched the Alaska Center for Energy and Power (ACEP), a new research unit to investigate energy options for the state. ACEP builds upon years of energy research organized under the Arctic Energy Technology Development Laboratory. ACEP is part of the Institute of Northern Engineering, the research branch of the College of Engineering and Mines. Although its administrative home is UAF, ACEP integrates energy research across University of Alaska campuses and the state. ACEP’s mission is to meet state, industry and federal demand for applied energy research to lower energy costs throughout Alaska, and to develop economic opportunities for the state, its residents and industries.
FY15 Capital Budget Request Project Descriptions

For ACEP to help meet the demand for applied energy research in Alaska, it is crucial that the program have designated space to conduct research, testing and demonstration. ACEP must also have space where public and private entities can interact with the university. With its present distribution across campus, there is no central location that brings the university and the community together around energy solutions. In addition, the lack of appropriate space also makes it challenging to hire and retain the type of world-class researchers needed to meet ACEP’s long-term program goals.

UAS Student Commons
FY17 (GF: $1,000.0, Total: $1,000.0) - Planning
FY18 (GF: $12,000.0, Total: $12,000.0)

Per the 2012 UAS Masterplan: The primary challenge facing UAS in its mission to support community engagement is the lack of suitable venues on all three campuses for engaging the broader community and partners with shared visions and goals. As a result, UAS continues to hosts a variety of forums, lectures, and cultural performances in spaces ill equipped or large enough to accommodate large gatherings. The university’s popular Evening at Egan Lecture Series, for example, is hosted in the Egan Library. This space lacks appropriate seating and sightlines for large audiences.

All three campus locations would benefit from larger venues for hosting music, dance, theatrical and other cultural performances. Smaller venues specifically designed for the temporary installment and public demonstration of student, faculty, and visiting lecturer research and creative expression is also lacking. Current space utilized for this purpose is often in high traffic corridors and hallways that do not lend themselves to public viewings or small group discussion.

Improvements to Juneau Campus dining options and facilities are a high priority. Commuter and resident students alike would benefit from both convenient locations as well as diverse food options. With the new resident hall at the Juneau Auke Lake campus, updated and redesigned dining facilities should be a high priority.

Amenities should be built and expanded that encourage both resident and commuter students to remain on campus in order to strengthen both the social and academic aspects of campus life. This is an especially critical need during the winter months. Indoor amenities could include:

• Coffee house
• Improved late-night food options
• Game areas and wellness rooms
• Comfortable lounge space and study space
• Relocated/expanded retail opportunities

Juneau campus vision: Multiple gathering spaces are provided in central locations as a resource for commuter students as well as residential students. A new firstyear student residence hall with living/learning center will be tucked away in wooded hillside within campus Kwáan. A new student union will provide expanded dining options and relocate the bookstore also within the campus Kwáan.
UAF housing Receipt Authority
FY18-FY19 (NGF: $65,000.0 Total: $65,000.0)
As part of the Student Life: Transforming the UAF Experience project, UAF proposes to provide new student housing units. The housing will be the first phase in a plan to increase the quality and quantity of housing stock.

Kuskokwim Campus Consortium Learning Center
FY18 (GF: $700.0, Total: $700.0) - Planning
FY19 (GF: $6,500.0, Total: $6,500.0)
The Kuskokwim Campus Consortium Learning Center will provide access to information, resources, and services to all members of the Bethel community. The new learning center will allow access to the entire collection along with improved seating and study areas for students and area residents.

University Fire Department (UFD) Emergency Services and Management Facility Replacement
FY20-FY24 (GF: $700.0, Total: $700.0) - Planning
FY20-FY24 (GF: $12,300.0, Total: $12,300.0)
The UAF Fire Department urgently needs a new facility to meet current and future demand for educated, experienced firefighters and emergency medical responders. The Whitaker building on the UAF campus has served these functions well but lacks sufficient space to meet realized and anticipated growth in enrollments, and has significant mechanical and structural problems.
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<th>Project Name</th>
<th>DM</th>
<th>R&amp;R</th>
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<tr>
<td>Campus Building Envelope &amp; Roof Systems Renewal</td>
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<td>KPC Campus Renewal</td>
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<td>Cogen Heating Plant Required Upgrades to Maintain Service</td>
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<td>and Code Corrections (Ph3)</td>
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<td>Fairbanks Main Campus Wide Roof Replacement</td>
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<tr>
<td>Lower Campus Backfill Renovations per 2010 Masterplan</td>
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<td>Tilly Commons Demolition</td>
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<td>Student Services Renewal - Wood Center Student Union</td>
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<td>Kuskokwim Campus Facility Critical Deferred and</td>
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<td>Voc-Tech Renewal -- Phase 2</td>
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University of Alaska
FY15 Priority Deferred Maintenance (DM) and Renewal and Repurposing (R&R) Projects State Appropriations (in thousands of $)

<table>
<thead>
<tr>
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UAA Main Campus

• **Campus Building Envelope & Roof Systems Renewal**
  FY15 (GF: $2,000.0, Total: $2,000.0)
  FY16-FY20 (GF: $10,000.0, Total: $10,000.0)
  This project will address campus-wide deferred maintenance and renewal and renovation requirements for building envelope and roof systems. It will include roof repair and replacement, doors, windows, vapor barriers, siding, weatherization, insulation; and other building envelope issues.

• **Campus Building Interior & Systems Renewal**
  FY15 (GF: $1,000.0, Total: $1,000.0)
  FY16-FY20 (GF: $5,000.0, Total: $5,000.0)
  Many of the original buildings on the UAA Campus were constructed in the early- to mid-1970s and the building systems are beginning to fail and are no longer adequate for the current demands and require replacement or upgrading. The Mechanical, Electrical and HVAC systems in particular fall into this category, however replacement parts for many of these systems are no longer available. The systems are very expensive to operate due to their low efficiencies. Replacement of these systems would allow for increased energy efficiencies and better environmental control throughout the building. This project will replace failing piping, inadequate electrical systems, inefficient lighting, boilers, fans, deficient VAV boxes and upgrade the building automation system controls.

• **Campus Exterior Infrastructure and Signage Renewal**
  FY15 (GF: $250.0, Total: $250.0)
  FY16-FY20 (GF: $1,250.0, Total: $1,250.0)
  The UAA campus is over 30 years old and many of the roads, trails, sidewalks, parking areas, curbs and gutters are part of the original construction or have been impacted by construction, repair and renovation projects over the years. This results in uneven surfaces, lack of adequate sidewalks and other deficiencies that pose a safety hazard or are increasingly susceptible to additional damage. Increased enrollment and subsequent staffing increases dictate a need to upgrade and repair these surfaces in order to maintain a safe and effective environment for students, staff and the public, as well as a need to provide adequate exterior wayfinding signage.

• **EM1 and EM2 Mechanical**
  FY15 (GF: $1,250.0, Total: $1,250.0)
  FY16-FY20 (GF: $2,248.8, Total: $2,248.8)
  The Energy Modules (EM1, EM2) were constructed in 1977 and provide heating and cooling services for a number of campus facilities. The Energy Module boilers, pumps and piping systems are over 30 years old and has been failing due to age, corrosion and fatigue. Many of these failures have occurred during the winter months when additional stresses are placed on the systems due to increased heating demands and environmental impacts. These failures further impact other systems, thus driving up the associated costs. Emergency repairs are very expensive and have a severe impact on students, faculty and staff working in the buildings served by these modules.
• **WFSC Near Term Renewal & Repurposing**  
  FY15 (GF: $5,000.0, Total: $5,000.0)  
  In FY09, the State Legislature appropriated $15M for design and site development for a new Sports Arena on the UAA Campus, and fully funded the project in FY13 and FY14. This facility will allow for the majority of intercollegiate sports programs and related offices and operations to be housed in a separate facility. The 2013 Campus Master Plan calls for the eventual replacement of the WFSC with a new facility supporting Student Support Services and an expanded Student Union. However, in the near term, space will become available within the Wells Fargo Sports Complex for student sports, student activities, academics, and recreational offerings.

• **Consortium Library Old Core Mechanical Upgrades**  
  FY15 (GF: $2,500.0, Total: $2,500.0)  
  FY16-FY20 (GF: $7,658.2, Total: $7,658.2)  
  The original HVAC systems consist, for the most part, of equipment over 29 years old located within the four central building cores. The boilers, main supply/exhaust fan units, heating/cooling coils, galv. piping and humidification systems have all reached the end of their useful life. Major component parts are no longer available for these units. Control systems are no longer able to properly regulate air flow resulting in irregular temperatures and conditions within the building. The 2004 Library addition contains newer HVAC systems with different control and delivery systems that have resulted in incompatibilities between the two systems and has affected the efficiencies of both systems.

**UAA Community Campuses**

• **KPC Campus Renewal**  
  FY15 (GF: $500.0, Total: $500.0)  
  FY16-FY20 (GF: $2,500.0, Total: $2,500.0)  
  The Kenai River Campus includes four buildings built between 1971 and 1983. Each building is of different quality having been constructed using different construction methods and materials, and energy efficiencies. With the exception of some painting and the Ward Building renewal in 2005, the exteriors of these buildings have not been upgraded since they were built. A number of roofs are at or have exceeded their life cycle at the Kenai River Campus. Some roofs contain asbestos products which will require some abatement prior to replacement. The campus is spending too much money on utility costs due to the inefficiencies of the old buildings. With rapidly increasing utility costs, the energy savings realized by this renewal would be significant. Some of the original methods of construction included single pane windows, door glass, and aluminum store fronts that do not block the cold and increase utility costs and extreme campus-user discomfort during the extreme winters. Many of the entrances are not covered and allow the buildup of ice and snow at the critical slip/trip points at the building entrances. In addition to gaining additional instruction space and significantly increased energy efficiencies, this project will create a positive first impression for visitors and prospective students.
The McLane (KP101) and Brockel (KP103) additions were all constructed between 1972 and 1976 and the original air handling units are in place. The air handling equipment and associated duct work in these buildings cannot supply the quantities of air required by current mechanical standards. The University needs to replace the heat plant and air handling equipment for these facilities prior to a catastrophic failure results in and emergency replacement.

• **Kodiak College Campus Renewal**  
  FY15 (GF: $415.6, Total: $415.6)  
  FY16-FY20 (GF: $2,078.0, Total: $2,078.0)  
  The buildings on the Kodiak Campus were constructed in the early to mid-1970's. The exteriors are painted wood siding that are being impacted by the exposure to the extreme climate conditions of Kodiak. The original windows suffer from worn seals that cause air infiltration. The mechanical and electrical systems are in need of renewal to meet the increased student demand and increased use of new technology. Improvements to layout and design will increase space efficiency and allow for replacement of worn and outdated fixed equipment. In FY09 and FY10, some funding was provided for the replacement of siding on two of the buildings and for some minor upgrades. In FY11, FY12, and FY13 additional funding was allocated and used to continue the most urgent repairs to the buildings. In FY14, additional funding was requested to cover the FY12 Energy Audit recommendations.

• **PWSCC Campus Renewal**  
  FY15 (GF: $300.0, Total: $300.0)  
  FY16-FY20 (GF: $1,500.0, Total: $1,500.0)  
  The Growden-Harrison building was originally build shortly after the 1964 earthquake as a Elementary school and was added onto in a piecemeal fashion in the following years. This has resulted in aging mechanical, electrical, HVAC systems that are currently undersized for the facility and have included the use of asbestos containing materials. The piecemeal additions have resulted in draining and weathering problems that adversely impact the building envelope.

• **Mat-Su Campus Renewal**  
  FY15 (GF: $600.0, Total: $600.0)  
  FY16-FY20 (GF: $3,000.0, Total: $3,000.0)  
  This project will address campus-wide deferred maintenance issues and renewal and renovation requirements for the Mat-Su Campus.

  The buildings on the Mat-Su campus are 15-30 years old and their roofs need to be replaced. With several of MSC’s buildings reaching 25 - 30 years of age, it is prudent to plan for the replacement of building components during the next few years. Boilers systems in this region are an essential component. The boilers not already updated this summer range in age from 1979 to 1994. The boiler upgrades (with the oldest first) would allow for greater cost savings through energy efficiency as 80% efficiency boilers would be replaced with 95% efficiency boilers.
The original doors and hardware are still in use across the campus with some units being over 40 years old and heavily used. As these units wear, energy leaks are created within the buildings which increases the cost of operation and wear on other systems, resulting in an unbalanced environment within the buildings. Additionally, the failure of the hardware increases safety and security risks for the University that can result in substantial liability. Technology advancements increase the energy efficiency and security of these units, which will reduce expenses for the University.

• **KPC Kachemak Bay Campus Renewal**  
  FY15 (GF: $120.0, Total: $120.0)  
  FY16-FY20 (GF: $600.0, Total: $600.0)  
  A significant portion of the Kachemak Bay Campus Building (KB-101, 7,200 sqft.) was originally built in 1988 as a post office. The roof and mechanical/electrical systems are original and were not updated as part of the campus addition in 2006.

• **KPC Kenai River Campus Career Tech Collateral Buildings Backfill**  
  FY15 (GF: $200.0, Total: $200.0)  
  FY16-FY20 (GF: $731.1, Total: $731.1)  
  The construction of the KPC Career and Technical Education Center will result in the relocation of programs and equipment to new space and will require the renovation and back filling of the space vacated in the Goodrich and Ward building.

  The affected areas of the Goodrich (KP102 built 1974) and Ward(KP105 built 1982) buildings have not been renewed since original construction.

• **Mat-Su Parking/Road/Circulation Renewal**  
  FY15 (GF: $192.4, Total: $192.4)  
  FY16-FY20 (GF: $651.0, Total: $651.0)  
  The Mat-Su campus is over 30 years old and many of the roads, trails, sidewalks, parking areas, curbs and gutters are part of the original construction or have been impacted by construction, repair and renovation projects over the years. This results in uneven surfaces, lack of adequate sidewalks and other deficiencies that pose a safety hazard or are increasingly susceptible to additional damage. Unpaved surfaces cause dirt and mud to be tracked into the building damaging the carpets and floor coverings. Increased enrollment and subsequent staffing increases dictate a need to upgrade and repair these surfaces in order to maintain a safe and effective environment for students, staff and the public.

• **KPC Kachemak Bay Campus Gas Conversion**  
  FY15 (GF: $70.0, Total: $70.0)  
  FY16-FY20 (GF: $930.0, Total: $930.0)  
  When the original Pioneer Building and the Bayview Building were originally constructed, natural gas was not yet available in Homer, Alaska. Natural gas is anticipated to be available to Homer customers in Fall 2013 and will provide a significantly more efficient and less expensive source of heating fuel for the Kachemak Bay Campus. Although the newer Bayview Building boilers can be converted to burn
natural gas by replacing the boiler burners, the older Pioneer building will require
additional modification to the boiler systems.

• **PWSCC Parking and Security Upgrades**
  FY15 (GF: $55.0, Total: $55.0)
  FY16-FY20 (GF: $270.0, Total: $270.0)
  This project will address safety issues such as vehicle circulation, parking lot lighting,
  building lighting and security cameras. This project will renew landscaping around the
  parking area and the buildings. This work is driven by a need for an increased security
  presence on campus and reconfiguration of the area based on the Whitney Museum
  addition which was completed in spring 2008.

• **KPC Kenai River Campus Academic Center/Classroom Renewal**
  FY15 (GF: $50.0, Total: $50.0)
  FY16-FY20 (GF: $250.0, Total: $250.0)
  The Brockel Building (KP103) was original built in 1976 and added onto in 1982.
  This project would allow for the renewal and reconfiguration of the Brockel Building,
  which is greatly needed after 33 years of hard use.

**UAF Main Campus**

• **Cogen Heating Plant Required Upgrades to Maintain Service and Code Corrections (Ph3)**
  FY15 (GF: $1,000.0, Total: $1,000.0)
  FY16-FY20 (GF: $36,770.0, Total: $36,770.0)
  In 1963, the UA Board of Regents agreed that the utilities on main campus should be
  consolidated into a new combined heat and power plant that offered redundancy,
  reliability, and effective use of current technology. In the past 50 years the plant has
  undergone expansions to keep up with the growing campus physical plant. Unfortunately,
  there has been limited renewal of the major components of the utility systems. Critical over
  haul of the current plant will allow UAF to meet the current utilities demands. There are many utility components that have exceeded their useful life
  and the probability of a major failure increases every year that renewal is not done. The
  overall project consists of many smaller projects that address the critical areas of the
  various utility systems that need revitalization. All of these projects were identified and
  scoped in the 2006 Utilities Development Plan. The highest priority is being put on
  critical equipment that would still be used when the Cogen Heating and Power Plant
  Boiler and Turbine Replacement project is constructed. For the past several years UAF
  has been completing such maintenance projects. The remaining highest priority projects
  are in the FY15 request and the remainder of the projects are in the FY16+ requests.
  They are listed in the approximate order of priority. Continuous Emissions Monitoring
  for Boiler No. 4: Existing air permit includes 10% capacity constraint for Boiler #4 that
  would be lifted with installation of continuous monitoring. Utilidor Ventilation:
  Installation of fire rated door assemblies at the plant/utilidor access points and certain
  locations at campus buildings has eliminated natural ventilation in large portions of the
  utilidor system, causing a large amount of condensation on exposed steel and significant
  corrosion. This measure would install ventilation shafts in sealed areas of the utilidor system.
  Replace fire water pumping station: The existing domestic and fire pumping
station located in the boiler plant basement dates back to at least the early 1970's. A new electric pump station, perhaps located in the water treatment plant with more sophisticated control, would be installed. Replace boiler tubes for Boilers 1&2: Existing units have been in service in excess of 40 years. Perform thorough NDE inspection of tubes. Replace as indicated. Rehabilitate existing mechanical components such as fans, coal elevator, stoker grates, ash removal, etc. Replace obsolete control system: This is an aging plant control system (1980's vintage). This system runs the bulk of the steam generation facility. Parts and technical support are becoming difficult to obtain because the vendor is phasing out that product line. Reconstruct Feedwater pumping station: This measure would remove the abandoned 1960's vintage feedwater pumping station and replace it with new technology, efficient, multistage pumps. Improve Domestic water taste (membrane filtration): This measure would install point-of-use membrane filtration units in key locations to reduce consumer concern about taste. Pave Atkinson parking lot for dust control (air permit issue): Vehicle access around the plant by ash hauling trucks, fuel delivery and plant operations creates dust which is a violation of the current air permit. There is potential for UAF to be cited by ADEC for this.

- **Critical Electrical Distribution**
  FY15 (GF: $3,500.0, Total: $3,500.0)
  FY16-FY20 (GF: $4,822.0, Total: $4,822.0)
  The existing electrical distribution system at UAF is nearly 50 years old. With the completion of several new facilities, the antiquated equipment could be stretched beyond its capabilities and begin to fail. To ensure campus power is not shutdown, major upgrades must be made to replace the ancient switchboard and cabling to bring the campus distribution back into code compliance. This is a multi-phase project and $32.9M has already been appropriated in past years (2005-2014). Additional funding is necessary to complete the upgrade.

- **Fairbanks Campus Main Waste Line Repairs**
  FY15 (GF: $2,000.0, Total: $2,000.0)
  FY16-FY20 (GF: $10,000.0, Total: $10,000.0)
  Much of the sanitary and storm sewer main piping on campus is original wood stave or clay piping dating back nearly 60 years. These mains, though not at full capacity, have far exceeded their useable life and are failing. Campus growth and an ever-changing regulatory environment require the modification and upgrade of the waste water handling infrastructure. The project will replace several thousand feet of waste line main piping with new modern materials with a life that exceeds 60 years.

- **Fairbanks Main Campus Wide Roof Replacement**
  FY15 (GF: $1,000.0, Total: $1,000.0)
  FY16-FY20 (GF: $5,000.0, Total: $5,000.0)
  UAF has many large campus structures that still have original roof systems. As buildings on campus age and do not receive adequate R&R funding, roofing system repairs only offer a band-aid solution to a long-term problem. Funding is required for a multi-year project to replace roofs that have surpassed their useable life and are at risk of complete failure.
• **West Ridge Facilities Deferred Maintenance and Revitalization**
  FY15 (GF: $7,000.0, Total: $7,000.0)
  FY16-FY20 (GF: $29,450.0, Total: $29,450.0)
  The majority of the facilities located on UAF's West Ridge were built in the late 1960s and early 1970s. Irvings 1 and 2, Elvey, O’Neill, and Arctic Health Research Building serve multiple research and academic units on the Fairbanks Campus. The facilities house major academic programs for fisheries, biology, wildlife, physics, chemistry, agriculture and natural resource management. Elvey, home to the UAF Geophysical Institute, is a major center for many state emergency preparedness programs including the Alaska Earthquake information Center and the Alaska Volcano Observatory. The Arctic Health Building is home to several research programs that directly affect the health and welfare of thousands of Alaskans including the Center for Alaska Native Health Research and the School of Natural Resources and Agricultural Sciences. The Irving 1 facility is the home of the Institute of Arctic Biology and the Department of Biology and Wildlife. Hundreds of undergraduate, graduate, and master degree students learn, research, and teach in the building every day. The research intensive Irving 2 facility serves the Institute of Marine Sciences and School of Fisheries.

  These facilities, which represent nearly 500,000 gross square feet of space, are the key component to UAF's competitive edge in research relating to the people and places of the Arctic regions. Research performed in the building represents over 50% of the total research revenue for the campus. Academic programs represented on West Ridge also affect over 1500 undergraduates and graduates seeking a degree in a program offered on West Ridge.

• **ADA Compliance Campus Wide: Elevators, Ramps, Restrooms**
  FY15 (GF: $1,000.0, Total: $1,000.0)
  FY16-FY20 (GF: $6,750.0, Total: $6,750.0)
  The Campus Wide ADA Guidelines Compliance project is an on-going effort to bring the UAF Fairbanks campus and associated community and research campuses into compliance with ADA guidelines. This project includes accessibility improvements such as renovations to restrooms, improvements to accessibility routes both inside and outside buildings, replacing drinking fountains, upgrading elevators and modifying stairwell handrails.

• **Elevator/Alarms Scheduled Upgrading and Replacement**
  FY15 (GF: $500.0, Total: $500.0)
  FY16-FY20 (GF: $2,500.0, Total: $2,500.0)
  UAF Facilities Services manages the operation and maintenance for a fleet of more than 50 elevators and lifts with an average age of over 25 years. With the help of an FY01 audit, 28 elevators were identified as needing modernization upgrades. This request represents the latest installment of multi-year modernization plan and will address ADA, code, and deferred maintenance improvements in the campus elevator systems. Also included in this scope of work is routine and deferred maintenance on the many fire alarm systems in UAF facilities.
FY15 Priority Deferred Maintenance (DM) and Renewal & Repurposing (R&R) Project Descriptions

• **Lower Campus Backfill Renovations per 2010 Masterplan**
  FY15 (GF: $400.0, Total: $400.0)
  FY16-FY20 (GF: $800.0, Total: $800.0)
  Many classrooms on the Fairbanks campus do not meet the needs of today's students. This project will update and renovate classrooms to make them more conducive learning environments including soundproofing, renovating vacant and underutilized spaces, and renovating spaces vacated by moves to new West Ridge facilities.

• **Patty Center Revitalization**
  FY15 (GF: $1,000.0, Total: $1,000.0)
  FY16-FY20 (GF: $26,000.0, Total: $26,000.0)
  Constructed in 1963 to replace an existing 40-year old gym, the Patty Center now houses sports and recreational space for five NCAA Division II, and two NCAA Division I sports. This includes both men's and women's teams that are a vital part of the UAF Campus Life Master Plan. The construction project will correct an abundant list of code citations and extend the life of the 50-year-old facility. The facility must be upgraded to meet basic competition standards.

• **Campus Infrastructure**
  FY15 (GF: $1,000.0, Total: $1,000.0)
  FY16-FY20 (GF: $5,000.0, Total: $5,000.0)
  The UAF Fairbanks campus is serviced by infrastructure that was constructed up to 60 years ago when the student population and vehicle traffic were only a fraction of what they are today.

  In addition to necessary communications infrastructure improvements, UAF Fairbanks Campus roads and building access are in major need of renewal and renovation. Unlike the state, UAF does not receive federal maintenance funding per mile of road. UAF also does not receive funding for projects that address air quality issues such as bus pullouts and bike paths.

  Typical projects include multiple sidewalk, curb, gutter and ramp improvements, completion of the northern link of Tanana Loop and the roundabout on Tanana Drive, and communication infrastructure upgrades. The project will also create safe and attractive pedestrian walkways close to the roadway for non-motorized users. Existing roads will be resurfaced and sidewalks will be replaced to maintain ADA compliance.

• **Tilly Commons Demolition**
  FY15 (GF: $2,000.0, Total: $2,000.0)
  Lola Tilly Commons, the current location of the campus meal plan dining facility, is in need of a substantial renovation. An analysis of the projected maintenance and renewal necessary to a safe, sound, and sanitary facility shows that the funding necessary exceeds the value of the facility. With the completion of the Wood Center Dining Addition in August 2014 the central dining activity will relocate from Tilly Commons to Wood Center. UAF has evaluated many options for the reuse of Tilly Commons but the high deferred maintenance costs make it more efficient to demolish the building.
FY15 Priority Deferred Maintenance (DM) and Renewal & Repurposing (R&R) Project Descriptions

- **Student Services Renewal - Wood Center Student Union**
  FY15 (GF: $2,000.0, Total: $2,000.0)
  FY16-FY20 (GF: $1,300.0, Total: $1,300.0)
  The Wood Center has the advantages of a central campus location, the draw of food service, and very high levels of pedestrian traffic. Despite these advantages, Wood Center does not function as a “campus center” that attracts students in the evenings or on weekends or whenever they have spare time during the day. While there are areas within the building that are “destinations” for students, including the Pub and the bowling alley, the building as a whole is not a draw for students, even those who live on campus. Renewal work in the Wood Center will include renovation of existing spaces to allocate room for the consolidation of programs serving UAF students.

**UAF Community Campuses**
- **Kuskokwim Campus Facility Critical Deferred and Voc-Tech Renewal -- Phase 2**
  FY15 (GF: $970.0, Total: $970.0)
  FY16-FY20 (GF: $7,000.0, Total: $7,000.0)
  Current maintenance and repair funding levels are not sufficient to meet the critical maintenance needs at the rural campuses. Funding will allow for continued major renovations and code upgrades to over 50,000 square feet of space. Work generally includes new architectural finishes on the inside and outside, new electrical distribution, corrected plumbing systems, and installation of code compliant ventilations systems.

**UAS Main Campus**
- **Technology Education Center Renewal Phase 2**
  FY15 (GF: $2,970.0, Total: $2,970.0)
  The Technology Education Center is the principal career education teaching facility at UAS Juneau. This project would be the second phase of a significant renewal and repurposing of this 35 year old facility.

- **Juneau Campus Site Lighting Replacement**
  FY15 (GF: $800.0, Total: $800.0)
  The bulk of existing exterior area illumination are supported by wooden poles that are over thirty years old and rotting. This project will replace exterior building, parking lot, street and path lighting to achieve better lighting and use less electrical energy.

- **Juneau Campus Pavement Replacement**
  FY15 (GF: $500.0, Total: $500.0)
  This project will reconstruct existing vehicular and pedestrian paved surfaces that are failing throughout the Juneau campus.
UAS Community Campuses

• Sitka Campus Site Improvements
  FY15 (GF: $500.0, Total: $500.0)
  A feature of the UAS 2012 masterplan is a recommendation to improve the Sitka campus entry, parking and site features. Vehicular circulation is ambiguous through the vast concrete areas between the entry from Seward Avenue and the lined parking lot. Throughout the undefined areas there are conflicts between vehicles and pedestrians.

  The UAS 2012 Masterplan recommends: “Improve/ enhance quality of green space and pedestrian circulation adjacent to Sitka Campus building to connect to proposed trail systems, clarify circulation, and provide opportunities for cultural and art displays.”

  This project would respond to the strategy of community engagement as the city and borough of Sitka has identified the Japonski Loop Trail as part of their 2003 Trail Plan, circling the island with a portion bordering the campus.

Statewide

• Butrovich East Parking Lot
  FY15 (GF: $1,500.0, Total: $1,500.0)
  The Butrovich Building was constructed in 1988 on the south facing slope of the West Ridge. To provide parking for the employees and visitors of the building, parking lots were constructed on the north and east side of the building. The parking lots have deteriorated over the years due to poor sub-soils and surface water infiltration that have allowed excessive frost heaving and uneven settling; and damage to curbs and surfaces from heavy equipment used for snow removal and movement from the unstable soils and vehicular traffic. The north parking lot is situated between Yukon Drive and the Butrovich Building and was replaced along with the sidewalks in front of the building during the summer of 2013. The east parking lot was located to the east of the building and is support by a retaining wall that extends approximately 400 feet east from the southeast corner of the Butrovich building. This retaining wall was experiencing excessive movement and was feared to be facing imminent failure. Based on studies conducted between the spring of 2011 and fall 2012, it was determined that the substandard soils upslope of the retaining wall were allowing excessive water to infiltrate the soil and freeze, causing movement to the wall and damaging the parking surface. During the summer of 2013, the retaining wall was replaced with the substandard soil removed and replaced with frost resistant soils.

• Butrovich Building Repairs
  FY15 (GF: $600.0, Total: $600.0)
  FY16-FY20 (GF: $3,000.0, Total: $4,900.0)
  The Butrovich building was constructed in 1988 and is at a point where many of its building components are reaching their life cycle end. Over the next five to ten years many of the main mechanical systems will come due for replacement or refurbishing.
INTRODUCTION

Guidance from the Governor for the FY15 Capital Budget is expected to place emphasis on a decreased capital budget and reduction of deferred maintenance (DM). FY15 is the last year of the Governor’s five-year, $100 million annual commitment toward reducing deferred maintenance. With these things in mind, the FY15 capital budget requests should identify strategic investment needed to implement the Strategic Direction Initiatives (SDI) objectives and reduce DM backlog to an acceptable level.

Deferred Maintenance (DM) and Renewal & Repurposing (R&R) is, and will continue to be, the Board of Regents’ highest overall priority. Regularly scheduled Annual Renewal and Repurposing funding at a consistent level is necessary to realize UA’s sustainment funding goal… an annual investment of $50 million. Annual R&R funding helps revitalize the life of older buildings that need major system replacements before the systems deteriorate below their intended functionality. A large deferred maintenance backlog, ultimately leads to a loss in facility support for education program delivery, which is mission failure for UA. Legislation to create the University Building Fund (UBF) passed the Senate in FY14 and is pending in the House for action in January 2014. The capital budget request and long range 10-year Capital Improvement Plan (CIP) will reflect UA’s intent to position the University for UBF implementation.

UA’s Capital Improvement Plan will be consistent with the 10-year fiscal plan submitted to the State of Alaska. The plan provides the Board of Regents, President, executive staff, and university community a clear picture of the capital projects which follow from completion of the Program Resource Planning (PRP) process and identification of the annual operating costs associated with those projects. The long range Capital Improvement Plan aims to balance approved program needs across UA campuses with realistic expectations for capital appropriations.

GUIDING PRINCIPLES

- Develop short, mid, and long-term requests which position the University to implement the (UBF), reduce DM backlog, accomplish research for Alaska and upgrade critical infrastructure.
- Develop a 10-year Capital Improvement Plan based on guidance in the main and community campus master plans which include new construction projects using the PRP process and identifies potential projects for consideration if the State of Alaska issues a General Obligation Bond.
- Recognize that DM reduction needs to be strategic and targeted, focused around discussions of the data elements included in the Strategic Investment Chart and the intent to cover additional buildings under the UBF.
- Address continuation of DM reduction, in case FY16 and beyond contains no overall state DM reduction program.

BACKGROUND

- UA maintains over 400 buildings worth nearly $3.5 billion as measured by replacement value. These facilities comprise 6.7 million gross square feet and have annual depreciation totaling about $58 million. More than half of UA’s buildings are more than 30 years old. UA estimates an annual investment of $50 million for facility R&R is necessary to prevent adding to the deferred maintenance and renewal backlog. Although new facilities are desirable, annual deferred
maintenance as well as facility renewal and repurposing, code corrections, and some upgrades for University equipment has been, and will continue to be, the top capital budget priority. Extending the life of existing facilities is absolutely essential. The longer UA goes without consistent adequate facilities funding, the sooner the deferred maintenance backlog threatens UA with areas of mission failure. That, in turn, impacts annual Operations and Maintenance (O&M) dollars that become unprogrammatically diverted to the emergency response to problems.

- Through its operating budget, the University dedicates funding (approximately 2.5% of adjusted facility value) every year to routine and preventive maintenance and repair (M&R). Common industry standards prescribe 2% - 4% of current replacement value as the most appropriate annual investment for M&R. The specific percentage is determined based on various factors such as the age of the buildings, previous renovations, the level of building use, and the climate.

FY15 BUDGET TIMELINE

Below are key dates in the FY15 budget development process associated with BOR action.

**June**
- BOR - FY14 Operating and Capital Budget Acceptance
- BOR - FY14 Operating and Capital Budget Distribution Plans Approval
- BOR - FY15 Operating and Capital Budget Development Guidelines Approval

**September**
- BOR - First Review of FY15 Operating and Capital Budgets and Capital Improvement Plan
- President’s formal budget meeting with Governor’s Office of Management and Budget (OMB)

**November**
- BOR - FY15 Operating and Capital Budget Request Approval
- BOR - FY15 Capital Improvement Plan Approval
- Submit Board of Regents’ FY15 Budget to the Governor’s Office of Management and Budget (OMB)
References
### University of Alaska
#### FY15 Deferred Maintenance (DM) and Renewal & Repurposing (R&R)

**Distribution Methodology**

*(Based on Age, Size, and Value of Facilities)*

<table>
<thead>
<tr>
<th>Location</th>
<th># of Bldgs</th>
<th>Average Age (years)</th>
<th>Weighted Avg. Age (years)</th>
<th>Gross Area (sq. feet)</th>
<th>Adjusted Value (thousands)</th>
<th>Dist. % *</th>
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**University Building Fund**

**Deferred Maintenance**

| UA Total                          | 414        | 32.1                      | 33.9                      | 6,705,361               | 2,677,010.7 |                 |
### University of Alaska

**Capital Budget Request vs. State Appropriation**

**FY05-FY14**

(in thousands of $)

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<th>Renewal and Repurposing</th>
<th>Add/Expand</th>
<th>New Facilities</th>
<th>Equipment</th>
<th>Other&lt;sup&gt;1&lt;/sup&gt;</th>
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<th>Add/Expand</th>
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<sup>1</sup> Includes research, small business development center and other capital funding requests or appropriations
## University of Alaska

State Appropriation Summary by Category

**FY05-FY14**

(in thousands of $)

<table>
<thead>
<tr>
<th>Campus</th>
<th>Location</th>
<th>Renewal and Repurposing</th>
<th>Additions / Expansions</th>
<th>New Facilities</th>
<th>Equipment</th>
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<td>7,301.5</td>
</tr>
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<td>Northwest Campus</td>
<td>Nome</td>
<td>4,496.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4,546.8</td>
</tr>
<tr>
<td>Fairbanks Campus (CES)</td>
<td>Kenai</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>90.0</td>
</tr>
<tr>
<td>UAF Comm. &amp; Tech. College</td>
<td>Fairbanks</td>
<td>16,745.3</td>
<td>6.3%</td>
<td></td>
<td></td>
<td></td>
<td>50.0</td>
</tr>
<tr>
<td><strong>UAF</strong></td>
<td></td>
<td></td>
<td></td>
<td>154,774.0</td>
<td>58.3%</td>
<td>1,200.0</td>
<td>30.0%</td>
</tr>
<tr>
<td>Juneau Campus</td>
<td>Juneau</td>
<td>22,621.9</td>
<td>8.5%</td>
<td>2,000.0 4,000.0</td>
<td>0.7% 741.1</td>
<td>34.5%</td>
<td>29,363.0</td>
</tr>
<tr>
<td>Ketchikan Campus</td>
<td>Ketchikan</td>
<td>1,849.8</td>
<td>1.1%</td>
<td></td>
<td>30.4</td>
<td>1,880.2</td>
<td>0.4%</td>
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<tr>
<td>Sitka Campus</td>
<td>Sitka</td>
<td>1,110.2</td>
<td></td>
<td></td>
<td>30.4</td>
<td>1,140.6</td>
<td>0.4%</td>
</tr>
<tr>
<td><strong>UAS</strong></td>
<td></td>
<td></td>
<td></td>
<td>25,581.9</td>
<td>9.6%</td>
<td>2,000.0</td>
<td>4,000.0</td>
</tr>
<tr>
<td>Statewide</td>
<td>Fairbanks</td>
<td>3,178.0</td>
<td>2.0%</td>
<td></td>
<td>166.0</td>
<td>7.7%</td>
<td>3,826.7</td>
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<tr>
<td>Systemwide</td>
<td>Systemwide</td>
<td>2,000.0</td>
<td></td>
<td></td>
<td></td>
<td>2,000.0</td>
<td></td>
</tr>
<tr>
<td><strong>SW</strong></td>
<td></td>
<td></td>
<td></td>
<td>5,178.0</td>
<td>2.0%</td>
<td>166.0</td>
<td>482.7</td>
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<tr>
<td><strong>UA Grand Total</strong></td>
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<td></td>
<td></td>
<td>265,311.9</td>
<td>100.0%</td>
<td>4,000.0</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

1 Includes research, small business development center and other capital appropriations
State Appropriation Summary by Category FY05 - FY14

New Facilities and Major Expansions

**UAA**
- AK Cultural Center & PWSCC Training Center (FY07)
- Integrated Science Facility (FY06, FY07)
- Center for Innovative Learning - ANSEP (FY06)
- Kodiak College Vocational Technology (FY06)
- Matanuska-Susitna Campus Addition (FY06)
- Student Housing (FY06)
- Kachemak Bay Campus New Facility (FY08, Reapprop FY10, FY11)
- Health Sciences Building (FY09)
- Engineering Facility Planning, Design and Construction (FY11, FY13, FY14)
- Kenai Peninsula College Campus Student Housing (FY11, FY12)
- Kenai Peninsula College Campus Career & Technical Education Center (FY11)
- Matanuska-Susitna Campus Valley Center for Art & Learning (FY11)
- Community Sports Arena (FY09, FY11, FY12)

**UAF**
- Lena Point Fisheries Phase I & II (FY06)
- Museum of the North (FY07)
- Engineering & Technology Project Design, Development and Construction (FY11, FY13, FY14)
- Life Sciences Classroom and Laboratory Facility (FY11)

**UAS**
- Banfield Hall Dormitory Addition (FY12, FY13)

---

1 Includes research, small business development center and other capital appropriations
Proposal for Differential Tuition for School of Management Degrees at UAF

August 23, 2013

Mark Herrmann
Dean, School of Management
University of Alaska Fairbanks

NOTE: The information in this document is the same as in the proposal provided to the Board of Regents in advance of the April 2013 meeting, with the exception that implementation is delayed until Fall 2014.

According to a study conducted at the University of Michigan “…differential pricing will soon become a standard model in higher education” (Stange 2012, p.2).

Introduction: The School of Management (SOM) is asking to move ahead and seek differential tuition for its upper division and graduate courses in order to sustain its programs. Differential tuition for business schools is now widespread and necessary due to the high costs of the faculty needed to sustain programs where graduates have significantly greater employment opportunities, and at salaries much higher, than the average university student (NACE 2012, Newman 2012). This model is common across the United States as business schools seek to maintain high-quality high-cost programs.

Reason for Differential Tuition: The School of Management is not able to maintain the quality of its programs and maintain accreditation under current fiscal realities. SOM has faced a substantial increase in costs associated with a six-year period where student credit hours grew by sixty percent and majors grew by seventy percent. At the same time SOM has had to cover 50% of its annual labor cost increases, has had annual UAF budget pullbacks and now will face the upcoming reduction of the annual tuition rate increases. The current funding model is not adequate to sustain SOM. The increased student load is only partially covered by increased tuition revenue which makes up just 25% of the SOM revenue base. With salaries comprising 94% of SOM expenditures, rapidly increasing costs must be largely covered by cuts to a very small operating (non-salary) budget.

SOM offers a high-quality education. Its dual accreditation places SOM in the top 1.4% of business schools worldwide. On the premier national Educational Testing Service business exam, which has been taken by business students at over 700 business schools across the nation, the UAF School of Management (SOM) has excelled. Over the last ten years, average placement has been at the 91st percentile scoring near the top in subjects such as Accounting, Economics, Finance, International Business, Business Law, Quantitative Analysis and Marketing. On the CPA exam, on average UAF’s accounting students pass rate is highest in the state and above the national average. We wish to continue to sustain this commitment to excellence.

In Fall 2012, the SOM Strategic and Executive Management Committee held a series of emergency sessions cutting its operating budget from $440,000 to $290,000. This spring, a tenure track faculty member was non-retained. Even maintaining these cuts this year and beyond, which greatly reduces our
ability to offer students a high-quality education, SOM is still projecting a debt that will reach over a million dollars by the end of the decade. If these deficits cannot be further reduced, the next cuts will be to staff and faculty positions as well as high-demand program eliminations.

Differential tuition will allow us to maintain our current number of in-class and online courses (many in-class and online courses are already at maximum capacity) and might allow some online expansion. This is critical for us to continue to increase our retention and graduation rates. In 2011, SOM conducted a comprehensive survey of students and alumni and asked “What makes it difficult to graduate in four years? What can SOM do to help students graduate faster?”- The dominant answer was to offer more sections of courses at varying times and especially online. This was reiterated at several SOM Student Advisory Council (SAC) meetings. The business students understand that the earlier they graduate the more money they will earn in high paying jobs and the less university expenses they will pay. According to Nelson (2008), when the reasons for differential tuition are explained to the students, 83% of students either are neutral or support a tuition surcharge. Not a single surveyed school noticed any decline in student numbers resulting from differential tuition and only 3% felt that there was any change in enrollment for “low socioeconomic status students”.

SOM is in danger of losing accreditation through the Association to Advance Collegiate Schools of Business (AACSB international). SOM is one of just 178 universities worldwide to have the prestigious dual school and accounting accreditation. SOM has held that accreditation since 1988 and places it in the top 1.4% of all business schools worldwide. However, to accommodate the substantial student increases, SOM has replaced several open tenure-track faculty positions with lower-cost term instructors and adjuncts. This has decreased the percent of courses taught by academically qualified faculty (those with doctorate degrees that are publishing) well under the minimum threshold required by AACSB. With current budget purchasing power being reduced by the equivalent of one faculty member a year, the school cannot maintain AACSB accreditation under these conditions.

In general, two reasons are cited for instituting differential tuition for business schools. I have added two additional reasons.

1. Business graduates have a higher success rate of obtaining a job in their career field, and at higher salaries, than the average university student.

2. Faculty in business schools are higher paid than the average faculty member due to more lucrative alternative opportunities that they have in the business world.

3. AACSB accredited business schools offer educational opportunities far above the typical classroom experience.

4. Differential tuition allows business schools to offer more high-quality in-class and online courses which greatly increase the students ability to obtain a course schedule that allows them to graduate in a timely fashion.

An article in the U.S. News & World Report (Newman 2012) states the following about business degrees:
Business. ‘This is the most popular major, and it’s one that lines up well with opportunities in the economy… Industry-research firm IBISWorld predicts strong growth over the next five years in industries such as business services, human resources, and management consulting. If anything, there’s a case for more students majoring in business.”

Differential Tuition is Widespread. Tuition differentials are common for business schools. A 2008 University of Nebraska dissertation examined undergraduate programs at public flagship universities with a Carnegie Classification of Doctoral/Research (Nelson 2008). The study found that approximately one-third of the 165 Public Research Institutions had differential tuition for undergraduate business degrees (by far the largest percent for any majors) and many more schools were considering adding a tuition surcharge. At the time of this study, institutions with differential tuition comprised 35 states, although since then Nevada and Florida have implemented differential tuition and Washington State is considering it. On average, differential tuition made up 14% of the total tuition. Only 3% of these schools found any negative impact to specific majors or students in a low socioeconomic status. Ninety percent found that the differential tuition model yielded additional revenue (with 10% unsure). Finally, well over half of the respondents said that students, faculty, administration and governing boards had a positive reaction to differential tuition. A list of business, computer science and engineering schools in this survey that had differential tuition is found in Appendix A.

A 2011 Cornell Study (CHERI 2012) found that 143 U.S. Universities that offered, at minimum, a bachelor degree had differential tuition for at least one program and over 50% of doctoral-granting universities (that are flagship schools) have differential tuition with the most common majors being business, engineering and nursing. This number has been steadily growing since 1976 (see figure 1).
Figure 1. Number of U.S. Universities with Differential Tuition in a Year.

For example, all the Big Ten business schools now have differential tuition (Fox 2012). Two of the three SOM aspirant schools for AACSB accreditation (Oregon State and Utah State) have differential tuition for business (New Mexico State does not). Of the eleven UAF Academic Peer schools eight have differential tuition for business and/or engineering. Thirteen of the twenty-one (62%) schools listed as University of Alaska peer schools have differential tuition.

Proposal: We propose that differential tuition be implemented for the School of Management upper-division undergraduate and graduate courses. The surcharge would be 25% over regular tuition, incremented in two years with annual increases at 10 and 15 percent starting with AY15. At AY12 tuition rates, the final tuition surcharge would be approximately $50 per SCH at the upper division undergraduate level and $96 at the graduate level. For a full-time undergraduate student the increased tuition fees would amount to approximately $3,000 in total for their degree. For graduate students the surcharge would be slightly less (because their degree requires fewer credits, total). The savings from an increased opportunity to graduate substantially faster, and with a higher-quality education, would far outweigh these additional expenses. SOM would receive 100% of the tuition surcharge with 80% going to general funds and 20% to needs-based scholarships to offset the financial burden to lower income families (see Appendix B).

For the School of Management, if student credit hours were at their AY12 levels, this would bring in an additional $387,000 annually which would partially offset future projected deficits, allow us to continue with important student programs, keep us from cutting course sections, keep our required number of academically qualified faculty in the classroom (allowing us to maintain accreditation) and fund needs-based financial aid.

Looking towards the future, differential tuition will also allow us to continue to improve our teaching methods in the face of overwhelming evidence that the traditional style lecture course is no longer the most appropriate way to teach students (Lambert 2012). SOM has been providing many out-of-class learning opportunities for students, but recent cuts to SOM’s operating budget included substantial cuts to rural outreach and student organizations that contribute real-world experiences to students’ education. Not only has the School of Management been changing the way it teaches its courses, by taking advantage of new research, but it has been a leader in contributing to this research (Wall 2012a, 2012b, Schrock 2012). University of Alaska (UA) President Patrick Gamble says the traditional lecture classroom model is rapidly losing its status as the preferred student choice. President Gamble advocates teaching methods, such as the flipped classroom, that many in the School of Management fully embrace. These changes will assure that when students choose to take business and engineering courses they are receiving a high-quality educational opportunity that rivals the best that our nation has to offer.

The path to differential tuition has already begun. The School of Management has the support of its Business Advisory Council and also that of the Student Advisory Council, which is made up of the student leaders in SOM, representing every school academic program. The issue has also been discussed and received favorably by students in the larger student body. This should not be a surprise as when properly explained, students in affected programs have often endorsed the tuition increase (Nelson 2008, Roney 2011, Redden 2007, Evensen 2012).
The School of Management continues to seek ways to solve its budgetary problems and differential tuition is an important tool.

**Supplementary Material:** Many programs that have tuition differentials have a Frequently Asked Question (FAQ) page (see Appendix C. for example). Appendix D contains a listing of all materials, and their web links, used as information for this report.

**References**


[http://www.usustatesman.com/students-see-differential-tuition-benefits-1.2697060#.UHeST1H5Xps](http://www.usustatesman.com/students-see-differential-tuition-benefits-1.2697060#.UHeST1H5Xps)

Fox [http://sbm.temple.edu/ugrad/faq.html](http://sbm.temple.edu/ugrad/faq.html)


[http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1004&context=cehsedaddiss](http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1004&context=cehsedaddiss)


### Appendix A

Flagship Doctoral Schools with Undergraduate Differential Tuition as of 2008

<table>
<thead>
<tr>
<th>School</th>
<th>% Differential Tuition Over Base</th>
</tr>
</thead>
<tbody>
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<td><strong>Business</strong></td>
<td></td>
</tr>
<tr>
<td>Temple</td>
<td>2</td>
</tr>
<tr>
<td>Rutgers, New Brunswick</td>
<td>2</td>
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<tr>
<td>University of Colorado, Denver</td>
<td>2</td>
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<tr>
<td>University of Arkansas at Little Rock</td>
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<tr>
<td>Louisiana Tech</td>
<td>3</td>
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<tr>
<td>University of Toledo</td>
<td>4</td>
</tr>
<tr>
<td>Rutgers, Newark</td>
<td>4</td>
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<tr>
<td>Virginia Commonwealth</td>
<td>6</td>
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<tr>
<td>University of North Dakota</td>
<td>6</td>
</tr>
<tr>
<td>Penn State University</td>
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</tr>
<tr>
<td>University of Houston</td>
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</tr>
<tr>
<td>University of Kentucky</td>
<td>6</td>
</tr>
<tr>
<td>Miami</td>
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</tr>
<tr>
<td>University of Northern Colorado</td>
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<tr>
<td>Montana State University</td>
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<tr>
<td>Kansas State University</td>
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</tr>
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<td>University of Illinois, Chicago</td>
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<td>University of Wisconsin, Milwaukee</td>
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<td>Oregon State University</td>
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</tr>
<tr>
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<tr>
<td>Ohio State University</td>
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</tr>
<tr>
<td>School</td>
<td>% Differential Tuition Over Base</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>The University of Montana</td>
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<td>University of Missouri, Rolla</td>
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<td>University of South Dakota</td>
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<tr>
<td>Utah State University</td>
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**Business Cont.**

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<th>% Differential Tuition Over Base</th>
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<td>University of Illinois at U-C</td>
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**Business Mean**

14

**Computer Science**

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<td>Portland State University</td>
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**Computer Science Mean**

11

**Engineering**

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<th>% Differential Tuition Over Base</th>
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<td>University of Minnesota</td>
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<td>University of Toledo</td>
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<tr>
<td>University of Illinois at U-C</td>
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</table>

*Engineering Mean 15*
Appendix B: Potential Tuition Increases for Differential Tuition for SOM

(1) These are upper bound as they assume the same number of students as FY12 and the same tuition rate as FY13. An increase in tuition may mean the reduction of some enrollment.

(2) These figures are based on adding a fixed amount to each student credit hour.

(3) **Upper Division**: Status quo is tuition of $200, in-class SCH 4,172, distance credit hours 872, total SCH 5,044.

(4) **Graduate**: Status quo is tuition of $383 and total SCH 1,414.

### Upper Division Tuition Differential

<table>
<thead>
<tr>
<th>% Increase</th>
<th>Tuition Increase ($/SCH)</th>
<th>Resulting Tuition ($/SCH)</th>
<th>100% recovery (Total $)</th>
</tr>
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<tbody>
<tr>
<td>5%</td>
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<td>210</td>
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<tr>
<td>10%</td>
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<td>35%</td>
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<tr>
<td>45%</td>
<td>90</td>
<td>290</td>
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<tr>
<td>50%</td>
<td>100</td>
<td>300</td>
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### Graduate Division Tuition Differential

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<thead>
<tr>
<th>% Increase</th>
<th>Tuition Increase ($/SCH)</th>
<th>Resulting Tuition ($/SCH)</th>
<th>100% recovery (Total $)</th>
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<tbody>
<tr>
<td>5%</td>
<td>19</td>
<td>403</td>
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<tr>
<td>10%</td>
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<td>15%</td>
<td>57</td>
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<td>77</td>
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<td>503</td>
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<td>35%</td>
<td>134</td>
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### Combined Tuition Differential

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<th>Graduate Increase ($/SCH)</th>
<th>100% recovery (Total $)</th>
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<tr>
<td>50%</td>
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<td>192</td>
<td>775,181</td>
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Appendix C.
IOWA STATE UNIVERSITY
COLLEGE OF BUSINESS

DIFFERENTIAL TUITION INFORMATION

The College of Business at Iowa State University charges differential tuition, which is a rate of tuition above that which the university charges. Sometimes referred to as 'supplemental' tuition, the college uses this revenue to reduce class sizes in core business courses and support skills development programs for its students.

Please see the following FAQs. For further questions, email Dr. Michael Crum, Interim Raisbeck Endowed Dean, at mcrum@iastate.edu.

1. WHO PAY DIFFERENTIAL TUITION?

Students will pay differential tuition only if they are in the professional business program with 60 or more credits. Typically this is the last two years of students' four years at Iowa State, when much of their coursework is concentrated in their business major. Students will not pay differential tuition if: 1) they are in the professional program with fewer than 60 credits, even if they take upper-level courses, or 2) they are pre-business students with more than 60 credits, as pre-business students are not in the professional program.

2. HOW DO COLLEGE OF BUSINESS STUDENTS BENEFIT FROM DIFFERENTIAL TUITION?

Funding from differential tuition has allowed the College of Business to lower the overall average undergraduate class size by 18 percent compared to four years ago, through the hiring of additional faculty. Fourteen new faculty have been hired since differential tuition was implemented.

Not only are class sizes reduced with additional faculty, but the college has been able to reduce the credit hours taught per full-time equivalent faculty member. This gives faculty more time to interact with students inside and outside of the classroom, which aids their ability to help students master the subject matter. Class sizes and access to faculty are key factors in student satisfaction ratings.

The College of Business Communications Center also benefits from differential tuition funding. Communication skills are critical for business graduates entering the marketplace. Our Communications Center works with students to improve their abilities and with our faculty to integrate communications assignments into their courses. Demand for the Communications Center increases each year; it now handles nearly 3,500 scheduled appointments annually with one full-time director and four graduate assistants.

The Gerdin Citizenship Program is another program that receives a small portion of differential tuition funding. This program, which has been enthusiastically endorsed by the companies hiring our graduates, aims to increase the involvement of freshmen and sophomores in the college and aid in their development of skills such as professionalism, leadership, public discourse, and more.

3. WHAT IS THE AMOUNT OF THE DIFFERENTIAL TUITION FOR COLLEGE OF BUSINESS STUDENTS?

For the 2012-2013 academic year, tuition for in-state business students will be $821 per semester higher than the university base tuition. In future years, this amount will be adjusted by the same annual percentage increase as the university’s base tuition. For part-time students (11 or fewer credits), differential tuition will be pro-rated during both regular semesters and summer sessions.
4. ARE OTHER COLLEGES DOING THIS?

Yes. Iowa State’s College of Engineering charges its juniors and seniors differential tuition, as do certain majors in the College of Agriculture and Life Sciences and the College of Design. The University of Iowa and the University of Northern Iowa implemented differential tuition for their business majors around the same time as the College of Business at Iowa State. Many of our peer business schools have also implemented differential tuition.

5. DESCRIBE THE APPROVAL PROCESS FOR DIFFERENTIAL TUITION.

The Board of Regents, State of Iowa approved our differential tuition proposal in December 2008. Prior to presenting the proposal to the Board of Regents, the College of Business sought feedback from students over a period of months. Although students were, as expected, wary of tuition or fee increases, they acknowledged the unique funding challenges the College of Business faces and were receptive to the proposed uses of the additional funds. The student Business Council voted 33-2 to support the proposal.

6. WHAT IS THE LONG-TERM FINANCIAL IMPACT OF DIFFERENTIAL TUITION ON STUDENTS?

Note that these figures represent a typical student; many variables could affect each individual student’s outcome.

Differential tuition raises the total cost of a business degree from Iowa State – including four years of tuition, on-campus room and board, fees, and books – by roughly five percent. Students who pursue two business majors or require more than four semesters to complete their business major may incur added differential tuition.

Using 2012-2013 tuition rates and assuming a five percent tuition increase in 2013-2014, differential tuition means that most business majors will incur an additional $3,366 in tuition during their final two years at Iowa State: $821 per semester ($1,642) in 2012-2013 and $862 per semester ($1,724) in 2013-2014.

Even with differential tuition, the benefits of a business degree from Iowa State University outweigh the additional costs. Upon graduation, business majors nationwide earned median salaries of more than $5,000 above the overall median salary in 2012, according to data from the National Association of Colleges and Employers (NACE), which tracks college employment trends. So you may earn back the entire cost of your differential tuition in as few as eight months on the job.
Appendix D

Business and Engineering
Schools and Differential Tuition
Lit Review
Sept 28, 2012

Academic Studies

http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1004&context=cehsedaddiss

Same information on a PowerPoint, 2008.


(A3) “Differential Tuition at Public Universities: Models and Implementation Strategies.” 2009. University Leadership Council examines the question → How do large, public, research-intensive universities in urban areas implement differential tuition at the undergraduate level?

http://www.mnsu.edu/finadm/submeetconfer/fy07/112806/6b_differential_tuition_guidelines.pdf


http://sec.tamu.edu/upload/documents/Aaron%20J%20Roney%20%20Differential%20Tuition%20Report.pdf

(A7) “Low-income Engineering Students: Considering Financial Aid and Differential Tuition”. “This paper explores the relationship between tuition differentials and low-income students in Engineering fields at two public, research intensive universities.” 2012.

and

“Differential Tuition by Undergraduate Major at Public Research Universities.”

News Reports


(N3) “More Universities Charging for Tuition for Harder Majors.” April 2012. → Article that introduces to the public the idea of universities charging more for more difficult majors. http://usatoday30.usatoday.com/news/education/story/2012-04-24/differential-tuition-increase-major/54513940/1

(N4) “Board of Governors Approves Differential Tuition Increase” June 2012. Original 15 percent increase passes.” → University Central Florida (UCF) Student Government Association President Cortez Whatley sat on the Board of Governors for the first time, making him the only UCF student to do so. Although he said the decision was tough, he was in favor of the differential tuition increase because he said that institutions cannot operate on shoestring budgets. http://www.centrafloridafuture.com/news/board-of-governors-approves-differential-tuition-increase-1.2745183


(N7) “Engineering students will see a tuition increase of $40 per credit hour” 2012. → Western Michigan University http://www.westernherald.com/news/engineering-students-will-see-a-tuition-increase-of-40-per-credit-hour/

Business Schools (and some Engineering)


(B2) “Differential Tuition FAQ” Iowa State University.
http://www.business.iastate.edu/undergraduate/tuition

and


(B3) “Differential Tuition at Mays Business School FAQ”. USA Today News. includes the fact that Differential Tuition leads to “significant enhancements to the learning experience.”
http://mavs.tamu.edu/tuition/

(B4) “Tuition Shock Hits Business Schools.” March 2011. "The trend is continuing, and I think with fiscal pressures for the various legislative bodies, there will be continued pressure on boards and administrators to consider differential tuition as an alternative source of revenue." http://www.businessweek.com/bschools/content/mar2011/bs2011037_440411.htm

(B5) “Students See Differential Tuition Benefits” Utah State University. "When they leave here, they have links to the business world rather than sitting in the classroom. They get extracurricular field experience," he said. "Having guest speakers and entrepreneurs is very expensive. But they allow you to attract strong people with excellent experience." http://www.usustatesman.com/students-see-differential-tuition-benefits-1.2697060#

(B6) “Differential Tuition FAQ” Western Michigan University”.
http://www.wmich.edu/business/academics/differentialtuition.html

(B7) “Differential Tuition Charges: Fall2012/Spring 2013/Summer 2013.” At Colorado State University there are 3 tiers of differential tuition based on cost, demand and return.
http://registrar.colostate.edu/Data/Sites/1/undergraduate_differential_tuition.pdf


Engineering Schools


Here was the proposal


and

http://sec.tamu.edu/differentialtuition.aspx

and


(E4) “UW-Madison engineering students benefit from differential tuition” → This is a youtube video in which students reflect on the benefits they see from differential tuition. http://www.youtube.com/watch?v=bjVZONYjX7M


and

“College of Engineering Differential Tuition Message from the Dean.” 2012. The Board of Regents is considering a tuition surcharge of $1,750 per year for upper-level engineering students at Iowa State University. http://www.eng.iastate.edu/surcharge/


Differential Tuition Proposal by UAF SOM

- The School of Management is asking for differential tuition only for itself. Virtually all of the effect of differential tuition will be placed on UAF SOM students.

- Differential tuition for business schools is used nation-wide and is very common. Other forms of differential tuition are already being used across the UA system.

- By paying the same tuition rate, students in lower-cost programs subsidize students in higher cost programs. Therefore, differential tuition in higher cost programs is more equitable than across the board tuition hikes.

- Differential tuition for SOM has broad support among the SOM faculty, staff, students and the business community.

- Differential tuition, or a comparable additional revenue source, is necessary for SOM to keep its dual AACSB International accreditation in business and accounting.

- Differential tuition sustains the quality of the degree programs, increases student retention rates, and saves students money by allowing them to graduate faster. Differential tuition benefits SOM students.
In 2011 the Board of Regents adopted a planning process presented by President Gamble at their January meeting (see first item in the attachment). The process outlined a requirement that three documents be produced: the Mission Area Analysis (MAA), the Statement of Need (SON) and the Statement of Requirements (SOR). The Board was enthusiastic about the process as a means to have the university’s capital planning process be more directly driven by the academic and research mission. They were certain that the documented data and decision-making would strengthen the university’s efforts to gain legislative support for the university priorities reflected in both the capital and operating budget requests.

Once the MAU arrives at Step 8 in the Program Resource Planning (PRP) process with a determination that capital investment is required, the rest of the steps apply to planning for new construction, expansion and/or substantial building renovation and renewal. This PRP process does not apply to deferred maintenance and renewal projects not to minor renovation projects no matter the amount of the total project cost. The emphasis is on gaining regent approval of program mission that drives decision-making for new construction and/or substantial renovation and renewal investment.

At this time there are no templates, nor specific required formats, for these three documents as the data and information tend to be defined by the situation being evaluated. Both the original presentation to the Board and the more detailed PRP process chart (adopted later in 2011) give guidance about the content for these documents. In developing the more detailed process we worked with SAC and, as much as possible, accommodated the existing academic and research planning processes to eliminate the need for additional document production.

The Mission Area Analysis document focuses on providing information and data that justifies the program(s) being added or expanded. In the case of new construction to replace an existing building that is beyond its useful life, the focus of the documents will be slightly different, but an MAA is still required. In the academic instruction realm, the MAA is usually the summary from the academic plan (for example: the UA Academic Plan for Health Programs). That summary is usually submitted on a Program Action Request form to SAC and then, if approved, is submitted to the Board's Academic and Student Affairs committee for approval or concurrence as appropriate. The MAA document has nothing to do with justifying buildings and infrastructure but is the explanation and justification for the programs that an MAU has or wishes to gain new approval for. This MAA document may be shorter or longer depending on the nature of the program(s) being submitted. The MAA captures the thinking process that has caused a department to determine that it is necessary or desirable to provide particular degree(s), certificate(s), program(s), research effort(s) or other service(s) in support of its mission. Justification for and development of a capital request and a subsequent design and construction project is the end of the program planning process not the beginning. Significant analysis of student needs and evaluation of actions that could best strengthen student enrollment, and ensure retention and completion occurred prior to a new construction project being approved for inclusion in the capital budget request.
The **Statement of Need** document is a concise summary of the compelling facts derived from the MAA data and justification. This can be a single page or two. It does not need to be long. The SON is submitted along with the MAA to the Board’s Academic and Student Affairs Committee for review and approval. The purpose is to provide the Board a concise summary of program analysis and the capital and operating budget impacts (both increases and decreases). In the case of research, there is usually material already developed which documents the strengths of our current program of research and perhaps outlines additional directions which are leading to a conclusion that something is needed, such as the focus on research and development to build and sustain Alaska’s economic growth which was included in the FY14 operating budget request. If space alteration or construction is a need, the MAU will want to involve the Facilities department in preparing this document and the SOR.

The **Statement of Requirements** documents the detailed solution set (options) that can satisfy the SON. It includes: identification of program personnel (faculty and staff) requirements; facility needs; furnishings, fixtures and equipment (FF&E) requirements; operations and maintenance (O&M) costs; and second order effects, such as space reallocation and repurposing planning (AKA backfill planning), personnel consolidation, opportunity gained or lost. This is the document that identifies all the potential impacts and potential costs associated with a mission expansion and is submitted to the Board for review and acceptance.

In summary, the Program Resource Planning Process records the results of the thinking and planning processes which will, when appropriate or required, drive the administration’s and Board’s decisions about operating and capital investment strategy as well as project planning processes. The availability of this data and the record of decision-making provide strong answers to questions raised by the Board, the Governor and Legislators as we go through the budgeting process. As we have transitioned into full application of the PRP Process, we have experienced an increase in acceptance of our requests and improvement in our communication with the Finance Committees who are closely examining the outcomes achieved with the funds provided to the university.
Will this proposal require approval by President or BOR?

If yes, follow MAU internal evaluation process.

Is this a Deferred Maintenance (DM) or Small R&R Project?

If yes, skip to step 6.

Is this an Academic in nature?

If yes, MAU produces an Academic Mission Area Analysis (MAA) & a Statement of Need (SON) (should be contained in the MAU Program Proposal).

Will it have a facilities cost component?

If yes, MAU produces an Administrative Mission Area Analysis (MAA) and a Statement of Need (SON).

IR Data input:

YES

NO

Will this proposal require approval by President or BOR?

Follow MAU internal evaluation process.

Is this a Deferred Maintenance (DM) or Small R&R Project?

If yes, skip to step 6.

Is this an Academic in nature?

If yes, MAU produces an Academic Mission Area Analysis (MAA) & a Statement of Need (SON).

IR Data input:

YES

NO

Will it have a facilities cost component?

If yes, MAU produces an Administrative Mission Area Analysis (MAA) and a Statement of Need (SON).

IR Data input:

YES

NO

1. MAU produces an Academic Mission Area Analysis (MAA) & a Statement of Need (SON) (should be contained in the MAU Program Proposal).

2. MAU produces a Program Action Request (PAR) Formerly a HEX Form

3. MAU submits to SAC for review and concurrence

4. MAU develops a Preliminary Administrative Approval Request (PAA)

5. President approves PAA

6. MAU produces a Statement of Requirements (SOR)

7. Is this an Academic Program?

If yes, MAU submits MAA, SON and SOR to BOR Academic and Student Affairs Committee for approval.

8. MAU Develops Business and Financing Plan


10. President, FLMC and BOR approval of operating and capital budgets, and LRP

11. Governor and Legislature Action

12. UA BOR accepts Appropriated Budgets

13. Board of Regents Project Approval Processes

14. Project Agreement

Formal Project Approval

Schematic Design Approval

Change Requests

Project Bid/Award Reports

Final Project Report

14a. Board Approval of Project Plan via the June Distribution List

Deferred Maintenance and Small R&R projects

Construction – New or Expansion, Large R&R

Infrastructure – New or Expansion

Time Frames:

- Steps 1-3 may require 1-9 months
- Steps 4-7 may require 1-3 months
- Steps 8-13 generally require 7-8 months
- Step 14 will vary depending on the size of the project (a few weeks to several years.)

Process Ends

Project Type

Statement of Requirements Components

Faculty/Staff

FF&E

Infrastructure

Backfill, Other Second Order Impacts

New Space, Remodeling

Building Operations and Maintenance

110
### Fundraising Progress (excluding private grants)**
**FY13 YTD (July 1 to June 30)**

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<thead>
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<th></th>
<th>FY07</th>
<th>FY08</th>
<th>FY09</th>
<th>FY10</th>
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* Excludes KUAC giving

** Starting in FY11, private grants were added to Raisers Edge. These numbers exclude those grants.

### Fundraising Goals**

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<th><strong>Program Support</strong></th>
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<td>FY13 YTD</td>
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</table>

% of Total 25.8% 39.0% 26.7% 20.0% 4.0% 3.2% 9.4% 0.1% 11.1% 37.7%

* Excludes KUAC giving

** Starting in FY11, private grants were added to Raisers Edge. These numbers exclude those grants.

### Private Grants and Fundraising (including private grants)
**FY13 YTD (July 1 to June 30)**

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* Excludes KUAC giving
### Donor Progress
#### FY13 YTD (July 1 to June 30)

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<th></th>
<th>FY07</th>
<th>FY08</th>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13 YTD</th>
<th># Addressable records+</th>
<th>Participation Rate</th>
<th>Non Addressable Records</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>4,437</td>
<td>4,787</td>
<td>4,460</td>
<td>5,324</td>
<td>5,732</td>
<td>4,467</td>
<td>4,180</td>
<td>129,886</td>
<td>3.44%</td>
<td>12,006</td>
</tr>
<tr>
<td><strong>Individuals</strong></td>
<td>3,994</td>
<td>4,279</td>
<td>3,949</td>
<td>4,733</td>
<td>5,066</td>
<td>3,827</td>
<td>3,589</td>
<td>123,555</td>
<td>3.10%</td>
<td>10,653</td>
</tr>
<tr>
<td>Faculty/Staff**</td>
<td>n/a</td>
<td>463</td>
<td>525</td>
<td>520</td>
<td>510</td>
<td>427</td>
<td>337</td>
<td>18,157</td>
<td>2.35%</td>
<td>902</td>
</tr>
<tr>
<td><strong>Friends</strong></td>
<td>1,239</td>
<td>1,378</td>
<td>1,287</td>
<td>1,179</td>
<td>1,818</td>
<td>1,684</td>
<td>1,618</td>
<td>41,958</td>
<td>4.01%</td>
<td>4,698</td>
</tr>
<tr>
<td><strong>Organizations</strong></td>
<td>443</td>
<td>508</td>
<td>511</td>
<td>571</td>
<td>666</td>
<td>640</td>
<td>617</td>
<td>6,333</td>
<td>10.11%</td>
<td>1,353</td>
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<tr>
<td><strong>Corporations</strong></td>
<td>n/a</td>
<td>343</td>
<td>325</td>
<td>314</td>
<td>420</td>
<td>353</td>
<td>323</td>
<td>4,667</td>
<td>7.56%</td>
<td>632</td>
</tr>
<tr>
<td><strong>Foundations</strong></td>
<td>n/a</td>
<td>50</td>
<td>33</td>
<td>38</td>
<td>49</td>
<td>52</td>
<td>42</td>
<td>337</td>
<td>15.43%</td>
<td>26</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>n/a</td>
<td>115</td>
<td>153</td>
<td>219</td>
<td>197</td>
<td>235</td>
<td>254</td>
<td>2,680</td>
<td>8.77%</td>
<td>695</td>
</tr>
</tbody>
</table>

* Excludes KUAC donors
** Faculty/Staff that are alumni of the University of Alaska are reflected under the alumni category
+ Determined as of report date

### Alumni Participation Rate by Undergraduate-Degreed Alumni (Public Institutions)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Research/Doctoral</td>
<td>10.50% 9.40%</td>
<td>53.85% 4.75% 16.67%</td>
<td>45.45% 4.50% 0.00%</td>
<td>66.67% 3.80% 9.09%</td>
</tr>
<tr>
<td>Master's</td>
<td>5.50% 4.70%</td>
<td>8.31% 4.03% 1.68%</td>
<td>5.38% 4.53% 1.34%</td>
<td>4.51% 4.48% 0.62%</td>
</tr>
<tr>
<td>Baccalaureate</td>
<td>8.40% 7.60%</td>
<td>5.23% 2.71% 1.48%</td>
<td>2.92% 2.71% 0.91%</td>
<td>2.67% 2.69% 0.56%</td>
</tr>
<tr>
<td>Associates</td>
<td>1.80% 1.30%</td>
<td>2.69% 0.80% 0.66%</td>
<td>1.45% 1.15% 0.32%</td>
<td>1.22% 0.83% 0.04%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>6.55% 5.75%</td>
<td>5.18% 2.07% 1.11%</td>
<td>2.66% 2.74% 0.79%</td>
<td>2.18% 2.23% 0.34%</td>
</tr>
</tbody>
</table>
## Foundation Trustees*

<table>
<thead>
<tr>
<th></th>
<th>FY13 YTD (7/1/2012 to 6/30/2013)</th>
<th>Calendar Year 2013</th>
<th>Lifetime Giving ** (through June 30, 2013)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Gifts ($)</strong></td>
<td>$109,941</td>
<td>$50,956</td>
<td>$387,849</td>
</tr>
<tr>
<td><strong>Donors</strong></td>
<td>20</td>
<td>19</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Members</strong></td>
<td>21</td>
<td>21</td>
<td>21</td>
</tr>
<tr>
<td><strong>% of Board Giving</strong></td>
<td>95%</td>
<td>90%</td>
<td>14%</td>
</tr>
<tr>
<td><strong>Average Gift Amount</strong></td>
<td>$5,497</td>
<td>$2,682</td>
<td>$129,283</td>
</tr>
<tr>
<td><strong>Number of Legacy Society Members</strong></td>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Includes Trustees currently serving  
** Cumulative gifts in excess of $100,000 under row 2 "Donors"

## University Regents*

<table>
<thead>
<tr>
<th></th>
<th>FY13 YTD (7/1/2012 to 6/30/2013)</th>
<th>Calendar Year 2013</th>
<th>Lifetime Giving** (through June 30, 2013)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Gifts ($)</strong></td>
<td>$12,905</td>
<td>$8,165</td>
<td>$182,855</td>
</tr>
<tr>
<td><strong>Donors</strong></td>
<td>10</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total Members</strong></td>
<td>11</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td><strong>% of Board Giving</strong></td>
<td>91%</td>
<td>73%</td>
<td>9%</td>
</tr>
<tr>
<td><strong>Average Gift Amount</strong></td>
<td>$1,291</td>
<td>$1,021</td>
<td>$182,855</td>
</tr>
<tr>
<td><strong>Number of Legacy Society Members</strong></td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Includes Regents currently serving  
** Cumulative gifts in excess of $100,000 under row 2 "Donors"

**NOTE: We expect to be at 100% board giving by year-end**
Approval of Revision to Regents’ Policy 05.01.030

CURRENT LANGUAGE WITH TRACK CHANGES for PROPOSED LANGUAGE CHANGES

P05.01.030. Transfers and Budget Augmentation.

A. The following types of budget augmentations shall be subject to the approval of the board and to additional approvals as may be required by the state:

1. requests for supplemental funding from the legislature to augment a current fiscal year budget;

2. requests for budget amendments from the governor to augment or revise the governor's budget request to the legislature for a future fiscal year.

B. Requests for new positions in the executive officer and senior administrator job group as defined under P04.01.050 shall be subject to the approval of the president.

(09-30-94)

PROPOSED LANGUAGE CHANGES

P05.01.030. Transfers and Budget Augmentation.

A. The following types of budget augmentations shall be subject to the approval of the board and to additional approvals as may be required by the state:

1. requests for supplemental funding from the legislature to augment a current fiscal year budget;

2. requests for budget amendments from the governor to augment or revise the governor's budget request to the legislature for a future fiscal year.

B. Requests for new positions in the officer and senior administrator job group as defined under P04.01.050 shall be subject to the approval of the president.

(XX-XX-XX)
AMENDED MEMORANDUM OF UNDERSTANDING

This AMENDED MEMORANDUM OF UNDERSTANDING is entered into this
_2_ day of February, 1972,

on behalf of the University of Alaska (hereinafter, the U of A), and Alaska Methodist

University (hereinafter, AMU).

WITNESSETH:

WHEREAS, U of A plans to expand its campus at Anchorage, Alaska, and
requires suitable land to carry out that expansion; and

WHEREAS, AMU has patent to land in the Anchorage area which is suitable
for such expansion; and

WHEREAS, due to developments occurring subsequent to the execution of
the MEMORANDUM OF UNDERSTANDING dated January 8, 1972, between the above
mentioned parties, it is necessary to amend the same in accordance with the
provisions hereinafter set forth;

NOW, THEREFORE, the parties agree as follows:

1. AMU agrees to convey to U of A in fee simple
absolute approximately 197.5 acres of land described as follows:

   Parcel No. 1: The Southeast One-quarter (SE 1/4) of the Southeast
   One-quarter (SE 1/4) of Section Twenty-one (21), Township Thirteen
   North (T13N), Range Three West (R3W), Seward Meridian.

   Parcel No. 2: The South One-half (S 1/2) of the Southwest One-
   quarter (SW 1/4) of Section Twenty-two (22), Township Thirteen North
   (T13N), Range Three West (R3W), Seward Meridian.

   Parcel No. 3: The Northeast One-quarter (NE 1/4) of the Northeast
   One-quarter (NE 1/4) of Section Twenty-eight (28), Township Thirteen
   North (T13N), Range Three West (R3W), Seward Meridian.

   Parcel No. 4: The Northwest One-quarter (NW 1/4) of the Southeast
   One-quarter (SE 1/4) of the Northeast One-quarter (NE 1/4) of Section
   Twenty-eight (28), Township Thirteen North (T13N), Range Three West.
Parcel No. 5: The West One-half (W 1/2) of the Northeast One-quarter (NE 1/4) of the Southeast One-quarter (SE 1/4) of the Northeast One-quarter (NE 1/4) of Section Twenty-eight (28), Township Thirteen North (T13N), Range Three West (R3W), Seward Meridian.

Parcel No. 6: All that portion north of University Drive of the North One-half (N 1/2) of the Southwest One-quarter (SW 1/4) of the Southeast One-quarter (SE 1/4) of the Northeast One-quarter (NE 1/4) of Section Twenty-eight (28), Township Thirteen North (T13N), Range Three West (R3W), Seward Meridian.

Parcel No. 7: All that portion north of University Drive of the Northwest One-quarter (NW 1/4) of the Southeast One-quarter (SE 1/4) of the Southeast One-quarter (SE 1/4) of the Northeast One-quarter (NE 1/4) of Section Twenty-eight (28), Township Thirteen North (T13N), Range Three West (R3W), Seward Meridian.

Parcel No. 8: The easterlymost two and one-half (2 1/2) acres of the North One-half (N 1/2) of the Southwest One-quarter (SW 1/4) of the Northeast One-quarter (NE 1/4) of Section Twenty-eight (28), Township Thirteen North (T13N), Range Three West (R3W), Seward Meridian.

Parcel No. 9: The Southwest One-quarter (SW 1/4) of the Northwest One-quarter (NW 1/4) of the Northwest One-quarter (NW 1/4) of the Southwest One-quarter (SE 1/4) of Section Twenty-eight (28), Township Thirteen North (T13N), Range Three West (R3W), Seward Meridian; and

The Southwest One-quarter (SW 1/4) of the Northwest One-quarter (NW 1/4) of the Southwest One-quarter (SE 1/4) of Section Twenty-eight (28), Township Thirteen North (T13N), Range Three West (R3W), Seward Meridian; and

The Southwest One-quarter (SW 1/4) of the Southeast One-quarter...
(SE 1/4) of the Northwest One-quarter (NW 1/4) of the Southeast One-quarter (SE 1/4) of Section Twenty-eight (28), Township Thirteen North (T13N), Range Three West (R3W), Seward Meridian.

2. All parcels have been patented to AMU under U. S. Patent No. 50-64-0186 and 50-64-0187, dated June 2, 1964, and the U of A's use shall be subject to the restrictions imposed in the original patents. This conveyance is subject to the approval of the Secretary of the United States Department of the Interior. Both parties agree to cooperate in planning for the use and development of their adjoining lands.

3. The U of A shall pay AMU the sum of One million nine hundred fifty thousand dollars ($1,950,000) for the above described parcels of land with one-half (1/2) thereof payable on March 20, 1972, as soon as a legislative appropriation for this purpose is enacted, and the remaining one-half (1/2) thereof, payable on July 1, 1972.

4. AMU shall dedicate in perpetuity the balance of its main Anchorage campus which it holds under the November 28, 1958, U. S. Patent No. 1150278, including both land and existing and future buildings, to nonprofit education, health, recreation and conservation or related public purposes. The U of A has the right to enforce this dedication.

5. AMU and U of A shall implement the Memorandum of Understanding of August 11, 1969, commonly known as the "Consortium Agreement," to guarantee the sensible elimination of duplication of higher educational opportunities in Anchorage consistent with the stated objectives of the respective higher education institutions in the Anchorage area. AMU shall make available to the U of A classrooms and other facilities not now being fully utilized without further payment effective at once. The U of A and AMU shall establish and implement a common calendar for major terms in each academic year commencing with the 1972-73 academic year. The Legislative Council of the Alaska State Legislature shall oversee the implementation of the "Consortium Agreement" and shall enforce recommendations and settle disputes between AMU and U of A.
6. The implementation of this agreement is subject to legislative appropriation.

7. The Memorandum of Understanding is hereby declared null and void.

Dated at Anchorage, Alaska this 11th day of March, 1972.

UNIVERSITY OF ALASKA

By: President, Board of Regents

Attest:

SECRETARY, BOARD OF REGENTS

ALASKA METHODIST UNIVERSITY

By: Chairman, Board of Trustees

Attest:

SECRETARY, BOARD OF TRUSTEES
IN THE SUPERIOR COURT FOR THE STATE OF ALASKA
THIRD JUDICIAL DISTRICT

UNIVERSITY OF ALASKA,

Plaintiff,

vs.

ALASKA PACIFIC UNIVERSITY,

Defendant.

No. 3AN-97-7779 CIV

AGREEMENT OF PARTIES AND FINAL JUDGMENT

Based upon the agreement of the parties, the Court enters final judgment as follows:

1. The land which is the subject of this judgment is:

   The Northwest one-quarter (NW 1/4) of the Northeast one-quarter (NE 1/4) of the Northwest one-quarter (NW 1/4), the South one-half (S 1/2) of the Northeast one-quarter (NE 1/4) of the Northwest one-quarter (NW 1/4), the Northwest one-quarter (NW 1/4) of the Northwest one-quarter (NW 1/4), the South one-half (S 1/2) of the Northwest one-quarter (NW 1/4), and the North one-half (N 1/2) of the Southwest one-quarter (SW 1/4); all within Section 27 of Township 13 North, Range 3 West, Seward Meridian, Alaska; and

   The East one-half (E1/2) of the East one-half (E1/2) of the Southeast one-quarter (SE 1/4) of the Northeast one-quarter (NE 1/4), and that portion of the East one-half (E1/2) of the East one-half (E1/2) of the Northeast one-quarter (NE 1/4) of the Southeast one-
quarter (SE 1/4) located east of the Bragaw Drive right-of-way, all within Section 28 of Township 13 North, Range 3 West, Seward Meridian, Alaska;

Portions of said property are included within Plats 83-309, 85-298, 88-1, 92-117, and 97-24, recorded at the Anchorage Recording District, Third Judicial District, State of Alaska.

2. Effective March 11, 1972, APU dedicated in perpetuity the above-referenced land and existing and future buildings to nonprofit education, health, recreation and conservation or related public purposes. Notwithstanding this restriction, U of A will not unreasonably challenge land usage by APU that is in keeping with the spirit of the Bureau of Land Management language that originally conveyed the land to APU, to wit,

   a. Net income to APU is used to support the educational programs of APU,

   b. The facility has a significant and substantial relationship to an educational program offered by APU, including "hands on" training in various educational and vocational skills.

3. Notwithstanding the foregoing, APU may lease a portion of its campus lands to Medistar Corporation (Medistar) for development and use as a health care facility by HealthSouth Corporation (HealthSouth) (the health care facility), consistent with a Conditional Use Application which Medistar submitted to the Municipality of Anchorage, dated July 9, 1998 (the conditional use application), to
allow for construction and operation of the health care facility. The health care facility may be operated upon six and two-tenths (.6) acres of land which Medistar desires to lease from APU, and which is described in the conditional use application, and upon up to eight-tenths (.8) of an acre of adjoining land, for a total of up to seven (7.0) acres of land. The lease and use of land stated in this paragraph is conditioned upon the approval by the Municipality of Anchorage of the conditional use application in a form substantially similar to that submitted by Medistar on July 9, 1998 and upon receipt of plat approval for the subdivision by APU of the lands to be leased and, use in a manner substantially similar to that identified in the conditional use application.

4. This Agreement of the Parties and Final Judgment is binding upon the parties' successors and assigns.

5. This Agreement of the Parties and Final Judgment may be amended at the request of either party to include a property description when plat approval of the health care facility is granted.

6. This Agreement of the Parties and Final Judgment may be recorded for multiple purposes by either party under AS 40.17.035(3).
7. Otherwise, this matter is dismissed with prejudice, each party to bear its own costs and attorneys' fees.

Agreed: 
President Mark A. Hamilton
University of Alaska

Date: 10 Sept 1998

Subscribed by: 
Russell L. Winner
Attorney for
University of Alaska
Alaska Bar No. 7811149

Date: 9/10/98

Agreed: 
Douglas M. North
President Alaska Pacific University

Date: 9/14/98

Submitted by: 
Peter A. Lekich
Attorney for Alaska
Pacific University
Alaska Bar No. 6911039

Date: 9/15/98

FILED IN THE TRIAL COURTS
State of Alaska, Third Judicial District
SEP 24 1998
Docket No. 3034

IT IS SO ORDERED
Dated this 4th day of SEPTEMBER, 1998.

Brian C. Shortall
Superior Court Judge

I certify that on SEPTEMBER 24, 1998, a copy of the above was mailed to each of the following at their addresses of record:

Alaska Bar

Secretary/Deputy Clerk
RESCISSION AGREEMENT
REGARDING JUDGMENT ENTERED SEPTEMBER 24, 1998
AND
AMENDED MEMORANDUM OF UNDERSTANDING DATED MARCH 11, 1972.

Comes now the University of Alaska, an instrumentality of the State of Alaska (“UA”) and Alaska Pacific University, an Alaska Corporation (“APU”) and enter into the following Rescission Agreement effective this ______ day of ________, 2013.

Recitals:

A. In 1958 and in 1964, APU then known as Alaska Methodist University, acquired federal land under several federal patents, (Patent 1188433 dated March 4, 1955, Patent 1150278 recorded at Book 183 Page 162, and Patents No. 50-64-0186 and No. 50-64-0187) issued under the Recreational and Public Purposes Act (43 USC sec. 869) (the “Patents”). The Federal Bureau of Land Management managed the land transactions and each patent contained a land use restriction that restricted APU’s ability to use or transfer the land for other than college purposes absent prior consent from the Secretary of Interior. Under Patent 1150278, this land use restriction was to last for twenty-five years and any violation could result in the reversion of the property to the United States, generally referred to as a reverter clause.

B. In the early 1970s, the University of Alaska and Alaska Pacific University began considering several joint transactions. One of these transactions resulted in the sale of approximately 197.5 acres from Alaska Pacific to the University of Alaska. This sale involved the lands that had been patented under Patent No. 50-64-0186 and 50-64-0187. These transactions lead to an Amended Memorandum of Understanding on March 11, 1972 (the “1972 Agreement”). Section 4 of the Agreement pertained to Alaska Pacific’s land received from the federal government but not transferred to the University of Alaska. Section 4 of the Agreement provides in relevant part:

This agreement provided in relevant part:

A[P]U shall dedicate in perpetuity the balance of its main Anchorage campus which it holds under the November 28, 1958 U.S. Patent No. 1150278, including both land and existing buildings and future buildings, to nonprofit education, health, recreation and conservation or related public purposes. The U of A has the right to enforce this dedication.

C. On March 21, 1979, APU entered into an agreement with the United States Department of the Interior governing the 287.5 acres it had received by patent, which in part defined what “education and public purposes” the land could be used for and acknowledged the land could be pledged as collateral for financings so long as the financing recognized these restrictions as well. This Agreement was recorded at Book 389 Page 782, Anchorage Recording District, Third Judicial District, State of Alaska. (“BLM Agreement”) It established the reverter clause to 25 years from the date of that Agreement, and thus would have expired on or about March

D. In 1997, in University of Alaska vs. Alaska Pacific University Case No. 97-7779 Civ., the parties litigated the issue of the scope of the restrictions imposed under the Patents and the 1972 Agreement. By Agreement of the Parties and Final Judgment ordered and entered by the court on September 24, 1998 and recorded at Book 3329 Page 443 as well as Book 3329 Page 447, Anchorage Recording District, Third Judicial District State of Alaska, (the “Final Judgment”) the parties described the 1972 Agreement as Alaska Pacific’s dedication “in perpetuity the above referenced land and existing and future buildings to nonprofit education, health, recreation and conservation or related public purposes.” The parties also agreed that UA “will not unreasonably challenge land usage by APU that is in keeping with the spirit of the Bureau of Land Management language in the Patents that originally conveyed the land to APU.”

E. The land affected as described in the Final Judgment is described as follows:

The Northwest one-quarter (NW 1/4) of the Northeast one-quarter (NE 1/4) of the Northwest one-quarter (NW 1/4), the South one-half (S 1/2) of the Northeast one-quarter (NE 1/4) of the Northwest one-quarter (NW 1/4), the Northwest one-quarter (NW 1/4) of the Northwest one-quarter (NW 1/4), the South one-half (S 1/2) of the Northwest one-quarter (NW 1/4), and the North one-half of (N 1/2) of the Southwest one-quarter (SW 1/4); all within Section 27 of Township 13 North, Range 3 West, Seward Meridian, Alaska; and

The East one-half (E 1/2) of the East one-half (E 1/2) of the Southeast one-quarter (SE 1/4) of the Northeast one-quarter (NE 1/4), and that portion of the East one-half (E 1/2) of the East one-half (E 1/2) of the Northeast one-quarter (NE 1/4) of the Southeast one-quarter (SE 1/4) located east of the Bragaw Drive right-of-way; all within Section 28 of Township 13 North, Range 3 West, Seward Meridian, Alaska;

Portions of said property are included within Plats 83-309, 85-299, 88-1, 92-117, and 97-24, recorded at the Anchorage Recording District, Third Judicial District, State of Alaska.

(the “Property”)
F. Since the Final Judgment and 1972 Agreement, APU has continued to develop and lease improvements on its campus with UA approval and the parties have entered into joint agreements for the use and development of land as well.

G. The parties agree that the continuing restriction in perpetuity of APU’s use of its land and building to the specific purposes spelled out in the Final Judgment and UA’s enforcement powers are no longer useful and in many ways are counterproductive to the good relations between the two universities. It has been a long-term point of controversy and has restrained mutual agreement, mutual planning and mutual projects. The parties wish to proceed in the future without the encumbrances posed by the covenants as set forth in the 1972 Agreement and the Final Judgment. The parties wish to memorialize their new relationship going forward on the following terms as set forth in this Agreement.

For good and valuable consideration and upon these mutual covenants, the parties agree as follows:

1. **Section 4 of the** The 1972 Agreement and the Final Judgment, as well as the implied covenants and agreements that can be inferred from the 1972 Agreement, the Final Judgment, the Patents and the BLM Agreement (all collectively referred to as the “Agreements”) are hereby rescinded and terminated and shall hereafter be of no further effect.

2. All past development undertaken by APU on the Property that fell under the purview of the Agreements are deemed by UA to have been complaint with the restrictions imposed by the Agreements, or to the extent they were inconsistent, such inconsistencies are waived by UA.

3. The parties shall instruct their counsel to file this Rescission Agreement with the court of competent jurisdiction with a joint motion to have the Final Judgment terminated.

4. Any party may record the order terminating the Final Judgment upon issuance by the court in the Anchorage Recording District and any other recorder’s office as is necessary to give notice of the terms of this Rescission Agreement.

5. The parties agree to cooperate and execute such other agreements and consents as is reasonably necessary to effect the purpose and intent of this Rescission Agreement.

6. Each party warrants and represents: (i) that it is duly organized; (ii) it has full corporate power and authority to enter into this agreement. (iii) that the undersigned signatory is authorized to execute this agreement on behalf of such party; (iv) that no other consents or approvals are required for this agreement to be effective; (v) that entering into this agreement shall not violate any applicable laws, rules or ordinances; and (vi) this Rescission Agreement shall be enforceable against each party in accordance with its terms.

7. The language of this Rescission Agreement shall be construed simply according to its fair meaning and not strictly for or against any party. All words used in the singular will be construed to have been used in the plural, and vice versa, and each gender will include any other gender. The terms of this Rescission Agreement have been fully undertaken in consultation with counsel, and the wording of this Rescission Agreement...
Agreement has been arrived at as a result of their mutual discussions. Accordingly, no provision of this Rescission Agreement shall not be construed against a particular party or in favor of another party merely because of which a party (or its representative) drafted or supplied the wording for such provision.

8.6. This Rescission Agreement has been negotiated and executed in the State of Alaska. This Rescission Agreement shall be governed by and interpreted in accordance with the laws of the State of Alaska, including all matters of construction, validity, performance and enforcement, but without giving effect to principles of conflict of laws. The parties hereby consent, in any dispute, action, litigation, or other proceeding concerning this Agreement to the jurisdiction of the courts of Alaska as located in Anchorage Alaska.

9.7. No other agreements, covenants, representations or warranties, express or implied, oral or written, have been made by either party to the other with respect to the subject matter of this Agreement. All prior and contemporaneous conversations, negotiations, covenants and warranties with respect to the subject matter of this Agreement are waived, merged in this Agreement and superseded by this Agreement. This is an integrated agreement.

10.8. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which shall constitute the same instrument. Facsimile signatures shall be effective as an original

Entered into at Anchorage Alaska at the dates as set forth below.

______________________  Date:________________________
President Patrick K. Gamble
University of Alaska

______________________  Date:________________________
President Don Bantz
Alaska Pacific University
IN THE SUPERIOR COURT FOR THE STATE OF ALASKA
THIRD JUDICIAL DISTRICT AT ANCHORAGE

UNIVERSITY OF ALASKA,                  )
                                       )
    Plaintiff,                         )
                                       )
vs.                                   )
ALASKA PACIFIC UNIVERSITY,             )
    Defendant.                        )
                                       ) Case No.: 3AN-97-7779 CI

JOINT MOTION FOR RELIEF FROM JUDGMENT
UNDER ALASKA CIVIL RULE 60(B)(5)

The Defendant, Alaska Pacific University, moves the Court to grant relief from
the judgment signed and distributed by this Court on September 24, 1998 in University
of Alaska v. Alaska Pacific University, Case No. 3AN-97-7779 CI. This motion is
brought under Alaska Civil Rule 60(b)(5) because it is no longer equitable that the
judgment should have prospective application.

The Plaintiff, the University of Alaska, does not oppose this motion and joins
herein.

The motion is supported by the attached joint memorandum of the parties and the
proposed Order.
ASHBURN & MASON, P.C.
Attorneys for Alaska Pacific University

DATED:______________ By:__________________________
Donald W. McClintock
Alaska Bar No. 8108061

UNIVERSITY OF ALASKA

DATED:______________ By:__________________________
Larry Zervos, Associate General Counsel
Alaska Bar No. 7906066

CERTIFICATE OF SERVICE
I certify that a copy of the foregoing was mailed on the _____ day of May 2013 to:

Larry C. Zervos
Associate General Counsel
University of Alaska
203 Butrovich Building
Box 755160
Fairbanks, Alaska 99775

ASHBURN & MASON, P.C.

By:__________________________
Heidi Wyckoff

JOINT MOTION FOR RELIEF FROM JUDGMENT UNDER ALASKA CIVIL RULE 60(B)(5)
University of Alaska vs. Alaska Pacific University Case No. 3AN-97-7779CI
101112-011-00119903,2}
IN THE SUPERIOR COURT FOR THE STATE OF ALASKA

THIRD JUDICIAL DISTRICT AT ANCHORAGE

UNIVERSITY OF ALASKA,

Plaintiff,

vs.

ALASKA PACIFIC UNIVERSITY,

Defendant.

Case No.: 3AN-97-7779 CI

JOINT MEMORANDUM IN SUPPORT OF
MOTION
FOR RELIEF FROM JUDGMENT

On September 24, 1998, the Court issued a final order entitled Agreement of Parties and Final Judgment ("Judgment") based on the parties' settlement of this case. The Judgment, among other things, memorialized Alaska Pacific University's dedication to use its land and existing and future building only for "nonprofit education, health recreation and conservation or other public purposes." With the passage of time, the land restrictions are no longer necessary nor equitable.

I. FACTS

1 See attached Exhibit 1.
2 Exhibit 1, page 2.
In 1958 and in 1964, Alaska Pacific University, then known as Alaska Methodist University, acquired federal land under three federal patents. The Federal Bureau of Land Management managed the land transactions and each patent contained a land use restriction that required the Alaska Pacific University to use the land for school purposes. This land use restriction was to last for twenty-five years under Patent 1150278.

In the early 1970s the University of Alaska and Alaska Pacific University began considering several joint transactions. One of these transactions resulted in the sale of approximately 197.5 acres from Alaska Pacific to the University of Alaska. Eventually, on March 11, 1972, these transactions lead to an Amended Memorandum of Understanding on March 11, 1972. This agreement identified a portion of Alaska Pacific University land that was to be sold to the University of Alaska and then in Section 4 provided: “A[U] shall dedicate in perpetuity the balance of its main Anchorage campus which it holds under the November 28, 1958 U.S. Patent No. 1150278, including both land and existing buildings and future buildings, to nonprofit education, health, recreation and conservation or related public purposes. The U of A has the right to enforce this dedication.”

In 1979, the Bureau of Land Management extended the expiration dates of the federal land restrictions on the land still owned by Alaska Pacific University to
March 20, 2003.\textsuperscript{5}

In 1996 and 1997, a dispute arose between the Universities over the 1972 Amended Agreement and the land restrictions in the patents. This dispute lead to the filing of this lawsuit, and this suit resulted in the 1998 Agreement of the Parties and Final Judgment.\textsuperscript{6} Paragraph 2 of that Judgment provides:

Effective March 11, 1972, APU dedicated in perpetuity the above-referenced land and existing and future buildings to nonprofit, educational, health, recreational and conservations or related public purposes. Notwithstanding this restriction, U of A will not unreasonably challenge land usage by APU that is in keeping with spirit of the Bureau of Land Management language that originally conveyed the land to APU, to wit:

a. Net income to APU is used to support the educational programs of APU,

b. The facility has a significant and substantial relationship to an educational program offered by APU, including ‘hands on’ training in various educational and vocational skills.

The parties recorded the Judgment in the Anchorage Recording District on September 24, 1998 at Book 3329, page 443 and 447.

The Bureau of Land Management restrictions expired in 2003. But pursuant to the parties’ 1972 Amended Agreement and the Judgment, these restrictions last for perpetuity and encumber Alaska Pacific University’s ability to develop its land.

\textsuperscript{5} Exhibit 3.

\textsuperscript{6} Exhibit 1.
II. LAW

Alaska Civil Rule 60(B)(5) provides that "[o]n motion and upon such terms as are just, the court may relieve a party or a party’s legal representative from a final judgment, order or proceeding for the following reasons:

... (5) the judgment has been satisfied, released, or discharged, or a prior judgment upon which it is based has been reversed or otherwise vacated, or it is no longer equitable that the judgment should have prospective effect[.]"

Generally, the breadth of Rule 60(b)(5) is broad and is appropriate for use with judgments that contain injunctions of a continuing nature.\(^7\) In this case the parties agree that the continuing restriction for perpetuity of Alaska Pacific University’s use of its land and building to the specific purposes spelled out in the Judgment is no longer necessary and is counterproductive to the good relations between these institutional neighbors. It has created a long-term point of controversy and has restrained mutual agreement, mutual planning and mutual projects. Accordingly, the parties have entered into the RESCISSION AGREEMENT REGARDING JUDGMENT ENTERED SEPTEMBER 24, 1998, AND AMENDED MEMORANDUM OF UNDERSTANDING DATED MARCH 11, 1972.\(^8\) The Rescission Agreement directs the parties to file this motion to the court

\(^7\) *Lawrence v. Lawrence*, 718 P.2d 142, 146 (Alaska 1986)(“On the other hand, Professor Moore has observed that ‘the breadth of (b)(5) is broad and encompasses any final judgment having prospective application.’ Thus in any circumstance where the judgment in question has prospective application, relief under Civil Rule 60(b)(5) may be granted from its prospective features when subsequent events make it no longer equitable that the judgment have prospective application.”)(citations omitted)

\(^8\) Attached hereto as Exhibit 4.
so that the court may be issue an order with the intent that it is that the parties
may record and effectively remove the title encumbrances of record created
by the Judgment.

For these reasons the parties mutually ask the court to rescind the September 24,
1998 Judgment so that both parties may be relieved of its terms. The parties request that
this Court enter the attached Order pursuant to the Rescission Agreement of the parties.

ASHBURN & MASON, P.C.
Attorneys for Alaska Pacific University

DATED: ________________  By: __________________________

Donald W. McClintock
Alaska Bar No. 8108061

UNIVERSITY OF ALASKA

DATED: ________________  By: __________________________

Larry Zervos, Associate General Counsel
Alaska Bar No. 7906066

Memorandum in Support
Of Motion for Relief from Judgment
University of Alaska v. Alaska Pacific University
3 AN- 97-7779 CI
{10112-011-00119981:2}
CERTIFICATE OF SERVICE

I certify that a copy of the foregoing was mailed on the ____ day of May 2013 to:

Larry C. Zervos
Associate General Counsel
University of Alaska
203 Butrovich Building
Box 755160
Fairbanks, Alaska 99775

ASHBURN & MASON, P.C.

By: ________________________________
    Heidi Wyckoff
IN THE SUPERIOR COURT FOR THE STATE OF ALASKA

THIRD JUDICIAL DISTRICT AT ANCHORAGE

UNIVERSITY OF ALASKA,

Plaintiff,

vs.

ALASKA PACIFIC UNIVERSITY,

Defendant.

Case No.: 3AN-97-7779 CI

ORDER GRANTING JOINT MOTION FOR RELIEF FROM JUDGMENT UNDER ALASKA CIVIL RULE 60(B)(5)

The Court has considered the Joint Motion for Relief from Judgment Under Alaska Civil Rule 60(B)(5) and having no opposition thereto and good cause having been shown, the Court GRANTS the request.

The Court hereby orders that the Agreement of Parties and Final Judgment executed on September 24, 1998 and recorded at Book 3329, page 443-450, Anchorage Recording District, Third Judicial District, State of Alaska (the "Judgment") and affecting the following described real property and improvements thereon:

The Northwest one-quarter (NW 1/4) of the Northeast one-quarter (NE 1/4) of the Northwest one-quarter (NW 1/4), the South one-half (S 1/2) of the Northeast one-quarter (NE 1/4) of the Northwest one-quarter (NW 1/4), the Northwest one-quarter (NW 1/4) of the Northwest one-quarter (NW 1/4), the South one-half (S 1/2) of the Northwest one-quarter
(NW 1/4), and the North one-half of (N 1/2) of the Southwest one-quarter (SW 1/4); all within Section 27 of Township 13 North, Range 3 West, Seward Meridian, Alaska; and
The East one-half (E 1/2) of the East one-half (E 1/2) of the Southeast one-quarter (SE 1/4) of the Northeast one-quarter (NE 1/4), and that portion of the East one-half (E 1/2) of the East one-half (E 1/2) of the Northeast one-quarter (NE 1/4) of the Southeast one-quarter (SE 1/4) located east of the Bragaw Drive right-of-way; all within Section 28 of Township 13 North, Range 3 West, Seward Meridian, Alaska;

Portions of said property are included within Plats 83-309, 85-299, 88-1, 92-117, and 97-24, recorded at the Anchorage Recording District, Third Judicial District, State of Alaska.

(hereinafter the "Property") is hereby rescinded and null and void and of no other effect and shall have no application to any past, present or future use of the Property.

The Court hereby orders that the Amended Memorandum of Understanding dated March 11, 1972, is further hereby terminated and rescinded in so far as that agreement addresses any past, present or future restriction on the Property or any other land on the Alaska Pacific University campus.

This order shall be recorded in any district where the Judgment has been recorded.

IT IS SO ORDERED.

DATED this ___ day of ________________, 2013.

Honorable Judge ________________
CERTIFICATE OF SERVICE

I certify that a copy of the foregoing was mailed on the ______ day of May 2013 to:

Larry C. Zervos
Associate General Counsel
University of Alaska
203 Butrovich Building
Box 755160
Fairbanks, Alaska 99775

ASHBURN & MASON, P.C.

By: ______________________
   Heidi Wyckoff
Welcome
UA Board of Regents, September 2013

Dr. Rick Caulfield, Provost

Juneau, Ketchikan, Sitka
UAS MISSION

Student learning enhanced by faculty scholarship, undergraduate research and creative activities, community engagement, and the cultures and environment of Southeast Alaska.
UAS VALUES

EXCELLENCE—continuous improvement
DIVERSITY—respect & understanding
ACCESS—innovative & inviting
COLLABORATION—dynamic partnerships
SUSTAINABILITY—educating for the future
STEWARDSHIP—responsible & accountable
UAS CORE THEMES

- STUDENT SUCCESS
- TEACHING AND LEARNING
- COMMUNITY ENGAGEMENT
- RESEARCH & CREATIVE EXPRESSION
PRESENTERS

• **E-LEARNING DEGREE INNOVATIONS @ UAS**
  Professors Dan Monteith (Juneau Campus)
  William Urquhart (Ketchikan Campus)

• **SITKA LAW ENFORCEMENT PARTNERSHIP**
  Professor Dave Sexton (Sitka Campus)

• **ALASKA LEARNING NETWORK (AKLN)**
  Dean Deborah Lo, Kelly Sorensen (EED)
E-Learning Degree Innovations at UAS

Daniel Monteith, PhD
William Urquhart, PhD
University of Alaska Southeast
UAS E-Learning Bachelor’s Degrees

- Bachelor of Arts
  - Elementary Education
  - Social Science
  - Special Education

- Bachelor of Business Administration

- Bachelor of Liberal Arts
Bachelor of Arts in Social Science

- Multi-disciplinary degree
- Available e-Learning concentrations:
  - Anthropology
  - Economics
  - History
  - Psychology
  - Sociology
- Aligned with several Department of Labor and Workforce Development “Hot Jobs”
Bachelor of Liberal Arts

- E-Learning emphasis areas:
  - Alaska Native Languages and Studies
  - Interdisciplinary Studies

- Concentrations include:
  - Communication
  - English
  - History
  - Native Languages
  - Social Sciences

- Broad-based career prep and continuing education
- Popular for future teachers to become highly qualified in a core teaching subject area
UAS E-Learning Students

- Student Demographics:
  - Diverse educational goals
  - Ethnically diverse
  - High percentage of females
  - High percentage of Alaska Natives
  - Geographically diverse
  - High percentage are working, are parents, and/or have careers
UAS Law Enforcement
Successful Launch
Meeting Mandate

Advisory Board

- Terry Vrabec
- Kelly Alzaharna
- Michael Daku
- Bryce Johnson
- Sheldon Schmitt
- Cornelius Sims
- David Felts

Rural & Native Alaskans

Academic Pathway

Professional Development
“The first job of policing is to inspire trust.”

- Stephen R. Covey

IT’S LATE AND GETTING DARK.

DO YOU KNOW WHERE YOUR FUTURE IS?

Carry a badge of honor.

Whether you’re already on a badge or hope someday to be a first responder, check out the new Law Enforcement program at UAS. Study in criminal justice and develop your skills, education, and knowledge, or get a certificate in Law Enforcement. Call Student Services at 907-457-5511 for more information.

AAS
Targeted Classes
Appreciation

“I think this class should be required for all people of Alaska ... whether we’re involved in law enforcement, education, or simply want to better understand our rural communities.”

Summer Lynch, Haines—September 2013
Alaska Learning Network (AKLN)
A Partnership for Alaska Students
AKLN’S EDUCATIONAL OBJECTIVES
Making Education More Accessible

• ACCESS:
  Ensure that growing numbers of students can meet the Alaska Performance Standards and succeed in post-secondary education and the workplace

• RIGOROUS AND CREATIVE CURRICULUM:
  Implement an Alaska-focused, rigorous, and creative curriculum using multiple delivery models

• EXPAND PROGRAMS OF STUDY AND DUAL ENROLLMENT:
  Provide students with clearly-articulated programs of study linking secondary-level instruction with post-secondary education;

• PROFESSIONAL DEVELOPMENT FOR EDUCATORS:
  Expand high-quality professional development opportunities in support of Alaskan educators throughout the state

• EXPAND PARTNERSHIPS:
  Expand partnerships with Alaska universities, industry, and technology-based non-profits
Why UAS?/Why AKLN?

UA’s Strategic Direction Initiative: Productive Partnerships with Alaska’s Schools

UAS Strategic Plan: Collaboration We forge dynamic and cooperative partnerships internally among students, faculty, staff, and externally with other academic institutions, government agencies, business and industry, and community-based organizations to enhance our effectiveness.

AKLN Mission: Making Education More Accessible
The Alaska Learning Network

District to District Collaboration
- Teachers: Hired and paid by district w/ stipend for successfully completing students
- Students: Locally developed classes
- University of Alaska role: Registering and Coordinating Professional development Evaluation

University to District Collaboration
- Teachers: Hired and paid by UAS. Teachers function as adjunct instructors
- Students: Collaboratively developed classes, UA faculty and school district faculty
- University of Alaska role: Registration and Coordinating Professional development Evaluation

Edgenuity/ E 2020
- Teachers: Hired and paid and supervised by Ketchikan School District
- Students: Responsibility of Ketchikan School District
- University of Alaska role: Professional development

Professional Development
- Teachers: Hired and paid by district w/ stipend for successfully completing students
- Students: 2 UAS training institutes yearly 593 class availability
- University of Alaska role: Professional development

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AKLN Initiatives 2013/14

• Increase enrollment
• Increase district participation in AKLN
• Increase AKLN student retention
• Course and website development
• Identification of high quality faculty
• Alignment with UA
• Teacher training in e-Learning
• Development of a summer enrichment schedule
Thank You Gunalcheesh!
Date: July 19, 2013
To: Statewide Academic Council
From: Elisha Baker, Provost and Vice Chancellor for Academic Affairs
Through: Thomas Case, Chancellor
Subject: Proposed Physical Therapist Assistant AAS Program

The College of Health is proposing a Physical Therapist Assistant (PTA) Associate of Applied Science program. The program was initiated in response to a request from the Alaska healthcare industry to prepare Physical Therapist Assistants (PTAs) for employment in the state of Alaska. Alaska is currently the only state without physical therapy education of any kind.

Graduates of the program will be eligible to sit for licensure as Physical Therapist Assistants. PTAs provide physical therapy services under the direction and supervision of a physical therapist. Responsibilities include teaching patients to exercise, training for activities such as walking with crutches, using ultrasound and electrical stimulation, and reporting observations on patients to the physical therapist.

The curriculum was informed by needs assessments with local employers and the requirements established by the Commission on Accreditation of Physical Therapy Education (CAPTE). Legislative appropriations and Alaska Technical Vocational Education Program (TVEP) funds have supported development of this program and work to establish a partnership to offer Physical Therapy education in Alaska. The portion of these funds dedicated to the PTA program has supported curriculum development, hiring the program director, and purchasing necessary laboratory equipment. TVEP funds will be used for the initial start-up years, as well as the continued development of the PT partnership. In the event that TVEP funds are not available, the program’s expenses will be met through reallocation of the available PT/PTA funds and college funds.

The program proposal has been approved by the faculty, dean, and appropriate UAA curriculum committees. The program faculty have also coordinated with colleagues throughout the University of Alaska System through the Allied Health Alliance.

UAA plans to seek CAPTE program accreditation for this program. To apply for candidacy by the March 2014 deadline, the program must have approval from the institutional accreditor. This application will allow an initial site visit in Summer 2014, which must be completed prior to admitting any students or offering any PTA courses.

Attachments: BOR Program Action Request Form, Program Executive Summary and Prospectus
Board of Regents Program Action Request  
University of Alaska  
Proposal to Add, Change, or Delete a Program of Study

1a. Major Academic Unit  
(choose one)  UAA  

1b. School or College  
College of Health  

1c. Department or Program  
Physical Therapist Assistant  

---

2. Complete Program Title  
Associate of Applied Science, Physical Therapist Assistant  

3. Type of Program  
☐ Undergraduate Certificate  
☒ AA/AAS  
☐ Baccalaureate  
☐ Post-Baccalaureate Certificate  
☐ Master's  
☐ Graduate Certificate  
☐ Doctorate  

4. Type of Action  
☒ Add  
☐ Change  
☐ Delete  
☐ Fall  
☒ Spring  
Year 2014  

5. Implementation date (semester, year)  

---

6. Projected Revenue and Expenditure Summary. Not Required if the requested action is deletion.  
(Provide information for the 5th year after program or program change approval if a baccalaureate or doctoral degree program; for the 3rd year after program approval if a master's or associate degree program; and for the 2nd year after program approval if a graduate or undergraduate certificate. If information is provided for another year, specify (3rd) and explain in the program summary attached. Note that Revenues and Expenditures are not always entirely new; some may be current (see 7d.).)  

<table>
<thead>
<tr>
<th>Projected Annual Revenues in FY 17</th>
<th>Projected Annual Expenditures in FY 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td>Salaries &amp; benefits (faculty and staff)</td>
</tr>
<tr>
<td>$193,094</td>
<td>$246,898</td>
</tr>
<tr>
<td>Student Tuition &amp; Fees</td>
<td>Other (commodities, services, etc.)</td>
</tr>
<tr>
<td>$62,304</td>
<td>$8,500</td>
</tr>
<tr>
<td>Indirect Cost Recovery</td>
<td>TOTAL EXPENDITURES</td>
</tr>
<tr>
<td>$</td>
<td>$255,398</td>
</tr>
<tr>
<td>TVEP or Other (specify):</td>
<td>One-time Expenditures to Initiate Program (if &gt;$250,000)</td>
</tr>
<tr>
<td>$</td>
<td>(These are costs in addition to the annual costs, above.)</td>
</tr>
<tr>
<td>Restricted</td>
<td></td>
</tr>
<tr>
<td>Federal Receipts</td>
<td>Year 1</td>
</tr>
<tr>
<td>$</td>
<td>$0</td>
</tr>
<tr>
<td>TVEP or Other (specify):</td>
<td>Year 2</td>
</tr>
<tr>
<td>$</td>
<td>$0</td>
</tr>
<tr>
<td>TOTAL REVENUES</td>
<td>Year 3</td>
</tr>
<tr>
<td>$255,398</td>
<td>$0</td>
</tr>
</tbody>
</table>

---

Page # of attached summary where the budget is discussed, including initial phase-in: 3

7. Budget Status. Items a., b., and c. indicate the source(s) of the General Fund revenue specified in item 6. If any grants or contracts will supply revenue needed by the program, indicate amount anticipated and expiration date, if applicable.  

<table>
<thead>
<tr>
<th>Revenue source</th>
<th>Continuing</th>
<th>One-time</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. In current legislative budget request</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>b. Additional appropriation required</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>c. Funded through new internal MAU redistribution</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>d. Funds already committed to the program by the MAU(^1)</td>
<td>$193,094</td>
<td>$</td>
</tr>
<tr>
<td>e. Funded all or in part by external funds, expiration date</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>f. Other funding source Specify Type: Student tuition and fees</td>
<td>$62,304</td>
<td>$</td>
</tr>
</tbody>
</table>

---

8. Facilities: New or substantially (>$25,000 cost) renovated facilities will be required.  
☐ Yes  
☒ No

If yes, discuss the extent, probable cost, and anticipated funding source(s), in addition to those listed in sections 6 and 7 above.

---

9. Projected enrollments (headcount of majors). If this is a program deletion request, project the teach out enrollments.  

<table>
<thead>
<tr>
<th>Year 1:</th>
<th>Year 2: 10</th>
<th>Year 3: 10</th>
<th>Year 4: 10</th>
</tr>
</thead>
</table>

---

Page number of attached summary where demand for this program is discussed: 2

\(^1\)Sometimes the courses required by a new degree or certificate program are already being taught by an MAU, e.g., as a minor requirement. Similarly, other program needs like equipment may already be owned. 100% of the value is indicated even though the course or other resource may be shared.

UAA Physical Therapist Assistant AAS Prospectus  
2 of 22
10. Number* of new TA or faculty hires anticipated (or number of positions eliminated if a program deletion):

<table>
<thead>
<tr>
<th>Position Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate TA</td>
<td>0</td>
</tr>
<tr>
<td>Adjunct</td>
<td>0</td>
</tr>
<tr>
<td>Term</td>
<td>2</td>
</tr>
<tr>
<td>Tenure track</td>
<td>0</td>
</tr>
</tbody>
</table>

11. Number* of TAs or faculty to be reassigned:

<table>
<thead>
<tr>
<th>Position Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate TA</td>
<td>0</td>
</tr>
<tr>
<td>Adjunct</td>
<td>0</td>
</tr>
<tr>
<td>Term</td>
<td>0</td>
</tr>
<tr>
<td>Tenure track</td>
<td>0</td>
</tr>
</tbody>
</table>

Former assignment of any reassigned faculty: N/A
For more information see page 2 of the attached summary.

12. Other programs affected by the proposed action, including those at other MAUs (please list):

<table>
<thead>
<tr>
<th>Program Affected</th>
<th>Anticipated Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER and pre-requisite courses</td>
<td>All impacted UAA disciplines have been notified and coordinated as part of the regular curriculum process.</td>
</tr>
</tbody>
</table>

Page number of attached summary where effects on other programs are discussed: 1-2

13. Specialized accreditation or other external program certification needed or anticipated. List all that apply or 'none':

- Accreditation by the Commission on Accreditation for Physical Therapy Education (CAPTE)

Page in attached summary where alignment is discussed: 1

14. Aligns with University or campus mission, goals, core themes, and objectives (list): Supports workforce development in a high-demand health service area; collaboration with healthcare industry for clinical rotation placements

Page # in attached summary where e-learning is discussed: 2

15. State needs met by this program (list): Healthcare Workforce development, specifically Physical Therapist Assistant

Page in the attached summary where the state needs to be met are discussed: 1-2

16. Program is initially planned to be: (check all that apply)

- Available to students attending classes at UAA campus(es).
- Available to students via e-learning.
- Partially available to students via e-learning.

Page # in attached summary where e-learning is discussed: 2

Submitted by the University of Alaska Anchorage with the concurrence of its Faculty Senate.

Provost
Date
Chancellor
Date

☐ Recommend Approval
☐ Recommend Disapproval

UA Vice President for Academic Affairs on behalf of the Statewide Academic Council
Date

*Net FTE (full-time equivalents). For example, if a faculty member will be reassigned from another program, but his/her original program will hire a replacement, there is one new faculty member. Use fractions if appropriate. Graduate TAs are normally 0.5 FTE. The numbers should be consistent with the revenue/expenditure information provided.

Attachments:
☐ Summary of Degree or Certificate Program Proposal
☐ Other (optional)

Revised: 10/12/2012
New Program Proposal

Executive Summary

This is a summary of a full prospectus. The full prospectus is available upon request.

Degree/Certificate Title & Responsible Program

<table>
<thead>
<tr>
<th>Major Academic Unit UAA</th>
<th>School or College College of Health</th>
<th>Department Physical Therapist Assistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete Program Title</td>
<td>Associate of Applied Science, Physical Therapist Assistant</td>
<td></td>
</tr>
<tr>
<td>Type of Program</td>
<td>Undergrad Certificate ✔ AA/AAS ☐</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Masters ☐</td>
<td>Graduate Certificate ☐</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Baccalaureate ☐</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Doctoral ☐</td>
</tr>
</tbody>
</table>

1. Relationship of the proposed program relative to the educational mission of the University of Alaska and the MAU.

The proposed Physical Therapist Assistant program has been developed in response to a request from the Alaska healthcare industry to prepare Physical Therapist Assistants (PTAs) for employment in the state of Alaska. There are currently no Physical Therapy education programs in Alaska, nor have there been any programs delivered in the past. Alaska is currently the only state in the US that is without physical therapy education of any kind.

The 2012 workforce data study by the American Physical Therapy Association (APTA) reported 153 licensed PTAs in the state of Alaska, 62 of which are current residents. For the 62 resident PTAs, there are 8.58 PTAs per 100,000 residents. This places Alaska at 49th in the nation. This proposal addresses the need for PTA education in the state of Alaska, and aligns with the strategic priority of workforce development in the high demand area of health services.

2. History of the development of the proposed program.

The Alaska State Hospital and Nursing Home Association approached the UA Office of Health Programs Development (OHPD) requesting education programs in both Physical Therapist Assistant and Physical Therapy. OHPD contracted for two separate needs assessment, one by a local Licensed Physical Therapist and the other by a consultant who is associated with the American Physical Therapy Association. Based on the findings of these two studies, the UA OHPD sought general funding for the establishment of a PTA program at UAA and the development of a partnership with an accredited PT school; initial funding was secured in FY13. Curriculum was developed during AY13, based on requirements established by the Commission on Accreditation of Physical Therapy Education (CAPTE).

3. Impact of the proposed program on existing UA programs, including the GER.

It is anticipated that the impact on other academic units will be minimal since the program is projecting annual cohorts of 10 – 15 students. All impacted UAA disciplines have been notified and coordinated with as part of the regular curriculum process. The program is
designed to meet the needs of the entire state; applicants will be able to complete the pre-requisite courses, including GER courses, through UAA, UAF and UAS campuses.

4. **State needs met by the proposed program.**

Providing an AAS degree program in Physical Therapist Assistant (PTA) will meet the need for trained healthcare workers in Alaska. Two separate needs assessments were completed in 2011. These needs assessments both document the need for physical therapy education programs in Alaska; a PTA program will partially meet this healthcare workforce need. Currently there are few PTAs in the state of Alaska because of the lack of an educational program within Alaska; it is anticipated that the establishment of this program will decrease the number of non-resident PTAs employed in Alaska.

5. **Student opportunities, outcomes, and enrollment projections.**

Graduates who successfully complete the PTA program will be eligible to take the National Physical Therapy Examination for PTA. Upon successful completion of this exam, graduates will then be eligible to apply for licensure in the state of Alaska; licensure is required for PTAs to work in the state. PTAs may work in acute care settings, such as hospitals, or they may find employment in home health, schools, outpatient clinics or an extended care facility.

The program student learning outcomes and the curriculum are aligned with standards established by the Commission on Accreditation in Physical Therapy Education. The program is designed so that students complete pre-requisite coursework, including GERs, prior to enrollment in the PTA courses. Each year, a cohort of 10-15 students will be selected to enter into the PTA courses and will complete the program over three semesters. A new cohort of 10-15 will be selected each year, thus it is projected that 10-15 students will graduate each year. Over a five-year period of time, we anticipate 50-75 students enrolled as full majors. At any point in time, the number of pre-majors, taking pre-requisite courses will vary; it is anticipated that there will be 40-50 pre-majors each year.

All didactic content for the PTA program will be delivered on the UAA campus. During the second year of the program, while students are at clinical sites, seminar courses will be conducted via distance delivery.

6. **Faculty and staff workload implications.**

Delivery of the proposed PTA program requires two full-time faculty, as well as adjunct faculty for 5 credits. One full-time faculty serves as program director; the other full-time faculty serves as the Academic Coordinator of Clinical Education (ACCE). A program director was hired in March 2013 and the AACE will be hired during AY14. Initial staff support is being provided through the School of Allied Health. As the development of the program progresses, a half-time administrative assistant will be hired.
7. Fiscal Plan for the proposed program.

Financial projections are based on personnel requirements as outlined above (2 faculty, .5 FTE administrative assistant and 5 credits of adjunct faculty) and a minimal contractual and commodities budget. Incremental increases are due to accreditation application and site visit costs, and projected yearly salary increases. TVEP funding was secured for FY13, and has been received for FY14. General funds have been secured for the delivery of this PTA program and the development of a partnership for PT education delivery.

Table ES7.1
Incremental Expenses, Revenues, and Balances

<table>
<thead>
<tr>
<th>Year</th>
<th>New Expenses</th>
<th>New Revenue</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yr 1</td>
<td>136,654</td>
<td>136,654</td>
<td>0</td>
</tr>
<tr>
<td>Yr 2</td>
<td>242,769</td>
<td>242,769</td>
<td>0</td>
</tr>
<tr>
<td>Yr 3</td>
<td>248,501</td>
<td>248,501</td>
<td>0</td>
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<tr>
<td>Yr 4</td>
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<td>0</td>
</tr>
<tr>
<td>Yr 5</td>
<td>255,398</td>
<td>255,398</td>
<td>0</td>
</tr>
</tbody>
</table>
New Program Proposal

Prospectus

(See University Regulation R10.04.020.C)

1. Degree/Certificate Title & Responsible Program

<table>
<thead>
<tr>
<th>Major Academic Unit</th>
<th>School or College</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>UAA</td>
<td>College of Health</td>
<td>Physical Therapist Assistant</td>
</tr>
</tbody>
</table>

Complete Program Title
Associate of Applied Science, Physical Therapist Assistant

<table>
<thead>
<tr>
<th>Type of Program</th>
<th>Undergrad Certificate</th>
<th>AA/AAS</th>
<th>Graduate Certificate</th>
<th>Baccalaureate</th>
<th>Masters</th>
<th>Doctoral</th>
</tr>
</thead>
</table>

2. Catalog descriptions of the program and of new or modified courses that constitute the major field of study.

See Attachment A.

3. Rationale for the new program and educational objectives, student learning outcomes and plan for assessment.

a. The Role of the Physical Therapist Assistant:

Physical Therapist Assistants (PTAs) provide physical therapy services under the direction and supervision of a physical therapist (PT). PTAs help people of all ages who have medical problems, or other health-related conditions that limit their ability to move and perform functional activities in their daily lives.

Some of the care provided by a PTA may include teaching patients or clients exercises for mobility, strength and coordination, training for activities such as walking with crutches, canes, or walkers, massage, and the use of physical agents and electrotherapy such as ultrasound and electrical stimulation. PTAs also observe the patient's abilities and report their observations to the physical therapist. Unlike a physical therapist, the PTA cannot evaluate a patient, update a plan of care, or discharge a patient.

PTAs are employed wherever physical therapists work. Hospitals, rehabilitation centers, nursing homes, home and public health agencies, schools, private physical therapy practices, and the armed forces are major employers.

b. The need for PTAs

In order to assess the need for physical therapy professionals in the state of Alaska and nationwide, the University of Alaska Anchorage (UAA) had two separate needs assessments done, one by a local physical therapist (Zuzana Rogers, PT, COMT) in January of 2011, and one by the Lead Specialist of PTA Services in the Academic Affairs Department at the American Physical Therapy Association (Janet Crozier, PT, DPT, MEd) in September of 2011. Both of their reports included data obtained through
formal and informal sources, to include reports from the Alaska Center for Rural Health, the Bureau of Labor Statistics, the American Physical Therapy Association and interviews with Physical Therapists in the state.

There are currently no Physical Therapy education programs in the state of Alaska, nor have there been any programs delivered in the past. Alaska is currently the only state in the US that is without PT education of any sort. In response to the need for physical therapists/physical therapist assistants in Alaska, the Alaska State Legislature appropriated $350,000 in the 2012 session to the University of Alaska Anchorage for the development of PT/PTA education programs.

The academic program, the educational objectives, the learning outcomes, and the assessment plan were developed following the *Evaluative Criteria for PTA Programs*, established by the Commission on Accreditation in Physical Therapy Education.

**Table 3.1**

**Educational Objectives**

| 1. | To train students to be competent entry-level Physical Therapist Assistants |
| 2. | To prepare students for national licensure examinations |
| 3. | To teach students proper patient care techniques |
| 4. | To teach students methods for effective communication in a health care setting |

**Table 3.2**

**Program Student Learning Outcomes and Plan for Assessment**

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Plan for Assessment</th>
</tr>
</thead>
</table>
| 1. Exhibit professional behavior in their role as responsible physical therapist assistants, adhering to appropriate ethical, legal, and regulatory standards. | Employer Survey  
Clinical Performance Instrument |
| 2. Engage in evidence-based practice, responding to the dynamics of a changing healthcare system. | Employer Survey  
Graduate Survey  
Clinical Performance Instrument  
PTA Licensure Exam |
| 3. Integrate the principles of the physical, biological and behavioral sciences with the clinical practice of physical therapy | Employer Survey  
Graduate Survey  
Clinical Performance Instrument  
PTA Licensure Exam |
| 4. Communicate effectively and sensitively with patients, families and other members of the health care team. | Employer Survey  
Graduate Survey  
Clinical Performance Instrument  
PTA Licensure Exam |
5. Relevance to the MAU and UA mission, goals, and objectives.

The Physical Therapist Assistant (PTA) program is designed to provide education and training for workforce development and high-demand careers, aligning with UAA's 2017 strategic plan, specifically Strategic Priority A. This proposal establishes a new and relevant program that provides an educational opportunity which has previously never been available in the state of Alaska. UAA, in conjunction with the UA Office of Health Programs Development, has assessed Alaska's current and projected workforce needs; this proposal directly responds to an identified workforce need in health care, with a focus on preparing physical therapist assistants for both urban and rural Alaska. Developing this program in response to state needs also supports the UA Academic Master Plan Goal 4.

6. Collaboration with other universities and community colleges:

The UA Allied Health Alliance (AHA), comprised of deans and directors from UAS, UAF, CRCD and UAA health programs, meets twice each academic year to collaborate on the delivery of the allied health education programs and to prioritize areas for new health care training.

Physical Therapist Assistant has been identified by the UA AHA as a priority for development of a new program, and this development has been coordinated through the UA Office of Health Programs Development.

Upon approval of the program, the UAA faculty will collaborate with UAA community campuses and UA campuses to reach interested and qualified students. Advising for prospective students will be provided to all campuses through videoconferenced informational sessions to groups of interested students; advising will be provided to students on an individual basis as requested. The department will work closely with advisors on other UA campuses so that prospective students will be aware of prerequisites and the application process. All didactic content for the PTA program will be delivered on the UAA campus; students from geographic locations other than the Anchorage will need to relocate in order to attend the PTA program.

7. Demand for program (citing manpower studies or similar statistics), relation to State of Alaska long-range development, relation to other programs in the University of Alaska that may depend on or interact with the proposed program.

A. Demand for the program

- The 2009 Alaska Health Workforce Vacancy Study\(^1\) by the Alaska Center for Rural Health estimates that the vacancy rate for PTAs in Alaska is 30.5% (16 vacancies in 53 total estimated PTA positions). Further, this study reported that the mean length of position opening for PTA positions was 6.9 months, with the maximum amount of time a PTA position was typically open was 12 months. This study also estimated that all 16 openings for PTAs could be filled by new graduates.
- The 2012 workforce data study\(^2\) by the American Physical Therapy Association (APTA) reported 153 licensed PTAs in the state of Alaska, 62 of which are
current residents. For the 62 resident PTAs, there are 8.58 PTAs per 100,000 residents. This places Alaska at 49th in the nation.

- The 2012 Bureau of Labor Statistics Occupational Outlook report estimates that 51,110 new PTAs will be needed nationally between 2010 and 2020, which represents 45% job growth. The national average expected job growth for all occupations during the same time period is 14%. Changes to restrictions on reimbursement for PT services by third-party payers will increase patient access to services and thus increase demand. The increasing number of people who need therapy reflects, in part, the increasing elderly population. The elderly population is particularly vulnerable to chronic and debilitating conditions that require therapeutic interventions. These patients often need additional assistance in their treatment, making the roles of assistants and aides vital. In addition, the large baby-boom generation is entering the prime age for heart attacks and strokes, further increasing the demand for cardiac and physical rehabilitation.

- Medical and technological developments should permit an increased percentage of trauma victims and newborns with birth defects to survive, creating added demand for rehabilitative services.

- Physical therapists are expected to increasingly use assistants and aides to reduce the cost of physical therapy services. Once a patient is evaluated and a treatment plan is designed by the physical therapist, the physical therapist assistant can provide many parts of the treatment, as directed by the therapist.

B. Relation to State of Alaska long-range development

Having a PTA program in Alaska will make it possible for a greater percentage of PTA jobs in Alaska to be filled by Alaskans, and not by outside contractors who are not likely to become permanent residents of Alaska.

C. Relation to other programs in the University of Alaska that may depend on or interact with the proposed program.

The PTA program will work cooperatively with other health-related professions educational programs at the university, including nursing and other rehabilitation programs. This will enable the various programs to share resources and provide opportunities for students to participate in team-projects and educational experiences. Clinical rotations for PTA students will be completed in health care facilities where UAA has clinical rotations set up for other Allied Health and Nursing. In addition, new agreements will be created with facilities not currently being used by UAA, including facilities not in Anchorage or the Mat/Su Valley (as needed). The PTA will build upon affiliation agreements previously established with various hospitals and clinics across the state.

8. Effects of program on other academic units (e.g. GER course requirements)

The impact on other academic units should be minimal since the program is not projecting significant numbers (~10) of new students enrolling, using existing available course capacity. PTA students will complete 17 credits of GER courses. Prerequisite courses will include Anatomy and Physiology, English, Communication, Psychology, Medical Terminology and
Essentials of Human Disease; the majority of these prerequisite courses will also meet the general university course requirements. All impacted UAA disciplines have been notified and coordinated with as part of the regular curriculum process. Pre-requisite courses are available on UAF and UAS campuses, as well as UAA campuses.

9. Availability of appropriate student services for program participants.

The School of Allied Health provides student success support and assistance for students enrolled in other allied health programs and will provide the same support services to PTA students. Academic advising will be provided by the PTA program faculty. Students will be located on the main UAA campus for the didactic portion of the program, and will have access to all services on campus. During the clinical rotations, advising and technical support for completion of the Clinical Performance Instrument will be provided by PTA faculty to students who will be off-campus for clinical practicum placement.

10. Opportunities for research and community engagement for admitted graduate and undergraduate students.

There is no research component within this associate degree. Community engagement for the PTA students is embedded within the clinical practicum courses where students will be placed in clinical training sites, working with clinical educators to provide patient care at the sites. Each student will complete approximately 440 hours in clinical rotations at multiple Physical Therapy departments/facilities. Clinical rotation sites will be located at facilities in underserved areas, as well as in Anchorage facilities.

11. Outline of schedule for implementation of the program.

The timeline for implementation of the PTA program is dependent to a significant degree on the accreditation process. In order to start the accreditation process, a full-time program director must be hired and approved by CAPTE. Once that has occurred, the program gains access to the accreditation portal on the CAPTE website and can begin entering information to be included with the candidacy application. A UAA program director has been hired and approved by CAPTE. This enables the program to enter the queue for the initial pre-accreditation site visit.

CAPTE site visits only occur three times a year, and, depending on the number of programs seeking accreditation, the site visit can be scheduled for more than a year in the future. UAA is currently scheduled for a candidacy site visit in July of 2014 and is on the waitlist for an earlier date. Should the site visit result in advancement to candidacy, the program may then admit students. Final accreditation is not granted until after a second site visit, which must occur during the final semester of the first cohort of students.
Table 11.1
Critical Tasks/Milestones

<table>
<thead>
<tr>
<th>Critical Task</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Hire Program Director</td>
<td>March 2013</td>
</tr>
<tr>
<td>2. Submit Application for Candidacy to CAPTE</td>
<td>Prior to March 2014 deadline</td>
</tr>
<tr>
<td>3. Hire second faculty member/ACCE</td>
<td>Spring 2014</td>
</tr>
<tr>
<td>4. CAPTE site visit</td>
<td>April 2014 – July 2014</td>
</tr>
<tr>
<td>5. Matriculate students</td>
<td>Fall 2014</td>
</tr>
<tr>
<td>6. CAPTE site visit</td>
<td>Summer 2015</td>
</tr>
<tr>
<td>7. CAPTE decision re: accreditation</td>
<td>Late fall 2015</td>
</tr>
<tr>
<td>8. First graduates</td>
<td>Summer 2015</td>
</tr>
</tbody>
</table>

12. Projection of enrollments (FTE (full-time equivalent) and headcount) and graduates over next five years.

The PTA program will be offered in a traditional academic year format. Full-time and part-time students will be admitted as pre-majors while completing pre-requisite coursework; pre-majors will be admitted throughout the academic year. Students will be required to complete pre-requisite courses prior to applying to the department for full major status.

Each academic year, a cohort of 10 -15 students will be selected by the department through an applications process. The cohort of students will complete PTA courses in 3 semesters; a new cohort of students will be selected each year. The number of pre-majors will vary from year to year; the number of graduates is anticipated as 10 – 15 per year. It is anticipated that the first graduates will complete the program in summer 2015, with a cohort of graduates following each academic year.

Table 11.1
Enrollment Projections

<table>
<thead>
<tr>
<th></th>
<th>AY14</th>
<th>AY15</th>
<th>AY16</th>
<th>AY17</th>
<th>AY18</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTE Enrollment</td>
<td>0</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Enrollment Headcount</td>
<td>0</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Graduates</td>
<td>0</td>
<td>0</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

13. Availability and quality and/or requirement for new faculty and/or staff to support the program.

The program requires a minimum of two full-time faculty (a Program Director and an Academic Coordinator of Clinical Education [ACCE]) for accreditation, as well as sufficient clinical/adjunct faculty to meet program needs. A Program Director (Carrothers) was recently hired and is currently serving in a 9-month bipartisan position during program development and the ACCE will be hired as program development progresses. Funding for this position has been obtained from the legislature. Upon approval of the program, this faculty will continue in a 9-month bipartisan position, with a teaching assignment of 12 credits per semester for two semesters. This full-time faculty will teach didactic and laboratory
courses and the ACCE will serve as clinical coordinator and instructor for the clinical practicum courses. Adjunct faculty will be hired to teach portions of didactic courses to augment faculty knowledge/expertise, and clinical faculty will be used as preceptors for the clinical portion of the program.

The program will be supported by the current School of Allied Health director, administrative staff, student success coordinator and fiscal professional. There will be no additional staff requirements. The full-time faculty will serve as assessment coordinator for the program.

A. Existing Faculty

Name: LeeAnne Carrothers, PT, PhD  
Highest academic degree or certification: PhD  
Academic rank/position title: Term Assistant Professor/Program Director, Physical Therapist Assistant  
Professional registrations/qualifications: State licensure as a Physical Therapist  
Type of appointment: Bipartite  
Relevant scholarly activity/experience:
  - a minimum of five years clinical experience that includes experience in the PT/PTA relationship, to include currency in PT practice.  
  - experience in a variety of areas of academia to include curricular development, implementation and evaluation.  
  - knowledge of contemporary curricular content for the education of the physical therapist assistant  
  - experience in administration, academic governance, fiscal management and human resource management  
  - service on behalf of physical therapy education, the community, and/or the profession

Current assignment: Program Director and Assistant Professor of Physical Therapist Assistant  
How workload will be adjusted to meet demands of the new program: Current assignment/workload is development of the program (writing curriculum, preparing accreditation application/self-study, assessing possible clinical rotation sites, identifying equipment). Once development is completed, the position will continue as Program Director and faculty.  
If being relieved of current duties, describe how are current duties are to be met: N/A

B. New Faculty and Staff

New Faculty: Academic Coordinator of Clinical Education  
Minimum academic degree or certification required: Master’s degree  
Academic rank/position title at time of hire: Term Assistant Professor/Academic Coordinator of Clinical Education  
Required professional registrations/qualifications: n/a  
Type of appointment: Bipartite  
Required relevant scholarly activity/experience:
a minimum of two years of experience as a center coordinator of clinical education (CCCE) and/or clinical instructor (CI), or experience in teaching, curriculum development, and administration in a physical therapist assistant or physical therapist program
- clinical or educational administration experience
- experience in human resource management
- experience in a variety of areas of teaching (academic, clinical, continuing education, in-service)

13. Library, equipment, and similar resource requirement, availability, appropriateness, and quality.

A physical therapy education program requires availability of reference books and medical journals. The university library currently provides library access (obtained for other health care education programs) to electronic journals and databases (PubMed, ProQuest Nursing and Allied Health Source) which will enable PTA students to access and read the literature as needed. The startup cost of core physical therapy reference textbooks is included in the proposed budget; the UAA Consortium Library has funds available to assist with the purchase of reference materials.

The majority of laboratory equipment was purchased during FY13; some existing equipment will be shared with the Occupational Therapy program. Funds for audio/visual equipment have been secured and the equipment will be installed in summer 2013 for the main PTA classroom.

14. New facility or renovated space requirements.

The program will utilize space in the Professional Studies Building which was previously utilized by the School of Nursing as nursing labs. This space will require minimal remodeling which is planned for Summer 2013.

15. Projected cost of all required resources, revenue from all sources and a budgetary plan for implementing and sustaining the program.

In response to the documented need for PTAs in the state of Alaska, and the lack of an academic program, the Office of Health Programs Development was successful in securing general funds for a PTA program in FY13. This program represents one portion of the Physical Therapy Careers legislative appropriation, which was also intended to support developing a partnership to offer PT education in Alaska. The revenues and expenses described in this prospectus only apply to the PTA program proposed.

Costs include salary and benefits for the following new positions: a director/faculty, an ACCE faculty, 5 credits of adjunct faculty assignment, and a .5 FTE administrative assistant. The majority of equipment was purchased with Alaska Technical Vocational Education Program (TVEP) funds during FY13. TVEP funds have also been received for this program in FY14. Program revenues are projected based on enrollment of 10 students per year, with a

1 http://labor.state.ak.us/bp/tvep.htm
new cohort each academic year. There are no major anticipated incremental increases or decreases in costs or revenues.

Table 15.1
Budget Information

<table>
<thead>
<tr>
<th>Projected Annual Revenues in FY17</th>
<th>Projected Annual Expenditures in FY17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted</td>
<td>Salaries &amp; benefits (faculty and staff)</td>
</tr>
<tr>
<td>General Fund</td>
<td>Other (commodities, services, etc.)</td>
</tr>
<tr>
<td>Student Tuition &amp; Fees</td>
<td>TOTAL EXPENDITURES</td>
</tr>
<tr>
<td>Indirect Cost Recovery</td>
<td>One-time Expenditures to Initiate Program (if $&gt;250,000)</td>
</tr>
<tr>
<td>TVEP or Other (specify):</td>
<td>(These are costs in addition to the annual costs, above.)</td>
</tr>
<tr>
<td>Restricted</td>
<td></td>
</tr>
<tr>
<td>Federal Receipts</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>TVEP or Other (specify):</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL REVENUES</td>
<td></td>
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<td></td>
<td></td>
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</tbody>
</table>

Table 15.2
Budget Status

<table>
<thead>
<tr>
<th>Revenue source</th>
<th>Continuing</th>
<th>One-time</th>
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</thead>
<tbody>
<tr>
<td>a. In current legislative budget request</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>b. Additional appropriation required</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>c. Funded through internal MAU redistribution</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>d. Funds already committed to the program by the MAU</td>
<td>$193,094</td>
<td>$</td>
</tr>
<tr>
<td>e. Funded all or in part by external funds, expiration date</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>f. Other funding source Specify Type: Student Tuition and Fees</td>
<td>$62,304</td>
<td>$</td>
</tr>
</tbody>
</table>

16. Other special needs or conditions that were considered in the program’s development.

Because of the limited number of clinical rotation sites in Anchorage, students may be required to complete clinical rotations in other communities. The program will make efforts, where feasible, to connect students from communities outside of Anchorage with clinical rotations in or near their home communities. Students in rotations outside of Anchorage will receive the same academic support as those who are in Anchorage. Site visits with the ACCE, student and clinical instructor will occur per CAPTE requirements. Representatives from Physical Therapy clinics and hospital departments around the state will be included on the PTA Advisory Board and will be solicited in the discussion of possible sites for clinical rotations. The School of Allied Health works closely with the Alaska Area Health Education Center (AHEC) regarding placement of students at sites outside of the Anchorage area.
A formal affiliation agreement will be established prior to placement of students in each clinical site. Clinical instructors/educators will be responsible for training at the clinical sites, and this will be facilitated/monitored by the ACCE, who will provide training to the clinical educators regarding program requirements.

During the second year of the program, while students are at clinical sites, seminar courses will be conducted via distance delivery. The ACCE will travel to sites during Clinical Practica II and III to meet with the student and clinical instructor/educator to assess the student’s progress toward meeting criteria for entry-level competency.

17. Consultant reviews, reports from visitations to other institutions, or names and opinions of personnel consulted in preparing the proposal.

The UA Office of Health Programs Development provided two needs assessments which were conducted through that office:


b. Needs and Requirements Analysis for Developing a Physical Therapy Education Program at the University of Alaska Anchorage, September 26, 2011, by Janet M Crosier, PT, DPT, MEd

18. Concurrence of appropriate advisory councils

The Alaska Physical Therapy Association (AKPTA) recommended creation of this program, and is in full support of a PTA program. A formal advisory committee for the PTA program is in development.

References:


ATTACHMENT A: Catalog Copy and New Course Descriptions

PHYSICAL THERAPIST ASSISTANT

Allied Health Science Building (AHS), Room 171, (907)786-6932
http://www.uaa.alaska.edu/alliedhealth

Associate of Applied Science, Physical Therapist Assistant

Description and Student Learning Outcomes

Physical Therapist Assistants (PTAs) provide physical therapy services under the direction and supervision of a physical therapist. PTAs help people of all ages who have medical problems, or other health-related conditions that limit their ability to move and perform functional activities in their daily lives.

Some of the care provided by a PTA may include teaching patients or clients exercises for mobility, strength and coordination, training for activities such as walking with crutches, canes, or walkers, massage, and the use of physical agents and electrotherapy such as ultrasound and electrical stimulation. PTAs also observe the patient's abilities and report their observations to the physical therapist. Unlike a physical therapist, the PTA cannot evaluate a patient, update a plan of care, or discharge a patient.

Generally, Physical Therapist Assistants are employed wherever physical therapists work. Hospitals, rehabilitation centers, nursing homes, home and public health agencies, schools, private physical therapy practices, and the armed forces are major employers.

Graduation from a Physical Therapist Assistant education program accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, VA 22314; phone: 703-706-3245; accreditation@apta.org is necessary for eligibility to sit for the licensure examination, which is required in all states.

The University of Alaska, Anchorage is seeking accreditation of a new physical therapist [assistant] education program from CAPTE. The program will submit an Application for Candidacy, which is the formal application required in the pre-accreditation stage. Submission of this document does not assure that the program will be granted Candidate for Accreditation status. Achievement of Candidate for Accreditation status is required prior to implementation of the [professional/technical] phase of the program; therefore, no students may be enrolled in [professional/technical] courses until Candidate for Accreditation status has been achieved. Further, though achievement of Candidate for Accreditation status signifies satisfactory progress toward accreditation, it does not assure that the program will be granted accreditation.

At the completion of the Physical Therapist Assistant program, students are able to:

1. Exhibit professional behavior in their role as responsible physical therapist assistants, adhering to appropriate ethical, legal, and regulatory standards.
2. Engage in evidence-based practice, responding to the dynamics of a changing healthcare system.
3. Integrate the principles of the physical, biological and behavioral sciences with the clinical practice of physical therapy.
4. Communicate effectively and sensitively with patients, families and other members of the health care team.

Admissions Requirements

See Associate's Degree Admissions Requirements in Chapter 7, Academic Standards and Regulations.

Students will be admitted to UAA Physical Therapist Assistant program as a pre-major. Prior to being admitted as a full major, the student must complete the following additional requirements:

1. Student must meet with the UAA Physical Therapist Assistant program advisor regarding application and program admission requirements prior to application deadline.

2. Provide documentation, from official transcripts, successful completion of the following courses with a minimum grade of C:

   BIOL A111/L  Human Anatomy and Physiology I with Laboratory  4
   BIOL A112/L  Human Anatomy and Physiology II with Laboratory  4
   One of the following:                                3

UAA Physical Therapist Assistant AAS Prospectus
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM A111</td>
<td>Fundamentals of Oral Communications</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>Small Group Communication</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>Interpersonal Communication</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL A111</td>
<td>Methods of Written Communications</td>
<td>3</td>
</tr>
<tr>
<td>MA A101</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>MA A104</td>
<td>Essentials of Human Disease</td>
<td>3</td>
</tr>
<tr>
<td>One of the following</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY A111</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>Lifespan Development</td>
<td></td>
</tr>
</tbody>
</table>

3. Complete the Physical Therapist Assistant program application process.
5. Provide evidence of current immunizations as required by the department.
6. Once admitted, and prior to the program start, submit to a national-level criminal background check.

### Advising

Special admission and application procedure requirements apply. Interested students should contact the Physical Therapist Assistant department for selection criteria. Completion of admission requirements does not guarantee acceptance into the program. Due to the risks associated with working in a healthcare setting, students are required to have health insurance. Health insurance is available for purchase through the UAA Student Health and Counseling Center.

### Graduation Requirements

**A. General University Requirements**

Complete the General University Requirements for Associate of Applied Science Degrees located at the beginning of this chapter.

**B. Associate of Applied Science Degree Requirements**

Complete the Associate of Applied Science degree requirements in oral and written communications (9 credits) as outlined at the beginning of this chapter. In the Physical Therapist Assistant program, the General Course Requirement (5 credits) is fulfilled by completing BIOL A111 and BIOL A112.

**C. Major Degree Requirements**

1. Complete the following courses with a minimum grade of C or Pass (52 credits):

   - **BIOL A111/L** Human Anatomy and Physiology I with Laboratory 4
   - **BIOL A112/L** Human Anatomy and Physiology II with Laboratory 4
   - **PTA A101** Fundamentals of Physical Therapy 2
   - **PTA A105** Tests and Measures 3
   - **PTA A110** Kinesiology and Biomechanics 3
   - **PTA A120** Rehabilitation I 3
   - **PTA A130** Physical Therapy Interventions I 4
   - **PTA A150** Psychosocial Aspects of Health Care 2
   - **PTA A195** Clinical Practicum I 1
   - **PTA A210** Therapeutic Exercise 4
   - **PTA A220** Rehabilitation II 3
   - **PTA A230** Physical Therapy Interventions II 4
   - **PTA A250** Neurological Interventions Across the Lifespan 3
   - **PTA A292** Physical Therapist Assistant Seminar 2
   - **PTA A295A** Clinical Practicum II 5
   - **PTA A295B** Clinical Practicum III 5

2. A total of 61 credits are required for the degree.
Course Descriptions:

**PTA A101: Introduction to Physical Therapy**

Contact Hours: 2 + 0  
Registration Restriction: Department Approval

Introduces the profession of physical therapy, to include the history, scope of practice, professionalism, the American Physical Therapy Association (APTA), ethical behavior, the health care team, interpersonal communication and documentation in a medical record.

**PTA A105: Tests and Measures**

Contact Hours: 1.5 + 3  
Registration Restriction: Department Approval

Introduces common standardized tests and measures used to determine the interventions required for the plan of care developed by the supervising physical therapist.

**PTA A110: Kinesiology and Biomechanics**

Contact Hours: 2 + 2  
Registration Restriction: Department Approval

Presents human anatomy with an emphasis on the musculoskeletal system, identification of structures and their relationship to function, normal and abnormal biomechanical principles of joint patterns and gait. Explores human movement during performance of activities, especially the geometry of movement (kinematics) and the forces influencing movement (kinetics).

**PTA A120: Rehabilitation I**

Contact Hours: 1.5 + 3  
Registration Restriction: Department Approval

Introduces the clinical manifestations and common management strategies for diseases/disorders of the musculoskeletal, endocrine, integumentary, cardiovascular and pulmonary systems as they pertain to physical therapy interventions.

**PTA 130: Physical Therapy (PT) Interventions I**

Contact Hours: 2 + 4  
Registration Restriction: Department Approval

Introduces adaptive/assistive devices and equipment, gait training, activities of daily living (ADLs), wheelchair skills, isolation/standard precautions, aseptic technique, draping, transfers, passive range of motion (PROM), and mechanical modalities.

**PTA A150: Psychosocial Aspects of Health Care**

Contact Hours: 2 + 0  
Registration Restriction: Department Approval
Introduces health-related human behavior to include coping and adjustment behaviors in acute and chronic illness, and the role that culture and family systems play in response to illness or injury.

PTA A195: Clinical Practicum I

Contact Hours: 0 + 3
Registration Restriction: Department Approval

Provides the Physical Therapist Assistant student an opportunity to observe and participate in a structured clinical setting under the supervision of a licensed physical therapist or physical therapist assistant. Provides an opportunity for the student to perform tests and interventions, and apply critical thinking skills developed in prior coursework.

PTA A210: Therapeutic Exercise

Contact Hours: 2 + 4
Registration Restriction: Department Approval

Introduces exercise as a preventive and treatment mechanism for pathological conditions that influence strength, endurance and flexibility of the human body. Emphasis is placed upon design and application of exercise, developmental sequence of exercise, types of exercise, and the use of exercise equipment. Includes the body’s physiological response to exercise.

PTA A220: Rehabilitation II

Contact Hours: 1.5 + 3
Registration Restriction: Department Approval

Introduces the clinical manifestations and common management strategies for diseases/disorders of the neurological, immune, lymphatic, hepatic/biliary, hematologic, gastrointestinal and genitourinary systems as they pertain to physical therapy interventions.

PTA A230: PT Interventions II

Contact Hours: 2 + 4
Registration Restriction: Department Approval

Introduces physical therapy interventions including management of integumentary pathologies, use of physical agents, environmental safety and accessibility evaluations, prosthetics and orthotics, and select manual therapy interventions.

PTA A250: Neurological Interventions Across the Lifespan

Contact Hours: 2 + 2
Registration Restriction: Department Approval

Introduces fundamentals of growth, development and aging, with implications for physical therapy. Focuses on neurological interventions used throughout the lifespan for individuals with abnormal development, neurological injuries, and neurological disorders.
PTA A292: Physical Therapist Assistant Seminar

Contact Hours: 2 + 0
Registration Restriction: Department Approval

Prepares the student for transition into the workforce. Includes discussion of the national Physical Therapist Assistant (PTA) exam, employment, Alaska practice act, professional development, employment opportunities and community service. Presents challenges and opportunities involved with providing physical therapy in the state of Alaska.

PTA A295A: Clinical Practicum II

Contact Hours: 0 + 15
Registration Restriction: Department Approval

Provides continued supervised physical therapy experience in a healthcare setting.

PTA A295B: Clinical Practicum III

Contact Hours: 0 + 15
Registration Restriction: Department Approval

Provides continued supervised physical therapy experience in a healthcare setting.
### Attachment B: Course Sequencing

<table>
<thead>
<tr>
<th>1st semester</th>
<th>2nd semester</th>
<th>3rd semester</th>
<th>4th semester</th>
<th>5th semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL A111</td>
<td>Anatomy and Physiology I</td>
<td>Fundamentals of Physical Therapy</td>
<td>Psychosocial Aspects of Health Care</td>
<td>Physical Therapist Assistant Seminar</td>
</tr>
<tr>
<td>COMM GER</td>
<td>Communications GER class</td>
<td>Tests and Measures</td>
<td>Clinical Practicum I</td>
<td></td>
</tr>
<tr>
<td>ENGL A111</td>
<td>Methods of Written Communication</td>
<td>Kinesiology and Biomechanics</td>
<td>Therapeutic Exercise</td>
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<td>MA A101</td>
<td>Medical Terminology</td>
<td>Rehabilitation I</td>
<td>Rehabilitation II</td>
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<td>Physical Therapy Interventions II</td>
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<tbody>
<tr>
<td>BIOL A112</td>
<td>Anatomy and Physiology II</td>
<td>200-level English GER requirement</td>
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<td>ENGL A200</td>
<td>Essentials of Human Disease</td>
<td>Psychology course</td>
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<td>MA A104</td>
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<td>PSY A111 or PSY A150</td>
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<td>PTA A105</td>
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<td>PTA A250</td>
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<th>3rd semester</th>
<th>4th semester</th>
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</tbody>
</table>
Board of Regents Program Action Request  
University of Alaska  
Proposal to Add, Change, or Delete a Program of Study

<table>
<thead>
<tr>
<th>1a. Major Academic Unit (choose one)</th>
<th>1b. School or College Arts and Sciences</th>
<th>1c. Department or Program Associate of Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>UAS</td>
<td>AA/AAS</td>
<td>Post-Baccalaureate Certificate</td>
</tr>
</tbody>
</table>

| 2. Complete Program Title Associate of Science (A.S.) |

<table>
<thead>
<tr>
<th>3. Type of Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Certificate</td>
</tr>
<tr>
<td>Baccalaureate</td>
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<tr>
<td>Master's</td>
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<tr>
<td>Graduate Certificate</td>
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<tr>
<td>Doctorate</td>
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<table>
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<tr>
<th>4. Type of Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
</tr>
<tr>
<td>Change</td>
</tr>
<tr>
<td>Delete</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Implementation date (semester, year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
</tr>
</tbody>
</table>

| 6. Projected Revenue and Expenditure Summary. Not Required if the requested action is deletion. (Provide information for the 5th year after program or program change approval if a baccalaureate or doctoral degree program; for the 3rd year after program approval if a master's or associate degree program; and for the 2nd year after program approval if a graduate or undergraduate certificate. If information is provided for another year, specify (1st) and explain in the program summary attached). Note that Revenues and Expenditures are not always entirely new; some may be current (see 7d.) |

<table>
<thead>
<tr>
<th>Projected Annual Revenues in FY 17 (Year 3/Seven enrollees)</th>
<th>Projected Annual Expenditures in FY 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted</td>
<td>Salaries &amp; benefits (faculty and staff)</td>
</tr>
<tr>
<td>General Fund</td>
<td>Other (commodities, services, etc.)</td>
</tr>
<tr>
<td>Student Tuition &amp; Fees</td>
<td>TOTAL EXPENDITURES</td>
</tr>
<tr>
<td>Indirect Cost Recovery</td>
<td>One-time Expenditures to initiate Program (if &gt;$250,000)</td>
</tr>
<tr>
<td>TVEP or Other (specify):</td>
<td>(These are costs in addition to the annual costs, above.)</td>
</tr>
<tr>
<td>Restricted</td>
<td>Year 1</td>
</tr>
<tr>
<td>Federal Receipts</td>
<td>Year 2</td>
</tr>
<tr>
<td>TVEP or Other (specify):</td>
<td>Year 3</td>
</tr>
<tr>
<td>TOTAL REVENUES</td>
<td>Year 4</td>
</tr>
</tbody>
</table>

| | $15,000 |
| | $5,000 |
| | $20,000 |
| | |

Page # of attached summary where the budget is discussed, including initial phase-in: Page 4-5; NOTE: Resource needs are modest because this new degree involves a re-packaging of existing courses. The degree is designed to: 1) promote degree completion for students seeking a career pathway milestone as they pursue baccalaureate study, and 2) better meet the needs of science students who anticipate transferring from UAS to another MAU

7. Budget Status. Items a., b., and c. indicate the source[s] of the General Fund revenue specified in item 6. If any grants or contracts will supply revenue needed by the program, indicate amount anticipated and expiration date, if applicable.

<table>
<thead>
<tr>
<th>Revenue source</th>
<th>Continuing</th>
<th>One-time</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. In current legislative budget request</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Additional appropriation required</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>c. Funded through new internal MAU redistribution</td>
<td>$5,000</td>
<td>$0</td>
</tr>
<tr>
<td>d. Funds already committed to the program by the MAU</td>
<td>$15,000</td>
<td>$0</td>
</tr>
<tr>
<td>e. Funded all or in part by external funds, expiration date N/A</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>f. Other funding source Specify Type:</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

8. Facilities: New or substantially (>=$25,000 cost) renovated facilities will be required.  
Yes | No

If yes, discuss the extent, probable cost, and anticipated funding source(s), in addition to those listed in sections 6 and 7 above.

---

1Sometimes the courses required by a new degree or certificate program are already being taught by an MAU, e.g., as a minor requirement. Similarly, other program needs like equipment may already be owned. 100% of the value is indicated even though the course or other resource may be shared.
9. Projected enrollments (headcount of majors). If this is a program deletion request, project the teach out enrollments.

<table>
<thead>
<tr>
<th>Year 1: 3</th>
<th>Year 2: 5</th>
<th>Year 3: 7</th>
<th>Year 4: 10</th>
</tr>
</thead>
</table>

Page number of attached summary where demand for this program is discussed: 3

10. Number* of new TA or faculty hires anticipated (or number of positions eliminated if a program deletion):

| Graduate TA | 0 |
| Adjunct | 0 |
| Term | 0 |
| Tenure track | 0 |

11. Number* of TAs or faculty to be reassigned:

| Graduate TA | 0 |
| Adjunct | 0 |
| Term | 0 |
| Tenure track | 0 |

Former assignment of any reassigned faculty: 0
For more information see page N/A of the attached summary.

12. Other programs affected by the proposed action, including those at other MAUs (please list):

<table>
<thead>
<tr>
<th>Program Affected</th>
<th>Anticipated Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>More students complete an A.S. at UAS prior to transferring to either UAF or UAA Engineering programs</td>
</tr>
<tr>
<td>Chemistry, Physics, Geology, Natural Resources Management</td>
<td>More students complete a 2-year A.S. at UAS prior to transferring to either UAF or UAA BS programs.</td>
</tr>
</tbody>
</table>

Page number of attached summary where effects on other programs are discussed: 3

13. Specialized accreditation or other external program certification needed or anticipated. List all that apply or 'none': None

14. Aligns with University or campus mission, goals, core themes, and objectives (list): Student Success, Research and Creative Expression

Page in attached summary where alignment is discussed: 3

15. State needs met by this program (list): Proposed degree contributes to SDI theme of Student Achievement and Attainment and Accountability to Alaskans. The program helps fulfill the UAS mission, and especially at the community college level.

Page in the attached summary where the state needs to be met are discussed: 1-3

16. Program is initially planned to be: (check all that apply)
- Available to students attending classes at UAS campus(es).
- Available to students via e-learning.
- Partially available students via e-learning.

Page # in attached summary where e-learning is discussed: 2

Submitted by the University of Alaska Southeast with the concurrence of its Faculty Senate.

[Signatures and dates]

Recommend Approval

[Signature]

UA Vice President for Academic Affairs on behalf of the Statewide Academic Council

[Signature]

*Net FTE (full-time equivalents). For example, if a faculty member will be reassigned from another program, but his/her original program will hire a replacement, there is one net new faculty member. Use fractions if appropriate. Graduate TAs are normally 0.5 FTE. The numbers should be consistent with the revenue/expenditure information provided.

Attachments:  ☑ Summary of Degree or Certificate Program Proposal

☑ Other (optional)

Revised: 10/10/2012
UNIVERSITY OF ALASKA SOUTHEAST

New Program Proposal: Associate of Science (A.S.)
Executive Summary¹

1. Degree Title: Associate of Science
   Unit Responsible: UAS School of Arts and Sciences
   UAS Faculty Senate, Chancellor J. Pugh, Provost R. Caulfield, Dean M. Sousa

2. Catalog Description

   The Associate of Science (A.S.) degree, administered by the School of Arts and Sciences, provides a solid foundation in mathematics, written and oral communication, the humanities, and the natural sciences, with an emphasis on the sciences. The A.S. degree prepares students for career advancement and for transfer to baccalaureate programs.

   A.S. Degree Program Requirements:
   • Admission to the A.S. degree program
   • Completion of 60 credits at 100-level or above, including:
     ✓ At least 20 credits at the 200-level or higher,
     ✓ At least 15 credits completed in residence at UAS
   • All General Education Requirements (GERs) to total 34-36 credits
   • 12 credits of courses in Biology, Chemistry, Engineering, Environmental Science, Math, Physics, or Statistics above the level of GERs, including MATH 108 or higher
   • 12 advisor-approved electives and no more than 4 credits of PE/ODS courses
   • Cumulative GPA of at least 2.0 (C) at UAS

3. Rationale for the New Program, Educational Objectives, Student Learning Outcomes, and Plan for Assessment

   The rationale for the A.S. degree at UAS is to: 1) promote degree completion for students seeking a career pathway milestone as they pursue baccalaureate study, and 2) better meet the needs of science students at the community college level who anticipate transferring from UAS to another college or university.

   From the standpoint of degree completion, Associate-level degrees are increasingly viewed as a cost-effective and flexible educational goal that can enhance student success. The Lumina Foundation², Kresge Foundation³, Helios Foundation, USA Funds, and the Bill & Melinda Gates Foundation are all involved with collaborations seeking to significantly ‘scale up’ approaches to awarding associate degrees to the many students who transfer from community colleges to universities as a means of promoting student completion and success.

¹ Provides information required by BOR regulation R10.04.020
² http://www.luminafoundation.org/newsroom/news_releases/2012-10-10.html
The Associate of Science degree is traditionally a transfer degree signifying completion of the baccalaureate core. Depending on the student’s choice of science electives, the A.S. degree may contain sufficient science electives for clear admission into a Bachelor of Science (B.S.) degree program with junior standing. The UAS A.S. degree is designed to provide students with a program of study that will further their academic progress towards attaining the B.S. degree. The A.S. facilitates this goal by enabling students to complete general education requirements (GERs) and to utilize those credits fully in their baccalaureate study. Many of the courses required for the A.S. are available online through eLearning as well as in a face-to-face mode. This fact enhances the flexibility of the proposed program, especially for non-traditional students who are working and/or have family and community obligations.

Student Learning Outcomes for the A.S. degree program include:

- Apply critical thinking skills to conceptualize, analyze, synthesize, evaluate, interpret, and/or apply ideas and information;
- Use appropriate mathematical language and symbols to develop and communicate solutions and demonstrate quantitative and analytical skills and knowledge;
- Articulate the fundamentals, developments, and impacts of one or more scientific disciplines;
- Develop and analyze evidence-based conclusions about the natural world;
- Communicate effectively with diverse audiences using a variety of verbal and non-verbal strategies;
- Respond effectively in writing using appropriate genres and standard written English;
- Use library and electronic research responsibly and appropriately.

UAS already offers the Associate of Arts (A.A.) degree. The numbers of students seeking Associate-level degrees is increasing. Between FY08 and FY12, the number of A.A. degree awardees at UAS grew 80 percent (from 30 in FY08 to 54 in FY12). Similarly, the number of A.A.S. degree awardees at UAS grew 54.3 percent during the same period. These data point to the increasing interest that exists in Associate-level degree offerings and the success of recruiting and supporting student success in these programs. Interest is growing as well in online program offerings; the A.S. will add to options for students seeking an online degree through eLearning.

The A.S. will complement the existing A.A. and benefit from recruitment and advising services already in place. Both UAA and UAF already offer the A.S. degree. An Associate’s degree can be a good investment of time and money for students who are unsure of their future plans, or who need to build confidence in achieving their educational goals. At the same time, the Associate’s degree allows the institution to properly place the student in a program and in courses where they can be successful and also to provide support services (e.g. early alerts, tutoring) for students who are new to higher education. Finally, providing Associate’s degrees allows the institution to distinguish between those students whose goal is a two-year degree from those who are clearly ready for study at the baccalaureate level. This fact is important in data reporting—providing a means of comparing educational achievement at both the two-year and four-year levels.

UAS will assess effectiveness and productivity of the A.S. degree annually and as part of the regular BOR-directed Program Review process (reviews at least every five years).
4. Relevance to University or Community College Mission, Goals, and Objectives

The proposed degree helps UAS and the UA system fulfill their community college mission and both MAU-level and system-wide strategic goals. For UAS, the A.S. degree complements existing Associate-level degree offerings (A.A. and A.A.S.), including those already in place at UAA and UAF. The A.S. helps UAS meet the first of its four core themes as identified for the Northwest Commission on Colleges and Universities—that of Student Success. The degree contributes importantly to the UA system’s Strategic Direction Initiative (SDI) in the areas of Student Achievement and Attainment as well as in Accountability to Alaskans (by providing cost-effective and flexible educational pathways).

5. Collaboration with Other Universities and Community Colleges

In developing this proposed degree, UAS faculty reviewed carefully similar offerings by peer institutions and by other MAUs in the University of Alaska system. Both UAA and UAF already offer the A.S. degree. For UAS students, adding the A.S. is expected to enhance the chance of their success early in their college career, enhancing pathways into baccalaureate programs at UAS, and provide a solid foundation for transfer to science, engineering, and math programs at other MAUs.

6. Demand for Program and Relationship to Other Programs

Demand for the program is expected to grow modestly as part of our overall UAS recruitment and retention strategy. While demand for the A.S. degree is expected to be modest, particularly at first, we believe that student numbers will grow over time and—importantly—student retention and persistence will increase. Projected enrollments in a new program are expected to be 3 in Year One, 5 in Year Two, 7 in Year 3, and 10 in Year 4.

Required courses taken as part of the A.S. will directly contribute to baccalaureate study in math, engineering, and the sciences:

- BIOL 105/106 and/or CHEM 105/106 are required for junior standing in most BS programs
- GEOG 102/ENVS 102 is required for the B.S. in Geography and Environmental Science
- STAT 273 is required for the B.S. in Nursing
- CHEM 105/106 and PHYS 211/212 are required for admission to the B.S. in Engineering
- MATH 200 (Calculus) is required before taking PHYS 211/212

7. Effects of Program on Other Academic Units

Approval of the A.S. degree will enhance integrated, region-wide delivery of community college programs at UAS by involving faculty, staff, and students at all three campuses: Juneau, Ketchikan, and Sitka. Indeed, the original A.S. proposal submitted to the UAS Faculty Senate came from the Ketchikan Campus. The A.S. degree is viewed as one that can be effectively offered at all three UAS campuses, even if the student may well transition to the Juneau Campus or to another MAU to complete baccalaureate degrees in math, engineering, and science.
8. Availability of Student Services

Student support services—including advising, financial aid, tutoring, and testing—are available at all three UAS campuses. Existing staff that support the A.A. and A.A.S. degrees already in place will be in a position to provide a full array of student services.

9. Opportunities for Research and Community Engagement

Students enrolled in the A.S. degree will be eligible to participate in UAS’ URECA (Undergraduate Research and Creative Expression) program. In doing so, they work with a faculty mentor to develop a planned research or creative activity project and to be eligible for a URECA financial award.

10. Outline of Schedule for Implementation

UAS Faculty Senate approved the A.S. proposal in Spring 2013. UAS is seeking SAC and Board of Regents approval in Fall 2013. Once approved by the BOR, UAS will secure approval from the Northwest Commission on Colleges and Universities (NWCCU), with the hope that students could enroll in the degree program no later than Fall 2014.

11. Projection of Enrollments and Graduates Over 5 Years

Projected enrollments in a new program are expected to be 3 in Year One, 5 in Year Two, 7 in Year 3, 10 in Year 4, and 13 in Year 5. We expect between 3 and 5 graduates annually.

12. Availability and Quality and/or Requirement for New Faculty or Staff

Because creating the A.S. degree relies almost entirely on existing courses, we do not envision a need for new faculty. Our existing UAS math, science, and pre-engineering faculty will be advising A.S. students, as will our existing advising teams on the Juneau, Ketchikan, and Sitka campuses. Some additional effort in delivering the A.S. is expected for staff, including especially for advisors and the UAS Registrar’s Office.

13. Library, Equipment, and Related Resources

Because the A.S. will largely draw upon existing courses, we believe that no new library, equipment, or similar instructional resources will be required.

14. New Facility or Space Renovation Requirements

No new facilities or space renovation needs are anticipated.

15. Projected Cost of All Required Resources, Revenue from All Sources and Budgetary Plan

UAS expects to reallocate internally initially to meet the needs of this new program. Initial additive costs—above and beyond those already expended by advisors, marketing, and support staff for UAS students—are expected to be less than $20,000.
In Year 3, we anticipate having seven (7) students enrolled in the A.S. degree. Assuming enrollment at 12 credits per semester, we expect to receive tuition and fees totaling approximately $34,104 at current tuition rates. Revenues could be modestly higher depending on future rates for tuition and fees.

16. Special Needs or Conditions

None.

17. Consultations

Faculty involved with development of this proposal reviewed similar offerings at UAA and UAF to ensure alignment with baccalaureate requirements for transfer students.

18. Concurrence of Advisory Councils

Advisory councils at all three UAS campuses continue to express strong support for the broad mission undertaken by our institution—including especially Certificate and Associate-level degrees commonly associated with the community college mission.
Approval of Revisions to Regents' Policy 05.10.050

CURRENT LANGUAGE WITH TRACK CHANGES for PROPOSED LANGUAGE CHANGES

P05.10.050. Nonresident Tuition Surcharge.

Any person who does not qualify as an Alaska resident under Regents' Policy 05.10.025, or has not otherwise been exempted under this chapter will be assessed a nonresident tuition surcharge in addition to regular tuition. However, the following persons are exempted from nonresident tuition surcharges and treated as a resident for the purpose of tuition assessment if they are a U.S. citizen or an "eligible non-citizen:"

A. Active duty United States military and their spouse and dependent children;

B. United States veterans eligible for a Veterans Administration education benefit, and their spouse and dependent children. Students qualifying under this exemption must move to and remain domiciled in the state of Alaska during their course of study;

C. Members of the National Guard and Reservists their spouses and dependent children, regardless of whether they yet qualify as residents of the state under any other requirements;

PROPOSED FINAL LANGUAGE

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A. Active duty United States military and their spouse and dependent children;

B. United States veterans eligible for a Veterans Administration education benefit, and their spouse and dependent children.

C. Members of the National Guard and Reservists, their spouses and dependent children, regardless of whether they yet qualify as residents of the state under any other requirements;
P10.05.010. Enrollment and Admission Requirements.

The University of Alaska will have an open enrollment policy allowing students to register for courses for which they have an adequate background. Requirements for admission into courses will be limited to those that indicate a student is sufficiently prepared. Additional requirements may be made for formal admission into degree and certificate programs approved by the board as well as other training programs. Requirements for enrollment in classes and admission into programs will be recommended by the program faculty and approved by the MAU chief academic officer.

(02-16-96)

PROPOSED FINAL LANGUAGE

P10.05.010. Enrollment and Admission Requirements.

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(XX-XX-XX)
P10.05.030. Residency Requirements.

A. In order to satisfy the residency requirements for the degree or certificate program from which a student wishes to graduate, undergraduate students will be required to earn credits from universities or community colleges in the University of Alaska system as specified in university regulation. UAA, UAF, and UAS will set residency requirements for graduate degrees.

B. More UAA, UAF, and UAS residency credit requirements to meet program accreditation standards may be established following recommendation by the program faculty and the chancellor and approval by the president.

C. If a program is delivered collaboratively, credit from each participating institution will be counted toward fulfillment of residency requirements unless specified in collaborative agreement. Residency requirements will be specified in catalogs.

(04-14-05)

PROPOSED FINAL LANGUAGE

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C. If a program is delivered collaboratively, credit from each participating institution will be counted toward fulfillment of residency requirements unless specified in collaborative agreement. Residency requirements will be specified in catalogs.

(XX-XX-XX)
Mission Area Analysis and Statement of Need for Yupiit Piciryarait Cultural Center Programs at University of Alaska Fairbanks, Kuskokwim Campus in Bethel, Alaska

August 2013

Background
The Kuskokwim Campus - University of Alaska Fairbanks (KuC) is located in Bethel, which is the hub of the Yukon-Kuskokwim Delta. KuC offers post-secondary education and training, supports native health research and reaches out to 47 communities with 56 tribes to provide nearly 20 certificates and associate degrees, as well as selected baccalaureate and Master’s degrees. The campus specialization is preservation of cultural heritage particularly Central Yup’ik language vitality—it is the only rural campus to offer the Yup’ik Language and Culture bachelor of arts degree that guarantees literacy and speaking ability upon completion. The programs offered by the campus develop professional, community and cultural leaders.

KuC’s primary role is to offer academic, vocational and community interest courses while assisting students in the transition to college and successful completion of their study program whether that be at certificate or degree level.

KuC’s commitment to life-long learning takes many forms, with an emphasis on offering services at the point of need, and requires strong partnerships. Crucial to mission achievement are the partnerships that engage students, faculty, staff and the communities in workforce training, professional development, and academic success. Our partnerships keep our campus alive and functioning as an intellectual and social hub for the Delta.

This Mission Area Analysis will address strengthening several critical programs and related partnerships that operate through the Yupiit Piciryarait Cultural Center (YPCC): the Consortium Library programs, which are funded by the City of Bethel, the state’s Department of Education and KuC; the small business and entrepreneurial classes and workshops that tie into the 100+ vendor Saturday Markets funded through US HUD and state Department of Community and Economic grants and partnerships; the Yupiit Piciryariat Museum operated by the Association of Village Council Presidents, the regional tribal services entity; the YPCC conference center operated by KuC; specific training requests from our regional partners, such as the Yukon Kuskokwim Health Corporation using the conference space to train their 1,000+ employees on the conversion to electronic health records; and academic certificates and degrees that support large cohorts that exceed the classroom capacities of other campus classrooms, such as the Rural Human Services certificate and the Human Services Associate of Applied Sciences degree. This analysis will examine the importance of several programs offered by KuC and the
Statement of Need will document the positive outcomes of expanded space in the YPCC.

Alignment with UA’s Strategic Directions Initiative and UAF Mission and Planning for the Future

UA’s Strategic Directions Initiative is an organizational change effort led by President Gamble and engages people internal and external to the UA system, throughout the state, seeking ideas and innovations to improve UA service and productivity. The SDI themes are:

- Student Achievement and Attainment
- Productive Partnerships with Alaska’s Schools
- Productive Partnerships with Alaska’s Public and Private Industries
- Research and Development to Help Build and Sustain Alaska’s Communities and Economic Growth
- Accountability to the People of Alaska

SDI themes are supported directly and indirectly by the expansion of the YPCC. Improved and expanded space will enhance productive partnerships with Alaska’s public and private industries and improve accountability to the public. Expanded and reconfigured space will allow for safer and more secure working environment, and will allow staff to focus on their intended work rather than monitoring problematic behavior and building safety. The librarian will be able to focus on library operations, instructing the library science course, and supervision of staff, rather than policing the public and securing the building. The librarian will not have to work additional hours during vulnerable times, such as Halloween night, to accompany the single staffer.

Directly supporting UA strategic direction student achievement and attainment, UAF’s strategic goals include:

- Educate Students to be informed, responsible, active citizens by incorporating real-world experiences and applications into the undergraduate curriculum
- Serve Alaska’s diverse communities in ways that are more responsive and accessible and enhance the social, economic, and environmental well-being of individuals and communities.
- Improve assistance to students in making transitions across all phases of the education continuum.

Providing required library sciences courses at KuC educates students, is responsive to needs of students in this region, and assists them in making successful transitions throughout their educational career. KuC serves predominantly first-generation, Yup’ik-speaking or ESL students. Early access to effective use of library resources
through face-to-face required classes enhances their success and transitions. Few Y-K delta students succeed at their first attempt of the distance-delivered Library Science 101 (LS 101) class, whereas most immediately pass the on-campus class.

Mission Area Analysis

Forecast of Program Demands

The expansion of program capacity will increase partnering with local agencies, take advantage of impending stimulus broadband resource development and meet the future needs of the region. For instance, Donlin Gold is moving forward with gold mining upriver on the Kuskokwim, so construction, office management, food service, engineering, heavy equipment and other jobs will certainly be available. YKHC, the regional health corporation, is opening a new long-term care facility and a new pre-maternal home. Both require trained PCAs, CNAs CMAs, and office workers. The city was successful in securing funds for a new swimming pool and recreational facility. This will also mean more local jobs. Many local businesses request workplace basics training and word processing skills upgrades before hiring new staff.

There is a high demand for locally trained employees in these fields now, and work experience can also lead to starting local businesses. KuC also has the only college residential hall in rural Alaska for students to enroll in intensives, workshops and training in a secure, healthy environment on campus.

Outputs, Outcomes, and Impact

All UAF degrees require LS 101. KuC student headcount has been increasing and as a result demand for that mandatory class will not decrease. Use of the library continues to grow as Bethel’s population increases. Most recent reports show nearly 1,800 regular patrons per year. Children’s programming through the library is always popular and has been enhanced with more active partnerships with the Cooperative Extension Service’s 4-H program. AVCP’s Museum has increased programming, exhibits and partnerships with other universities and entities, such as the Aviation Museum in Anchorage. All this additional activity and programming increases use of the building and with that increase comes increased problematic incidents unless the building’s configuration is expanded and improved for more safety and security.

Statement of Need

This request for resources is focused on improvements for and expansion of the existing facility that houses the programs described in the MAA, and does not seek
funding for additional staff or other operating expenses other than those that will be needed to operate the expansion space. The same programs will operate after the expansion with improved configuration that allows safer and more secure operations and increased capacity to meet growing demand.

The Yupiit Piciryarait Cultural Center was built in 1994-95 to be a community and regional asset and continues to expand activities and programs to meet the needs and engage the residents of the Yukon Kuskokwim delta. Current space at KuC cannot accommodate the increased requests for training. The building houses three community resources: the Consortium Library managed in partnership among the City of Bethel, UAF and statewide library services; the Yupiit Museum, operated by the Association of Village Council Presidents (AVCP) the regional tribal services entity, housing the best Yup’ik Museum in Alaska; and the multipurpose room managed by Kuskokwim Campus, used for trainings, classes, conferences, concerts and meetings. It is the largest facility of its kind in the delta and much in demand. The building is open year round for public use: 8:30 a.m. — 7:00 p.m. in the summer, 8:30 a.m. – 9:00 p.m. in the winter.

The expansion of the YPCC will improve the layout of the building, allow the KuC to offer trainings and classes that are increasingly in demand, and increase safety and security of staff and the space. Currently the building barely meets the needs of the public and has no extra space available for increasing program or any additional activities. The library actually has less square footage than the old condemned building that housed the former library. The configuration of the library hinders effective oversight of the building by the single staff during extended hours and leaves the building at risk to vandalism. AVCP has expressed a need for more storage and exhibit space for the museum.

As stated above, the YPCC houses three separate spaces and thriving programs: the Consortium Library which supports both university use and public access, particularly children’s programming; the YPCC Museum; and, the conference facility. The building is busy, in high demand, and is quite costly to operate and maintain, so minimal staffing throughout its hours of operation is standard practice. There are shared restrooms and egress points for the entire building—the library does not have its own exit. KuC hires a professional librarian to manage the library and to teach required library science classes.

The proposed expansion would add approximately 3,000 square feet to the front of the library and a matching 3,000 feet to the multipurpose side. This addition will improve operations and safety of all programs in the YPCC.

The library expansion would provide an opportunity to reconfigure the layout of the space. Expanded space would allow 10 Internet-enabled computer stations, available daily, up from the current six. Currently, the public has access to the entire facility during library hours since the entrances and restrooms are in the main hallway. With this addition, the library would gain a separate public entrance and a
unisex, handicapped-equipped restroom, limiting the exposure of the rest of the facility during extended library hours. The circulation desk staffer will be able to see the public-access computers to better patrol orderly use, reduce fights among patrons using computers, and reduce illegal Internet use (primarily pornography).

Since there is no direct supervision of the common areas of the building, security has been an issue. Loitering, vandalism, theft, and arson are constant problems. With limited library staffing and no YPCC staffing unless there is an event (and even then they are busy with accommodations for events and cannot provide security to all areas), ensuring adequate security outside of the library is problematic. Records of security and safety issues were reviewed since 2009 and are representative of many cases before this recent 5-year period. Since then, there have been reports of two cases of vandalism, 10 cases of public drunkenness, five cases of theft, four cases of resource abuse (pornography, sending harassing emails, etc.), 26 cases of disruptive behavior, and three cases of arson. Staff have received anonymous and direct threats, particularly from the over 50 people who have been banned from either the library, museum or the Cultural Center for one week to one year, depending on the severity of the offense. After-school latch-key kids, public inebriates, people with mental health issues and homeless people tend to fill the ranks of trespassers.

KuC has attempted to address the safety and security issues by installing cameras, enlisting the Bethel Police Department with timely responses to trespass incidents, and immediate intervention when incidents occur. However, increasing numbers of incidents and the severity of cases is becoming untenable.

Having the YPCC on campus allows KuC to offer classes, especially to larger groups that existing classrooms cannot accommodate. Currently, the facility holds nearly 40 training and classes per year, primarily to support small business and entrepreneurial efforts. This does not include regular KuC classes that are held there due to space limitations within other campus buildings. Some training and meeting requests cannot be met due to existing commitments or scheduled maintenance. Incidences of vandalism, altercations, and arson have affected building hours of operation.

The extension to the multipurpose side will be divided into spaces for the YPCC Coordinator’s and Assistant Coordinator’s offices, classrooms and a gift shop. This will further facilitate community-driven activities and educational opportunities including computer classes, workshops, trainings, conferences, meetings and public events as part of the cultural multipurpose mission for the facility. The proposed project will be sustainable through KuC rental charges, faculty hire and instruction. KuC - YPCC will be partnering with local businesses and agencies who request computer training for employees, arts & crafts training and small business development.
Expansion of the front of the building will allow the YPCC Coordinator to vacate her current office and for KuC to relinquish use of the current classroom and storage room. This space is adjacent to the Museum and will allow the AVCP Museum additional area for a new gallery, classroom or storage or additional office space, which they have been requesting for some time.

The enlarged gift shop will showcase local traditional and non-traditional artists and crafts people and enhance their financial stability with sustainable income. There will be steady and dependable sales at the gift shop as visitors and tourists who come to the facility for the museum and to attend conferences, concerts and meetings enhance their YK delta experience by purchasing local arts and crafts. Visitors to the region, and specifically to the museum, invariably ask for local crafts and gifts. The space for a gift shop will provide this requested service and access to products from local artisans.

To enhance the usefulness and value of the YPCC, additional classroom space will allow KuC to offer the very popular small business, entrepreneurial classes, traditional and non-traditional fine arts and craft classes, and computer and Internet training for businesses. This expansion will also provide increased space for KuC to collaborate with other partners, such as Yukon Kuskokwim Health Corporation, to create training specific to health care. The use of computers and the Internet to meet the needs of health care in the rural villages surrounding Bethel is critical to the survival of a very vulnerable population.

The expansion will address a basic need for a safe, secure learning and working environment for students and staff. University assets will be better protected and security will be improved. The entire building has to remain open because the only restrooms available to library patrons are in the shared hallway of the building, exposing the rest of the building to the public during extended library hours. The sole staff member on duty cannot adequately oversee the entire building.

**Existing Capacity to Support Mission**

The expansion will allow the current single-staffing operation of the library to be successful. It will deter vandalism, problematic behavior, and allow staff to focus on their job rather than policing the building.

**Annual Operating Budget Impact**

By continuing our current staffing scenario, there will not be a need for more staff. The increased space will result in higher heating and utility costs. However, more and larger trainings and classes will provide more revenue to offset the increased operational cost.
UAF uses of the University of Alaska Graduate Survey

UAF values the consistency and continuity of the information provided in the annual survey by the McDowell Group, although we agree that a biannual survey would serve just as well. The Provost, Vice Provost, and Vice Chancellor for University and Student Advancement review each report for areas of concern, and share those with deans and student services staff as appropriate. Selected results of the survey are reported as one of UAF’s accreditation indicators. Continued favorable graduate assessments of their experiences is one of UAF’s objectives in the self-assessment required for accreditation. Currently student satisfaction is high and dissatisfaction is very low, 2-5%, in most categories. UAF’s survey results in recent years have been stable. Certainly, if there was a significant drop in satisfaction in any area, administrators would look into the area further and try to identify the problem. However, most of the questions are broad enough (e.g., How satisfied were you with your overall academic experience?) that the survey itself does not provide actionable information. It can only indicate that there is an area that needs to be examined further.

UAF has been working on ways to increase student engagement, which is known to foster both retention and graduation, and also tends to increase student satisfaction. These efforts include investments in undergraduate research, the Honors Program, and the Northern Leadership Center, as well as intensive advising in the Student Support Services Program model. Over the past two years UAF has invested activities beyond the classroom that enhance the quality of student life on our residential campus. These efforts include the creation of the Hulbert Nanook Terrain Park, UAF Climbing Wall, outdoor broom ball facilities, and renovations to the Student Recreation Center. Additionally, the quality of student life will be significantly enhanced in 2014 when construction is completed on the expansion of the Wood Center Student Union.

The area where graduates indicated the most dissatisfaction was "preparation for your career". Overall, 11% of UAF graduates were dissatisfied or very dissatisfied, 18% neutral, and 71% satisfied or very satisfied. Baccalaureate graduates were least satisfied. The Provost has discussed this issue with the College of Liberal Arts dean and charged him to work with faculty to develop materials describing how BA degrees prepare graduates for employment, as well as giving students specific advice on how to improve employment opportunities (e.g., choice of minor, co-curricular activities, internships and other work experiences while in college, post-graduate study, etc.). Career services at UAF are being completely revamped, and close ties are being developed with the Human Resources office.

A majority of UAF graduates (55%) responded that being able to work while attending school as very important to their being able to complete their degree, and 72% worked during the last year of their UAF studies. While this is the lowest % of the three universities, it is still a large part of the total student body. UAF continues to expand eLearning as a way of making programs more accessible to employed students.

A large proportion (52%) said that financial aid was very important to their degree completion. Over 40% of the graduates took out loans, for an average debt at graduation of $29,000. The results show that financial issues influence most of our students’ success. UAF has ongoing efforts to improve and expand financial aid advising. We are actively working with the UA System Office, the Alaska Commission on Postsecondary Education, and UAA and UAS on new marketing and outreach strategies related to the Alaska Performance Scholarship Program. In the winter of 2013 UAF Financial Aid and the Development Office will launch a new, integrated scholarship website so students have better access to privately funded scholarship information and application processes.

Although the Graduate Survey provides rather broad information about the experiences of graduates, it has been useful to UAF in choosing areas for improvement. We would like to see it continued, but with adjustments over time to gather more specific information in some areas.
The MacDowell Group’s University of Alaska Graduate Survey 2012
UAA Response

The MacDowell Group’s University of Alaska Graduate Survey 2012 begins by noting that UA graduate satisfaction remains high for the UA system and for the three universities individually. Reading through the detail of the report one notes little change in any of the indicators from the previous year’s report. (It would have been helpful if the trend lines for the major variables for the past seven years had been included as well as external benchmarks.) Overall, the system continues to deliver an education and experience that meets our customers’ expectations.

The report did not highlight any significant issues. Nonetheless, several interesting questions can be raised based on the responses. For example, 22% of UAA graduates (and 22% for UA as a whole) reported not knowing what field they wish to pursue after graduating. A related question asking whether they would choose the same field of study if they could start all over again only 54% of UAA graduates (and 53% for UA as a whole) said yes.

These two answers together suggest that better career advising needs to be provided early in the student’s tenure at the university. The “Career Paths” project that has been on-going at UAA for several years is one tool to address this issue. Not knowing where you are headed increased probability of failure to achieve the goal, wasted time to reach the goal and increased cost to the student and the system. Making the wrong choice can be a life-long issue for graduates. A missing piece of data that UAA is starting to gather is the percent of new students undecided about their field of study when they arrive who are successful, transfer or dropout.

A second example is the number of students who have found the Career Services Center helpful in their time at the university. The CSC provides services to support students seeking internships during the college career as well as employment upon graduation. Fewer than 60% of the graduates had found the CSC important during their tenure. Either the center is not performing its job well or it is not performing a function that adds value to the student’s educational experience. In either case, a closer look at how the center is operated, its services and outputs is warranted. We will be looking at the function as part of the prioritization effort currently on-going at UAA.

Two other items standout in that same category. First, less than 9% of UAA graduates found online classes important in helping them to attain their degree. It is difficult to tell whether this is a result of the number of courses/programs available online or just the student’s preference for face-to-face classes. Given the significantly higher percentage of UAS graduates who found online classes helpful, one might guess that it is the availability that makes a difference. The question needs further study given to push to move online and the increased cost associated with such a move.

Second, support from faculty was ranked less than 10% in importance for UAA graduates and close to 20% for UAF graduates. UAA faculty members have not been as actively engaged in advising as UAF faculty. This is changing as one of your SDI efforts to improve the overall advising and counseling of UAA students from initial contact through graduation. New faculty evaluation guidelines put more emphasis
on student advising. Training for faculty members is under development. We hope to see this number change significantly over the next decade.

Overall, the survey fails to provide actionable information. It does point out some deficiencies but without sufficient information to support decision making. UAA plans to implement a student satisfaction survey in the near future. In addition, small studies to get at the root of some issues, e.g. the lack of value placed on the Career Services Center, are being performed as needed.
University of Alaska Southeast
Response to UA Graduate Survey—McDowell Group 2012

UA Board of Regents—September 2013

UAS Highlights in McDowell Group Survey

The University of Alaska Graduate Survey 2012 confirmed that the University of Alaska Southeast is on the right track in supporting student learning and success in its academic and workforce development programs. UAS graduates expressed satisfaction with faculty and staff, with opportunities to take classes and programs online, and with their overall experiences as a student. Highlights include:

**Student satisfaction:**

- 91 percent of all UAS graduates were satisfied or very satisfied with their overall academic experience (p. 10)
- 93 percent were satisfied or very satisfied with their overall education, and intellectual and personal growth
- 85 percent were satisfied or very satisfied with their preparation for a career
- UAS graduates were more likely to be very satisfied with their UA experience in every category (p. 4)
- UAS graduates were much more likely to cite support from faculty and the ability to take some or all classes online (p. 4)
- 88% of UAS graduates noted that “support from UA staff” was somewhat or very important (p. 18)

**Students putting their knowledge and skills to work:**

- UAS graduates were significantly more likely than the average to use their skills and knowledge daily in their job (p. 3)
- For those UAS graduates who had identified a career field, 7 in 10 reported they are currently working in that field (p. 4)
- UAS graduates were more likely to be satisfied than the average with career preparation (85 percent) (p. 8)
- UAS graduates reported the highest mean annual salary compared with all graduates (p. 39)
- UAS graduates were least likely of all UA grads to report a difficult or very difficult challenge in finding a job (p. 42)

**eLearning opportunities:**

- UAS graduates, more than others at UA, indicated that the ability to take some or all classes online was important to them (p.15)

**Improving trends in student satisfaction:**

- Net satisfaction levels among UAS graduates rose in all categories between 2011 and 2012
- Net satisfaction levels with UAS graduates’ overall academic experience rose from 87 percent to 91 percent

**Future Actions Based on UA Graduate Survey**

The UA Graduate Survey 2012 confirms that UAS is on the right track in focusing on student learning and student success. Our mission, vision, and core themes—coupled with UA Strategic Direction Initiative themes—are providing appropriate direction and encouraging results. Continuing this graduate survey over time will provide longitudinal data that will enable us to track our ongoing efforts.

With continuous improvement in mind, UAS will continue its focus on student retention, providing exceptional opportunities for students, and being a leader in offering innovative online/eLearning programs. To improve retention, UAS is implementing a new Early Alert system for at-risk students, and it now offers an Academic Recovery Program. We’re using EMAS Retention Pro and DegreeWorks to improve our advising and our communication with students. We continue to focus on development of our Honors Program, undergraduate research and creative expression, and student engagement in our communities (e.g. through internships, practicum experiences). And we continue to focus on improvements to our online program offerings, providing faculty training through iTeach workshops, peer review of eLearning programs and courses, and faculty mentoring.
Project DEM BONES: Using dead critters to attract high school students to college level science

Shannon Atkinson, Ph.D. Professor
School of Fisheries and Ocean Sciences, University of Alaska Fairbanks
Joint Faculty UA Southeast
Project DEM BONES

Support provided by:
Innovative ways to promote science education at key levels

Question:
How do we keep secondary students interested in math and science at a tertiary level?

Answer:
Develop hands-on innovative curricula that target recruitment to higher education.
Anomaly #1 - college going

Proportion of Recent High School Graduates Attending College

Borrowed from D. Thomas
Other Concerns

1. That Alaska is almost last in the US for the proportion of HS graduates who go to college. The State and BOR have charged us to move up on that list.

2. That Alaskans want UA to act as a system... cross transfer of credits, collaborative teaching across MAUs, common research programs.

From M. Castellini
SDI Themes

• Student Achievement and Attainment
• Productive Partnerships With Alaska’s Schools
• Productive Partnerships with Public Entities and Private Industries
• Research and Development to Sustain Alaska’s Communities and Economic Growth
• Accountability to The People of Alaska
Genesis of the Idea

Distinctive Education in Motion: Biodiversity Of Nature and Environmental Stewardship
DEM BONES

Currently offered at UAF as FISH 100

- Syllabus
- Science Standards
- Exam: written paper
DEM BONES

A  Science as Inquiry and Process
A student should understand and be able to apply the processes and applications of scientific inquiry.

C  Concepts of Life Science
A student should understand and be able to apply the concepts, models, theories, facts, evidence, systems, and processes of life science.

E  Science and Technology
A student should understand the relationships among science, technology, and society.

F  Cultural, Social, Personal Perspectives and Sciences
A student should understand the dynamic relationships among scientific, cultural, social, and personal perspectives.

•  http://www.eed.state.ak.us/contentstandards/Science.html
Why articulate in the classroom?

- Hands-on!
- Promotes teamwork!
- Connects students to UA!
Why articulate in the classroom?

• Discreet process with clear beginning and end
• Great opportunity to cross curriculum with one project
• Tangible end product!
Harvest the skeleton
Sort and clean the bones

Lay out and understand the anatomy
Gluing Bones

Hanging the skeleton

Lectures include anatomy, physiology, ecology, cultural uses, and marine policy
DEM BONES

- Spring 2011 - Sea Otter - 16 students - all for UAF Credit
- Spring 2012 - 2 Sea Lions - 40 students - 35 for UAF Credit
- Spring 2013 - Harbor seal/sea lion - 33 students - 30 for UAF Credit
- Sitka Sound Science Center - Summer 2011 Making Waves Science Camp - 14 middle school students
- Sitka Sound Science Center - Community class for Orca Articulation - 11 students (ages 7-70)
Highlights

• School District and community very supportive
• 2\textsuperscript{nd} highest enrollment in Fisheries Division and 3\textsuperscript{rd} highest in SFOS
• Student responses:

“This class was such an amazing experience and for me and I learned so much in so little time and it has really made me reconsider what I want to do in college.” Jordyn Campbell - 2011

“Extraordinary, is the only way to describe it. I’m glad to be able to be part of this class and have had the chance to build this skeleton. “ Destry Lietz - 2012

“The process of articulating a skeleton is a wonderful way to learn the anatomy of an animal. The hands on learning style solidifies the information and helps to be able to apply it. I have learned much more from participating in the articulation of the California sea lion than I ever would have from a textbook.” Emilyanne Lohrey - 2013
Challenges

1. Funding source not stable:
   2011 - CTC - Instructor raised funds for full tuition and TA
   2012 - CTC Co-Sponsored course, reduced tuition, grant funded, SFOS TA
   2013 - SFOS Co-Sponsored course, reduced tuition, student and school funded, SFOS TA
   2014 - SFOS Co-Sponsored course, reduced tuition, student and school funded, no TA

2. Unusual for administration
   CTC and SFOS manage differently

3. Inability to respond to all communities that want the class.
What does a program like DEM BONES do for students?

1. Gives them a connection to the UA System
2. Makes college less distant and scary
3. Gives the message that their education is in their hands, and is fun!
4. Is an opportunity to network and introduces professional development
What does a program like DEMBONES do for UAF(S)?

1. Is a form of targeted recruiting
2. Reaches out to prospective students in a non-traditional way
3. Promotes science inquiry at a personal and meaningful level
4. Grad students gain connections with high school programs
Suggestions to further implement SDI

1. Encourage and support co-sponsored and tech-prep classes
2. Incentivize faculty outreach at non-traditional levels
3. Discourage silo thinking both within schools and MAUs
Questions?
## University of Alaska
### Key Indicators

#### Annual Number of Students

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>46,712</td>
<td>49,005</td>
<td>49,939</td>
<td>50,628</td>
<td>48,494</td>
<td>-4%</td>
<td>4%</td>
</tr>
</tbody>
</table>

**Associate & Certificate**

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>7,808</td>
<td>8,962</td>
<td>9,951</td>
<td>10,266</td>
<td>9,845</td>
<td>-4%</td>
<td>26%</td>
</tr>
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</table>

**Bachelor's**

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
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<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
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</thead>
<tbody>
<tr>
<td>13,574</td>
<td>14,548</td>
<td>15,436</td>
<td>16,089</td>
<td>16,250</td>
<td>1%</td>
<td>20%</td>
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</table>

**Graduate**

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<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
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<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,052</td>
<td>3,290</td>
<td>3,393</td>
<td>3,458</td>
<td>3,439</td>
<td>-1%</td>
<td>13%</td>
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</table>

**Non-Degree Seeking**

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
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<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>22,278</td>
<td>22,205</td>
<td>21,159</td>
<td>20,815</td>
<td>18,960</td>
<td>-9%</td>
<td>-15%</td>
</tr>
</tbody>
</table>

#### Average Student Credit Hour Load

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
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<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.9</td>
<td>12.1</td>
<td>12.4</td>
<td>12.5</td>
<td>12.8</td>
<td>2%</td>
<td>8%</td>
</tr>
</tbody>
</table>

#### % of Recent College Bound Alaska High School Graduates

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY12-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>47.5%</td>
<td>47.5%</td>
<td>47.5%</td>
<td>47.5%</td>
<td>47.5%</td>
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</tr>
</tbody>
</table>

#### % of Recent Alaska High School Graduates who Attend UA

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>27.6%</td>
<td>29.4%</td>
<td>29.0%</td>
<td>29.4%</td>
<td>29.3%</td>
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</tr>
</tbody>
</table>

#### % of Alaskans who took UA Class

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY12-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.2%</td>
<td>8.4%</td>
<td>8.4%</td>
<td>8.4%</td>
<td>8.1%</td>
<td></td>
</tr>
</tbody>
</table>

#### Grants Funded Research Expenditures (Millions)

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>$120.2</td>
<td>$131.0</td>
<td>$138.0</td>
<td>$132.7</td>
<td>$129.2</td>
<td>-3%</td>
<td>8%</td>
</tr>
</tbody>
</table>

#### Research & Creative Activity

#### Service

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,873</td>
<td>16,049</td>
<td>15,541</td>
<td>15,498</td>
<td>12,922</td>
<td>-17%</td>
<td>19%</td>
</tr>
</tbody>
</table>

#### Facilities (Fall)

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,401</td>
<td>2,334</td>
<td>2,296</td>
<td>2,221</td>
<td>2,407</td>
<td>8%</td>
<td>0%</td>
</tr>
</tbody>
</table>

#### Finance

<table>
<thead>
<tr>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
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</thead>
<tbody>
<tr>
<td>4.1</td>
<td>4.4</td>
<td>5.7</td>
<td>5.1</td>
<td></td>
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</tbody>
</table>
# University of Alaska
## Strategic Direction Initiative (SDI) Measures

### Theme I: Student Achievement & Attainment

<table>
<thead>
<tr>
<th></th>
<th>FY09</th>
<th>FY10</th>
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<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grads who Earn Subsequent Graduate Degrees in 5 Years</td>
<td>9.4%</td>
<td>10.2%</td>
<td>10.6%</td>
<td>10.8%</td>
<td>11.1%</td>
<td>2%</td>
<td>31%</td>
</tr>
<tr>
<td>% of Degree-Seekers who Completed 30 Credits or More Per FY</td>
<td>13.0%</td>
<td>7.8%</td>
<td>12.9%</td>
<td>13.7%</td>
<td>15.0%</td>
<td>9%</td>
<td>15%</td>
</tr>
<tr>
<td>Bachelor's</td>
<td>4.1%</td>
<td>3.9%</td>
<td>3.7%</td>
<td>3.5%</td>
<td>4.4%</td>
<td>23%</td>
<td>6%</td>
</tr>
<tr>
<td>Associate &amp; Certificate</td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Preparatory Students Completing College-Level Class in Math or English Within 1 Year</td>
<td>18.7%</td>
<td>14.4%</td>
<td>19.6%</td>
<td>18.1%</td>
<td>19.3%</td>
<td>7%</td>
<td>3%</td>
</tr>
<tr>
<td>Bachelor's</td>
<td>7.3%</td>
<td>8.0%</td>
<td>7.6%</td>
<td>5.9%</td>
<td>9.0%</td>
<td>52%</td>
<td>23%</td>
</tr>
<tr>
<td>Associate</td>
<td></td>
<td></td>
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</tbody>
</table>

### Theme II: Productive Partnerships with Alaska’s Schools

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</thead>
<tbody>
<tr>
<td>APS Recipients Meeting Annual SCH Requirements</td>
<td>80%</td>
<td>84%</td>
<td>5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First-Time Freshmen Taking Math or English Preparatory Classes</td>
<td>44%</td>
<td>47%</td>
<td>48%</td>
<td>50%</td>
<td>47%</td>
<td>-5%</td>
<td>7%</td>
</tr>
<tr>
<td>Bachelor's</td>
<td>64%</td>
<td>62%</td>
<td>58%</td>
<td>65%</td>
<td>64%</td>
<td>-2%</td>
<td>0%</td>
</tr>
<tr>
<td>Associate &amp; Certificate</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First-Time Freshmen with Dual-Enrollment Credits</td>
<td>27%</td>
<td>27%</td>
<td>24%</td>
<td>23%</td>
<td>27%</td>
<td>16%</td>
<td>0%</td>
</tr>
<tr>
<td>Proportion of UA Educated New Teacher Hires</td>
<td>25%</td>
<td>23%</td>
<td>24%</td>
<td>17%</td>
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### Theme III: Productive Partnerships with Alaska’s Public and Private Industries

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<tr>
<th></th>
<th>FY09</th>
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<th>FY13</th>
<th>FY12-FY13</th>
<th>FY09-FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduates Working in Alaska</td>
<td>77.8%</td>
<td>78.6%</td>
<td>78.3%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industry Investments in Workforce Education ($1000s)</td>
<td>$4,840</td>
<td>$4,501</td>
<td>$3,919</td>
<td>$4,524</td>
<td>$3,534</td>
<td>-22%</td>
<td>-27%</td>
</tr>
<tr>
<td>Industry Investment in Research &amp; Extension ($1000s)</td>
<td>$28,216</td>
<td>$23,908</td>
<td>$24,424</td>
<td>$28,585</td>
<td>$26,242</td>
<td>-8%</td>
<td>-7%</td>
</tr>
<tr>
<td>Baccalaureate Engineering Degrees</td>
<td>94</td>
<td>148</td>
<td>137</td>
<td>143</td>
<td>156</td>
<td>9%</td>
<td>66%</td>
</tr>
<tr>
<td>Health Related Degrees</td>
<td>715</td>
<td>824</td>
<td>786</td>
<td>788</td>
<td>914</td>
<td>16%</td>
<td>28%</td>
</tr>
</tbody>
</table>

### Theme IV: Research and Development to Sustain Alaska’s Communities & Economic Growth

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</tr>
</thead>
<tbody>
<tr>
<td>Ratio Non-General Fund: General Fund Research Revenue</td>
<td>5.7</td>
<td>5.2</td>
<td>5.6</td>
<td>5.3</td>
<td>5.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual Number of Invention disclosures</td>
<td>7</td>
<td>8</td>
<td>6</td>
<td>41</td>
<td>86</td>
<td>110%</td>
<td>1129%</td>
</tr>
</tbody>
</table>

### Theme V: Accountability to The People of Alaska

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</thead>
<tbody>
<tr>
<td>Average Non-Loan Aid ($) for Financial Aid Eligible Undergraduates Bachelor's</td>
<td>$3,289</td>
<td>$3,583</td>
<td>$4,008</td>
<td>$4,142</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Associate &amp; Certificate</td>
<td>$2,397</td>
<td>$2,660</td>
<td>$2,950</td>
<td>$2,963</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% of Degree Seeking Undergraduates Receiving Pell</td>
<td>23%</td>
<td>23%</td>
<td>35%</td>
<td>36%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average Loan Debt for those with Loans Bachelor's</td>
<td>$20,019</td>
<td>$20,479</td>
<td>$21,231</td>
<td>$20,451</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Associate &amp; Certificate</td>
<td>$14,287</td>
<td>$13,829</td>
<td>$13,460</td>
<td>$13,970</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Programs Available by e-Learning 50+%</td>
<td>267</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100%</td>
<td>132</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average e-Learning Credits per Student</td>
<td>2.1</td>
<td>2.4</td>
<td>2.6</td>
<td>2.5</td>
<td>3.0</td>
<td>18%</td>
<td>39%</td>
</tr>
<tr>
<td>Loan Default Rate</td>
<td>7.2%</td>
<td>8.1%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent of Alaska population that is minority: 24.5% (2010 US Census), compared to percentage of UA that is minority in Fall semester:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty</td>
<td>9.9%</td>
<td>10.4%</td>
<td>10.6%</td>
<td>10.7%</td>
<td>10.6%</td>
<td>-1%</td>
<td>8%</td>
</tr>
<tr>
<td>Staff</td>
<td>14.0%</td>
<td>15.3%</td>
<td>15.4%</td>
<td>14.7%</td>
<td>15.2%</td>
<td>4%</td>
<td>9%</td>
</tr>
<tr>
<td>Bachelor's</td>
<td>23.0%</td>
<td>26.2%</td>
<td>26.4%</td>
<td>26.6%</td>
<td>26.8%</td>
<td>0%</td>
<td>17%</td>
</tr>
<tr>
<td>Associate &amp; Certificate</td>
<td>28.0%</td>
<td>30.5%</td>
<td>28.6%</td>
<td>28.5%</td>
<td>29.2%</td>
<td>3%</td>
<td>4%</td>
</tr>
<tr>
<td>Graduate Students</td>
<td>16.6%</td>
<td>18.0%</td>
<td>17.3%</td>
<td>17.3%</td>
<td>18.0%</td>
<td>4%</td>
<td>8%</td>
</tr>
<tr>
<td>Degree Recipients</td>
<td>20.2%</td>
<td>22.7%</td>
<td>20.7%</td>
<td>22.2%</td>
<td>22.0%</td>
<td>-1%</td>
<td>9%</td>
</tr>
<tr>
<td>UA Tuition &amp; Fees Compared with Peer Institutions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-Year as percent of WICHE Average</td>
<td>92.9%</td>
<td>87.3%</td>
<td>82.8%</td>
<td>76.0%</td>
<td>76.6%</td>
<td>1%</td>
<td>-18%</td>
</tr>
<tr>
<td>2-Year as percent of WICHE Average</td>
<td>223.5%</td>
<td>213.6%</td>
<td>212.5%</td>
<td>192.0%</td>
<td>193.3%</td>
<td>1%</td>
<td>-14%</td>
</tr>
<tr>
<td>Total Cost of Risk per $1,000 in Operating Expenses</td>
<td>9.3</td>
<td>9.4</td>
<td>9.2</td>
<td>9.0</td>
<td></td>
<td>7%</td>
<td>-3%</td>
</tr>
</tbody>
</table>
On Campus Hours per Student
GF per Student FTE
Low Income Participation
Student Satisfaction Survey
Citations/Faculty
Other Sponsored Programs Grant Expenditures
Peer Reviewed Publications Per Tenure Track Faculty
UA Metrics - Data Definitions

**Key Indicators**

**Annual Number of Students:** Unduplicated fiscal year headcount. Fiscal year consists of consecutive summer, fall, and spring semesters. 2 Year and below students are defined as those enrolled in an associate, certificate, or OEC program. 4 Year students are defined as those enrolled in a baccalaureate program. Graduate students are defined as those enrolled in a licensure, masters, or doctoral program. Non-degree seeking students are not seeking any type of degree. Students are classified based on the most their most recent degree-seeking status within the fiscal year. Auditors are included. Year long students are not included. Non-credit students are not included.

**Average Student Credit Hour Load:** Fiscal year measure, consisting of total student credit hours divided by the total student headcount. Fiscal year consists of summer, fall, spring, and year long semesters. Students must be credit enrolled. Audit hours are not included.

**% of Recent College Bound Alaska High School Graduates:** data is from Digest of Education Statistics, National Center for Education Statistics. Projection is from Student & Enrollment Services, University of Alaska as of September 2012. Numbers are only published every other year. See http://nces.ed.gov/programs/digest/. The number of Alaska High School Graduates is provided by the Alaska Department of Education and Early Development.

**% of Recent Alaska High School Graduates who Attend UA:** high school graduates who are First-Time Freshmen at University of Alaska and who are less than 20 years old on September 1 of the reporting year. See UA in Review 2013 table 1.12 and Fall 2012 closing report. The number of Alaska High School Graduates is provided by the Alaska Department of Education and Early Development.

**% of Alaskans who Took UA Class:** Calender year measure. Total Alaskans 18 and older who received a PFD are matched to UA data to calculate how many of those PFD recipients took a UA class during that year. Numbers for 2013 are delayed until 2014.

**Student Learning Outcomes**

**Degrees, Certificates, Endorsements Awarded:** Count of degrees, certificates, and endorsements awarded. Some students earn multiple degrees within a fiscal year. See UA in Review table 2.03

**High Demand Job Area (HDJA) Degrees Awarded:** Number of degrees awarded to qualifying degree recipients to take jobs in high demand and specified occupational areas as defined by the Alaska Department of Labor and Workforce Development (DOLWD) are categorized as high demand job programs. See UA in Review table 2.11. High Demand Jobs List: http://www.alaska.edu/files/swbir/High_Demand_Job_list.pdf

**HDJA Grads Employed 1 Year Later:** Numbers provided by Alaska Department of Labor and Workforce Development in collaboration with IRA. Figures are reported by the year a student graduated and consider employment in the following fiscal year. FY13 numbers are delayed until 2014.

**Vocational Pre- to Post- Training Wage Increase:** Numbers reported by Alaska Department of Labor and Workforce Development (http://www.labor.state.ak.us/) in Alaska Training Program Performance Reports for vocational training participants 1 to 12 months after training. FY12 numbers are delayed until 2014.
**Bachelor's Degree 150% Graduation Rate:** First-time, full-time baccalaureate degree seeking freshmen who earned a baccalaureate degree within six years. Based on opening data consistent with federal definitions. See UA in Review table 2.02a.

**Associate & Certificate 150% Graduation Rate:** First-time, full-time associate, certificate, or occupational endorsement certificate seeking freshmen who earned the credential within three years. Based on opening data consistent with federal definitions. See UA in Review table 2.02b.

**Research and Creative Activity**

**Grant-Funded Research Expenditures (Millions $):** Research expenditures paid for by grants including indirect cost recovery and capital expenditures. Represents actual expenditures and not the awarded grant amount. See UA in Review table 5.07.

**Service**

**Non-Credit Instructional Units Delivered:** Number of non-credits units delivered which includes special interest, professional, and continuing education courses. Number is calculated by taking contact hours divided by 10 for non-credit courses.

**Outreach Publications:** Numbers reported by Cooperative Extension Service. Fiscal year measure based on the number of CES print publications.

**Facilities (Fall)**

**Square Feet per Faculty FTE (Fall):** Square feet is based on assignable space from UA in Review table 6.03. Regular faculty uses the same methodology as UA in Review table 3.01b. One Adjunct faculty FTE is equivalent to three adjunct faculty.

**Square Feet of Buildings 25 years or Older:** Provided by UA Statewide Budget. Square feet is based on gross square feet. See UA in Review 6.01a for information on total gross area for UA.

**Deferred Maintenance and Revitalization Backlog in $ Per Square Feet:** Provided by UA Statewide Budget. Square feet is based on gross square feet. See UA in Review Table 6.05a.

**Finance**

**Viability Ratio:** Compares expendable net assets to debt. 3 ± X is considered a normal ratio (X is pending). This data is from the annual financial statements, available December 2013.

**Return on Net Assets Ratio:** Compares change in net assets to total net assets. 3 ± X is considered a normal ratio (X is pending). This data is from the annual financial statements, available December 2013.

**Alumni Giving:** Numbers provided by UA Foundation.

**Corporate Giving:** Numbers provided by UA Foundation.
Strategic Direction Initiative (SDI) Measures - Data Definitions

**Theme I: Student Achievement & Attainment**

**Graduates who Earned Subsequent Graduate Degrees in 5 Years:** Proportion of students who earned a bachelor’s degree and then earned either a Masters or a PH.D within 5 years. The proportion is based on distinct headcount rather than count of degrees. Information on degrees from universities outside the UA system comes from the National Student Clearinghouse.

**Degree Seekers who Passed 30 Credits or More per Fiscal Year:** Degree is determined by most recent within the fiscal year. Fiscal year consists of summer, fall, and spring semesters. Two year degrees are defined as any undergraduate degree below a baccalaureate which includes associates, certificates, and occupational endorsement certificates. Audit hours and non credit courses are not included. Non-degree seeking and year long students are not included. A passing grade is defined as a C or higher or a P.

**Bachelor’s Degree Seeking Preparatory Students Completing College-Level Class in Math or English Within 1 Year:** First-Time freshmen who enroll in preparatory math or English courses in their first semester and complete a college level course within one year. Students enrolled in preparatory math and preparatory English must complete college level courses for both subjects. A college level course is defined as a course with the subject code of MATH or ENGL which is not preparatory.

**Associate Degree Seeking Preparatory Students Completing College-Level Class in Math or English Within 1 Year:** First-Time freshmen who enroll in preparatory math or English courses in their first semester and complete a college level course within one year. Students enrolled in preparatory math and preparatory English must complete college level courses for both subjects. Only students who are seeking an AA or AS are included. Bachelor’s Intended (BI) are not included. MATH A105 is not counted as a preparatory course. A college level course is defined as a course with the subject code of MATH or ENGL which is not preparatory.

**Theme II: Productive Partnerships with Alaska’s Schools**

**APS Recipients Meeting Annual SCH Requirements:** Proportion of students who received the APS who met the credit hour requirement to continue to receiving the APS.

First-year APS recipients must enroll in at least 12 student credit hours (SCH) to receive the full-time award each term, and those who enroll in less than 12 SCH receive the half-time award. If a first-year APS recipient received the full-time award for both award disbursements, then that student must have a cumulative SCH earned of at least 24 SCH by the end of term during which the recipient received the 2nd award disbursement. However, if a first-year APS recipient received the half-time award for both terms, that student must have a cumulative SCH earned of at least 12 SCH. If a first-year APS recipient received one full-time award and one half-time award, then that student must have a cumulative SCH earned of at least 18 SCH.

Second-year (and later) APS recipients must enroll in at least 15 SCH to receive the full-time award each term; otherwise, they receive the half-time award. For each full-time award received, 15 SCH are added to a recipient’s cumulative SCH earned requirement, and for each half-time award, 8 SCH are added to a recipient’s cumulative SCH earned requirement.

**Bachelor’s Degree Seeking First-Time Freshmen Taking Math or English Preparatory Courses:** Includes only fall first-time freshmen taking preparatory courses in their first semester. All math or English preparatory courses are included regardless of level. Preparatory courses that are not math or English are not included.
Associate Degree Seeking First-Time Freshmen Taking Math or English Preparatory Courses:
Includes only fall first-time freshmen taking preparatory courses in their first semester. Associate degree seeking students are defined as those seeking an AA or AS. Bachelor's Intended (BI) are not included. MATH A105 is not counted as preparatory. All math or English preparatory courses are included regardless of level. Preparatory courses that are not math or English are not included.

First-Time Freshmen with Dual Enrollment Credits: Any first-time freshmen who earned dual enrollment credits at any time before becoming a first-time freshman

Proportion of UA Educated New Teacher Hires: Data from Lexi Hill (ISER). Proportion is determined by taking new teacher UA grads compared with all new teacher hires within the state of Alaska’s fiscal year which is the same as UA’s fiscal year.

Proportion of AK Teachers who are UA Educated: Data from Lexi Hill (ISER). All certified staff with at least a partial teaching assignment are counted as teachers. All teachers who received their initial preparation at UA are counted as UA educated regardless of when they underwent their teaching preparation. Year is based off of the state of Alaska’s fiscal year.

Theme III: Productive Partnerships with Alaska’s Public and Private Industries

Graduates Working in Alaska: Reported by Alaska Department of Labor and Workforce Development. Figures are reported by the year a student graduated and consider employment in the following fiscal year. FY13 numbers are delayed until 2014.

Industry Investments in Workforce Education: Restricted expenditures received from private agencies plus indirect cost recoveries. The measure includes both, capital and non-capital expenditures and incorporates grants with the following program themes: Adult and Continuing Education, Education, Education or Instruction (Health or Safety or Medical), Education or Instructional Programs, Nursing Education, Training and Development and Vocational or Technical Education.

Industry Investment in Research and Extension Activities: Restricted expenditures received from private agencies plus indirect cost recoveries. The measure includes both, capital and non-capital expenditures and excludes grants with the following program themes: Adult and Continuing Education, Education, Education or Instruction (Health or Safety or Medical), Education or Instructional Programs, Nursing Education, Training and Development and Vocational or Technical Education. In addition, expenditures associated with the Cooperative Extension Service are excluded.

Baccalaureate Engineering Degrees: Baccalaureate degrees received in a fiscal year in Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, Mining Engineering, Petroleum Engineering, Geological Engineering, or Computer Engineering

Health Related Degrees: Number of degrees received in a fiscal year that are identified as health related high demand job area programs

Theme IV: Research and Development to Sustain Alaska’s Communities & Economic Growth

Non-General Fund to General Fund Research Revenue: Amount of research revenue from sources other than the state compared with research revenue from state appropriations. Revenue includes ICR. See UA in Review table 5.01.
**Annual Number of Invention Disclosures:** UAF numbers reported by the UAF Office of Intellectual Property and Commercialization. UAA numbers are reported by the Office of Technology Commercialization.

**Theme V: Accountability to The People of Alaska**

**Average Non-Loan Aid for Financial Aid Eligible Undergrads:** Aid year measure. Aid year consists of consecutive fall, spring, and summer semesters. 4 year students are those seeking a baccalaureate degree. 2 year and below students consist of associate degree, certificate, or occupational endorsement seeking students. All types of non-loan aid are included: grants, scholarships, waivers, and work study. Students are determined to be financial aid eligible if they were offered financial aid. Degree is determined by the most recent degree the student had during the aid year. FY13 number will become available in fall 2013.

**% of Degree Seeking Undergraduates Receiving Pell:** Aid year measure. Aid year consists of consecutive fall, spring, and summer semesters. Degree seeking undergraduates includes those working towards a degree, certificate, or endorsement. See UA in Review Table 4.15.

**Average Loan Debt for those with Loans:** Average amount of loan aid received by graduates during that fiscal year or students who dropped out of the university. The average only includes students who took out loans and includes all types of loans. For students who have earned multiple degrees, only the loans taken out for the most recent degree are counted. Students are considered to have dropped out if they failed to enroll in the next fiscal year. This measure operates on a year delay in order to determine whether a student has dropped out, so FY13 numbers will be available when FY14 closes.

**Average e-Learning Credits per Student:** Fiscal year measure. Fiscal year consists of summer, fall, spring, and year long semesters. Total e-Learning credits compared to total annual headcount, regardless if a student was enrolled in an e-Learning course. Only includes students who were credit enrolled and were not auditing, but it does include students in year long courses.

**Loan Default Rate:** Numbers reported by the US Department of Education: http://www.nslds.ed.gov/nslds_SA/defaultmanagement/search_cohort_2yr.cfm. Default rate is calculated by taking the number of students whose student loans come due within a particular fiscal year and comparing that to how many of those students default on their loans within two years. Rates are based on federal fiscal years which run from October 1st of a calendar year to September 30th of the following calendar year. Federal fiscal year refers to the calendar year in which it ends. Breakdown by degree types is not available. The loan default rate for FY11 should be released winter of 2013.

**Number of Programs Available by e-Learning:** Number of programs in which you can complete more than 50% of the coursework through e-Learning and the number of programs in which you can complete 100% of the coursework through e-Learning. Numbers are only available for 2012.

**% Minority:** Fall measure only except for degree recipients. Includes all students who are classified as AK Native/Am. Indian, Black, Asian, or HI Native/Pacific Islander. Census data: http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk. Faculty are identified as those with an EEO code of faculty. Staff includes employees with EEO codes of administrative, professional, technical, clerical, crafts/trades, and maintenance. Students are classified using the same methodology as in enrollment headcount. Auditors are included. Because the decrease recipients measure is based on a count of individuals rather than degrees, it uses a distinct headcount to calculate the percentage.

**UA Tuition and Fees Compared with Peer Institutions:** Numbers published by the Western Commission for Higher Education: http://www.wiche.edu/.
**Total Cost of Risk Per $1,000 in Operating Expenses:** Numbers reported by Nancy Spink. Total cost of risk is defined as the total cost to UA over a fiscal year due to risk. This includes insurance, losses, expenses, broker’s fees and commissions, opportunity costs, costs of capital, benefits, compliance, safety programs, global programs, and student safety. Operating expenses are taken from UA Financial Statements: http://www.alaska.edu/financial-statements/
Academic Program Review
Report to the University of Alaska Board of Regents
August 26, 2013

Academic Program Review Process at the University of Alaska Fairbanks

Academic program review is designed to meet the standards of the Northwest Commission on Colleges and Universities, the regional accrediting organization that oversees UAF, as well as to comply with University Regulation 10.06.010.B. As required in Regulation, centrality of the program to the university’s mission, program quality and distinctiveness within the UA system, student demand, employment opportunities for graduates, program productivity, efficiency, and total cost are considered. Every academic program at UAF undergoes review at least once during a five-year cycle. Additional reviews are required for programs that are given a “conditional” review decision, to assess whether or not the conditions are being met. Those reviews are typically focused on the identified areas of weakness. The regular reviews are conducted at three levels, including a faculty committee, an administrator committee (consisting of deans and campus directors), and the Chancellor’s Cabinet.

Summary of Academic Year 2012-2013 Program Review Outcomes

<table>
<thead>
<tr>
<th>Decision</th>
<th>Number of Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enhancement</td>
<td>0</td>
</tr>
<tr>
<td>Continuation</td>
<td>32</td>
</tr>
<tr>
<td>Revision</td>
<td>4</td>
</tr>
<tr>
<td>Conditional, Continued Review (includes one of the programs to be revised)</td>
<td>1</td>
</tr>
<tr>
<td>Suspension</td>
<td>3</td>
</tr>
<tr>
<td>Deletion (Includes one of the suspended programs and 2 of three certificates that will be combined)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total reviewed (unduplicated)</strong></td>
<td>39</td>
</tr>
</tbody>
</table>

Number of programs scheduled for review during the next five years*

<table>
<thead>
<tr>
<th>Review Year</th>
<th>Number of Programs**</th>
<th>Percentage of Total**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-2014</td>
<td>40</td>
<td>19.5%</td>
</tr>
<tr>
<td>2014-2015</td>
<td>42</td>
<td>20.4%</td>
</tr>
<tr>
<td>2015-2016</td>
<td>43</td>
<td>21%</td>
</tr>
<tr>
<td>2016-2017</td>
<td>40</td>
<td>19.5%</td>
</tr>
<tr>
<td>2017-2018</td>
<td>40</td>
<td>19.5%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>205</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

*Occasionally a program is granted a 1-year delay, due to leadership changes or other events beyond their control.

**Includes some programs that will be deleted.
<table>
<thead>
<tr>
<th>School or College</th>
<th>Program</th>
<th>Number of Graduates 2008-2012*</th>
<th>Program Initiation Year</th>
<th>Decision</th>
<th>Special Review Year</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLA</td>
<td>Eskimo BA, including Yup'ik and iñupiaq options</td>
<td>4</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td>Unique programs that are essential to language revitalization.</td>
</tr>
<tr>
<td>CLA</td>
<td>Anthropology BA</td>
<td>23</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td>BA and BS have substantial overlap in anthropology course requirements.</td>
</tr>
<tr>
<td>CLA</td>
<td>Anthropology BS</td>
<td>21</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td>BA and BS have substantial overlap in anthropology course requirements.</td>
</tr>
<tr>
<td>CLA</td>
<td>Communication BA</td>
<td>48</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Professional Communication MA</td>
<td>37</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>English BA</td>
<td>80</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Film BA</td>
<td>2</td>
<td>2011</td>
<td>Continue</td>
<td></td>
<td>New program</td>
</tr>
<tr>
<td>CLA</td>
<td>Foreign Languages BA</td>
<td>54</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>History BA</td>
<td>71</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Japanese Studies BA</td>
<td>21</td>
<td>1993</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Journalism BA</td>
<td>57</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Native Language Education Certificate</td>
<td>2</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td>Unique program that is important to language revitalization</td>
</tr>
<tr>
<td>CLA</td>
<td>Native Language Education AAS</td>
<td>4</td>
<td>1992</td>
<td>Continue</td>
<td></td>
<td>Unique program that is important to language revitalization. Requirements overlap with certificate.</td>
</tr>
<tr>
<td>CLA</td>
<td>Northern Studies BA</td>
<td>8</td>
<td>Before 1990</td>
<td>Revise</td>
<td>2015-2016</td>
<td>This is an interdisciplinary degree that is composed of courses from departments including history and political science. It is very low in cost. Under consideration for eLearning program.</td>
</tr>
<tr>
<td>CLA</td>
<td>Philosophy BA</td>
<td>17</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Political Science BA</td>
<td>51</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Psychology BA</td>
<td>182</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Psychology BS</td>
<td>38</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td>BA and BS have substantial overlap in psychology course requirements.</td>
</tr>
<tr>
<td>CLA</td>
<td>Russian Studies BA</td>
<td>8</td>
<td>Before 1990</td>
<td>Suspend and delete after teach-out</td>
<td></td>
<td>Some Russian language and culture courses will be retained within the Foreign Languages program as student demand warrants.</td>
</tr>
<tr>
<td>School or College</td>
<td>Program</td>
<td>Graduates 2008-2012*</td>
<td>Program Initiation Year</td>
<td>Decision</td>
<td>Special Review Year</td>
<td>Explanation</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------------------------------</td>
<td>----------------------</td>
<td>-------------------------</td>
<td>----------</td>
<td>---------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CLA</td>
<td>Social Work BA</td>
<td>86</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Theatre BA</td>
<td>22</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Yup’ik Language and Culture BA</td>
<td>3</td>
<td>2007</td>
<td>Continue</td>
<td></td>
<td>Articulates with Yup’ik Language Proficiency AAS. Unique program needed for revitalization of language and culture. Yup’ik Eskimo differs from the Yup’ik Language and Culture degree, with a focus on linguistics rather than culture.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Yup’ik Language Proficiency Certificate</td>
<td>10</td>
<td>2004</td>
<td>Continue</td>
<td></td>
<td>Unique program needed for revitalization of language.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Yup’ik Language Proficiency AAS</td>
<td>1</td>
<td>2004</td>
<td>Continue</td>
<td></td>
<td>Unique program needed for revitalization of language.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Apprenticeship Technology AAS</td>
<td>3</td>
<td>2001</td>
<td>Continue</td>
<td></td>
<td>Low in cost because the degree requirements include a union apprenticeship and general education requirements. There are no courses offered particular to this degree.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Renewable Resources AAS</td>
<td>5</td>
<td>1991</td>
<td>Suspend</td>
<td></td>
<td>The degree will either be extensively revised or deleted.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Tribal Management Certificate</td>
<td>9</td>
<td>2001</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRCD</td>
<td>Tribal Management AAS</td>
<td>5</td>
<td>2001</td>
<td>Continue</td>
<td></td>
<td>Substantial overlap with Certificate degree requirements.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Associate of Science AS</td>
<td>18</td>
<td>2008</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRCD</td>
<td>AMIT (Mining and Applied Technologies)</td>
<td>0</td>
<td>Before 1990</td>
<td>Suspend</td>
<td></td>
<td>This program is not currently being offered, but is under consideration for revision and resumption.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Associate of Arts AA</td>
<td>271</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRCD</td>
<td>Baking and Pastry Arts Certificate</td>
<td>0</td>
<td>2012</td>
<td>Continue</td>
<td></td>
<td>New program.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Culinary Arts Certificate</td>
<td>3</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRCD</td>
<td>Culinary Arts AAS</td>
<td>15</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td>There is substantial overlap with Certificate degree requirements.</td>
</tr>
<tr>
<td>School or College</td>
<td>Program</td>
<td>Graduates 2008-2012*</td>
<td>Program Initiation Year</td>
<td>Decision</td>
<td>Special Review Year</td>
<td>Explanation</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------------------------------------</td>
<td>----------------------</td>
<td>-------------------------</td>
<td>----------</td>
<td>---------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CRCD</td>
<td>Human Services AAS</td>
<td>61</td>
<td>Before 1990</td>
<td>Continue</td>
<td></td>
<td>24 of these students also completed a Rural Human Services Certificate, which articulates with the Human Services AAS.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Instrumentation Technology Certificate</td>
<td>37</td>
<td>2005</td>
<td>Revise</td>
<td></td>
<td>Enrollment has dropped since the end of the FastTrack funding. The plan is to combine elements of Instrumentation Technology, Power Generation and Safety, Health, and Environmental Awareness into a single certificate.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Power Generation Certificate</td>
<td>17</td>
<td>2007</td>
<td>Revise</td>
<td></td>
<td>Enrollment has dropped since the end of the FastTrack funding. The plan is to combine elements of Instrumentation Technology, Power Generation and Safety, Health, and Environmental Awareness into a single certificate.</td>
</tr>
<tr>
<td>CRCD</td>
<td>Process Technology AAS</td>
<td>112</td>
<td>2001</td>
<td>Continue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRCD</td>
<td>Safety, Health, and Environmental Awareness Certificate</td>
<td>28</td>
<td>2005</td>
<td>Revise</td>
<td></td>
<td>Enrollment has dropped since the end of the FastTrack funding. The plan is to combine elements of Instrumentation Technology, Power Generation and Safety, Health, and Environmental Awareness into a single certificate.</td>
</tr>
</tbody>
</table>

College Abbreviations: College of Liberal Arts = CLA; College of Rural and Community Development = CRCD.
*Graduates are counted for the academic year ending in the specified year.
Academic Program Review at UAA

Academic Program Review at UAA aligns with NWCCU institutional accreditation standards, which emphasize planning, assessing effectiveness, and making improvements to the institution and its programs and services. The process complies with University Regulation 10.06.010.B. and examines: mission and alignment; centrality of mission and supporting role; coordination across campuses; program demand, efficiency, and productivity; and program quality and improvement. The UAA process includes review at the level of the faculty, individual deans/directors, and the deans/directors as a group. The deans/directors confirm the findings and recommend a smaller subset of programs for extended review. Extended reviews are completed by the end of the academic year and include specific recommendations to the Provost.

Academic Program Review in AV13

In AV13 UAA conducted Program Reviews for 22 programs, resulting in the following decisions: one program will be enhanced, one program will be revised, thirteen programs will continue without required changes, five programs will undergo continued review, one program will be suspended, and one program will be deleted. Please see the attached for an accounting of the specific programs and decisions.

The program scheduled for enhancement, the AAS in Apprenticeship Technologies offered in Anchorage, is in high demand by the Alaska Department of Labor. The faculty has made a number of recommendations for improvement, scheduled for AV14, and a TVEP request has been submitted.

The program scheduled for revision, the AAS in Business Computer Information Systems, will require reallocation of internal resources within the college.

The suspension and deletion decisions will have minimal impact on resources. The Graduate Certificate in Supply Chain Management is currently suspended and will be reviewed again in AV14, due to lack of current demand. The Undergraduate Certificate in Small Business Management offered at Kenai Peninsula College is scheduled to be deleted in AV14, due to lack of demand. No unique resources are currently assigned to this program, as many of the courses are required for the General Business AAS.

Summary of AV13 Academic Program Review Outcomes: Decisions relate to specific degrees.

<table>
<thead>
<tr>
<th>Decision</th>
<th>Number of Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enhancement</td>
<td>1</td>
</tr>
<tr>
<td>Continuation</td>
<td>13</td>
</tr>
<tr>
<td>Revision</td>
<td>1</td>
</tr>
<tr>
<td>Continued Review</td>
<td>5</td>
</tr>
<tr>
<td>Suspension</td>
<td>1</td>
</tr>
<tr>
<td>Deletion</td>
<td>1</td>
</tr>
</tbody>
</table>

Reviews Scheduled In Current Five-Year Cycle: Similar degrees within departments are reviewed together.

<table>
<thead>
<tr>
<th>Summary</th>
<th>Percent of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reviews Scheduled</td>
<td>16%</td>
</tr>
<tr>
<td>AY14</td>
<td>21</td>
</tr>
<tr>
<td>AY15</td>
<td>57</td>
</tr>
<tr>
<td>AY16</td>
<td>45</td>
</tr>
<tr>
<td>AY17</td>
<td>2</td>
</tr>
<tr>
<td>AY18</td>
<td>8</td>
</tr>
<tr>
<td>Total</td>
<td>133</td>
</tr>
</tbody>
</table>

*Change in total #s from AV12 report due to program status changes (suspension, deletion, initiation).
<table>
<thead>
<tr>
<th>College</th>
<th>Program</th>
<th>Program Initiation Year</th>
<th>Grads in Last Five Years (AY08-AY12)</th>
<th>Decision Type*</th>
<th>Explanation and Date of Next Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS</td>
<td>Associate of Arts, AA</td>
<td>1987</td>
<td>593</td>
<td>Continuation</td>
<td>Serves as important stand-alone as well as pathways degree. AY18</td>
</tr>
<tr>
<td>CBPP</td>
<td>Accounting, AAS</td>
<td>In catalog since 1976</td>
<td>75</td>
<td>Continuation</td>
<td>Responds to high credit hour and industry demand. AY15</td>
</tr>
<tr>
<td>CBPP</td>
<td>Accounting, BBA</td>
<td>In catalog since 1976</td>
<td>242</td>
<td>Continuation</td>
<td>Responds to high credit hour and industry demand. AY15</td>
</tr>
<tr>
<td>CBPP</td>
<td>Business Computer Information Systems, AAS</td>
<td>1991</td>
<td>17</td>
<td>Revision</td>
<td>Requires revision to better meet student and industry needs. AY15</td>
</tr>
<tr>
<td>CBPP</td>
<td>Logistics &amp; Supply Chain Operations, OEC</td>
<td>2007</td>
<td>35</td>
<td>Continuation</td>
<td>Has potential to contribute content to general CBPP business program. AY16</td>
</tr>
<tr>
<td>CBPP</td>
<td>Logistics &amp; Supply Chain Operations, Undergrad Cert</td>
<td>2001</td>
<td>16</td>
<td>Continuation</td>
<td>Has potential to contribute content to general CBPP business program. AY16</td>
</tr>
<tr>
<td>CBPP</td>
<td>Logistics &amp; Supply Chain Operations, AAS</td>
<td>2001</td>
<td>11</td>
<td>Continuation</td>
<td>Has potential to contribute content to general CBPP business program. AY16</td>
</tr>
<tr>
<td>CBPP</td>
<td>Global Logistics &amp; Supply Chain Management, BBA</td>
<td>1999</td>
<td>62</td>
<td>Continuation</td>
<td>Has potential to contribute content to general CBPP business program. AY16</td>
</tr>
<tr>
<td>CBPP</td>
<td>Global Supply Chain Management, MS</td>
<td>2000</td>
<td>22</td>
<td>Continuation</td>
<td>Implemented successful cohort approach. AY16</td>
</tr>
<tr>
<td>CBPP</td>
<td>Supply Chain Management, Grad Cert</td>
<td>2006</td>
<td>4</td>
<td>Suspended</td>
<td>Low demand. MS proven more valuable for students. N/A</td>
</tr>
<tr>
<td>CBPP</td>
<td>Management Information Systems, BBA</td>
<td>1989</td>
<td>48</td>
<td>Continuation</td>
<td>Could infuse new content to better meet student and industry needs. AY16</td>
</tr>
<tr>
<td>CBPP</td>
<td>Small Business Administration, AAS</td>
<td>1991</td>
<td>61</td>
<td>Continuation</td>
<td>Maintains stable enrollment and completion rates. Responds to small business owners. AY18</td>
</tr>
<tr>
<td>CTC</td>
<td>Apprenticeship Technologies, AAS</td>
<td>1997</td>
<td>19</td>
<td>Enhancement</td>
<td>High demand for the Alaska Department of Labor. AY18</td>
</tr>
<tr>
<td>HON</td>
<td>49th State Fellows Program</td>
<td>2005</td>
<td>13</td>
<td>Continued Review</td>
<td>Requires response to special review committee recommendations. AY15</td>
</tr>
<tr>
<td>HON</td>
<td>Core Seminar Program</td>
<td>N/A</td>
<td>71</td>
<td>Continued Review</td>
<td>Requires response to special review committee recommendations. AY15</td>
</tr>
<tr>
<td>HON</td>
<td>Natural and Complex Systems Program</td>
<td>N/A</td>
<td>0</td>
<td>Continued Review</td>
<td>Requires response to special review committee recommendations. AY15</td>
</tr>
<tr>
<td>HON</td>
<td>Undergraduate Research</td>
<td>N/A</td>
<td>N/A</td>
<td>Continued Review</td>
<td>Requires response to special review committee recommendations. AY15</td>
</tr>
<tr>
<td>KPC</td>
<td>Corrections, OEC</td>
<td>2009</td>
<td>3</td>
<td>Continuation</td>
<td>Requires further review. Field is constantly changing. AY15</td>
</tr>
<tr>
<td>KPC</td>
<td>Corrections, Undergrad Cert</td>
<td>2009</td>
<td>2</td>
<td>Continuation</td>
<td>Requires further review. Field is constantly changing. AY15</td>
</tr>
<tr>
<td>KPC</td>
<td>Digital Art, AAS</td>
<td>2006</td>
<td>5</td>
<td>Continued Review</td>
<td>Requires further review. Field is constantly changing. AY15</td>
</tr>
<tr>
<td>KPC</td>
<td>General Business, AAS</td>
<td>2005</td>
<td>53</td>
<td>Continuation</td>
<td>Demonstrates increase in credit hours and enrollment. AY17</td>
</tr>
<tr>
<td>KPC</td>
<td>Small Business Management, Undergrad Cert</td>
<td>1984</td>
<td>8</td>
<td>Deletion</td>
<td>No demand. N/A</td>
</tr>
</tbody>
</table>
University of Alaska Southeast
Report on Academic Program Reviews—AY12-13

UA Board of Regents—September 2013

Academic Program Reviews at UAS

The University of Alaska Southeast's mission, values, and core themes emphasize the importance of both academic excellence and accountability. Program reviews, required by Board of Regents policy, are an integral part of our practice to ensure that we meet that mission. Regents' policy calls for such reviews at least every five years and more frequently as the need arises (BOR P10.06.010 [B]—Academic Program Review).

In conformance with this expectation, UAS regularly conducts reviews of its academic programs to determine their overall effectiveness. All programs are scheduled for review at least every five years. The current schedule for review is found at http://www.uas.alaska.edu/provost/docs/program-review/programreviewtable.pdf

The review process includes participation from program faculty and staff, administrators, discipline experts, and industry/community representatives. It concludes with a final decision by the UAS Provost, with concurrence from the UAS Chancellor. Special reviews outside of the five year cycle may be conducted as determined by university leadership.

Reviews focus on the program’s centrality to UAS and UA missions, evidence of quality teaching and learning, graduation effectiveness, success of graduates in securing employment or advancing their educational goals, community engagement, adequacy of available resources (e.g. faculty, staff, facilities), alignment with related programs at UAS and across UAA, and program elements requiring improvement. Reviews offer an opportunity to celebrate successful programs and to identify ways to build on that success. Reviews also offer an opportunity to look critically at program needs, challenges, and weaknesses—to suggest changes, to reallocate resources internally, or to propose eliminating a program altogether.

Academic Program Reviews Completed in AY12-13

In line with its published schedule, UAS conducted three Program Reviews in academic year 12-13:

- Associate of Applied Sciences—Computer Information and Office Systems
- Associate of Applied Sciences—Health Sciences
- Bachelor of Liberal Arts (B.L.A.)

<table>
<thead>
<tr>
<th>Academic Program</th>
<th>Decision</th>
<th>Summary of Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAS Computer Information and Office Systems</td>
<td>Suspension: Recommend program teach-out and deletion</td>
<td>- Suspend admission to AAS and Certificate; develop teach-out strategy for existing students &amp; notify NWCCU</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Add new emphasis in 'Management Information Systems' to existing BBA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Anticipate request to BOR for AAS and Certificate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>deletion once teach-out is complete (expected 2015)</td>
</tr>
<tr>
<td>AAS Health Sciences</td>
<td>Continuation with possible</td>
<td>- Continue AAS Health Sciences with improvements in marketing and visibility</td>
</tr>
<tr>
<td></td>
<td>enhancement</td>
<td>- Explore demand and requirements for a Certified Medical Assistant program in SE Alaska</td>
</tr>
<tr>
<td>Bachelor of Liberal Arts</td>
<td>Continuation</td>
<td>- Continue in current form with continued emphasis on meeting the student learning outcomes.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Improve tracking of graduates and program marketing.</td>
</tr>
</tbody>
</table>
Reviews Planned in Next Five Years

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>Reviews Scheduled</th>
<th>Percent of All Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>AY13-14</td>
<td>10</td>
<td>23%</td>
</tr>
<tr>
<td>AY14-15</td>
<td>12</td>
<td>27%</td>
</tr>
<tr>
<td>AY15-16</td>
<td>8</td>
<td>18%</td>
</tr>
<tr>
<td>AY16-17</td>
<td>5</td>
<td>11%</td>
</tr>
<tr>
<td>AY17-18</td>
<td>9</td>
<td>21%</td>
</tr>
<tr>
<td>Total</td>
<td>44</td>
<td>100%</td>
</tr>
</tbody>
</table>

UA Academic Program Review Definitions and Format

Academic Program

Degree or Certificate Program: UAS programs include Occupational Endorsements, Undergraduate Certificates, Associate degrees, baccalaureate degrees, and Master's degrees. Academic Program Review decisions are listed relative to each academic program. For example, deleting a track within a program would be considered a revision of the program. In some cases, stand-alone minors and academic departments that are not degree-granting undergo Academic Program Review at the discretion of the Provost and Dean.

Decision Types

Enhancement: Program will be enhanced with additional resources. (Areas for enhancements might include, for example, faculty or staff, curriculum, program delivery, student success initiatives, outreach and/or partnerships with the community or industry, program promotion and marketing, and facilities.)

Continuation: Program is successfully serving its students and meeting its mission and goals. No immediate changes necessary, other than regular, ongoing program improvements.

Revision: Program will be revised using existing resources, which might entail a reallocation of resources within the program. (Areas for revision might include, for example, faculty or staff workloads and assignments, curriculum, program delivery, student success initiatives, outreach and/or partnerships with the community or industry, program promotion and marketing, and facilities.)

Continued Review: Program is required to address specific issues and to undergo another review within the next two academic years.

Suspension: While decisions relative to the program are made, admissions to the program are suspended. There are a variety of reasons for suspension. These may include, among others, temporary circumstances (e.g., insufficient faculty to meet substantial enrollment increases), planned major revisions to the program (e.g., deleting a track or changing the degree level), or potential program deletion.

Deletion: Program is scheduled for deletion, a teach-out process will be developed and communicated to majors, and the program will remain in the catalog until the teach-out process is complete.

Actions

Action on results of program review: This column allows for details relative to decisions regarding the particular program.
The University of Alaska Anchorage has been accredited by the Northwest Commission on Colleges and Universities (NWCCU) since 1974. This accreditation includes the Anchorage campus, Kenai Peninsula College, Kodiak College, and Matanuska-Susitna College. Prince William Sound Community College is separately accredited by the NWCCU.

Institutional accreditation is regularly reviewed and reaffirmed by the NWCCU. This reaffirmation occurs through regular reports and site visits conducted by peer evaluators. In addition to these reports and visits, UAA also communicates regularly with the NWCCU about new programs and changes to institutional leaders and organizational structure.

Timeline
UAA’s institutional accreditation was last reaffirmed in early 2012, as the first step in a new accreditation cycle that will run from 2011-2017. The next regular report and visit in this cycle will be in Fall 2014, and will focus on Resources and Capacity.

In 2012, the NWCCU approved a substantive change to include the Joint Ph.D. degree in Clinical-Community Psychology (a joint program with the University of Alaska Fairbanks) in the university’s accreditation. The Commission will take action on the university’s candidacy status in January 2014 based on an ad hoc self-evaluation report and site visit scheduled in Fall 2013.

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year One Evaluation (Last Reaffirmation)</td>
<td>Fall 2011</td>
<td>Regular cyclical report Recommendation: The evaluation panel recommends that the University of Alaska Anchorage refine its indicators of achievement to ensure that the indicators are meaningful, direct measures of the objectives.</td>
</tr>
<tr>
<td>Ad Hoc Evaluation and Site Visit</td>
<td>Fall 2013</td>
<td>Focused report and site visit on doctoral-granting status</td>
</tr>
<tr>
<td></td>
<td>Report: 9/16/13, Visit: 10/21/13</td>
<td></td>
</tr>
<tr>
<td>Year Three Evaluation</td>
<td>Fall 2014</td>
<td>Regular cyclical report</td>
</tr>
</tbody>
</table>

Websites:
UAA Institutional Accreditation: [http://www.uaa.alaska.edu/accreditation/index.cfm](http://www.uaa.alaska.edu/accreditation/index.cfm)
PWSCC Institutional Accreditation: [http://www.pwsc.edu/administration/accreditation/](http://www.pwsc.edu/administration/accreditation/)
Northwest Commission on Colleges and Universities: [http://www.nwccu.org/](http://www.nwccu.org/)
Program Accreditation at UAA (Regents Policy 10.02.070B)

More than 60 UAA degree and certificate programs hold accreditation or approval by external agencies. Many of these programs are in disciplines with professional certification or registration requirements, such as health programs, engineering, and education. The figure below shows the relative distribution of accredited programs in the institution's academic units. The table at the end of this report provides a complete list of programs with special approval or accreditation.

Proposals to seek new program accreditation are evaluated based on criteria including the agency, eligibility requirements, benefits to the institution and students, and available resources and capacity to maintain ongoing accreditation. The Office of Academic Affairs assists programs in preparing self-studies and other accreditation communication to external agencies.

Website:
UAA Program Accreditation: [http://www.uaa.alaska.edu/accreditation/programaccred.cfm](http://www.uaa.alaska.edu/accreditation/programaccred.cfm)
UA Accreditation Definitions & Format

Institutional Accreditation: The status of public recognition that a recognized accrediting agency grants to an institution or educational program that meets its qualifying requirements and accreditation criteria. The process involves initial and periodic self-evaluation followed by an evaluation by peers.

Types of Accreditation: Each type of accreditation is awarded by a non-governmental agency recognized by the Secretary of the U.S. Department of Education. The essential purpose of the accreditation agency is to provide a professional judgment regarding the quality of the educational institution or program offered and to encourage continual institutional improvement.

Regional: Accreditation of an institution as a whole for institutions within a prescribed geographic region of the United States.

National: Accreditation of an institution as a whole for institutions that are single purpose in nature, such as business or information technology institutes, or that have a clear thematic mission, such as faith-based institutions or liberal arts colleges.

Program/Specialized: Accreditation of a unit or educational program within an institution with regard to program-specific standards. The unit may be a school, department, program, or curriculum.
### University of Alaska Anchorage Program Accreditation

The following programs have approval and/cr accreditation from agencies external to UAA.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Program</th>
<th>Accrediting Agency</th>
<th>Last Review</th>
<th>Next Scheduled</th>
<th>Accreditation Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS</td>
<td>Art BA, BFA</td>
<td>National Association of Schools of Art and Design</td>
<td>2008</td>
<td>2017</td>
<td>Ongoing</td>
</tr>
<tr>
<td>CAS</td>
<td>Biomedical (WWAMI) Program</td>
<td>Liaison Committee on Medical Education, Assoc. of</td>
<td>2010</td>
<td>2018</td>
<td>Accreditation held by</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Amer. Med. Colleges</td>
<td></td>
<td></td>
<td>University of Washington</td>
</tr>
<tr>
<td>CAS</td>
<td>Clinical-Community Psychology (Joint PhD with UAF)</td>
<td>American Psychological Association</td>
<td>2012</td>
<td>2018</td>
<td>Ongoing (jointly held with</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>UAF)</td>
</tr>
<tr>
<td>CAS</td>
<td>Journalism and Public Communications BA</td>
<td>Accrediting Council on Education in Journalism and Mass</td>
<td>2008</td>
<td>AY14</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Communication</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS</td>
<td>Music: BA in Music, BM emphasis in Music Education, BM</td>
<td>National Association of Schools of Music</td>
<td>2013</td>
<td>AY22</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td>Performance</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CBPP</td>
<td>BBA in Accounting, Economics, Finance, Global Logistics</td>
<td>Association to Advance Collegiate Schools of Business -</td>
<td>2010</td>
<td>2015</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td>and Supply Chain Management, Management, Management Information</td>
<td>International</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Systems, and Marketing; BA Economics; MBA; MS Global Supply Chain</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Management</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CBPP</td>
<td>Small Business Development Center</td>
<td>Association of Small Business Development Centers</td>
<td>2008</td>
<td>2012</td>
<td>Awaiting notification from</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>last review</td>
</tr>
<tr>
<td>COE</td>
<td>Early Childhood Development AAS</td>
<td>National Association for the Education of Young Children</td>
<td>2012</td>
<td>2012</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td>Early Childhood BA; Early Childhood Special Education MEd; Ed Leadership</td>
<td>Commission on Early Childhood Associate Degree Accreditation</td>
<td>2012</td>
<td>2012</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEd and grad cert (principal &amp; superintendent); Elementary Education</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BA and post-baccalaureate certificate; MA in Teaching, Secondary</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>emphases (English/Lang Arts, Math, Science, Social Studies); Special</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Education Grad Cert</td>
<td></td>
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</tr>
<tr>
<td>COE</td>
<td>Dental Assisting Certificate, AAS; Dental Hygiene AAS</td>
<td>National Council for Accreditation of Teacher Education; AK</td>
<td>2010</td>
<td>2017</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Department of Education and Early Development</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COH</td>
<td>Fire and Emergency Services Technology courses</td>
<td>Commission on Dental Accreditation of the American Dental</td>
<td>2008</td>
<td>2014</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Association</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COH</td>
<td>Human Services AAS, BHS</td>
<td>State of Alaska Department of Public Safety, Division of</td>
<td>See notes</td>
<td>See notes</td>
<td>Pursuing certification for</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fire and Life Safety, Training and Education Bureau</td>
<td></td>
<td></td>
<td>specific courses</td>
</tr>
<tr>
<td>COH</td>
<td>Legal Studies BA; Legal Nurse Consultant Undergraduate Certificate;</td>
<td>Council for Standards in Human Services Education</td>
<td>2009</td>
<td>2014</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td>Paralegal Studies AAS and Post-Baccalaureate Certificate; Paralegal</td>
<td>American Bar Association</td>
<td>2011</td>
<td>2016</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td>Studies undergraduate cert being phased out</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COH</td>
<td>Medical Assisting AAS</td>
<td>AAMAE Commission on Accreditation of Allied Health Education</td>
<td>2008</td>
<td>2016</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Programs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit</td>
<td>Program</td>
<td>Accrediting Agency</td>
<td>Last Review</td>
<td>Next Scheduled</td>
<td>Accreditation Status</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
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<td>-----------------------------------------------</td>
</tr>
<tr>
<td>COH</td>
<td>Medical Laboratory Technology AAS</td>
<td>National Accrediting Agency for Clinical Laboratory Sciences</td>
<td>2007</td>
<td>AY14</td>
<td>Ongoing</td>
</tr>
<tr>
<td>COH</td>
<td>Medical Laboratory BS</td>
<td>Accreditation Commission for Education in Nursing; Alaska Board of Nursing</td>
<td>2009</td>
<td>2017</td>
<td>Ongoing</td>
</tr>
<tr>
<td>COH</td>
<td>Nursing: AAS, BS, MS, Post-Master Cert</td>
<td>Accreditation Council for Occupational Therapy Education</td>
<td>2010</td>
<td>2015</td>
<td>Accreditation held by Creighton University</td>
</tr>
<tr>
<td>COH</td>
<td>Occupational Therapy</td>
<td>Council on Education for Public Health</td>
<td>2009</td>
<td>2014</td>
<td>Ongoing</td>
</tr>
<tr>
<td>COH</td>
<td>Public Health MPH</td>
<td>Council on Social Work Education</td>
<td>2010</td>
<td>2018</td>
<td>Ongoing</td>
</tr>
<tr>
<td>COH</td>
<td>Social Work BSW &amp; MSW</td>
<td>National Automotive Technicians Education Foundation</td>
<td>2011</td>
<td>2014</td>
<td>Ongoing</td>
</tr>
<tr>
<td>CTC</td>
<td>Automotive and Diesel Medium/Heavy Truck Programs (AAS in Heavy Duty</td>
<td>Federa Aviation Administration (FAA)</td>
<td>2011</td>
<td>2013</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td>Transportation &amp; Equipment; AAS &amp; Cert in Automotive Tech)</td>
<td>Federa Aviation Administration (FAA)</td>
<td>1993</td>
<td>Continuous</td>
<td>Ongoing</td>
</tr>
<tr>
<td>CTC</td>
<td>Aviation- Flight School</td>
<td>American Council for Construction Education (ACCE)</td>
<td>2012</td>
<td>2017</td>
<td>Ongoing</td>
</tr>
<tr>
<td>CTC</td>
<td>Professional Piloting: AAS &amp; emphasis in the BS Aviation Technology</td>
<td>Accreditation Council for Education in Nutrition and Dietetics (ACEND), accrediting agency for the Academy of Nutrition and Dietetics</td>
<td>2010</td>
<td>2015</td>
<td>Ongoing</td>
</tr>
<tr>
<td>CTC</td>
<td>Aviation- Maintenance School</td>
<td>Accreditation Council for Education in Nutrition and Dietetics (ACEND), accrediting agency for the Academy of Nutrition and Dietetics</td>
<td>2010</td>
<td>2014</td>
<td>Candidacy granted, review in 2014</td>
</tr>
<tr>
<td>CTC</td>
<td>AMT Programs - Cert &amp; AAS</td>
<td>Accreditation Council for Education in Nutrition and Dietetics (ACEND), accrediting agency for the Academy of Nutrition and Dietetics</td>
<td>2010</td>
<td>2014</td>
<td>Candidacy granted, review in 2014</td>
</tr>
<tr>
<td>CTC</td>
<td>Construction Management AAS and BS</td>
<td>Accreditation Council for Education in Nutrition and Dietetics (ACEND), accrediting agency for the Academy of Nutrition and Dietetics</td>
<td>2010</td>
<td>2014</td>
<td>Candidacy granted, review in 2014</td>
</tr>
<tr>
<td>CTC</td>
<td>Dietetics Internship Graduate Certificate</td>
<td>Accreditation Council for Education in Nutrition and Dietetics (ACEND), accrediting agency for the Academy of Nutrition and Dietetics</td>
<td>2010</td>
<td>2014</td>
<td>Candidacy granted, review in 2014</td>
</tr>
<tr>
<td>CTC</td>
<td>Dietetics BS</td>
<td>Accreditation Council for Education in Nutrition and Dietetics (ACEND), accrediting agency for the Academy of Nutrition and Dietetics</td>
<td>2010</td>
<td>2014</td>
<td>Candidacy granted, review in 2014</td>
</tr>
<tr>
<td>MSC/</td>
<td>Paramedical Technology AAS</td>
<td>Committee on Accreditation of Educational Programs for the EMS Professions</td>
<td>See notes</td>
<td>See notes</td>
<td>Ongoing: Waiting acceptance of application for initial accreditation</td>
</tr>
<tr>
<td>KPC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOE</td>
<td>Civil Engineering BS</td>
<td>Engineering Accreditation Commission of ABET</td>
<td>2013</td>
<td>2017</td>
<td>Ongoing</td>
</tr>
<tr>
<td>SOE</td>
<td>Computer Science BS</td>
<td>Computing Accreditation Commission of ABET</td>
<td>2011</td>
<td>2015</td>
<td>Ongoing</td>
</tr>
<tr>
<td>SOE</td>
<td>Engineering BSE (Computer Science Engineering; Electrical Engineering;</td>
<td>Engineering Accreditation Commission of ABET</td>
<td>2013</td>
<td>2017</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td>and Mechanical Engineering emphases)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOE</td>
<td>Geomatics BS</td>
<td>Applied Science Accreditation Commission of the Accreditation Board for Engineering and Technology</td>
<td>2013</td>
<td>2017</td>
<td>Ongoing</td>
</tr>
<tr>
<td>SOE</td>
<td>Project Management MS</td>
<td>Project Management Institute Global Accreditation Center for Project Management Education Programs</td>
<td>2007</td>
<td>2014</td>
<td>Ongoing</td>
</tr>
<tr>
<td>PWSCC</td>
<td>Industrial Technology AAS Millwright Emphasis</td>
<td>National Center for Construction Education and Research</td>
<td>2011</td>
<td>2014</td>
<td>Ongoing: Alyeska Pipeline is the training sponsor</td>
</tr>
</tbody>
</table>
Institutional and Programmatic Accreditation
Report to the UA Board of Regents - September 2013

Institutional Accreditation at UAF (Regents Policy 10.02.070A)

The University of Alaska Fairbanks has been accredited by the Northwest Commission on Colleges and Universities (NWCCU) since 1934. This accreditation includes the Fairbanks campus, as well as the Interior-Aleutians Campus, Community and Technical College, Chukchi Campus, Northwest Campus, Kuskokwim Campus and Bristol Bay Campus.

Institutional accreditation is regularly reviewed and reaffirmed by the NWCCU. This reaffirmation occurs through regular reports and site visits conducted by peer evaluators. In addition to these reports and visits, the institution also communicates regularly with the NWCCU about new programs and changes to institutional leaders and organizational structure.

UAF's institutional accreditation was last reaffirmed in early 2013, based on the Fall 2012 Year One Mission and Core Themes evaluation. The next regular report in this cycle will be in Fall 2014, which will be an overview and update to the Year One report and focus on Resources and Capacity.

In spring 2012, the NWCCU approved a substantive change to include the Joint Ph.D. degree in Clinical-Community Psychology (a joint program with the University of Alaska Anchorage) in the university's accreditation. Formerly this program was delivered collaboratively by UAA and UAF, but the Ph.D. was awarded by UAF since UAA was not yet accredited to award doctoral degrees.

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
<th>Description</th>
<th>Synopsis of Recommendations¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive Peer</td>
<td>February 2012</td>
<td>Based on Comprehensive Self Evaluation Report</td>
<td>Better align institutional planning, evaluation, and resource allocation with institutional Core Themes and Objectives; Improve student learning outcomes assessment.</td>
</tr>
<tr>
<td>Evaluation, Reaffirmation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Reaffirmation</td>
<td>February 2013</td>
<td>Based on Year One Self-Evaluation Report</td>
<td>None</td>
</tr>
<tr>
<td>Next Regular Report</td>
<td>Fall 2014</td>
<td>Regular Cyclic Report</td>
<td></td>
</tr>
</tbody>
</table>

Websites:
UAF Institutional Accreditation: http://www.uaf.edu/accreditation/
Northwest Commission on Colleges and Universities: http://www.nwccu.org/

¹ These are included verbatim at the end of the report.
Program Accreditation at UAF (Regents Policy 10.02.070B)

More than 35 UAF degree and certificate programs hold accreditation or approval by external agencies with more working towards specialized accreditation. Many of these programs are in disciplines with professional certification or registration requirements, such as engineering, education, and business. The figure below shows the relative distribution of accredited programs in the institution’s academic units. The table at the end of this report provides a complete list of programs with special approval or accreditation.

![Specialized Accreditation by Unit](chart)

Includes some external reviews that do not lead to formal accreditation

Proposals to seek new program accreditation are evaluated based on criteria including the agency, eligibility requirements, benefits to the institution and students, and available resources and capacity to maintain ongoing accreditation. The Office of the Provost and the Accreditation Liaison Officer coordinate and monitor specialized accreditation efforts.

**Website:**
UAF Program Accreditation  [http://www.uaf.edu/accreditation](http://www.uaf.edu/accreditation)
Accreditation Definitions

Institutional Accreditation: The status of public recognition that a recognized accrediting agency grants to an institution or educational program that meets its qualifying requirements and accreditation criteria. The process involves initial and periodic self-evaluation followed by an evaluation by peers.

Types of Accreditation: Each type of accreditation is awarded by a non-governmental agency recognized by the Secretary of the U.S. Department of Education. The essential purpose of the accreditation agency is to provide a professional judgment regarding the quality of the educational institution or program offered and to encourage continual institutional improvement.

Regional: Accreditation of an institution as a whole for institutions within a prescribed geographic region of the United States. [UAF is regionally accredited.]
National: Accreditation of an institution as a whole for institutions that are single purpose in nature, such as business or information technology institutes, or that have a clear thematic mission, such as faith-based institutions or liberal arts colleges. [Does not apply to UA.]
Program/Specialized: Accreditation of a unit or educational program within an institution with regard to program-specific standards. The unit may be a school, department, program, or curriculum.

UAF’s specialized accreditations and other external reviews of similar intent and scope are summarized in the table on the following pages. Note that the various organizations conducting these reviews use varying terminology. In some cases, a ‘recommendation’ is a significant deficiency in the institution’s performance relative to an accreditation standard, and requires correction to maintain accreditation. In other cases, a recommendation is simply a suggestion for improvement. Some reviews use “weakness”, “deficiency”, or “citation” to indicate deficiencies in performance relative to accreditation standard. In the table, the original language in the reviews is used for the most part.
# University of Alaska Fairbanks Program Accreditation

The following programs have approval and/or accreditation from agencies external to UAF. The “Notes” column indicates where departments are in the process of obtaining initial accreditation, or where the accreditation is held or jointly held by a partner institution.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Program</th>
<th>Accrediting Agency</th>
<th>Date of Last Review</th>
<th>Date of Next Review</th>
<th>Notes</th>
<th>Summary of Significant Findings</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEM</td>
<td>Civil Engineering, BS</td>
<td>Engineering Accreditation Commission of ABET</td>
<td>2012</td>
<td>2014</td>
<td>Six year interval is the maximum, a shorter interval indicates a focused, interim review on specific findings.</td>
<td>Accreditation continued; student learning outcomes assessment needs improvement.</td>
</tr>
<tr>
<td>CEM</td>
<td>Computer Engineering, BS</td>
<td>Engineering Accreditation Commission of ABET</td>
<td>2012</td>
<td>2018</td>
<td></td>
<td>Accreditation continued; no unresolved weaknesses.</td>
</tr>
<tr>
<td>CEM</td>
<td>Computer Science, BS</td>
<td>Computing Accreditation Commission</td>
<td>2012</td>
<td>2014</td>
<td></td>
<td>Accreditation continued. For the next review the program must address a weakness, that there was no clear evidence of courses addressing social, ethical, and legal issues related to the computing discipline. The program must also address the weakness that student learning outcomes data have not been systematically collected, and student outcomes must be evaluated and necessary changes implemented for continuous program improvement.</td>
</tr>
<tr>
<td>CEM</td>
<td>Electrical Engineering, BS</td>
<td>Engineering Accreditation Commission of ABET</td>
<td>2012</td>
<td>2018</td>
<td></td>
<td>Accreditation continued; no unresolved weaknesses.</td>
</tr>
<tr>
<td>CEM</td>
<td>Geological Engineering, BS</td>
<td>Engineering Accreditation Commission of ABET</td>
<td>2012</td>
<td>2018</td>
<td></td>
<td>Accreditation continued; no unresolved weaknesses.</td>
</tr>
<tr>
<td>CEM</td>
<td>Engineering, BS</td>
<td>Engineering Accreditation Commission of ABET</td>
<td>2012</td>
<td>2018</td>
<td></td>
<td>Accreditation continued; no unresolved weaknesses.</td>
</tr>
<tr>
<td>CEM</td>
<td>Mining Engineering, BS</td>
<td>Engineering Accreditation Commission of ABET</td>
<td>2012</td>
<td>2014</td>
<td>Six year interval is the maximum, a shorter interval indicates a focused, interim review on specific findings.</td>
<td>Accreditation continued; need better documentation of and adherence to policies on waivers of course prerequisites.</td>
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</tr>
<tr>
<td>CEM</td>
<td>Petroleum Engineering, BS</td>
<td>Engineering Accreditation Commission of ABET</td>
<td>2012</td>
<td>2018</td>
<td>Accreditation continued; no unresolved weaknesses.</td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Journalism, BA</td>
<td>Accrediting Council on Education in Journalism and Mass Communication</td>
<td>2009</td>
<td>2015-16</td>
<td>A focused interim evaluation concluded in 2012. Provisional re-accreditation after the 2009 review; full reaffirmation of accreditation achieved at the last focused review in 2012.</td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Music, BA, BM, MA</td>
<td>National Association of Schools of Music</td>
<td>2010</td>
<td>2020 (comprehensive review)</td>
<td>Deferral is not a negative action. Rather, it enables consideration of issues and concerns by the institution and the Commission. Renewal decision deferred pending an additional report due October 1, 2013. The report will address policies and procedures for maintaining the health and safety of faculty, staff, and students; provide additional information on credit and transfer credit policies and procedures; and the progress toward approval of the MM (Master's of Music) degree proposal. UAF was commended for addressing mold/vapor barrier issues in the Music Wing.</td>
<td></td>
</tr>
<tr>
<td>CLA</td>
<td>Psychology, PhD</td>
<td>American Psychological Association</td>
<td>2011</td>
<td>2018</td>
<td>Joint with UAA; correspondence with APA in June 2012 concerning faculty vacancies (since largely refilled) and in September 2012 to provide additional information requested in the 2011 review. Initial Accreditation. No current recommendations requiring a response to APA before the next review.</td>
<td></td>
</tr>
<tr>
<td>CNSM</td>
<td>Chemistry, BS</td>
<td>American Chemical Society</td>
<td>2009</td>
<td>2014</td>
<td>Concentrations in Biochemistry and Environmental Chemistry available. Renewal approved. Recommendations to be addressed in the next regular review: (1) [financial] plan for repair and replacement of laboratory instrumentation; (2) more complete description of student laboratory experiences in modern instrumental methods; (3) ensure that all portions of the report are up-to-date and consistent.</td>
<td></td>
</tr>
<tr>
<td>Program</td>
<td>Accreditation Body</td>
<td>Start Year</td>
<td>End Year</td>
<td>Status and Notes</td>
<td></td>
<td></td>
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<tr>
<td>-------------------------------</td>
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<td>----------------------------------------------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>Aviation Maintenance, AAS</td>
<td>Federal Aviation Administration</td>
<td>2013</td>
<td>2014</td>
<td>The new hangar facility received very high marks.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Culinary Arts, AAS</td>
<td></td>
<td></td>
<td></td>
<td>Renewal approved. No significant deficiencies. The curriculum was found to have a few minor deficiencies with the most current FAA guidance. The Approved Operations Manual was amended as required to address that.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dental Hygiene, AAS</td>
<td>Commission on Dental Accreditation</td>
<td>2009</td>
<td>2016</td>
<td>Working toward accreditation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early Education, AAS, BA</td>
<td></td>
<td></td>
<td></td>
<td>Reaffirmed without reporting requirements in 2011, after responses to the 2009 review.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Assistant, Cert.</td>
<td>Commission on Accreditation of Allied Health Education Programs</td>
<td>2006</td>
<td>2016</td>
<td>The program outcomes are also regularly reviewed by the Medical Assisting Education Review Board. UAF has consistently met the outcome thresholds.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paralegal, AAS</td>
<td>American Bar Association</td>
<td>2008</td>
<td>2015</td>
<td>Approved. Most of the recommendations appear to be routine rather than directed at the CTC program in particular. No interim response was required. CTC already is and was in compliance with all of them except that several recommendations regarding the paralegal law library were made. However, since the last reapproval, the ABA has significantly reduced its requirements for maintaining a law library for programs that provide unlimited student access to Lexis or Westlaw, both of which provide online legal research capability for students. Each UAF/CTC paralegal student has a personal, unlimited password for use with Lexis.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Institution</td>
<td>Program Details</td>
<td>Accreditation Year</td>
<td>Follow-up Year</td>
<td>Report Details</td>
<td></td>
<td></td>
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<td>-------------</td>
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<td></td>
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</tr>
<tr>
<td>CTC</td>
<td>Paramedic Academy, AAS</td>
<td>2012 site visit 2017</td>
<td>An interim report addressing the citations has been submitted (due September 1, 2013). Accreditation renewed. There were six citations, including: (1) No meetings of the advisory committee, and committee not fully representative of interest groups. (2) Preceptor training program not documented. (3) Medical director needs to document his review and approval of student progress. (4) Pediatrics not broken down into age subgroups. (5) Internships were not followed by a summative exam. (6) No functional job analysis (for the jobs for which training is offered) was available.</td>
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</tr>
<tr>
<td>CTC</td>
<td>Process Technology, AAS</td>
<td>2010 2014</td>
<td>APICC is not an accrediting organization but rather could be characterized as an external reviewer. Full audits performed approximately 3-4 years. There is yearly review by APICC of courses offered. APICC provided recommendations for improvement, rather than recommendations that required correction and response. These included (1) re-establish regional advisory committee; (2) establish a formal relationship with Hutchison High School and FNSBSD (this may be unnecessary now that Process Technology no longer occupies space in HHS); (3) establish a professional development and recognition plan for faculty; (4) utilize Blackboard and coordinate with KPC and KPC Anchorage Extension on distance learning and sharing of other resources/materials; (5) adopt program-wide quality control standards; (6) Increase emphasis in electrical codes, operator interface displays and distributive control systems. Strengths noted in the review included the partnership with the UAF power plant and Golden Heart Utilities Wastewater Treatment Plant for student internships; an embedded safety culture; and a strong emphasis on employability skills.</td>
<td></td>
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<tr>
<td>CTC</td>
<td>Alaska Process Industry Careers Consortium</td>
<td>2010 2014</td>
<td>APICC is not an accrediting organization but rather could be characterized as an external reviewer. Full audits performed approximately 3-4 years. There is yearly review by APICC of courses offered. APICC provided recommendations for improvement, rather than recommendations that required correction and response. These included (1) re-establish regional advisory committee; (2) establish a formal relationship with Hutchison High School and FNSBSD (this may be unnecessary now that Process Technology no longer occupies space in HHS); (3) establish a professional development and recognition plan for faculty; (4) utilize Blackboard and coordinate with KPC and KPC Anchorage Extension on distance learning and sharing of other resources/materials; (5) adopt program-wide quality control standards; (6) Increase emphasis in electrical codes, operator interface displays and distributive control systems. Strengths noted in the review included the partnership with the UAF power plant and Golden Heart Utilities Wastewater Treatment Plant for student internships; an embedded safety culture; and a strong emphasis on employability skills.</td>
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<tr>
<td>Program</td>
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<td>Accreditation Year</td>
<td>Accreditation Status</td>
<td>Notes</td>
<td></td>
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<tr>
<td>Elementary Education, BA</td>
<td>Council for the Accreditation of Educator Preparation</td>
<td>2010, 2016</td>
<td>External accrediting agency reorganized and renamed, effective July 1, 2013</td>
<td>Re-accredited. All accreditation standards were met. Some areas for improvement were noted and these will be a focus of the 2016 review. (1) There were several areas in which student learning outcomes assessment needs improvement; (2) Some advanced programs lack field experiences (Advanced programs are those serving licensed teachers); (3) Some advanced programs do not prepare students to work with special needs children. (4) Not all teacher education programs at UAF were overseen by School of Education. This refers to the Music Education Program within the Music Department.</td>
<td></td>
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<tr>
<td>Elementary Post Baccalaureate Teacher Licensure, Post Baccalaureate Cert.</td>
<td>Council for the Accreditation of Educator Preparation</td>
<td>2010, 2016</td>
<td>External accrediting agency reorganized and renamed, effective July 1, 2013</td>
<td>See Elementary Education above. All programs were addressed in a single accreditation review document.</td>
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<tr>
<td>K-12 Art, Post Baccalaureate Cert. Grad Cert.</td>
<td>Council for the Accreditation of Educator Preparation</td>
<td>2010, 2016</td>
<td>External accrediting agency reorganized and renamed, effective July 1, 2013</td>
<td>See Elementary Education above. All programs were addressed in a single accreditation review document.</td>
<td></td>
<td></td>
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<tr>
<td>Counseling, MEd, Post Baccalaureate Cert.</td>
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<td>See Elementary Education above. All programs were addressed in a single accreditation review document.</td>
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<tr>
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<td>Curriculum &amp; Instruction, MEd</td>
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<td>See Elementary Education above. All programs were addressed in a single accreditation review document.</td>
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<td>End Year</td>
<td>Accreditation Status and Details</td>
<td>Notes</td>
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<td>SOE</td>
<td>Elementary Education, MEd</td>
<td>Council for the Accreditation of Educator Preparation (formerly NCATE)</td>
<td>2010</td>
<td>2016</td>
<td>External accrediting agency reorganized and renamed, effective July 1, 2013</td>
<td>See Elementary Education above. All programs were addressed in a single accreditation review document.</td>
</tr>
<tr>
<td>SOE</td>
<td>Language and Literacy, MEd</td>
<td>Council for the Accreditation of Educator Preparation (formerly NCATE)</td>
<td>2010</td>
<td>2016</td>
<td>External accrediting agency reorganized and renamed, effective July 1, 2013</td>
<td>See Elementary Education above. All programs were addressed in a single accreditation review document.</td>
</tr>
<tr>
<td>SOE</td>
<td>Secondary Education, Med, Post Baccalaureate Licensure Cet.</td>
<td>Council for the Accreditation of Educator Preparation (formerly NCATE)</td>
<td>2010</td>
<td>2016</td>
<td>External accrediting agency reorganized and renamed, effective July 1, 2013</td>
<td>See Elementary Education above. All programs were addressed in a single accreditation review document.</td>
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<td>SOE</td>
<td>Music Education, BME</td>
<td>Council for the Accreditation of Educator Preparation</td>
<td>2010</td>
<td>2016</td>
<td>External accrediting agency reorganized and renamed, effective July 1, 2013</td>
<td>See Elementary Education above. All programs were addressed in a single accreditation review document.</td>
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<td>SOE</td>
<td>Special Education, Med, Post Baccalaureate Licensure</td>
<td>Council for the Accreditation of Educator Preparation (formerly NCATE)</td>
<td>2010</td>
<td>2016</td>
<td>External accrediting agency reorganized and renamed, effective July 1, 2013</td>
<td>See Elementary Education above. All programs were addressed in a single accreditation review document.</td>
</tr>
<tr>
<td>SOM</td>
<td>Accounting, BBA</td>
<td>Association to Advance Collegiate Schools of Business</td>
<td>2010</td>
<td>2014</td>
<td>Will include site visit; preparation underway</td>
<td>Re-accredited in 2011, after an interim report submitted in 2010. AACSB stated that in the interest of continuous improvement, the University of Alaska Fairbanks should closely monitor the following items, as identified within the Peer Review Team Report: (1) The Department should continue surveying graduating seniors about post-graduation employment or plans, working with the Career Services Office to refine relevant and cost-effective data gathering systems, and maintaining a common placement and alumni career database. (2) The Department should continue developing its own assurance-of-learning processes for outcomes assessment for the</td>
</tr>
<tr>
<td>SOM</td>
<td>Business Administration, BBA, MBA</td>
<td>Association to Advance Collegiate Schools of Business</td>
<td>2010</td>
<td>2014</td>
<td>Will include site visit; preparation underway</td>
<td>Re-accredited in 2011 after an interim report submitted in 2010.</td>
</tr>
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</table>

AACCDB stated that in the interest of continuous improvement, the University of Alaska Fairbanks should closely monitor the following items, as identified within the Peer Review Team Report, and incorporate them in ongoing strategic planning initiatives:

(1) The Assurance of Learning process needs sufficient time to demonstrate effectiveness in “closing the loop.”

(2) It will continue to be a challenge for SOM to attract and retain Academically
<table>
<thead>
<tr>
<th>Institution</th>
<th>Program</th>
<th>Accreditation Body</th>
<th>Start Year</th>
<th>End Year</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNRAS</td>
<td>Forest Sciences, BS</td>
<td>Society of American Foresters</td>
<td>2006</td>
<td>2016</td>
<td>In 2016 UAF anticipates loss of specialized accreditation, or at best probationary status, due to SNRAS finances not allowing replacement of key faculty. A current curriculum revision process is likely to eliminate the Forestry option within the NRM degree. Re-accredited. There were no formal recommendations requiring a response prior to the next review.</td>
</tr>
<tr>
<td>UA</td>
<td>Museum of the North</td>
<td>American Alliance of Museums</td>
<td>2008</td>
<td>2021</td>
<td>Re-accreditation cycle change in process. The next review date would have been 2016, but the interval is being changed to 15 years. Re-accredited. There were no formal recommendations requiring a response prior to the next review. Areas for improvement that will be examined in the next review include planning and integration across departments; systematic assessment of needs for funding; space, faculty, and staff; further refinement of collections management policies and practices; and staff diversity.</td>
</tr>
</tbody>
</table>
Northwest Commission on Colleges and Universities
Accreditation Commendations and Recommendations

Institutional Accreditation – Comprehensive Peer Evaluation Report, Fall 2011

Commendations

1. The Evaluation Committee commends UAF for the thorough and inclusive nature of their development of institutional Core themes involving a broad range of UAF constituencies and their deliberative identification of measurable indicators and objectives that help define mission fulfillment.

2. The Evaluation Committee commends UAF for their continuing, unwavering commitment to serving Native and rural populations across the state through effective educational programming that is responsive to local community and state needs. That commitment also includes the collaborative establishment and operation of community partnerships that help sustain Alaska's rural economy.

3. In recognition of UAF's unique location in the circumpolar North, the Evaluation Committee commends the institution for the depth and breadth of its activities focused around Alaska, the circumpolar North and their diverse peoples that encompass high quality educational, research and outreach programs.

Recommendations

1. The Evaluation Committee recommends that UAF coordinate its planning and evaluation processes of Core themes in a systematic manner to help ensure that the institution's programs and services align with the accomplishment of the Core themes' objectives. (Standard 3.B.1 and 3.B.2 - Core Theme Planning, and Standard 4.A.1 - Assessment)

2. The Evaluation Committee recommends that UAF evaluate its resource allocation processes and institutional capacity relative to its Core themes' objectives to help ensure adequacy, effectiveness and sustainability of its programs and services (Standard 5.B.2 - Adaptation and Sustainability)

3. The Evaluation Committee recommends that UAF systematically implement and execute its educational assessment plan to consistently achieve identified program and degree learning outcomes and that assessment results be used to guide program improvement. (Standard 4.A.3 - Assessment)

Institutional Accreditation – Year 1 Report, Fall 2012

Commendations

1. The University of Alaska Fairbanks has made very significant improvements in its planning and evaluation processes, addressing recommendation one from the fall 2011 comprehensive peer evaluation. The approach outlined in this self-assessment report appropriately
aligns mission, core themes, objectives and indicators. The strategic plan draft provides a detailed goals and strategies to bring these changes to fruition.

Recommendations

None.
University of Alaska Southeast
Report on Institutional and Programmatic Accreditation
Report to the UA Board of Regents—September 2013

Institutional Accreditation at UAS (Regents Policy 10.02.070A)

The University of Alaska Southeast has been accredited by the Northwest Commission on Colleges and Universities (NWCCU) since 1983. This accreditation includes the Juneau, Ketchikan, and Sitka campuses.

Institutional accreditation is regularly reviewed and reaffirmed by the NWCCU. This reaffirmation occurs through regular reports and site visits conducted by peer evaluators. In addition to these reports and visits, the institution also communicates regularly with the NWCCU about substantive program changes including additions, suspensions, and deletions as well as about changes to institutional leaders and organizational structure.

Timeline
UAS's institutional accreditation was last reaffirmed in early 2012 with its submittal of a Year One report. This was the first step in a new accreditation cycle that runs from 2011-2017. The next regular report in this cycle—the Year Three report on Resources and Capacity—is being submitted in September 2013. An off-site ‘visit’ with evaluators is anticipated later in fall 2013.

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Last Reaffirmation</td>
<td>February 2012</td>
<td>Based on Year One Self-Evaluation Report</td>
</tr>
<tr>
<td>Anticipated Reaffirmation</td>
<td>Expected Fall 2013</td>
<td>Based on Year Three Self-Evaluation Report</td>
</tr>
<tr>
<td>Next Regular Report and Site Visit</td>
<td>Expected Fall 2017</td>
<td>Regular Cyclical Report</td>
</tr>
</tbody>
</table>

Websites:
UAS Institutional Accreditation: http://www.uas.alaska.edu/provost/accreditation.html
Northwest Commission on Colleges and Universities: http://www.nwccu.org/
Program Accreditation at UAS (Regents Policy 10.02.070B)

Several UAS degree and certificate programs hold specialized accreditation or approval by external agencies. These are in Teacher Education, Health Information Management, and Automotive Technology.

These programs are in disciplines with professional certification or registration requirements. The figure below shows the relative distribution of accredited programs in the institution’s academic units. The table at the end of this report provides a complete list of programs with special approval or accreditation.

Program Accreditation by Unit

Proposals to seek new program accreditation are evaluated based on criteria including the agency, eligibility requirements, benefits to the institution and students, and available resources and capacity to maintain ongoing accreditation. The Provost’s Office assists programs in preparing self-studies and other accreditation communication to external agencies.

Website:
UAS Program Accreditation: http://www.uas.alaska.edu/provost/accreditation.html
UA Accreditation Definitions & Format

Institutional Accreditation: The status of public recognition that a recognized accrediting agency grants to an institution or educational program that meets its qualifying requirements and accreditation criteria. The process involves initial and periodic self-evaluation followed by an evaluation by peers.

Types of Accreditation: Each type of accreditation is awarded by a non-governmental agency recognized by the Secretary of the U.S. Department of Education. The essential purpose of the accreditation agency is to provide a professional judgment regarding the quality of the educational institution or program offered and to encourage continual institutional improvement.

Regional: Accreditation of an institution as a whole for institutions within a prescribed geographic region of the United States.
National: Accreditation of an institution as a whole for institutions that are single purpose in nature, such as business or information technology institutes, or that have a clear thematic mission, such as faith-based institutions or liberal arts colleges.
Program/Specialized: Accreditation of a unit or educational program within an institution with regard to program-specific standards. The unit may be a school, department, program, or curriculum.
University of Alaska Southeast Program Accreditation

The following programs have approval and/or accreditation from agencies external to UAS. The “Notes” column indicates where departments are in the process of obtaining initial accreditation, or where the accreditation is held by a partner institution.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Program</th>
<th>Accreditating Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>School of Education</td>
<td>Elementary Education BA, MA in Teaching, graduate certificate; Secondary Education MA in Teaching; Educational Leadership Med; Educational Technology MEd and graduate certificate; Mathematics Education (K-8) MEd and graduate certificate; Reading Med and graduate certificate; Special Education BA, MA in Teaching (new program AY13), Med, graduate certificate; Special Education Med</td>
<td>Council for the Accreditation of Educator Preparation (CAEP—formerly NCATE) AK Department of Education and Early Development</td>
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<tr>
<td>School of Career Ed</td>
<td>Health Information Management</td>
<td>Commission on Accreditation of Allied Health Education Programs (CAAHEP)</td>
</tr>
<tr>
<td>School of Career Ed</td>
<td>Automotive Technician</td>
<td>National Automotive Technicians Education Foundation for National Institute for Automotive Service Excellence (NATEF)</td>
</tr>
</tbody>
</table>
Acknowledgments

ACKNOWLEDGMENTS

UA Board of Regents
UAA Representatives
UAA Chancellor’s Cabinet
UAA Facilities, Planning & Construction

UA CAMPUS MASTER PLAN WORKING GROUP (CMPWG) REPRESENTING:

- Chris Turletes – F&CS – Co-Chair
- John Faunce – FP&C – Co-Chair
- Lonnie Mansell – FP&C - Project Manager
- Krystal Haase - CAS
- Susan Kalina PhD – Academic Affairs
- Sarah Kirk – Faculty Senate
- Lynn Koshibama PhD – CBPP
- Dewain Lee PhD – Student Affairs
- Kathleen McCoy – University Relations
- Robert McDonnell – Business Services
- Rachel Morse – Alumni Relations
- Younger Oliver - Union of Students
- Marsha Oberlender – COH

- Eric Pedersen – Enrollment Management
- John Petrakis PhD – CAS
- Kimberly Riggs – SOE
- Jonathon Roder – Union of Students
- Stephen Rollins PhD – Library
- Dana Sample – APT Council
- Hilary Seitz PhD – COE
- Sheila Selkregg – CBPP
- Timothy Smith PhD – CAS
- Stephen Strom PhD – CTC
- Amanda Watt – Advancement
- Paula Williams PhD - Office of Sustainability

CONSULTANT TEAM

ECI/Hyer Architecture - Interiors - Planning
Anchorage, Alaska

ZGF Architects Inc.
Portland, Oregon

CRW Engineering Group, LLC
Anchorage, Alaska

Corvus Design Landscape Architecture & Planning
Anchorage, Alaska

Kittelson & Associates, Inc.
Portland, Oregon

Ira Fink & Associates, Inc.
Berkeley, California

AMC Engineers, Inc.
Anchorage, Alaska
Chancellor’s Message

September 2013

Dear Friends and Colleagues,

Welcome to the UAA Campus Master Plan 2013! This edition of our strategic campus planning document constitutes a major revision from plans in the past in both organization and methodology. We envision the campus as a collection of zones, each with its distinctive identity and purpose. New facilities are thoughtfully integrated in the most effective zone based upon a set of design guidelines. This process provides a powerful tool for the structured, yet flexible development of our campus over the next 10-20 years.

I am happy to report that this master plan takes into account a number of prominent themes advocated by UAA faculty, staff, and students, as well as the general public. These themes include using best practices for increased consolidation and density; building a more pedestrian-friendly campus; and better serving the needs of a culturally diverse student population. With this in mind, we plan to increase space for student life and student housing and create a welcoming place that embraces the intercultural and international diversity of our global community. We also seek to develop flexible space to promote innovation, collaboration, and research that will benefit Anchorage, the great state of Alaska and beyond.

Cognizant of shifting pedagogy, E-learning, and the realities of our recent economic climate we will be judicious in the new spaces we create and effective with the spaces we utilize and maintain.

I want to thank the entire Master Plan Team for the great work accomplished to develop this plan. I especially want to thank the Campus Master Plan Working Group (CMPWG) for their efforts and contributions, the ECI/Hyer Inc. Consultant Team for their professional expertise, and the entire Facilities and Campus Services staff for their management and completion of this revision.

The UAA Campus Master Plan 2013 provides the framework for a very bright future.

Thomas Case
Chancellor
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7. BIBLIOGRAPHY
The University of Alaska Anchorage has an important role in providing higher education opportunities for the State of Alaska.
Overview

Section 1

1.1 :: EXECUTIVE SUMMARY

The University of Alaska Anchorage (UAA) Master Plan serves as a framework to ensure that capital projects are planned, designed and implemented in accordance with the UAA strategic, academic, and guiding documents. It provides a vision for future development and redevelopment of the campus. It defines the inter-relationships between facilities throughout the campus and is sufficiently flexible to include unanticipated facilities. While it is not possible to know in what order or form development on campus will occur, it is possible to provide guidance that is flexible, and achieves a functional campus and attractive physical environment.

The Master Plan serves as a tool to:

- Create predictability and common expectations for campus growth and (re)development.
- Establish development expectations for stakeholders, UAA and the Anchorage community at-large.

The Master Plan is intended to be a practical reference document that will be regularly used by the Administration, Facilities Planning & Construction (FP&C), and consultants to guide all levels of decision-making for the betterment of the campus and the institution. It provides a detailed zoning analysis and design guidelines that respond to the desired future vision and characteristic of the UAA campus. The guidelines address a comprehensive set of interconnected design elements including: site, orientation, functionality, sustainability, and maintainability, as well as image and scale.

The Master Plan should be referenced and adhered to during all project phases from project planning through construction and occupancy. Proposals that depart significantly from the Master Plan shall follow the formal amendment process as outlined in the University of Alaska Bylaws of the Board of Regents.

It is the intent of the Master Plan to acknowledge current planning efforts in the community while forging an interactive relationship between UAA, its neighbors, and the Municipality of Anchorage (MOA). Suitable partnerships and complementary resources of both UAA and other groups can bring new investments to UAA, while expanding UAA’s influence and contribution to the larger Anchorage and Alaskan communities.

It is important to be clear about what is not included in the scope of this document. As a strategic master plan for UAA, it establishes the vision and guidelines for facilities and the built environment, but the identification and development of academic programs is entirely outside the scope of this document. Thus, future buildings shown are diagrammatic in nature and based on current conditions, which are to be verified through the implementation of the Master Plan during the development of a specific project.
1.2 :: MISSION

The mission of the University of Alaska Anchorage is to discover and disseminate knowledge through teaching, research, engagement, and creative expression.

Located in Anchorage and on community campuses in Southcentral Alaska, UAA is committed to serving the higher education needs of the state, its communities, and its diverse peoples.

The University of Alaska Anchorage is an open access university with academic programs leading to occupational endorsements; undergraduate and graduate certificates; and associate, baccalaureate, and graduate degrees in a rich, diverse, and inclusive environment.

Approved by the University of Alaska Board of Regents September 19, 2007

1.3 :: GUIDING DOCUMENTS

The Master Plan is a strategic document with enduring principles of campus organization that are based on the core guiding documents defining UAA and its mission. The Master Plan has its foundation in the following guiding documents:

- Strategic Direction Initiative
- UA Board of Regents Master Plan Policy – Twelve Elements
- UAA Strategic Plan 2017
- UAA Accreditation Plan 2017
- UAA Academic Master Plan 2005-2009 (update underway)
- UAA Academic Master Plan 2011-2015

It is important that the Master Plan be responsive to changes in guiding documents, rather than lagging behind them. It is recommended that an entity in the UAA administration be charged with reconvening the Campus Master Plan Working Group (CMPWG) at intervals not exceeding seven years for the purpose of deciding whether the campus master plan is sufficiently up-to-date to serve its intended purpose. This responsibility should be attached to a position, rather than an individual, so that it is not forgotten in a personnel transition. At UAA this responsibility resides with the Associate Vice Chancellor, Facilities and Campus Services.

1.4 :: PROCESS & VISION

This Master Plan updates and replaces one which was formulated in 2004 and updated in 2009. Although most of the buildings represented in the Master Plan are still in use, changes have occurred incrementally, overtaking the assumptions of the previous master plan.

At the beginning of the process a group of individuals representing the faculty, staff and students of UAA convened to form the CMPWG. Their purpose was to provide guidance for the Master Plan, represent their constituents, and advise the consultant team. The consultant team also led an extensive data collection and interview process with UAA faculty, staff, and students as well as outreach to the surrounding community. This resulted in a broad set of visions and key themes which were instrumental in the development of the Master Plan.

1.5 :: KEY THEMES

- Alaskan Native Identity
- Alumni Engagement
- Academic Pedagogy
- Collaboration
- Community Connections
- Consolidation & Density
- E-Learning
- Intercultural
- International Emphasis
- Renewal & Rejuvenation
- Research & Innovation
- Student Life
- Sustainability
- Vehicular & Pedestrian Circulation
1.6 :: CONTEXT

Alaska

The name Alaska is derived from the Aleut word “Alyeska,” meaning “great land.” Alaska was originally settled by people who crossed the Bering Land Bridge and today Alaska’s native people maintain 11 distinct cultures, speak 11 different languages and 22 different dialects.

Alaska was granted U.S. territorial status in 1912, and entered the United States on January 3, 1959 as the 49th state, with its capital at Juneau. Alaska is the largest state in the U.S. as well as the northernmost, westernmost, and easternmost state. Nearly half of the state’s population lives in Anchorage. Alaska’s economy is primarily driven by oil, tourism, and fishing.

Anchorage

Anchorage is situated between the Chugach State Park to the east, Turnagain and Knik Arms to the west and south and Joint Base Elmendorf-Richardson to the north. With its strategic location on the Pacific Rim, Anchorage is closer to Asia than any other major North American city. Anchorage is Alaska’s largest city and it is the State’s primary trade, transportation, finance, service, and administrative center.

Dena’ina Athabascan Indians first inhabited the Anchorage area. Anchorage is often called Alaska’s largest “Native Village.” Today, Anchorage’s population is around 298,000 residents with racial and ethnic minorities accounting for 27 percent of the total population. Students in the Anchorage School District speak 91 different languages at home.

U-Med

UAA lies in the U-Med District which encompasses approximately 1,100 acres within the Anchorage Bowl and is one of the fastest growing areas in the city. The MOA “Anchorage 2020: Anchorage Bowl Comprehensive Plan” designates the area as a major employment center and strongly supports the growth of UAA and its partners, including associated infrastructure important to their success. The U-Med District Framework Master Plan adopted in 2003 and currently being updated, is a collaborative planning effort between the MOA and U-Med District members. The focus of the plan is to guide area growth to support academic and medical uses while protecting valuable natural resources.
The UAA campus gains a powerful identity from its natural setting. The Chugach Mountains lie to the east and the more distant Alaska Range to the west. Creeks, lakes and bogs with stands of black spruce and birch occur on the campus, and subarctic flora and fauna inhabit the land. Within the campus are elements of iconic quality that help to organize its overall form. One of these remarkable and unifying elements is Chester Creek and its wooded margins that pass through the campus core. Nowhere else is a major university set in both a wild, northern landscape and major urban city.

UAA also has a rich institutional history dating to 1954, before Alaska gained statehood, when Anchorage Community College was founded. In 1971, it merged with the Anchorage Senior College to become a single entity: University of Alaska Anchorage. This union resulted in the linear arrangement for the campus which currently stretches a mile from Lake Otis Parkway to the northeast.
1.7 :: ENROLLMENT
It is anticipated that UAA will continue to see steady demand in programs that meet Alaska’s critical higher education needs in workforce development, especially high priority programs in health, engineering, business, teacher education, and vocational/technical fields. As these programs continue to develop, so will the demand for mathematics, science, English, and other general education requirements needed to support them.

The UAA Spring 2013 enrollment was 15,268 students. The conservative estimate is that enrollment will grow over the next twenty years at a rate of 0.0 to 0.5 percent per annum. Recent growth at UAA correlates almost directly to population growth in the Anchorage Bowl and the Matanuska-Susitna Valley. The primary focus of Student Affairs and Enrollment Services in the short term is retention, graduation, and student success. If growth does occur, it is expected to include E-Learning and physical enrollment of (1) international students, (2) a larger percentage of the graduating high school students, (3) students taking coursework for retraining and reemployment, (4) students training to meet increased needs in the natural resource sector, and (5) overall population growth.

1.8 :: FACILITY PROJECTIONS
UAA is a young university that still needs to grow in relation to its peers as indicated in the UAA Peer Space Benchmarking Study conducted by Ira Fink & Associates concurrently with the Master Plan revision. Any increase in enrollment, retention rates, or student credit hour growth will put heavy pressure on special purpose and general use infrastructure. To achieve the vision of UAA Administration and student demands for a larger traditional residential community, additional housing and student life facilities will be needed. Success in attracting top Alaska academic students through a combination of the University of Alaska scholars program, a vibrant on-campus community, high quality faculty, and an attractive student-to-faculty ratio will necessitate more infrastructure development.

The UAA zoning figure (see Section 3.1) and Capital Improvement Plan (see Section 6.3.2) as outlined in the Master Plan, reflect a consensus on the facilities that are likely to be necessary to meet academic and student life needs over the next ten years. There are many variables that could change the mix and priority of improvements. Notable among variables is a significant change in enrollment growth rates, future program development and expansion, and the unpredictability of project funding.

The Capital Improvement Plan summary is based on peer benchmarking, projections of enrollment, and the gross floor space of proposed facility additions that represent known and substantiated needs on the campus. Unfilled demands for a stronger transportation system, traditional student housing, student life facilities, and recreation must be addressed to accommodate current needs and future growth. Funding for these facilities will come from different sources, so the precise timing of each cannot be predicted. These have been identified by a consensus among senior UAA personnel as top priority projects to be built within the next ten years.

1.9 :: CAPITAL IMPROVEMENT PLAN (CIP) SUMMARY
See Section 6.3.2 for full FY 2015 C.I.P. with prioritization.

Renewal and Renovation Highlights:
• Wells Fargo Sports Center Renewal and Repurposing
• Consortium Library Old Core Mechanical Upgrades
• Fine Arts Mechanical System Renewal
• Cuddy Hall Renewal

New Construction Highlights:
• Master Plan Circulation Improvements
• Health Sciences Phase II Building and Parking Structure
• Library North Entrance
• Alaska Native Arts Program Building
• College of Education Reconfiguration/Addition and Professional Studies Building Renovation
• Ice Arena and Recreational Facility
• Student Support Services and Student Union Building
• Administration, Alumni Relations, and Visitor Center
• Student Housing

Projects in Progress (2013):
• Alaska Airlines Center
• Engineering Phase I - Engineering & Industry Lab Building
• Beatrice McDonald Building Renewal
Infrastructure

Section 2

The view from Rasmuson Hall across UAA with the Chugach Mountains beyond.
2.1 :: LAND

The natural landscape is one of the most memorable features of the UAA campus. It plays a significant role in defining the character and image of UAA and is highly valued by students, faculty, staff, and visitors. For the past three years, UAA has earned a Tree Campus USA recognition from the National Arbor Day Foundation and the National Association of State Foresters for its dedication to campus forestry management and environmental stewardship.

Most of the natural, undeveloped lands are along Chester Creek and to the north of Mosquito Lake and east of Goose Lake. These lands are generally comprised of forested uplands and wetlands. The natural areas provide for views, active and passive recreational use, and important biological and ecological functions including habitat for moose, fox, coyote, bear, raptors, fish, waterfowl, and song birds. One of the premier assets on the UAA campus is the Chester Creek riparian zone that meanders under the pedestrian Spine through the heart of campus. The creek, an anadromous fish stream (Stream Number 247 50-10050), is home to coho salmon (Oncorhynchus kisutch) and also supports rainbow trout (Oncorhynchus mykiss) and Dolly Varden char (Salvelinus malma).

**LEGEND:**

- Main Campus Area - 387 Acres
- Type A Wetlands - 8.18% - 32 Acres
- Type B Wetlands - 6.49% - 25 Acres
- Type C Wetlands - 10.24% - 40 Acres
- Leased to Anchorage School District (ASD) - 3.35% - 13 Acres
- Note :: Wetland acres based on GIS Mapping & MOA Watershed Management Mapping (Published 04/15/2003)
The native landscape presents both opportunities and constraints to development and the future growth of the campus. Chester Creek, Mosquito Lake, and Goose Lake as well as the majority of lands adjacent to them are classified as jurisdictional wetlands with values and functions important for water quality and flood control, as well as fish and wildlife migration, breeding, and habitat.

The Anchorage Wetland Management Plan classifies the wetlands as follows:

- **Class A** wetlands have the highest biological and hydrological functions and values. These wetlands are generally not to be developed, cleared or otherwise altered unless the action would restore or enhance a site’s functions and values.
- **Class B** wetlands typically have a mixture of higher and lower values and functions. The intent of the B designation is to conserve and maintain a site’s key functions and values by limited and minimizing fills and development to less critical zones while retaining higher value areas.
- **Class C** wetlands have the lowest value and are generally suitable for development to support community expansion and infilling.

The Anchorage Wetlands Management Plan also requires setbacks and buffers from water bodies, streams, and wetlands to protect wildlife corridors, sensitive riparian zones, and water quality. Setbacks and buffers generally range from 25 feet to 100 feet. All three wetland types within the campus have soil characteristics that are challenging for development due to shallow depths to the water table, areas of topographic relief, or organically rich soil.

The U.S. Army Corps of Engineers regulates discharges of dredged and/or fill material in wetlands and the Anchorage Wetlands Management Plan defines management strategies and enforceable policies. Work in anadromous streams is also regulated by the Alaska Department of Fish and Game. As part of the permitting process, applicants must include a mitigation statement that describes how impacts to waters of the U.S. have been avoided or minimized. Compensatory mitigation is required to offset unavoidable impacts and can be achieved through restoration, enhancement, establishment and/or preservation of aquatic sites, mitigation banks or in-lieu fees calculated using the Anchorage Credit/Debit Methodology.
The UAA campus has a network of walkways and multi-use trails that provide access for pedestrians, cyclists, and Nordic skiers between buildings, parking, and the greater U-Med District. Much of the non-motorized travel occurs on foot and is accommodated in the weather protected elevated walkway, commonly known as the “Spine.” The Spine provides the most direct route between many of the more popular destinations on campus. It has also evolved into a place to study or socialize along its half-mile length. The at-grade network of walkways and multi-use trails has multiple missing links and requires at-grade crossings of busy roadways such as UAA Drive. The linear layout of the UAA campus, road crossings, and lack of connectivity can lead to lengthy travel between buildings and other areas of campus.

A system of trails also meander through the northern, undeveloped portion of the UAA campus and link to the MOA trail system, Goose Lake recreation area, and private trails on the Alaska Pacific University properties. These trails provide access to the natural landscape that contribute to the unique character of the campus. Bicycle commuters also use the local trail system and roadways to reach UAA or destinations within the U-Med District.

**LEGEND:**

- **UAA**
- **Non-UAA**
- **Multi-Use Pathways (Primary)**
- **Connector Sidewalks (Secondary)**
- **Spine - Existing**
- **Transitional Node**
- **Grade Separated Crossing**
Providing safe and convenient multi-modal access to, and circulation within the campus is a priority. Through incremental densification of the campus, missing links in the at-grade pathway system and Spine will be completed, increasing connectivity and enhancing the user experience. Over time, pedestrians and bicyclists will dominate the campus, with vehicular movement and parking elegantly accommodated on the periphery. A clear hierarchy of non-motorized pathways will be developed to efficiently link users to their destinations.

- **Spine**: Primary interior walkways from which most other pathways radiate.
- **Multi-Use Pathways**: Primary exterior circulation routes from which most other pathways radiate.
- **Connector Sidewalks**: Secondary exterior circulation routes sized to accommodate a smaller volume of traffic than primary routes.
2.3 :: VEHICULAR CIRCULATION :: EXISTING

The UAA campus is connected to the greater Anchorage area by such major roadways as Elmore Road, Tudor Road, Lake Otis Parkway, Northern Lights Boulevard, and Piper Street. A number of local streets have developed as the campus has evolved, such as Alumni Drive, Spirit Drive, Seawolf Drive, West Campus Drive, Career Center Drive, and Mallard Lane. These facilities serve the dual purpose of supporting vehicular circulation and direct access to campus buildings and parking areas.

Two roads raise particular vehicular circulation concerns for the UAA campus: Providence Drive and UAA Drive, both owned and maintained by the MOA. Each bisects the campus to serve adjacent institutions and travelers within the larger U-Med District, as well as provide direct campus access. The multiple functions these roads serve sometimes conflict with ongoing efforts to provide a safe and pedestrian-friendly campus. Efforts to eliminate or ameliorate these conflicts are worthy of consideration.

The campus parking system, equipped with over 4,400 existing spaces, is generally sufficient to meet total demand, but sometimes the demands exceed the supply in specific areas. Campus locations with high parking demand often experience increased vehicular circulation that adds to traffic congestion levels. Additional parking management strategies and adjustments to the campus parking policies may be warranted. See Section 2.6 for parking summary and analysis.

**LEGEND:**
- UAA
- Non-UAA
- Major Roadways
- Bisecting Streets
- Local Streets
- Existing Structured Parking
The goals for future transportation address (1) the location and consolidation of parking in structures, (2) preserving the inner campus core as a pedestrian-friendly place, and (3) promoting the use of the Seawolf Shuttle for campus access and circulation. A “loop road” that captures vehicular traffic as it approaches the campus and delivers it to appropriate parking facilities at the campus periphery would support these policies. Vehicular activity within the loop road is limited to providing direct access to building drop-off/pickup locations and the parking facilities that remain therein.

The loop road concept communicates a perimeter boundary for vehicular circulation and parking access, while preserving the inner campus core as a pedestrian-friendly place. Establishing this boundary and the policy of a car-free campus core will improve the quality of campus life. This concept is further advanced when parking can be consolidated and strategically located adjacent to the loop road and by improving the loop road connections to the major roadways surrounding the campus and greater U-Med District. As the campus vision is realized, more of the overall campus parking system will be provided in structures with high-quality, direct pedestrian connections to the campus core and shuttle system.

**LEGEND:**

- **UAA**
- **Non-UAA**
- **Major Roadways**
- **Bisecting Streets**
- **Local Streets**
- **Local Circulation Streets**
- **Proposed Roadways/Streets**
- **Loop Road**
- **Campus Gateway**
- **Existing Structured Parking**
- **Planned Structured Parking**
- **Future Structured Parking**
- **Improved Traffic Controls**
Current Seawolf Shuttle routes operate throughout campus (as well as provide connections to off-campus UAA destinations), reducing the need to drive within the campus boundaries. UAA provides real-time shuttle location mapping via the “WolfTracks” web interface to reduce wait times and enhance the shuttle experience for students, faculty, and staff. On-campus routes are only able to reliably operate on 15- to 20-minute schedules (headways), due to congestion and a lack of street connectivity in certain campus locations. The extension of Health Drive from Wellness Street to Elmore Road will enable much more efficient shuttle routing, reducing headways and further supporting student/faculty movements during class changes.

The MOA People Mover bus system serves the UAA campus via six routes that connect to the entire regional transit network. UAA provides free access for all students, faculty, and staff to transit/shuttle services through the UPASS system to encourage use and reduce campus parking demand. Such policies are strong evidence of the importance UAA places on public transit and sustainable practices.

The near-term route structure shown in this figure follows the principles described on the opposite page with the purpose of utilizing proposed roadway connections to enhance shuttle frequency and coverage, while providing core service to support cross-campus class changes.
Transit and shuttle service will play an ever-increasing role in providing access to the campus and supporting safe and timely circulation within it. With improvements to the frequency of People Mover service to the campus, UAA can expect greater numbers of students, faculty, and staff to choose this option. With improvements to campus street connections, Seawolf Shuttle routes can be adapted to provide rapid and reliable service frequencies that support cross-campus movements and class change periods with the overarching goal of a pedestrian-oriented campus core.

Shuttle service and resulting ridership can be improved by targeting routes and frequencies at specific trip types such as class changes, residential connections, and periphery parking. Readily identifiable, high-efficiency routes will generate increased ridership, with little or no increase in operating costs over today. Conceptual routes are organized as follows:

- The Class Connector (green route) provides express service between the east and west campus cores so that riders can make class changes in less than 15 minutes (7 minutes one-way).
- The Residential Connector (blue route) is scheduled to carry resident students to the campus in time to make each class.
- The Parking/Access Connectors (red routes) carry arriving campus users to core areas of campus (10 minutes round trip).

The outcome of organizing transit service, transit routes, and parking facilities includes the ability to (1) park once and then safely commute around campus; (2) depend on the shuttle service to reliably serve class changes across campus; and (3) reinforce the campus core as an area where walking (skiing) and biking are preferred modes.

**LEGEND:**
- Green - Class Connector
- Red - Parking/Access Connectors
- Blue - Residential Connector
- Black - External Campus Shuttle
- Shuttle Stop
- Indicates Direction of Travel
- Structured Parking (See Section 2.3)
The UAA campus has evolved from its beginnings as a small community college to a full scale university. Its facilities continue to age and while maintenance is excellent, many facilities and systems have reached their intended and designed life-cycle and are in need of renewal or replacement. As a result, UAA is accruing a sizable deferred maintenance cost. This liability should be considered in all aspects of the Implementation Process (Section 4) from programming, demolition, adaptive re-use, expansion, and new construction.

A facility assessment was conducted with high level input from Facility Maintenance & Operations (FMO) as well as Facilities Planning & Construction (FPC). Its goal was to provide an overview status of the UAA infrastructure to determine the expected time line before major renewal or replacement. Due to the broad scope, the assessment will require further detailed analysis to support decisions for specific capital improvement projects.

**LEGEND:** (*Dependent on Funding)

- **Green:** Due for a Major Renewal/Replacement within 30+ years
- **Yellow:** Due for a Major Renewal/Replacement within 20 years
- **Orange:** Due for a Major Renewal/Replacement within 10 years
### Anchorage Main Campus Buildings

<table>
<thead>
<tr>
<th>Bldg #</th>
<th>Building Name</th>
<th>Year Built</th>
<th># Levels</th>
<th>Gross Sq. Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS109</td>
<td>Greenhouse Storage Shed</td>
<td>1985 / 3</td>
<td>1 / 192 sf</td>
<td></td>
</tr>
<tr>
<td>AS110</td>
<td>Auto/Diesel Technology Building</td>
<td>1973 / 3</td>
<td>26,332 sf</td>
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</tr>
<tr>
<td>AS111</td>
<td>Professional Studies Building</td>
<td>1972 / 2</td>
<td>87,351 sf</td>
<td></td>
</tr>
<tr>
<td>AS112</td>
<td>Wendy Williamson Memorial Auditorium</td>
<td>1974 / 4</td>
<td>32,653 sf</td>
<td></td>
</tr>
<tr>
<td>AS113</td>
<td>Building Remodeled (Marc Bourassa Hall)</td>
<td>1982 / 3</td>
<td>27,127 sf</td>
<td></td>
</tr>
<tr>
<td>AS114</td>
<td>Allied Health Sciences Building</td>
<td>1982 / 3</td>
<td>27,127 sf</td>
<td></td>
</tr>
<tr>
<td>AS115</td>
<td>Energy Module No. 1</td>
<td>1977 / 2</td>
<td>2,632 sf</td>
<td></td>
</tr>
<tr>
<td>AS116</td>
<td>Energy Module No. 2</td>
<td>1977 / 2</td>
<td>2,632 sf</td>
<td></td>
</tr>
<tr>
<td>AS117</td>
<td>Wells Fargo Sports Center</td>
<td>1977 / 3</td>
<td>106,977 sf</td>
<td></td>
</tr>
<tr>
<td>AS118</td>
<td>Bookstore</td>
<td>1985 / 3</td>
<td>38,272 sf</td>
<td></td>
</tr>
<tr>
<td>AS119</td>
<td>Student Union</td>
<td>1977 / 2</td>
<td>44,962 sf</td>
<td></td>
</tr>
<tr>
<td>AS120</td>
<td>Arcade &amp; Bridge Lounge</td>
<td>1977 / 3</td>
<td>12,701 sf</td>
<td></td>
</tr>
<tr>
<td>AS121</td>
<td>Engineering Building</td>
<td>1981 / 3</td>
<td>40,751 sf</td>
<td></td>
</tr>
<tr>
<td>AS122</td>
<td>Natural Sciences Building (Renewed in 2012)</td>
<td>1977 / 2</td>
<td>28,490 sf</td>
<td></td>
</tr>
<tr>
<td>AS123</td>
<td>Social Sciences Building</td>
<td>1974 / 4</td>
<td>63,875 sf</td>
<td></td>
</tr>
<tr>
<td>AS124</td>
<td>Consortium Library (Renewal &amp; Addition in 2004)</td>
<td>1972 / 5</td>
<td>261,807 sf</td>
<td></td>
</tr>
<tr>
<td>AS125</td>
<td>Administration/Humanities Building</td>
<td>1983 / 3</td>
<td>52,008 sf</td>
<td></td>
</tr>
<tr>
<td>AS126</td>
<td>Administration Utility Building</td>
<td>1983 / 3</td>
<td>1,069 sf</td>
<td></td>
</tr>
<tr>
<td>AS127</td>
<td>Fine Arts Building</td>
<td>1986 / 3</td>
<td>104,909 sf</td>
<td></td>
</tr>
<tr>
<td>AS128</td>
<td>MAC 1</td>
<td>1983 / 3</td>
<td>16,815 sf</td>
<td></td>
</tr>
<tr>
<td>AS129</td>
<td>MAC 2</td>
<td>1985 / 3</td>
<td>16,815 sf</td>
<td></td>
</tr>
<tr>
<td>AS130</td>
<td>MAC 3</td>
<td>1983 / 3</td>
<td>17,705 sf</td>
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</tr>
<tr>
<td>AS131</td>
<td>MAC 4</td>
<td>1985 / 3</td>
<td>18,001 sf</td>
<td></td>
</tr>
</tbody>
</table>

### Anchorage Off-Campus Buildings

| AO101  | Aviation Technology Center ** | 1981 / 3 | 82,625 sf |
| AO102  | Aviation Technology Storage ** | 1985 / 1 | 221 sf |
| AO103  | No longer in inventory (Adult Learning Center) ** | 1974 / 2 | 20,424 sf |
| AO104  | University Lake Building | 1985 / 1 | 16,808 sf |
| AO105  | University Lake Building Annex | 1985 / 1 | 9,004 sf |
| AO106  | University Center ** | 1984 / 2 | 95,191 sf |
| AO109  | Transportation Research Center ** | 1966 / 1 | 7,719 sf |
| AO110  | State Fairground Cabin ** | 1984 / 1 | 320 sf |
| AO111  | Student Union | 1983 / 3 | 38,272 sf |

### Current Lease Space

| AL108  | Eagle Center - Eagle River Campus ** | 2013 | 2 / 14,492 sf |
| AL117  | SBDC-Anchorage ** | 2013 | 2 / 4,391 sf |
| AL122  | Behavioral Health Research & Services ** | 2013 | 1 / 3,472 sf |
| AL124  | Gambell Professional Building ** | 2013 | 2 / 7,444 sf |
| AL125  | University Center Lease ** | 2013 | 1 / 4,177 sf |
| AL129  | UC Warehouse ** | 2013 | 2 / 8,560 sf |
| AL130  | Sysco Foodservices of Seattle ** | 2013 | 2 / 8,560 sf |
| AL131  | Publix Storage ** | 2013 | 186 sf |
| AL132  | Tudor Storage ** | 2013 | 3,050 sf |
| AL134  | Northland Maxi Vaults ** | 2013 | 72 sf |
| AL135  | Providence Childhood Learning Lease ** | 2013 | 1 / 2,000 sf |
| AO105  | Diplomacy Building | 2013 | 1 / 1,500 sf |

### Year Built / # Levels / Gross Sq. Ft.

<table>
<thead>
<tr>
<th>Building Name</th>
<th>Year Built</th>
<th># Levels</th>
<th>Gross Sq. Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anchorage Main Campus Buildings</td>
<td>**</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Anchorage Off-Campus Buildings</td>
<td>**</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Current Lease Space</td>
<td>**</td>
<td>**</td>
<td>**</td>
</tr>
</tbody>
</table>
Existing parking facilities and planned parking supply (e.g., the proposed School of Engineering garage and the parking proposed to support the Alaska Airlines Center) provide a parking system of 5,213 spaces across the campus. In total, the system is adequate to meet peak demands during normal campus operations. However, parking demand is often concentrated, resulting in parking constraints in certain locations. Parking facilities that exceed 90 percent utilization during peak periods are highlighted in the figure.

<table>
<thead>
<tr>
<th>Zone</th>
<th>Surface Parking Spaces</th>
<th>Structured Parking Spaces</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Interface Zone</td>
<td>509</td>
<td>0</td>
<td>509</td>
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<tr>
<td>West Academic Zone</td>
<td>419</td>
<td>0</td>
<td>419</td>
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<tr>
<td>Campus Core Zone</td>
<td>59</td>
<td>0</td>
<td>59</td>
</tr>
<tr>
<td>Engineering Zone</td>
<td>0</td>
<td>485</td>
<td>485</td>
</tr>
<tr>
<td>Transitional Zone</td>
<td>801</td>
<td>0</td>
<td>801</td>
</tr>
<tr>
<td>Health Zone</td>
<td>247</td>
<td>0</td>
<td>247</td>
</tr>
<tr>
<td>East Academic Zone</td>
<td>764</td>
<td>834</td>
<td>1,598</td>
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<tr>
<td>Recreation Zone</td>
<td>600</td>
<td>0</td>
<td>600</td>
</tr>
<tr>
<td>Student Housing Zone</td>
<td>495</td>
<td>0</td>
<td>495</td>
</tr>
<tr>
<td>Total</td>
<td>3,894</td>
<td>1,319</td>
<td>5,213</td>
</tr>
</tbody>
</table>

LEGEND:
- Parking Hotspots
  (peak demand exceeds 90% capacity)

- Existing Surface Parking
- Existing Structured Parking
- Planned Structured Parking
Land Use & Zoning

Section 3

The Fireside Cafe provides a gathering place north of the Alaska Quad.
This revision to the Master Plan has been developed utilizing a network of campus zones, each with a distinctive identity and role in support of UAA’s mission, both academic and strategic. The zones provide a framework and guideline to allow each zone to evolve and develop distinct characteristics while still maintaining a holistic campuswide vision. This section of the Master Plan identifies the intent, opportunities, and key elements of the campus zones and their application as a tool to guide future development.

The outlined zones establish the baseline criteria, with the goal of enabling long range visioning and coordination across current and future projects to improve operational effectiveness. They are integral to any planning, design, and construction process at UAA. To ensure this campuswide approach is integrated, a detailed process including zone analysis, infrastructure integration, and design guidelines are outlined in Section 4 - Implementation of the Master Plan.

### LEGEND:

- Community Interface Zone
- West Academic Zone
- Campus Core Zone
- Engineering Zone
- Transitional Zone
- Health Zone
- East Academic Zone
- Recreation Zone
- Student Housing Zone
3.1.1 :: Zone Summary
For each of the defined zones on the following pages, the information below is provided:

Summary ::
Describes the location, primary landscape, and architectural fabric for the zone as well as any significant historical or contextual elements.

Intent ::
Conveys the concept for the zone and outlines the overall role and organization as it relates to the existing and future vision for UAA. Key defining characteristics and quality of place to be retained or achieved are discussed.

Existing Facilities ::
Summarizes the facilities existing at the time the 2013 Master Plan was completed.

Potential Future Actions ::
Characterizes program and infrastructure development examples that are appropriate applications to the Zone Intent. Actual zone placement for a particular building or program may vary from this list if a better location is identified through the Implementation Process as described in Section 4.

Connectivity ::
Describes and illustrates the zone’s high level relationship to the future UAA vision for wayfinding, circulation, parking, and the loop road.

Open Space ::
Describes the present and future UAA vision for the Open Space overlay.

3.1.2 :: Site Analysis
The Site Analysis figures provide guidance in defining, locating and understanding the buildable site opportunities at UAA. Please note, the Site Analysis figures do not indicate ownership of the infrastructure, only the classification as outlined in Section 2. For each of the defined zones, the following information is provided:

Non-Motorized Pathways (See Section 2.2):
- Spine: Primary interior circulation walkway from which most other pathways radiate.
- Multi-Use Pathway: Primary exterior circulation routes from which most other pathways radiate.
- Connector Sidewalks: Secondary exterior circulation routes sized to accommodate a smaller level of traffic than primary routes.
- Grade Separated Crossing: Overpass or underpass to facilitate road crossings.

Vehicular (See Section 2.3):
- Major Roadways: Primary roadways that connect UAA and the U-Med District to the greater Anchorage community.
- Bisecting Streets: Roadways that bisect campus and the U-Med District. They also support direct campus access and circulation.
- Local Streets: Streets that serve the dual purpose of supporting vehicular circulation and direct access to campus buildings and parking areas.
- Local Circulation Streets: Restricted access streets that support the shuttle, deliveries, service, and drop off/pickup.
- Proposed Roadways/Streets: Proposed infrastructure with final location under development.
- Loop Road: A combination of roads forming a vehicular perimeter loop around the campus.

Potential Future Actions ::
- Expansion may require redeveloping a new Primary Active Frontage.
- Active Frontage: Building facades that can be expanded or have thoughtful changes to views of them, and views from within them to surrounding landscapes/buildings.
- Service Frontage: Building facades that have minimal active frontage or serve as access areas. These can be expanded provided that associated functions are maintained/replaced.

Open Space (See Section 2.1 & 3.4):
- Quad: Campus open areas that are functionally programmed for a variety of uses, and entail a higher level of maintenance.
- Semi-natural: Open areas where programming is integrated within or adjacent to natural areas.
- Natural: Areas with minimal programming that are left in, or restored to, a naturalized condition.
- Character Defining View: A view (inwardly or outwardly focused) that should be protected and maximized for its impact.
- Character Defining Place: A place (inwardly or outwardly focused) that should be protected and maximized for its impact.

LEGEND:
- Non-Motorized:
  - Multi-Use Pathways
  - Connector Sidewalks
  - Spine - Existing
  - Spine - Future
  - Grade Separated Crossing

- Vehicular:
  - Major Roadway
  - Bisecting Streets
  - Local Streets
  - Local Circulation
  - Proposed Roadways
  - Loop Road

- Building Frontages / Entrances:
  - Active Frontage
  - Service
  - Semi-Natural
  - Natural
  - Character Defining View
  - Character Defining Place
  - Zone Boundary
3.2 :: COMMUNITY INTERFACE ZONE :: OVERVIEW

Summary ::
The Community Interface Zone includes lands that front the greater Anchorage community. As a result, any development will become identified as gateways to UAA. The majority of the land is currently undeveloped with the exception of the King Career Center and the west parking lot. Existing recreational trails meander through the UAA lands to Northern Lights Boulevard and provide connectivity to Goose Lake and Alaska Pacific University.

Intent ::
The surrounding landscape and adjacencies to the Anchorage community allow for development that focuses on bringing UAA and community partners together for educational partnerships and public service. This zone becomes a visible bridge between academics and the community. Key characteristics and design elements include community access and services, collaboration, and recreation.

Existing Facilities ::
• King Career Center

Potential Future Actions ::
• Ice Arena
• Public Safety
• Community Partnerships
• Turf
• Student Recreation
• Mixed-Use Development
• Parking Structure(s)
Connectivity (Community Interface West) ::
• Provide link to the main east/west at-grade non-motorized pathway. (see Section 2.2)

Connectivity (Community Interface East) ::
• Maintain and enhance the connectivity to the adjacent MOA non-motorized pathways, specifically the east/west connection to Goose Lake Park and a north/south connection to the Chester Creek trail system.
• Provide for a north/south at-grade pathway that links to the East Academic Zone.

Open Space (Community Interface West) ::
• None specific to only this zone

Open Space (Community Interface East) ::
• This zone shall receive a large multi-purpose open space area.
3.2 :: WEST ACADEMIC ZONE :: OVERVIEW

Summary ::
The West Academic Zone is bordered by Lake Otis Parkway, Providence Drive, and West Campus Drive. It houses the earliest buildings on the University property. Most of these buildings were built for the community college and were later absorbed into UAA when they merged. As a result, it has the highest percentage of older facilities with a lower height than other areas of campus. As the Community Interface Zone to the west is developed and becomes a gateway, this zone will transition into a defining edge along Providence Drive.

Intent ::
Development in this zone should support academic foundations for the entire UAA community with a focus on advanced technical and occupational skills, and professional development in the business, public policy, education, and vocational fields. New and replacement facilities should increase density and height while retaining the traditional quad characteristic of the zone.

Existing Facilities ::
- Eugene Short Hall - AS101
- Sally Monserud Hall - AS102
- Beatrice McDonald Hall - AS103
- Gordon Hartlieb Hall - AS104
- Rasmuson Hall - AS105
- Lucy Cuddy Hall - AS106
- West Bridge - AS107
- Auto/Diesel Technology Building - AS110
- Professional Studies Building - AS111
- Wendy Williamson Auditorium - AS112
- Allied Health Sciences Building - AS114

Potential Future Actions ::
- College of Education Expansion
- Tanaina Child Development Center Relocation
- Classroom Building
- Army & Air Force ROTC
Connectivity ::
- Maintain the main east/west at-grade non-motorized pathway. (see Section 2.2)
- Maintain and enhance the north/south at-grade non-motorized pathways to the Transition Zone and Community Interface Zone.
- Maintain and enhance the central Spine dispersal point and connections to the at-grade non-motorized pathways.

Open Space ::
- Maintain the Cuddy Quad.
- Develop an open space to the west of the new Engineering & Industry Building that provides a visual connectivity to a mirrored open space in the Engineering Zone.
3.2 :: CAMPUS CORE ZONE :: OVERVIEW

Summary ::
The Campus Core Zone is located next to Chester Creek and is encircled almost entirely by adjacent campus zones. Due to its location and existing program elements, this zone is the primary hub and connector for the campus as a whole. Historically, by hosting the recreation and student union programs, it became the bridging element for the integration of the community college and the university. Expansion and densification in this zone will require repurposing or replacing existing facilities in addition to strategic infill developments.

Intent ::
This zone serves as the heart of UAA. It is a place of gathering and the primary interface between academics, student life and visitors. In addition to this core zone, student amenities are dispersed throughout UAA to develop an integrated and cohesive student life experience.

Existing Facilities ::
• Energy Module No. 1 - AS115
• Wells Fargo Sports Center - AS117
• Bookstore - AS118
• Student Union - AS119

Potential Future Actions ::
• New/Expanded Student Union
• Alumni Center
• Student Services Building
• Multi-Cultural Facility
• Honor's College
• Central Classroom Building
• Student/Faculty Amenities
• Administration
Connectivity:
- Provide link to the main east/west at-grade non-motorized pathway. (see Section 2.2) The connection will generally run parallel and along the south side of the Spine across Chester Creek.
- Maintain and enhance the central Spine dispersal points and connections to the at-grade non-motorized pathways.

Open Space:
- Provide access to the adjacent proposed quad in the West Academic and Engineering Zones.
- Develop a major open space adjacent to Chester Creek greenbelt with direct connection to the east/west pathways.
### 3.2 :: ENGINEERING ZONE :: OVERVIEW

**Summary ::**
The Engineering Zone parallels Chester Creek and UAA Drive with a high level of connectivity to adjacent zones. It is linear in nature and relies on the Campus Core Zone for facility integration.

**Intent ::**
The common goal of this zone is to inspire learning and research through the discipline of engineering, and to spark research collaboration with adjacent Health and East Campus zones. Key zone characteristics are a collaborative, multidisciplinary approach to education, research, professional development, and community partnerships.

**Existing Facilities ::**
- Arcade & Bridge Lounge - AS120
- Engineering Building - AS121
- Engineering Greenhouse - AS152 (Not mapped)
- ANSEP - AS153
- Engineering and Industry Building - AS162 (In Construction)
- North Parking Garage - AS163 (In Development)

**Potential Future Actions ::**
- Engineering Phase II
- Architecture & Planning
- Spine upgrades to improve vertical transitions
Connectivity:
• Provide the main east/west at-grade non-motorized pathway. (see Section 2.2) The connection will generally run parallel and along the south side of the Spine across Chester Creek.
• Provide Spine connection to the Health Zone.
• Channelize pedestrians, cyclists, and skiers to designated crossings of UAA Drive. Priority should be given to a grade-separated pedestrian crossings at UAA Drive.
• With redevelopment, modify existing Spine connection to allow a more direct and intuitive interior crossing above UAA Drive.

Open Space:
• Maintain Chester Creek in a natural state.
• Develop an open space to the west of the new Engineering & Industry Building that provides a visual connectivity to a mirrored open space in the West Academic Zone.

LEGEND:
Non-Motorized:
- Multi-Use Pathways
- Connector Sidewalks
- Spine - Existing
- Spine - Future
- Grade Separated Crossing

Vehicular:
- Major Roadway
- Bisecting Streets
- Local Streets
- Local Circulation
- Proposed Roadways
- Loop Road

Building Frontages / Entrances:
- ▲ Primary
- △ Secondary
- ○ Service

Open Space Development:
- □ Quad
- □ Semi-Natural
- □ Natural
- □ Character Defining View
- □ Character Defining Place
- □ Zone Boundary
3.2 :: TRANSITIONAL ZONE ::
OVERVIEW

Summary ::
The Transitional Zone is bordered by Mallard Lane to the north and has strong connections to the Community Interface Zone and the Anchorage School District. Its lands are internal to the campus and primarily composed of surface parking lots that support the adjacent zones to the south. Any new development in this zone will displace surface parking.

Intent ::
The key characteristic of this zone is a place in transition. The long-term vision is a bridge between the community through technical and applied academics.

Existing Facilities ::
• None
TRANSPORTATION ZONE :: SITE ANALYSIS

Potential Future Actions ::
- CTC Industry & Technology Center
- Construction & Design Technology
- Academic Flex Space
- Facilities & Campus Services (F&CS)
- Parking Structure(s)

Connectivity ::
- Provide north/south pathway linking to the loop road and West Academic Zone.

Open Space ::
- Provide new open space that has a relationship to and is an extension of the Campus Core and/or Cuddy Quad.

LEGEND:
- Non-Motorized:
  - Multi-Use Pathways
  - Connector Sidewalks
  - Spine - Existing
  - Spine - Future
  - Grade Separated Crossing
- Vehicular:
  - Major Roadway
  - Bisecting Streets
  - Local Streets
  - Local Circulation
  - Proposed Roadways
  - Loop Road
- Building Frontages / Entrances:
  - Primary
  - Secondary
  - Service
- Open Space Development:
  - Quad
  - Semi-Natural
  - Natural
  - Character Defining View
  - Character Defining Place
  - Zone Boundary
3.2 :: HEALTH ZONE ::
OVERVIEW

**Summary** ::
The Health Zone was a recent expansion of UAA and has been approached as a planned development, with all future facilities potentially identified. It has close adjacencies to the central region of campus as well as strong ties to the surrounding medical community. Much of its growth will be through new program development as well as relocation of programs that currently reside primarily in the West Academic Zone. Its location across Providence Drive creates opportunities for collaboration across the U-Med District.

**Intent** ::
The common goal of this zone is to inspire learning through the disciplines of health and social welfare. It has direct adjacency to the surrounding medical community and key zone characteristics are a collaborative, multidisciplinary approach to education, research, service, and community partnerships.

**Existing Facilities** ::
- Health Sciences Building - AS156
- Health Campus Pedestrian Bridge - AS164 (Not Mapped & In Development)
Potential Future Actions:
• Health Sciences Phase II, III, IV
• Parking Structure(s)

Connectivity:
• Provide at-grade non-motorized pathway to link from the Health Zone to Chester Creek. (see Section 2.2)
• Provide Spine connection to the Engineering Zone
• Provide a Spine dispersal point and connections to the at-grade non-motorized pathways.

Open Space:
• Develop an open space that provides a visual connectivity to a mirrored open space across Providence Drive.
3.2 :: EAST ACADEMIC ZONE ::
OVERVIEW

Summary ::
UAA Drive, Alumni Drive, and Providence Drive mark the primary boundaries of the East Academic Zone with additional land to the north, adjacent to Goose Lake. This part of the campus is made up of a variety of buildings that are arranged around the Alaska Quad as well as a linear grouping along the east/west Spine. In addition to a multitude of academic facilities, this zone houses the Consortium Library, which has a key student and academic life function and serves UAA and APU.

Intent ::
Development in this zone should center primarily on education in the liberal arts and sciences as well as academic institutions for the entire UAA community.

Existing Facilities ::
• Energy Module No. 2 - AS116
• Natural Sciences Building - AS122
• Social Sciences Building - AS123
• Consortium Library - AS124
• Administration Building - AS125
• Administration Utility Building - AS126
• Fine Arts Building - AS127
• Central Parking Garage - AS150
• Ecosystem-Biomedical Health Laboratory - AS151
• ConocoPhillips Integrated Science Building - AS154
• East Parking Garage - AS155
• Fireside Cafe - AS158

Potential Future Actions ::
• Classroom Building(s)
• Native Arts Facility
• Fine Arts Building Expansion
• Parking Structure
**Connectivity:**
- Provide the main east/west non-motorized pathways. (see Section 2.2) The connection will generally run parallel and along the south side of the Spine across Chester Creek.
- Provide a north/south non-motorized pathway to the Community Interface Zone (see Section 2.2)
- Provide Spine connection to Recreation Zone.
- Maintain the northern east/west at-grade pathway.
- Enhance the Spine dispersal points and connections to the at-grade pathways.

**Open Space:**
- Maintain the Alaska Quad.
- Maintain and enhance the library plaza.
3.2 :: RECREATION ZONE ::
OVERVIEW

Summary ::
The Recreation Zone is a gateway to UAA on the corner of Providence Drive and Elmore Road. It acts as a bridge between academics and resident life as well as the larger community. The Alaska Airlines Center acts as a landmark for the region. Future development in this zone will be defined by the limited land resources and event parking requirements.

Intent ::
The vision of the recreation zone is the promotion of the health and welfare for UAA and the surrounding community.

Existing Facilities ::
- Alaska Airlines Center - AS157
RECREATION ZONE :: SITE ANALYSIS

Potential Future Actions ::
- Student Recreation
- Ice Arena
- Parking Structure

Connectivity ::
- Provide Spine connection to East Academic Zone.
- Maintain the north/south non-motorized pathway linking Housing to the East Academic Zone. (see Section 2.2)

Open Space ::
- None specific to only this zone.

LEGEND:

Non-Motorized:
- Multi-Use Pathways
- Connector Sidewalks
- Spine - Existing
- Spine - Future
- Grade Separated Crossing

Vehicular:
- Major Roadway
- Bisecting Streets
- Local Streets
- Local Circulation
- Proposed Roadways
- Loop Road

Building Frontages / Entrances:
- Primary
- Secondary
- Service

Open Space Development:
- Quad
- Semi-Natural
- Natural
- Character Defining View
- Character Defining Place
- Zone Boundary
Summary:
The south part of the campus is where all existing student housing is located. The housing is composed of a cluster of multi-story buildings, built between the mid-1980s and late 1990s. Providence Alaska Medical Center is to the west and Alaska Pacific University marks the eastern boundary. A benefit of this cluster of housing is that it is in close proximity to Tudor Road where there is the potential for development of a mixed-use university village. Such a development would be expected to prosper due to increases in student residents, employees, and potential customers from the neighboring hospitals and medical offices. Student housing is close to academic facilities, yet enjoys a certain independence from them.

UAA owns land adjacent to the Student Housing Zone lying north and east of Elmore Road on University Lake Drive. The northern part is developed with two single story buildings. The existing low density development and proximity to the current student housing makes this area ideal for future expansion of a variety of housing types.

Intent:
Development in this zone should focus on housing and mixed-use facilities with the intent of creating a strong sense of place for all resident UAA students.

Existing Facilities:
- University Lake Building - AO106
- University Lake Building Annex - AO107
- MAC Housing - AS128-133
- Templewood Housing - AS135-140
- Commons - AS141
- East Hall - AS142
- West Hall - AS143
- North Hall - AS144
Potential Future Actions:
• Additional student housing (high density)
• Mixed retail, service and amenities
• Parking structure

Connectivity:
• Provide the north/south at-grade non-motorized pathway to link to the main east/west campus connection. (see Section 2.2)
• Maintain east/west connectivity to the Chester Creek and University Lake trail systems. (see Section 2.2)

Open Space:
• This zone shall receive a large multi-purpose open space area.
• Maintain Chester Creek in a natural state.

LEGEND:
Non-Motorized:
- Multi-Use Pathways
- Connector Sidewalks
- Spine - Existing
- Spine - Future
- Grade Separated Crossing

Vehicular:
- Major Roadway
- Bisecting Streets
- Local Streets
- Local Circulation
- Proposed Roadways
- Loop Road

Improved Traffic Control

Building Frontages / Entrances:
- Primary
- Secondary
- Service

Open Space Development:
- Quad
- Semi-Natural
- Natural
- Character Defining View
- Character Defining Place

Zone Boundary
3.2 :: OFF-CAMPUS ZONE ::
OVERVIEW

Summary ::
Some UAA Community and Technical College programs and functions are currently accommodated away from the campus. Primary among those is the University Center which is located a mile west of the campus at Old Seward Highway north of Tudor Road. The University Center is occupied by job training programs, computer labs, classrooms, and enrollment services (admissions, financial aid, new student recruitment, registration and records, UAA One-Stop). Four other major UAA off-campus facilities are: the Aviation Complex at Merrill Field, the Downtown Center at 7th and A Streets, the Diplomacy Building near the Alaskan Native Tribal Health Consortium along Tudor Road, and the Bragaw Office Complex north of the main campus.

The UAA Aviation Complex provides instruction and certification for a variety of aviation-related fields. The Downtown Center has been primarily used for research institutes and community programs. The Diplomacy Building was recently sold and is being leased back. It currently is being used by the Graduate School and several UAA affiliated research groups and its close proximity to the main campus is beneficial. The Bragaw Office Complex. The existing users of the Diplomacy Building will be housed in 1901 Bragaw as the lease expires. An additional off-campus leased facility is the UAA Chugiak Eagle River Campus, which serves a geographically different student base.

Intent ::
The Off-Campus Zone provides an opportunity to continue to enhance and grow the ever-expanding academic programs. Key program and design elements have strong community outreach and location specific missions. Programs that require stronger connection to on-campus programs should be evaluated and brought back to main campus if an opportunity presents itself. Similarly, programs or administrative services that do not need to be on campus can be considered for relocation off-campus.
OFF-CAMPUS ZONE :: SITE ANALYSIS

Existing Features ::
- UAA Chugiak/Eagle River Campus - Leased - AL108
- Aviation Technology Center - AO101
- 7th & A Street - AO104
- Diplomacy Building - Leased - AO105
- University Center - AO108
- 1901 Bragaw Street - AO111

Note: Off-Campus facilities shown for reference and not included in Site Analysis.

Potential Future Actions ::
- Facilities Maintenance & Operations (FMO) – Equipment & Transportation Operations
- Acquisition/disposal of assets as necessary.

Connectivity ::
- Provide connections to the Seawolf Shuttle, People Mover, and regional multi-use trail systems.

Open Space ::
- None specific to only this zone.

LEGEND:
- UAA Property
- Leased

7th & A Street
Aviation
Bragaw Office Complex
University Center
Diplomacy
Chugiak / Eagle River Campus

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CAMPUS MASTER PLAN
3.3 :: OPEN SPACE OVERLAY

Summary ::
Campus open space includes land and water areas open to the sky, shaped to provide for campus function or the maintenance of natural resources. For UAA, open space provides a wide spectrum of services including active and passive recreation, programmed event space, a pedestrian transportation network, and ecological services and benefits. Open space can generally be examined using a spectrum from fully programmed user-focused areas to areas with high ecological value and function. For each type of open space, there is an integrated campus system composed of a hierarchy of use area sizes and connections between them, which has taken the form of formal programmed open spaces to high value wetlands.

Intent ::
The open space system ties the campus together and serves as the bridge between the natural and urban environments. Growth and development need to carefully assess the value of open space components, as open space (whether natural or programmed) may have a higher value than further developed land. Design elements for gathering, recreation, and ecological benefits should be addressed.

As development occurs, open spaces may be shaped to accommodate programs, but any loss or devaluing shall be avoided. Open spaces should be deemed as important as the buildings that frame them, and development should be done mindfully with full integration of the program and facilities into the open space infrastructure.

Existing Features ::
Campus Quads, South Fork Chester Creek, Goose Lake, Mosquito Lake, and a recreation trail system.

Potential Future Actions ::
Expansion of open space through additional quads or open space areas of a variety of sizes, and the pathway corridors to connect them. Future buildings and development comply with the underlying zone with an emphasis on retaining natural vegetation, enhanced landscaping, improved pedestrian connectivity, addition or enhancement of landscaped quads/plazas, and promotion of views.

LEGEND:
- High priority natural area (Class A wetland and/or riparian corridor)
- Medium priority natural area (Class B wetland)
- Low priority natural areas (Class C wetland)
- Existing programmed open space (or validated within existing Master Plan)

Wetlands based on MOA Watershed Management Mapping (Published 04/15/2003)
3.4 :: SERVICE & AMENITIES OVERLAY

Summary ::
Service and amenities provide opportunities for a cup of coffee and a sandwich, more formal dining, small retail purchases, relaxation and gathering areas, and general support services such as ATMs, post office, and child care. They play an important role in enhancing student life and the overall campus experience. Year around convenience and accessibility are critical to their success. This convenience can be measured by the time that it takes for a user to travel from any given location to the service and/or amenity. Some services and amenities will only require one location on the campus, like a bookstore, but others, like coffee shops, will need to be provided in each zone.

Intent ::
Planning for services and amenities requires an overarching look at the campus to ensure that services and amenities are sited at nodal level to be convenient and accessible year round and occur at a frequency that is related to their importance of use.

Existing Features ::
Campus Bookstore, Cuddy Hall, the Commons, Student Union miscellaneous food services, Fireside Café, Consortium Library/Social Science Building coffee shop, Tanaina Child Development Center

Potential Future Actions ::
As development and redevelopment occur, provide services and amenities as recommended by the design guidelines to complete campus coverage by these components.

LEGEND

1. 15 minute walk zone (i.e. restaurant meal)
2. 10 minute walk zone (i.e. convenience store type purchase or quick meal)
3. 5 minute walk zone (i.e. coffee or cold sandwich)
4. Indicates Future
3.5 :: ACQUISITION & DISPOSAL GOALS

UAA should strategically consider land acquisition and disposal opportunities outside the main campus to shape the evolution, expansion, and goals of specific campus programs and initiatives. This is especially important given the limited developable land remaining in the U-Med District and at the main campus. Acquisition should focus on properties adjacent to zones that are at or near development capacity. This includes opportunities for land transfers with neighboring institutions which would offer mutual benefits.

UAA should aim to dispose of properties in satellite locations that do not support consolidation and densification, are not geographically advantageous to the UAA mission, and/or, contribute to land use conflicts in a particular neighborhood or municipal zone.

As a bridging strategy, the use of leased land and facilities is an advantageous interim solution for rapid response space allocation, grant-funded space that may be more temporary in nature, or for specialized functions that are better served from a community location.

The overall goals for acquisition, disposal, lease, and land transfers should address:

- Consolidation and increased density of programs and services
- Sustainable operations and energy efficiency
- Industrial space not suitable for main campus
- Student Housing requirements

LEGEND:

- UAA Property
- Leased

UAA Diplomacy Building - Leased

Bragaw Office Complex

UAA Aviation

UAA University Center

UAA 7th & A

MAIN CAMPUS

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2013 CAMPUS MASTER PLAN
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Implementation

Section 4

The new Alaska Airlines Center in construction.
4.1 :: OVERVIEW

Implementation of the Master Plan vision will be achieved over time through incremental changes made through individual projects. To direct this change, the site selection process outlines a consistent and efficient means to identify the best location for new, expanded or relocated programs that further the goals of UAA through the Master Plan. The site selection process begins after a project has been formally approved by the President through the University of Alaska Statewide Capital Plan and Project Approval Process and is turned over to UAA Facilities, Planning, and Construction (FP&C) for initial design.

Under the leadership of the FP&C, the sole purpose of the site selection process is to identify, evaluate and recommend optimal locations for approved capital projects. FP&C begins the site selection process by generally quantifying the space needs of the project including necessary support structures and infrastructure. FP&C also identifies any strong existing or reasonably foreseeable relationships the proposed use has with other academic programs.

FP&C documents the process and decision in a brief site selection report that is presented for acceptance by the Planning and Budget Advisory Council (PBAC) through the Facilities sub-committee, and ultimate approval by the Chancellor.

4.2 :: ZONE SELECTION

Identify the optimal zone for the proposed project/program.

- Which zone does it have the strongest relationship with?
- How does siting the project/program in the zone achieve the long-term objectives of the Master Plan?
- Of all the projects/programs that could be located in the zone, is the one under consideration the highest and best development given the available land and/or building space for redevelopment/re-purposing?
- How will locating it in this zone functionally enhance the program and adjacent programs?

4.2.1 Infrastructure/support services

- Identify necessary infrastructure improvements that must be undertaken prior to development of the project/program in this zone.
- Identify concurrent projects that should be undertaken as part of the main project/program.

4.2.2 Adjacent or Alternate Zone

To be considered if optimal zone has limited development potential.

- Does the project/program also meet the intent of an alternate zone and still achieve the long-term objectives of the Master Plan?
- Do the infrastructure/support service requirements change?
- Are there suitable development or redevelopment opportunities adjacent to the optimal zone that have strongly identified adjacencies to the proposed project/program?

4.3 :: SITE SELECTION

Schematic concept sketches should be developed that comply with the UAA Master Plan and MOA Title 21 to test development opportunities within the selected zone.

4.3.1 Re-purposing Existing Facility

Consider this criteria when evaluating an existing or portion of an existing facility.

- Are there existing spaces that can be re-purposed?
- Can an existing program be relocated to a more appropriate zone in order to accommodate the project/program? Will there be a positive, negative or neutral impact on the existing program being relocated?

4.3.2 Building Demolition and Replacement

Consider this criteria when faced with a choice between renovation of an existing facility or demolition and replacement with a new facility.

- Is the cost of renovation such that it approaches 75% of the cost of a new facility? This accounts for initial or capital costs as well as the life cycle cost of maintenance and operation for the existing facility compared to a new facility over a 20 year period.
- Do the existing facility’s physical characteristics make it technically or financially infeasible to alter in such a way that it cannot be easily upgraded to serve current or new functions? This includes compliance with new building codes and standards.
- Is the location on campus more important for another use to achieve the Master Plan long-term vision?
- Is alternative space available to accommodate all displaced functions?

4.3.3 New Development/Infill

If it is found that the proposed program/function is best served by a new facility, suitable undeveloped sites or under utilized sites for infill such as surface parking lots should be identified within the selected zone.

UAA and its facilities offer a unique academic experience in the context of the surrounding northern landscape. Coordinating the physical development of the campus to enhance these qualities is one of the goals of the Implementation Process.
4.3.4 Selection criteria applicable to all projects:

4.3.4.1 Physical characteristics
Consider land coverage ratios, open space, connectivity requirements, building orientation, building heights, wetlands, soils, slopes, land clearing requirements, etc.

• What is the “buildability” of the site (soils, wetlands, groundwater, slopes, etc.)?
• Is the development area large enough to accommodate the project/program and associated infrastructure?
• Is the land use efficiency maximized?
• Does the site provide opportunities for strong outdoor spaces?
• Are there site specific factors that should be taken into account?
• Are the adjacent land and sites of sufficient size to be included in future site selections processes.

4.3.4.2 Campus impact
Consider building shadows, parking, traffic, public safety, views, multi-modal connectivity, etc.

• Will the location of the project/program have a positive or negative impact on adjacent facilities in the short-term and in the long-term?

4.3.4.3 User access
Consider quality of access (vehicular, pedestrian, bicycle, service and delivery) to the site from other areas of campus and the general community including visitor and handicap access.

• Does it provide connectivity or an opportunity to enhance connectivity to the existing multi-modal circulation networks?
• Where is the nearest UAA shuttle or MOA public transportation stop?
• Does it allow for the ingress/egress of service vehicles and personnel?

4.3.4.4 Parking
Consider parking availability near the site and accommodations for visitor and handicap spaces.

• Is visitor parking necessary for the project/program?
• Is sufficient parking available within a reasonable distance from the site or on a shuttle route?
• Does additional parking need to be added to the campus to serve the new facility or program?

4.3.4.5 Utilities
Consider size, location, and availability of utilities needed to support the project/program.

• Are the required utilities available to the site and in good condition?
• Are they sized appropriately for expected capacities?
• Will a preparatory infrastructure project be required?

4.3.4.6 Community compatibility
Consider the visibility of the proposed facility to the surrounding community.

• How do the height, width, shape, and function impact the viewshed and environment from the community’s perspective?
• What are the likely community concerns and/or benefits?
• Can concerns be mitigated? Can benefits be enhanced?

4.3.4.7 Timing
Consider the time necessary to complete development of project within the selected zone(s).

• When does the new program/activity need the space?
• Will the user agency’s activities start before the project can be completed? Is a temporary facility or leased space required?
• If existing space is to be re-purposed, can programs be efficiently relocated within the proposed timeframe?

4.3.4.8 Cost
• Order of magnitude life cycle cost estimates.
• Construction cost.
• Operations and maintenance.
• Personnel costs.

The maintenance and continued enhancement of the circulation system is particularly important as recreation is a vital component of campus life.
Design Guidelines

Section 5

The new Engineering & Industry Building and the proposed future Spine across Providence Drive to the Health Science Building will connect the Engineering and Health Zones for ease of pedestrian circulation and academic collaboration.
5.1 :: INTRODUCTION & GUIDING PRINCIPLES

The Design Guidelines provide vision and direction for campus development that encourages functional design, reinforces a campus character and visual identity that is unique to UAA, and allows for creativity within the larger campus framework. The guiding principles are based on the overall Master Plan and supporting reference documents.

Cultural
• Recognize UAA as a driver for the economic, cultural, and intellectual development of Alaska.
• Celebrate Alaska Native cultural traditions as part of the Alaskan heritage of the campus.
• Embrace diversity, modeling community and fellowship around academic programs.
• Strive to achieve the principles of universal accessibility.
• Create a built environment that is reflective of and celebrates the Alaskan environment.
• Attract and retain Alaska’s students.
• Recognize the growth and development of international learning and outreach.
• Accommodate a diverse academic pedagogy ranging from traditional to E-Learning program delivery.
• Develop a campus that is grounded within renewal, rejuvenation, and sustainability.

Social
• Densify the campus to enhance connectivity and collaboration to foster partnerships, research, and innovation.
• Develop a strong and expanded resident student population.
• Configure facilities to encourage interaction between students, faculty, and community.
• Accommodate both resident and commuter student needs.
• Develop a campus with strong alumni and community participation.
• Establish and maintain UAA’s identity within the U-Med District.

Character and Identity
• Enhance the UAA brand.
• Develop and promote a campus that is pedestrian friendly with strong integration into the regional transportation system.
• Recognize character-defining built and natural features to enhance their presence.
5.2 :: DESIGN GUIDELINES ORGANIZATION

The design guidelines are organized into five basic levels of increasing detail. The upper levels encompass and apply to all the levels that follow:

- **Community**: The integration of the campus within the larger Anchorage community.
- **Campus**: The elements that contribute to campus identity and the functioning of campus-wide systems.
- **Zone**: The characteristics that are unique to successful development at the Zone scale.
- **Site**: Considerations to be assessed for each development site.
- **Architecture**: Considerations to be assessed for individual facilities.

The graphic illustrates the sphere of influence for the design guideline levels of Community, Campus, Zone, Site, and Architecture.

Each level is further defined by the following subject areas.

- **Intent**: Summarizes the relevance and general overview of its application.
- **Guidelines**: Provides direction and considerations relating to successful implementation.
- **Sustainability**: Sustainability specific guidelines for consideration.
- **Maintenance Considerations**: Identifies potential maintenance and life-cycle concerns that should be planned for and considered.
5.3 :: COMMUNITY SCALE

Planning at the community scale relates the overall campus to the Anchorage community. This level of planning is intended to provide a campus that, when viewed from the outside, is compatible with, yet a unique entity within, the surrounding neighborhoods and the U-Med District.

5.3.1 Intent:

• Create a campus that has a strong university identity and complements the larger community and U-Med District.
• Develop and define the perimeter of campus to a scale that is representative of a university.
• Respond to adjacent development plans, encouraging interaction and integration, but thoughtfully buffering where needed.
• Create a campus that embraces Northern City design.
• Follow established codes and regulations.

5.3.2 Guidelines:

• Recognize and consider design intents and other regulatory recommendations established within larger district and area plans with specific attention to those affecting the campus perimeter and its relationship to adjacent neighborhoods or activities.
• Coordinate with the MOA (and other agencies as relevant) on the improvement of existing and proposed transportation systems to make access to the campus safer and more attractive for all users.
• Develop in a manner to encourage the community’s sense of pride in the campus.

5.3.3 Sustainability:

• Develop with environmental, practical, and fiscal sustainability in mind.
• Recognize unique community resources and opportunities to maximize their use within the campus, the community, and beyond.
• Continue to support and develop non-motorized circulation connections between campus and the community of Anchorage.
• Support environmental education opportunities where possible about the uniqueness of the campus and its context within a subarctic climate and Anchorage.

5.3.4 Maintenance Considerations:

• Explore opportunities across all UAA facilities, both leased and owned, for efficiency in operations and maintenance.

The UAA Planetarium and Visualization Theater offers convenient access combined with opportunities to invite the community onto campus to foster ownership and pride in UAA.
5.4 :: CAMPUS SCALE

Planning at the campus scale relates to the campus-wide systems and service areas that apply similarly to all Zones, Sites, and Architecture.

5.4.1 Intent:
- Develop an integrated campus with consistent resources, amenities, and systems throughout.
- Develop a full range of services that are planned so that their convenience is related to their frequency and importance of use.
- Create a unified image that is reflective of the place and its cultural heritage, yet is comprised of facilities that are forward-looking and practical.
- Achieve visual consistency while acknowledging the diverse architecture that characterizes UAA through careful orchestration of new buildings, renovations, and rehabilitations.
- Implement UAA Campus Master Plan Implementation Process (see Section 4) which starts on a campus scale for zone and site selection.
- Follow all relevant UAA, local, state, and federal requirements.

5.4.2 Guidelines:

5.4.2.1 Natural Systems:
- Where practicable, develop to preserve and enhance the values of and connection to the natural spaces of UAA: lakes, wetlands, woodlands, open meadows, and topography.

5.4.2.2 General Wayfinding and Signage:
- As each project is undertaken, complement neighboring facilities, and contribute to the completion of campus-wide systems.
- Use signage as an element of continuity and UAA identity throughout the campus.
- Locate signage in predictable locations to aid visitor orientation.
- Coordinate placement of signage and lighting to ensure legibility during hours of darkness.
- Accommodate the differing viewpoints of drivers, cyclists, and pedestrians to whom signs are addressed. This will influence placement and scale of signs.
- Campus orientation maps should be provided at locations where people may make first contact with the campus. These should include buildings, primary and secondary bus stops, parking locations, drop-off/pick-up locations, and the pedestrian circulation system. The level of information on these panels will guide people to the campus zones, facilities, and services.

5.4.2.3 Pedestrian and Non-motorized Pathways:
- Prioritize contiguous pedestrian and non-motorized movement through the campus.
- Strive for the goal of universal accessibility.
- Provide an integrated and continuous system of internal and external connections between campus zones and buildings.
- When relating to function and safety, give priority to pedestrians over all other circulation modes within the campus.
- Provide sidewalks and/or pathways that will not be rendered unusable by plowed snow from adjacent roadways.
- Expand the Spine both as a means of weather-protected access between buildings and as a place of social interaction.

5.4.2.4 Vehicular:
- Design safe, convenient, and logical circulation systems.
- Minimize vehicular traffic within the interior portions of campus.
- Develop a streetscape that contributes to UAA branding and overall aesthetics.

5.4.2.5 Parking:
- Move parking away from the campus core to the perimeter of the campus so that it is convenient, unobtrusive, and makes sense for good traffic management.
- Minimize the visual intrusion of parked vehicles.
- As allowed within code requirements, address parking demands at an overall Campus level rather than responding to individual zone or building demands.

5.4.2.6 Transit:
- Coordinate user-focused shuttle routes, scheduling, and stop locations to provide efficient transfer time between classes, link perimeter parking, and connect to the regional transit systems.
- Provide for future transit and shuttle routes and stops that will give priority over other vehicles.

5.4.2.7 Open Spaces:
- Provide a network of open spaces that create a hierarchy of outdoor use from large multi-purpose open spaces to small plazas and seating areas.
- As feasible, integrate open spaces to provide multiple functions (such as recreation, habitat value, natural esthetics, and snow storage).
- Maximize views to and from character defining features.

5.4.2.8 Services (See Section 3.4): Food services which are accessed frequently (i.e. coffee or cold sandwich) should be dispersed consistently throughout the campus to accommodate transition periods between classes.
- Food services and minor amenities which are accessed for a longer break (i.e. warm meal) should be consolidated to key locations on the campus.
- Food, amenities, and services which are accessed on a less common basis (i.e. restaurant quality meal, book store, and copy center) should be consolidated into a single location.

5.4.3 Sustainability:
- Continue to emphasize campus development within or near the core campus.
- Promote a cohesive and coordinated campus-wide service network to allow for ease of access and reduce the overall level of resources required to adequately serve campus.
- Share resources across campus and between zones, where possible. This may include natural areas that serve as open space for one zone and snow storage for another.

5.4.4 Maintenance Considerations:
- Provide and coordinate service access, equipment, and staffing as required based on the level of service and infrastructure required.
- Include maintenance staff in higher level planning discussions to encourage development of ideas for increased efficiency across campus.
5.5 :: ZONE SCALE

This scale of planning relates to the zone specific attributes and the encompassing site(s) that may differ from adjacent zones. The campus is categorized into multiple unique zones and each zone contains one or more sites.

5.5.1 Intent:

- Ensure that development enhances and identifies the zone’s unique qualities in relation to adjacent zones.
- Implement UAA Campus Master Plan and Implementation Process (see Section 4.2)
- Follow all relevant UAA, local, state and federal requirements.
- Reference and follow the defined intent and character of the zone (see Section 5).

5.5.2 Guidelines:

5.5.2.1 Natural Systems:

- Optimize the utilization of a zone and its intended purpose to minimize negative impacts on adjacent natural systems, and to maximize beneficial relationships such as views, daylight, and access.

5.5.2.2 Wayfinding and Signage:

- Orient pedestrians within zones and provide an intuitive wayfinding experience.
- Zone orientation maps should be provided at main locations where pedestrian traffic enters into a campus zone as well as prominent intersections. The level of information on these panels will guide people to facilities and services.

5.5.2.3 Pedestrian and Non-motorized Pathways:

- Provide clear and easy connections to main campus pedestrian routes.

5.5.2.4 Vehicular:

- Provide convenient drop-off/pick-up locations as feasible.
- Locate and coordinate service areas within clusters of buildings to minimize conflicts with the pedestrian circulation system.
- Site parking facilities to prevent passing through the zone core for access or egress.

5.5.2.5 Parking

- At-grade parking should be discouraged, but if present prioritized for ADA accessible parking, maintenance access, car pool, and visitor parking.

5.5.2.6 Transit:

- Provide sufficient shuttle stops within each zone to facilitate even coverage and timely movement to other areas of campus.
- Stops should include Primary (sheltered) and Secondary (sign post).

5.5.2.7 Open Spaces:

- Develop building groupings to create coherent open spaces and to complement adjacent natural features as outlined in the Open Space Overlay (see Section 3.3)
- Define outdoor spaces through massing and orientation of buildings.

5.5.2.8 Service:

- Provide services as required in the zone and for completion of the campuswide service infrastructure.

5.5.3 Sustainability:

- Recognize unique zone resources and opportunities to maximize their use within and beyond the zone.
- Continue to emphasize strong, identifiable non-motorized circulation connections within campus zones, where possible.

5.5.2.9 Maintenance Considerations:

- Encourage participation from zone level faculty, students, and staff in planning, development, and maintenance discussions to foster ownership.

Consistent signage is a way to promote a clear identity and cohesive wayfinding on an otherwise diverse campus.

A combination of the climate-controlled Spine, covered outdoor pathways, and visually interesting snow covered trees and art celebrate the principles of Northern City Design.
5.6 :: SITE SCALE

This scale of planning is intended to balance the benefits of variation in design expression with the establishment of baseline requirements for projects. This will ensure a campus with visual variety and interest, within a framework of functional and aesthetic consistency. A site is located within a zone and contains one or more facilities.

5.6.1 General:

5.6.1.1 Intent:
- Design sites around the differing seasonal needs of campus users.
- Develop sites to increase density, as feasible.
- Develop sites that are well-integrated into campus-wide systems and neighboring facilities.
- Implement UAA Campus Master Plan and Implementation Process (see Section 4.3)
- Follow all relevant UAA, local, state and federal requirements.

5.6.1.2 Guidelines:
- See specific items below.

5.6.1.3 Sustainability:
- Recognize unique site resources and opportunities that can be enhanced and contribute to a project and adjacent sites.

5.6.1.4 Maintenance Considerations:
- Select systems and materials that are durable, energy-efficient, and easy to maintain.

5.6.2 Planting

5.6.2.1 Intent
- The UAA campus is generally considered to be within USDA Plant Hardiness Zone 4b, although it can vary significantly between its many microclimates. It is in a subarctic climate with strong maritime influence over weather conditions. Plant species should be chosen conservatively.

5.6.2.2 Guidelines
- Plantings should originate from UAA’s approved species list but may vary with approval from UAA’s Horticulturist. Prioritize overall health, survivability, and low level of required maintenance of plantings.
- Promote the use of aesthetic plants that are wildlife resistant.
- Consider the appearance and survivability of chosen plantings under heavy snow or during the darker winter season.
- Enhance the sensory experience on campus with the use of color, texture, fragrance, and sound for all seasons.
- Take the mature size and form of species into account during design.
- Expand the campus tree collection utilizing hardy and northern climate appropriate species.

5.6.2.3 Sustainability
- Limit the use of turf to areas with programmed use such as passive and active recreation and general event use.
- Place trees carefully to maximize solar gain of outdoor areas during all seasons, minimize solar gain for buildings during summer, and maximize solar gain for buildings during winter.
- Use native, cold-tolerant, and locally-adapted plant species whenever possible.

5.6.2.4 Maintenance Considerations
- Maintain campus safety and security through clear vision lines where circulation routes intersect to avoid user and wildlife conflicts.
- Generally focus on the use of trees and shrubs with deliberate use of perennials and annuals to maintain an attractive campus with balanced maintenance.

5.6.3 Lighting

5.6.3.1 Intent
- Lighting should be designed to promote safety while also adding another level of visual interest and accent during evenings as well as during the darker winter months that make up the majority of the traditional academic year.

5.6.3.2 Guidelines
- Avoid glare, light spillage, and sharp contrasts with unlit spaces.
- Consider lighting elements to accent campus features or artistic lighting elements that provide visual interest.

5.6.3.3 Sustainability
- For energy efficiency, consider utilizing minimum lighting levels required by code and campus standards. Design focus should be placed on contrast ratios versus standard foot candle light levels.

5.6.3.4 Maintenance Considerations
- Consider durability and lifespan when selecting light fixtures.

Well-lit, sheltered, and convenient bike storage promotes a bike and pedestrian friendly campus.
5.6.4 Furnishings

5.6.4.1 Intent

• Select site furnishings that give definition to campus outdoor spaces, provide places for social gathering, maintain cleanliness, and lend to the unified character of UAA.

5.6.4.2 Guidelines

• Provide site furniture that meets ADA requirements.
• Consider ease of use and/or user comfort during periods of heavy snow or ice accumulation.
• Bike storage should be convenient and near, but clear of building entrances and emergency vehicle routes.
• Benches, seating walls, and places to gather in diverse, sunny places around the campus should be considered. Siting surfaces should favor materials that warm quickly with body temperature.
• Provide a range of exterior seating that is appropriate for individual, small and large groups as feasible.

5.6.4.3 Sustainability

• Selected furnishings should be durable in extreme local climatic conditions (dryness, cold, snow and ice accumulation, and removal) and have long expected lifespans.

5.6.4.4 Maintenance Considerations

• Minimize the number of unique furnishing models on campus in order to simplify the stockpiling of components and repairs.
• Furnishings should be secured in place, vandal-resistant, and should not require extensive on-going maintenance.
• Locate furnishings to avoid conflicts with wildlife and maintenance including snow removal and snow storage.

5.6.5 Site Grading & Drainage

5.6.5.1 Intent

• The design and integration of site grading and drainage can enhance the site experience, user safety, and maintenance.

5.6.5.2 Guidelines

• Contoured slopes are generally preferable to retaining walls. Where retaining walls are necessary, consider incorporating them into other design features, such as stairs, ramps, and planters, if feasible.
• Slopes should be designed and appropriate to their use for facilitating drainage, limit soil erosion, avoid slides, and instability.
• As required, meet accessibility requirements.

5.6.5.3 Sustainability

• Provide grades that eliminate the potential for slope erosion.
• Strive to maintain and enhance natural drainage patterns.
• Encourage natural infiltration and evaporation where possible to reduce water run-off and remove sediments during storm events.
• Where feasible, maintain (or develop) appropriate vegetative buffers where upland areas border Class A wetlands.
• Minimize access to class ‘A’ wetlands and if necessary, construct boardwalks or bridges where pathways must cross sensitive areas such as class ‘A’ wetlands.

5.6.5.4 Maintenance Considerations

• Slopes that require maintenance should be designed at 1:3 (Rise:Run) or shallower.
• Design areas of expected sedimentation to allow removal of debris as required.

5.6.6 Paving

5.6.6.1 Intent

• Paving is not only important for allowing successful campus vehicular and pedestrian circulation, it also provides a unified sense of identity to UAA.
• Design and select paving to provide visual consistency, to create site-specific character, and for sustainability.

5.6.6.2 Guidelines

• Meet all current ADA criteria for slopes, width, and finishes, including non-slip surfaces for all seasons.
• Consider materials that are in line with the overall identity of UAA, not just the immediate context of adjacent development.
• When snow-melt systems are used, consider how to address ice build-up adjacent to extents of use.

5.6.6.3 Sustainability

• As feasible, use materials with post-consumer recycled content when other considerations allow.
• Consider pervious pavements in service and low traffic areas.

5.6.6.4 Maintenance Considerations

• Provide a high level of structural stability to reduce the potential for heaving.
• Layout of paved landscape areas should facilitate regular all-season maintenance.
• Coordinate adjacent vegetation to allow linear or nodal snow storage at appropriate intervals.
5.6.7 Snow Storage

5.6.7.1 Intent
- Near Term: For the current and near-term level of development on the campus, addressing snow storage at the site level is appropriate.
- Far Term: As the campus becomes denser and more parking structures are constructed, it is anticipated that the ratio of impervious surfaces that will need to have snow removed (i.e. parking lots) as compared to areas where snow can be left in place (roofs) will become less. This means that a long-term strategy for maintenance of snow on-site may not necessarily need to deal with larger volumes of snow, rather it will deal with maintaining snow at a site ‘distributed’ level.

5.6.7.2 Guidelines
- Snow storage should be accommodated on-site, as feasible.
- Site-specific snow storage areas should meet MOA requirements.

5.6.7.3 Sustainability
- Follow best practices for addressing snow melt in the spring to minimize runoff.
- Design sites to minimize the requirement for snow removal.

5.6.7.4 Maintenance Considerations
- As feasible, less emphasis should be placed on trucking and removal to snow storage sites.
- Locate snow storage to allow ease of access, seasonal maintenance, and general upkeep.

5.6.8 Pedestrian and Non-Motorized Pathways

5.6.8.1 Intent
- The intent of the pedestrian circulation system is to streamline the path of travel from the campus perimeter to a destination point, and between destination points on campus. The goal is to develop a hierarchical system where flow is evenly distributed (or aggregated) to maximize efficiency, and to minimize time and effort.

5.6.8.2 Guidelines
- Extend pathways across zone boundaries into adjacent campus systems.
- Integrate ADA accessible routes in a visually cohesive manner. Routes should be direct and provide a similar quality and hierarchy of circulation as those provided for able bodied persons.
- Restrict pedestrian access to environmentally sensitive areas.
- Coordinate with MOA, ADOT&PF and others to provide pedestrian amenities in public rights-of way, including shelter, seating, lighting, street trees, planters, and other street furniture.
- Provide separation between pedestrian routes and vehicular circulation, as feasible.
- On bikeways maintain sight distance clearances appropriate to design speeds for bicycle traffic.
- Provide bicycle racks in a secure area at all major campus destinations to encourage their use for campus access.

5.6.8.3 Sustainability
- Encourage and promote the utilization of the non-motorized pathway and shuttle system over the vehicular system in all campus projects.

5.6.8.4 Maintenance Considerations
- Consider ease of snow and ice removal in pathway design and material selection.
- Coordinate with vehicular snow removal to maintain connectivity on the pathway systems.
- Consider ease of maintenance and vegetation trimming requirements on pathways adjacent or within undeveloped wilderness areas.
5.6.9 Vehicular Circulation

5.6.9.1 Intent

• In order to minimize traffic within the campus, the intent of the system is to provide convenient parking at the campus perimeter. As a component of the overall campus circulation system, parking areas will provide convenient access to pathways and shuttles to allow people to reach their destinations, and to move between them during the day. The goal is to develop a hierarchical system where flow is evenly distributed (or aggregated) to maximize efficiency, and to minimize time and effort.

5.6.9.2 General Guidelines

• Extend streets across zone boundaries into adjacent campus systems, while minimizing traffic in the core areas of campus.

• Design roads to encourage driving at speeds appropriate to an environment where pedestrians are present.

5.6.9.3 Parking Guidelines

• Screen parking areas from sensitive viewpoints with buffer zones.

• Minimize creation of new surface parking lots.

• Parking Structures:
  ◦ Design for ease of access and egress for both pedestrian and vehicular circulation.
  ◦ Locate and design parking structures so that they have minimal impact on natural light or views from within buildings, and do not compromise future expansion of academic facilities.
  ◦ Adhere to safety-in-design guidelines for parking structures. Maintain good, uniform lighting, minimize opportunities for personal concealment, and provide a high degree of transparency.

• Design for snow storage or disposal without significantly reducing the parking supply or adjacent campus circulation systems.

• Provide ADA accessible parking as required for each facility.

• Each facility should provide both temporary and reserved maintenance parking, as feasible.

5.6.9.4 Transit Guidelines

• Shelters with route and time information, natural daylight, high degree of transparency, supplementary night lighting, and windscreen protection should be considered.

• SeaWolf Shuttle Stops should include Primary (sheltered) and Secondary (sign post) stops.

5.6.9.5 Sustainability

• Use adjacent campus plantings, or plantings specific to circulation systems to intercept rainwater, provide air quality benefits, screen, and to reinforce the campus wayfinding system.

5.6.9.6 Maintenance Considerations

• Coordinate snow removal programs with the MOA, ADOT&PF and others to maintain connectivity throughout UAA and the U-Med District for all forms of travel.

5.6.10 Signage

5.6.10.1 Intent

• Campus signage is an important communication tool with the campus user, assisting in wayfinding, providing information on campus functionality, and identifying various features. Consistent signage is a cost effective way to confer consistent identity on a diverse campus.

5.6.10.2 Guidelines:

• Implement UAA Signage Master Plan.

5.6.10.3 Sustainability

• Cohesive signage can encourage utilization of the pedestrian circulation system and increase the overall efficiency of the campus.

5.6.10.4 Maintenance Considerations

• Signage should be secured in place, vandal-resistant, and should not require extensive on-going maintenance.

• Locate signage to avoid conflict with wildlife and maintenance including snow removal and snow storage.

5.6.11 Art

5.6.11.1 Intent

• Give expression to the Arts in the architecture and landscape through integral design at a site scale.

5.6.11.2 Guidelines

• Use public art to identify, define and enhance campus focal areas, streetscape, open space, and building clusters.

• Placement of each art piece should relate to its immediate surroundings, context within the campus, and associated academic program.

• Using pieces of student, faculty, and alumni created artwork can further develop a sense of ownership and should be considered.

5.6.11.3 Sustainability

• Consider opportunities to celebrate and embrace local artists, resources, and natural systems in art.

5.6.11.4 Maintenance Considerations

• Art should be secured in place, vandal-resistant, and should not require extensive on-going maintenance.

• Locate art to avoid conflicts with wildlife and maintenance including snow removal and snow storage.
5.7 :: ARCHITECTURAL GUIDELINES

The UAA campus has grown organically over time and as a result, has a diverse architectural character. Past master plans have provided the freedom for buildings to be of their time, with encouragement to be unique yet fit within an overall campus framework. Within this framework, the Architectural Guidelines are intended to provide guidance to ensure that buildings balance unique design directions with overall campus visual identity and character.

5.7.1 All Facilities

5.7.1.1 Intent

• Design facilities around the differing seasonal needs of campus users.
• Develop facilities that integrate and complement campuswide systems while still offering a unique identity that is specific to its function and program.
• Develop facilities with consistent materials and systems.
• Give expression to the Arts in the architecture and landscape through integral design.
• Implement UAA Campus Master Plan.
• Follow all relevant UAA, local, state and federal requirements.

5.7.1.2 Guidelines

• Design and build facilities that can accommodate program change, are cost effective, and durable.
• Develop with a goal of universal accessibility.
• Consider building frontages and entrances (see Section 3.1.2) in all development.
• Ensure that each construction project continues to develop and improve campuswide systems.
• Meet emergency management best practices:
  ◦ Provide redundant all-weather emergency access routes.
  ◦ Develop to allow quick and safe emergency evacuation.
  ◦ Provide easy emergency access to utilities.

5.7.1.3 Sustainability

• Emphasis daylight and views throughout a building.
• As feasible, favor energy efficient building designs and systems.
• As feasible, favor local and regional materials.
• Evaluate interior materials from an indoor air quality perspective.
• Continue to evaluate, monitor, and adjust buildings for optimal performance.

5.7.1.4 Maintenance Considerations:

• Evaluate decisions from a northern climate, long-term maintenance, and life-cycle cost perspective.
• As feasible, standardize materials and systems.
5.7.2 Building Orientation and Location

5.7.2.1 Intent

Building location and orientation is important to how a building reflects and relates to its surroundings. It also plays a critical role in campus circulation and wayfinding, in that each building acts as a major node within the circulation system.

5.7.2.2 Guidelines

- **General:**
  - Ensure building siting and configuration does not compromise flexible accommodation and siting of future facilities and zone amenities.
- **Relationships to adjacent spaces:**
  - The location and orientation of primary entrances and active building frontages should address and complement main open spaces, circulation routes including at-grade and the Spine, and predominant winds.
  - Entrances should consider pedestrian circulation around and potentially through the building.
  - Where possible, provide view corridors between building entrances and building façades that cross outdoor open spaces and assist in campus wayfinding.
  - Cluster or group buildings of similar style, scale, and materials.
  - Group buildings to maximize shared service access and service yards and minimize conflicts with the pedestrian circulation system.
- **Relationship to larger landscapes:**
  - Maximize views of character defining features.
  - Maximize daylight to office and common spaces.
  - Prioritize appropriate internal building uses with view opportunities, including direct first floor connections to natural spaces and the potential for sweeping views from upper stories.
  - Site and orient buildings to respect and strengthen established and create additional axial relationships to other buildings and features.
  - Where appropriate, site buildings to extend the Spine.
- **Relationship to climate:**
  - Space buildings to minimize shading of other buildings, primary open spaces, and primary pathways.

5.7.2.3 Sustainability

- **Site, orient, and design campus buildings to maximize usable daylight, minimize glare, and negative solar gain.**
- **Consider and plan for prevailing winds in the area.**
- **Locate buildings to minimize disturbance to natural systems.**

5.7.2.4 Maintenance Considerations

- **Consider snow removal and user access requirements.**
- **Maintenance and service access should be easily accessible for maintenance staff, but not for average building users.**

5.7.3 Relationship of Interior to Exterior at Ground Floor

5.7.3.1 Intent

A strong relationship between the interior of a building's ground floor and its exterior spaces will enhance the functionality of the campus. A building's exterior should be considered an extension of its interior, providing spaces for its users at varying programmatic levels. Building entries, lobbies, and plazas generally function as the highest level of human interaction with a building. It is very important to provide a sense of human scale at this location on a building to more thoroughly enhance the transition area between a building and its outdoor environment.

5.7.3.2 Guidelines

- **The design of the entries and ground floors of buildings should be closely coordinated with the design of the adjacent open spaces, plazas or courtyards.**
- **Building entries should:**
  - Incorporate a canopy or other feature to mark the entry.
  - Articulate the design to clearly differentiate primary, secondary, and service entrances.
  - Locate building name on all doors and at loading dock/service areas.
  - Limit blank walls at ground level, to increase visual interest and to provide oversight of walkways for safety.
  - Orient building entrances towards pedestrian approaches.
  - Provide power to courtyard and exterior areas as required by program needs.

5.7.3.3 Sustainability

- **Provide arctic entries that shelter from predominant winds to reduced energy loss and provide a stronger transition.**
- **Consider solar, wind, and precipitation at each entry and how it could benefit building users.**

5.7.3.4 Maintenance Considerations

- **Consider snow removal and walk-off debris control requirements at all building entrances.**
- **Provide access control plans for securing building when necessary.**
- **Create identifiable main points of entry for building users, making access control easier when needed.**
5.7.4 Building Massing and Articulation

5.7.4.1 Intent
• Appropriate building massing and articulation can enhance the human scale of the campus. In general, newer buildings are larger in scale and denser than older buildings as programming needs have change for UAA.

5.7.4.2 Guidelines
• Articulate the massing of new buildings so that volumes and surfaces are responsive in scale with those of neighboring structures, and fit the character of the campus as a whole.
• Divide large buildings into smaller components and incorporate smaller-scale elements on lower levels to reduce the overall scale.
• Use forms that effectively screen service areas, utilities, and equipment from ground level views as well as views from other buildings and natural features. Where possible, fully integrate with the architecture.

5.7.4.3 Sustainability
• Effective building massing can optimize access to views, solar orientation, natural ventilation, and passive heating and cooling and thus reduce building energy use.

5.7.4.4 Maintenance Considerations
• Consider snow, vegetation debris accumulation, and drifting as it relates to building massing.

5.7.5 Common Interior Spaces

5.7.5.1 Intent
• Common interior spaces give definition to buildings and provides places for social gathering.

5.7.5.2 Guidelines
• Consider ease of use, required amenities, and comfort for extended use.
• Each facility should be provided with internal seating opportunities throughout the building for users that adequately support the intended use and number of people anticipated.
• Provide visual connection between interior and exterior spaces including pedestrian and vehicular routes where possible.

5.7.5.3 Sustainability
• Minimize solar glare to reduce fading and aging of materials.

5.7.5.4 Maintenance Considerations
• Minimize the number of unique furnishing models on campus in order to simplify the stockpiling of components and repairs.
• Furnishings should be secured in place, vandal-resistant, and should not require extensive on-going maintenance.
• Locate furnishing to avoid conflicts with internal circulation.

5.7.6 Building Materials, Systems, and Color Palette

5.7.6.1 Intent
• Selection of building materials and systems should both reflect the uniqueness of the building as well as relate back to its surroundings. Exterior materials and colors should relate to and harmonize with existing buildings.
• The selection of building materials should establish a sense of permanence and quality on the campus.

5.7.6.2 Guidelines
• Selection of materials should be based on the following considerations:
  ◦ Long-term durability, ease of maintenance, replacement, and vandalism resistant.
  ◦ Appropriate for climatic conditions.
  ◦ Life-cycle cost analysis.
  ◦ Energy consumption reduction.
  ◦ Textural variety.
  ◦ Limited use of highly reflective materials.
• Consider perimeter-based long span structural systems and floor-to-floor heights that will accommodate future remodeling and overall facility flexibility.
• Consider the use of colors and tones found in the native Alaskan landscape to provide contrast to the winter season, which is generally lacking in color.

5.7.6.3 Sustainability
• Ensure that each new and remodeled building contributes to stewardship of the natural environment by adhering to the principles of green design in the selection of appropriate systems and materials, as practicable.
• Use life cycle costs analysis in assessing the value of each system and material choice.

5.7.6.4 Maintenance Considerations
• Minimize the number of unique materials and systems in order to simplify the stockpiling of components, repairs, and required training.
• When evaluating mechanical systems, consider the value of reduced maintenance versus reduced cost.
• Encourage participation of maintenance staff during building system discussions.
Appendix

Section 6

The Consortium Library successfully harvests usable daylight and is orientated for views to the Chugach Mountains.
6.1 :: STRATEGY & POLICY COMPLIANCE

6.1.1 :: Strategic Direction Initiative

- Student Achievement and Attainment
- Productive Partnerships with Alaska's Schools
- Productive Partnerships with Public Entities and Private Industries
- Research and Development to Sustain Alaska's Communities and Economic Growth
- Accountability to the People of Alaska

6.1.2 :: Regents Policy Compliance

Compliance with UA Board of Regents Master Plan Policy has been maintained. The appropriate UAA Master Plan section discusses or addresses the UA BOR Master Plan Element from Policy P05.12.030.B.

**Section 1.7-1.9; 6.3 Policy**

1. Projected enrollment and other factors affecting the need for facilities and infrastructure;
2. General areas for land acquisition and disposal;
3. The general location of new or upgraded infrastructure, including roads, parking, pedestrian circulation, transit circulation, and utilities;
4. Demolition of buildings, structures, and facilities;
5. General location, size, and purpose of new buildings, structures, and facilities;
6. Guidelines for landscaping;
7. General location and intent for open spaces, plazas, etc.;
8. Guidelines for signage, both freestanding and on buildings and structures;
9. Architectural guidelines for all buildings, structures, and facilities;
10. Environmental and cultural issues, ADA access, and energy conservation;
11. The relationship of the campus to its surroundings and coordination with local government land use plans and ordinances; and
12. General priorities for capital projects.

An aerial view across the East Academic Zone towards Goose Lake.
6.2 :: PEER SPACE BENCHMARKING

In conjunction with the Master Plan update, a space benchmark study analysis was performed to provide a comparison of academic and support space of UAA to its peers. Space benchmarking provides a broad estimate of space needs for master planning purposes. However, once specific building programming begins, space analysis should shift to a detailed room-by-room programmatic needs required for each specific program to be housed.

Space benchmarking methodologies:

• Space per faculty by department.
• Space per student which was computed in both FTE (full-time equivalent) and space per total full-time plus part-time student headcount.
• In addition to the above methodologies, each benchmarked academic and support unit was further broken down into National Center for Education Statistics (NCES) Room Codes. Please see Bibliography for additional information.

The following academic spaces were included:

• College of Arts and Sciences
• College of Business and Public Policy
• College of Education
• College of Health
• School of Engineering
• Library
• Study Space
• Indoor Recreation
• Student Center/Union

The following academic spaces were not included in the study based on available data from benchmark campuses or they were concluded to not have significant space needs.

• UAA Community and Technical College (CTC)
• Honors College
• Graduate School

The six comparative institutions in the study include:

• Idaho State University (ISU) Idaho Falls, Idaho
• Southern Connecticut State University (SCSU) New Haven, Connecticut
• University of Nebraska-Lincoln (UNL) Lincoln, Nebraska
• University of Nevada, Reno (UNR) Reno, Nevada
• University of North Carolina at Greensboro (UNCG) Greensboro, North Carolina
• University of North Dakota (UND) Grand Forks, North Dakota

Space Comparison of ASF per Student Headcount, University of Alaska Anchorage vs. Benchmark Institutions

Space Comparison of ASF per Faculty, University of Alaska Anchorage vs. Benchmark Institutions

Space Comparison of ASF per Student Headcount, University of Alaska Anchorage vs. Benchmark Institutions

Space Comparison of ASF per Faculty, University of Alaska Anchorage vs. Benchmark Institutions

Space Comparison of ASF per Student Headcount, University of Alaska Anchorage vs. Benchmark Institutions

Space Comparison of ASF per Faculty, University of Alaska Anchorage vs. Benchmark Institutions
6.3 :: FACILITY PROJECTIONS

6.3.1 :: Overview

A companion to the Master Plan is the UAA Capital Improvements Plan (CIP). Its purpose is to identify specific options for implementation of the Master Plan one project at a time. The CIP is a separate document because as each project is accomplished, the range of options for other projects – for possible building sites, for example – is diminished, thus limiting the useful life of the document. By contrast, the Master Plan is a strategic document in which enduring principles of campus organization and improvement are presented.

For any proposed new facility, available sites on campus are limited by the supply of developable land within each appropriate zone, by the ability to access and service the site properly, by functional adjacency needs of the new facility, and often by the need to relocate and enhance displaced facilities, such as pathways, utilities or parking.

The CIP is arranged by potential development projects and their anticipated sites based on the Master Plan implementation process. Many sites could satisfy the needs of several different facilities, while others might be suited only to a particular type of facility as identified by the zone, such as student housing. The characteristics of each site within the zones are described, and a conclusion is drawn as to which of the priority projects identified in the master plan best fit the intent of the particular site, and what ancillary responsibilities must be funded as part of the project. Thus the basis for total construction cost, as opposed to isolated facility construction costs, can be generated when a decision on siting is imminent.

Much of the strategic direction provided by the Master Plan can be implemented through application of the guiding principles, infrastructure, zoning, and design guidelines. The CIP and the Master Plan implementation process provide the tools for project development that is consistent with the recommendations of the Master Plan. It packages that information concisely so that University decision-makers can have ready access to it, and are thus enabled to make well-informed decisions about the allocation of investment in campus facilities and their impact on the future vision of UAA.

6.3.2 :: Capital Improvement Plan

The Capital Improvement Plan is developed as a preliminary projection for the next 10 year period. At the end of the Fiscal Year (FY) 2013, the FY in which the Master Plan has been developed, the scope of this projection will be from 2013-2023. The companion Capital Budget Request is submitted every year for the next budget (two years in advance) and updates the capital requirements for a six-year period. For this same representative block of time that the Capital Improvement Plan was assessed (2013-2023), the Capital Budget Request was developed for FY15-20. The figure to the right highlights the priority and cost of projects approved for development by UA and UAA to support strategic and academic needs in the near term. New projects for approved programmatic needs will be added to this CIP in the future and priorities reassessed annually to synchronize with the Master Plan and meet the dynamic needs of the Strategic and Academic Plans.

Table: University of Alaska Anchorage Capital Requests for FY15-20

<table>
<thead>
<tr>
<th>UAA FY15 Rank</th>
<th>Project Name</th>
<th>Total Project Cost (TPC) (in $000s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Campus Building Envelope &amp; Roof System Renewal</td>
<td>2,000,000/year</td>
</tr>
<tr>
<td>2</td>
<td>Campus Building Interior &amp; Systems Renewal</td>
<td>1,000,000/year</td>
</tr>
<tr>
<td>3</td>
<td>Campus Exterior Infrastructure and Signage Renewal</td>
<td>250,000/year</td>
</tr>
<tr>
<td>4</td>
<td>EM1 and EM2 Mechanical</td>
<td>5,580,000</td>
</tr>
<tr>
<td>5</td>
<td>WFSC Near Term Renewal &amp; Repurposing</td>
<td>5,000,000</td>
</tr>
<tr>
<td>6</td>
<td>Consortium Library Old Core Mechanical Upgrades</td>
<td>12,000,000</td>
</tr>
<tr>
<td>7</td>
<td>Fine Arts Mechanical System Renewal</td>
<td>7,582,000</td>
</tr>
<tr>
<td>8</td>
<td>Caddy Hall Renewal</td>
<td>15,600,000</td>
</tr>
<tr>
<td>9</td>
<td>Social Science Building Renovation</td>
<td>23,500,000</td>
</tr>
</tbody>
</table>

For a given fiscal year (FY), the Capital Improvement Plan (CIP) is updated annually through a process involving information from the Master Plan and feedback from the academic community, and for this year it includes plans for a six-year period.

Recent capital improvement upgrades to the Science Building continue to enrich the academics and student life at UAA.
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Utility Overview

UAA is making a concentrated effort towards a more sustainable campus by reducing energy consumption, carbon emissions, and the depletion of non-renewable resources. Some key initiatives include green buildings, the installation of energy efficient LED lights, active recycling programs, and the promotion of multi-modal transportation, ridesharing and public transportation.

All utilities are readily available and UAA is served by Enstar Natural Gas Company, Anchorage Municipal Light and Power, Anchorage Water and Wastewater Utility, Alaska Communications Systems, and General Communications Inc. Even as conservation initiatives continue to succeed, demands on the utility systems will increase as the campus develops. On-going maintenance, upgrading and modifications will be required to meet the changing demands and support sustainability goals. Of special importance will be information technology (IT) infrastructure to support rapidly changing classroom technology and distance education programs.

The mapped utility information is based primarily on the 2006 UAA Utility Master Plan with updates from significant new construction projects since 2006.

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**LEGEND:**

- Municipal Light and Power Owned Electrical
- UAA Owned Electrical
6.4.2 :: UTILITIES :: COMMUNICATIONS

LEGEND:
- Copper / Fiber
6.4.3 :: UTILITIES :: WATER/STORM/SEWER

LEGEND:

- Water
- Storm
- Sewer
6.5 :: UAA HISTORY

Alaska was still a territory in 1915 when the United States Congress set aside federal lands near Fairbanks for a land-grant college. In 1917, Alaska's territorial legislature approved a statute establishing the Alaska Agricultural College and School of Mines which opened in 1922. In 1935, the institution was renamed the University of Alaska. Today, there are three universities and one community college in the state system: University of Alaska Southeast, University of Alaska Fairbanks, and the University of Alaska Anchorage, and Prince William Sound Community College. UAA is the largest university in the system and includes three community campuses: Kenai Peninsula College, Matanuska-Susitna College, and Kodiak College. Prince William Sound reports to the UA system through the UAA Chancellor.

The University of Alaska first offered classes in Anchorage in 1950 at Fort Richardson. Anchorage Community College (ACC), a joint venture of the Anchorage Independent School District and the University of Alaska, opened in 1954 in the second floor of what is now West High School. Five years later, Alaska became the 49th state in the union. ACC became a unit of the University of Alaska in 1962. Construction began in 1968 on a new ACC campus in the Goose Lake area, now known as the U-Med District.
The original community college campus took form in 1971 when four buildings were completed around a rectangular maintained green space. These included Eugene Short Hall, Sally Monsrud Hall, Beatrice McDonald Hall, and Gordon Hartlieb Hall. Each of these buildings is still in use today. In 1972 the Lucy Cuddy Center was built, which provided a place for the community college students to eat, gather, and also learn about the hospitality industry.

The University of Alaska, Anchorage (UA, A) was created in 1971 to contain Anchorage Community College and the newly formed Anchorage Senior College. The Consortium Library was the first building constructed to the east of the community college campus and the Chester Creek greenbelt and was shared by the two universities in the U-Med District: The University of Alaska, Anchorage (Anchorage Community College and Anchorage Senior College), and Alaska Methodist University (a private institution). By 1974 the Anchorage Senior College building (now referred to as the Social Sciences building) was added and connected physically to the Consortium Library.

UA, A meanwhile added Buildings K and J (now referred to as the Professional Studies and the Auto/Diesel Technology) to the community college campus in 1973. In 1975, an addition to the Professional Studies Building was constructed as a Performing Arts Space (now referred to as the Wendy Williamson Auditorium and Memorial Lecture Hall). Towards the latter part of the 1970s, UA, A added the Sports Center and Campus Center buildings which began to enrich student life.
In 1977, the Regents separated Anchorage Community College from UAA, now composed of the units of the former Anchorage Senior College. The community college’s last buildings were constructed in 1983; Allied Health and the Book Store. In 1977 the Science Building was added which expanded the UAA campus to two buildings. By the start of the 1980s the UAA campus began to expand rapidly. First came Engineering, then the Administration and Humanities buildings (now referred to as the Administration Building), and student housing was built and occupied by 1985. The advent of student housing marked a significant change to the campus atmosphere. Until then, all had students had commuted. The Fine Arts building was the last facility to be constructed in the 1980s.

In 1987 the Regents merged the former UAA, Anchorage Community College, Kenai Peninsula College, Kodiak Community College, and Mat-Su Community College into a single entity: the new University of Alaska Anchorage (UAA).

In the 1990s new construction on the Anchorage campus consisted of the Business Education building, student housing, and the Central Garage. The Business and Education building, now known as Rasmuson Hall, was the first new building built on the former community college campus. This building is also the western starting point for the enclosed elevated walkway referred to commonly as the “Spine.” The elevated walkway was not entirely enclosed until 2002, providing full weather protection. Today the Spine includes informal student gathering spaces, study areas, and extends from the Business Education building to the Consortium Library. Other buildings include the addition to the Consortium Library and the Ecosystems Biomedical Laboratory (EBL).

Significant new construction on the Anchorage campus since the year 2000 includes the Alaska Native Science and Engineering Program (ANSEP) building, the Conoco Phillips Integrated Sciences building and adjacent parking garage, and a new Health Science building on recently acquired land on the south side of
Providence Drive. A new undeveloped parcel has also been acquired at the southeast corner of Providence Drive and Lake Otis Parkway. Currently under construction is the Alaska Airlines Center, and a new Engineering Building.

Other off-campus additions have been made to the UAA real estate holdings in the past thirty years: the Aviation Building at Merrill Field, the 7th and A Street Building in downtown Anchorage, the University Center, and the Bragaw Office Complex. All of these buildings provide teaching, research, and learning spaces for the university.

UAA’s Anchorage campus has evolved in the last 43 years from its beginnings as a community college to a full scale university that competes on a national level in academics, research, and athletics. It also provides a unique experience to students as a university in a major sub-Arctic city.
Bibliography

UAA REFERENCES & RESOURCES

• UAA Campus Master Plans (1990 / 2004 / 2009)
• UAA Strategic Plan (2017)
• UAA Accreditation Plan (2017)
• UAA Academic Plan (2009 – update in process)
• UA Academic Plan (2011-2015)
• UAA Energy Study (2008)
• UAA Energy Policy (2007)
• UAA Unified Signage Plan (2007)
• UAA Utility Master Plan (2006 – update in process)
• UAA Peer Space Benchmarking Study (2013)

REGIONAL REFERENCES & RESOURCES

• Municipality of Anchorage – Title 21
• Anchorage 2020 Comprehensive Plan (2001)
• Universities and Medical District Framework District Plan (2003)
• Framework Master Plan Municipality of Anchorage Bicycle Plan (2010)
• Anchorage Bowl Park, Natural Resource and Recreation Facility Plan (2006)
PROJECT CHANGE REQUEST

TO: Pat Gamble  
President

TO: Kit Duke  
AVP Facilities and Land Management

THROUGH: Tom Case  
Chancellor

THROUGH: Bill Spindle)  
Vice Chancellor Administrative Services

THROUGH: Chris Turletes  
Associate Vice Chancellor Facilities and Campus Services

THROUGH: John Faunce  
Director of Facilities Planning and Construction

FROM: John Hanson  
Project Manager

DATE: August 29, 2013

SUBJECT: Project Type: New Construction and R&R Project  
Project Name: Engineering and Industry Building  
Project No.: 08-0024

Cc: Total Project Cost $ 123,200,000  
Approval Level: Full Board
**Academic Project Program Resource Planning Status Report**  
**UAA Engineering and Industry Building Project – Project Change Request**

This project constructs a new facility, parking structure and completes major deferred maintenance and renewal of existing facilities to meet the existing needs of the UAA Engineering program and was initiated prior to acceptance of the Program Resource Planning process by the Regents.

This project change request is required to allow UAA to spend the FY14 Capital Appropriation as outlined in the project development documents.

**Milestone #0**  
Mission Area Analysis: (Completed as part of Ira Fink Engineering Study) Date: 03/11  
Statement of Need: (Completed as part of Ira Fink Engineering Study) Date: 03/11

**Milestone #1**  
SAC Review: (Completed as part of Ira Fink Engineering Study) Date: 03/11

**Milestone #2**  
Preliminary Administrative Approval: Date: 11/10

**Milestone #3**  
Statement of Requirements: (Completed as part of Ira Fink Engineering Study) Date: 03/11

**Milestone #4**  
Business and Financing Plan: (Developed in conjunction with FPA) Date: 09/23/11  
Operating Budget Request Date: FY11, FY13, FY14 & FY15  
Capital Budget Request: Date: FY11, FY13, FY14 & FY15  
Legislative Funding: FY11, FY13, FY14  
Board Approval of Capital Budget Distribution: FY11 Date: 06/03/10  
 FY13 Date: 06/07/12  
 FY14 Date: 06/06/13

**Milestone #5**  
Formal Project Approval: Date: 09/23/11  
Schematic Design Approval: Date: 11/19/12

**Milestone #6**  
Construction Started: Date: 05/13  
**Project Change Request #1 (Current action requested)** Date: 09/26/13  
Construction Completed: Date:  
Beneficial Occupancy: Date:  
Final Project Report: Date:  ____
PROJECT CHANGE REQUEST

Name of Project: Engineering and Industry Building
Project Type: New Construction
Location of Project: UAA, Engineering and Industry Building, AS162, Anchorage, AK
Project Number: 08-0024
Date of Request: August, 29, 2013

| Total Project Cost: $123,200,000 | Increase spending authority by $15,000,000 |
| Approval Required: Full Board |
| Prior Approvals: Preliminary Administrative Approval November 2010 |
| Formal Project Approval September 23, 2011 |
| Schematic Design Approval (partial) June 8, 2012 |
| Schematic Design Approval (partial) September 28, 2012 |
| Schematic Design Approval (full) November 19, 2012 |

A Project Change Request (PCR) is required for all Capital Projects with a Total Project Cost in excess of $250,000.

For projects that have changes in the source of funds, increases or decreases in budget, savings to the construction budget, and/or material changes in program or project scope identified subsequent to schematic design approval shall be determined by the chief facilities officer based on the extent of the change and other relevant circumstances. This determination requires judgment, but will generally be based on the nature of the funding source, the amount, and the budgetary or equivalent scope impact relative to the approved budget at the schematic design approval stage. Any changes with an estimated impact in excess of $400,000 will require approval by the Facilities and Land Management Committee (F&LMC) or the full Board of Regents depending on the amount of the impact.

Action Requested
The Facilities and Land Management Committee recommends that the Board of Regents approve the Project Change Request for the University of Alaska Anchorage Engineering and Industry Building Project as presented in compliance with the campus master plan, and authorizes the university administration to continue with project construction adding $15.0 million in FY14 capital funding, not to exceed a total expenditure of $77.6 million. This motion is effective September 26, 2013.

Project Change Request Abstract
In June 2012, the Board of Regents authorized the University of Alaska Anchorage to spend up to $62.6 million to proceed with construction on the new UAA Engineering and Industry Project. In the approval, UAA noted anticipated funding from an FY14 State of Alaska appropriation. The State of Alaska provided $15 million of the requested $48.3 million in FY14 funding. UAA is requesting authorization to spend the FY14 funds. The additional $15 million in funding will allow UAA to continue with construction and work to further the completion of the facility while additional funds are sought from the State of Alaska.
RATIONALE AND REASONING

Background
No variance from the approved Schematic Design

Programmatic Need
No variance from the approved Schematic Design

Project Scope
No variance from the approved Schematic Design

Project Impacts
No variance from the approved Schematic Design

Variances
The Board of Regents previously authorized UAA to design the project to a total project cost of $123.2 million, but limited actual spending to $62.6 million (the funding actually available from FY11 and FY13 capital appropriations). UAA is seeking authorization to spend $15.0 million funding from an FY14 State of Alaska Capital Appropriation. The additional funds will increase the authorized spending level to $77.6 million.

With FY14 Capital Appropriation, UAA will need an additional $3,000,000 to be able to complete and occupy the New Engineering Building. Additional funds will be required to provide additional parking to comply with Municipality of Anchorage code requirements before occupancy and to renovate the space vacated in the existing Engineering Building to allow it to be occupied.

Total Project Cost and Funding Sources

<table>
<thead>
<tr>
<th>Funding Title</th>
<th>Fund/Org Account#</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>FY 11 UAA/SW Engineering Plan</td>
<td>564337</td>
<td>$140,000</td>
</tr>
<tr>
<td>FY 11 UAA Engineering Building Planning</td>
<td>564341</td>
<td>$3,860,000</td>
</tr>
<tr>
<td>FY13 UAA Engineering and Industry Bldg</td>
<td>564381</td>
<td>$58,600,000</td>
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<tr>
<td>FY14 UAA Engineering and Industry Bldg.</td>
<td>TBD</td>
<td>$15,000,000</td>
</tr>
<tr>
<td><strong>Total Available Funds</strong></td>
<td></td>
<td><strong>$77,600,000</strong></td>
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<tr>
<td>FY15 UAA Capital Request</td>
<td></td>
<td>$45,600,000</td>
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<tr>
<td><strong>Total Project Cost</strong></td>
<td></td>
<td><strong>$123,200,000</strong></td>
</tr>
</tbody>
</table>

Annual Program and Facility Cost Projections
No variance from the approved Schematic Design

Project Schedule

**DESIGN**

- Conceptual Design: August 2011
- Formal Project Approval: September 2011
- Schematic Design: November 2011
- Schematic Design Approval: June 2012
- Construction Documents:
  - (New Building): January 2013
  - (Parking Structure): January 2013
  - (Existing Building): February 2013
BID & AWARD
Advertise and Bid
   (New Building)  CMAR
   (Parking Structure)  Pending Funding
   (Existing Building)  Pending Funding
Construction Contract Award
   (New Building)  CMAR
   (Parking Structure)  Pending Funding
   (Existing Building)  Pending Funding

CONSTRUCTION
Start of Construction (New Building)  May 2013
Construction Complete  September 2015
Date of Beneficial Occupancy  August 2015
Start of Construction (Parking Structure)  Pending Funding
Construction Complete  Pending Funding
Date of Beneficial Occupancy  Pending Funding
Start of Construction (Existing Building)  Pending Funding
Construction Complete  Pending Funding
Date of Beneficial Occupancy  Pending Funding
Warranty Period  One year

Project Delivery Method
No variance from the approved Schematic Design

Affirmation
This project complies with Regents Policy, the campus master plan and the Project Agreement.

Supporting Documents
One-page Project Budgets (New, Parking Garage, Existing)

Approvals
The level of approval required for PCR shall be based upon the estimated TPC as follows:

- Changes with an estimated impact in excess of $1.0 million will require approval by the Board based on recommendations from the Facilities and Land Management Committee (F&LMC);
- Changes with an estimated impact in excess of $0.4 million but not more than $1.0 million will require approval by the F&LMC.
- The new policy language does not address approval levels between $250,000 - $400,000 for project change requests.)
CAMPUS MASTER PLAN AMENDMENT REQUEST

TO: Pat Gamble
   President

THROUGH: Kit Duke
         AVP Facilities and Land Management

THROUGH: Brian Rogers
         Chancellor

THROUGH: Pat Pitney
         Vice Chancellor

THROUGH: Scott Bell, P.E.
         Associate Vice Chancellor

THROUGH: Gary Johnston
         Director

FROM: Jenny Campbell
      Sr. Project Manager

DATE: August 20, 2013

SUBJECT: Project Type: New Construction
         Project Name: Campus Wide Solar Array Installation
         Project No.: 2013065 CWSAI

cc: CWSAI (101)
CAMPUS MASTER PLAN AMENDMENT #2

Name of Project: Campus Wide Solar Array Installation  
Project Type: New Construction  
Location of Project: UAF, Fairbanks Campus, Campus Wide, Fairbanks  
Project Number: 2013065 CWSAI  
Date of Request: August 20, 2013

<table>
<thead>
<tr>
<th>Approval Required:</th>
<th>Full Board</th>
</tr>
</thead>
</table>
| Prior Approvals:   | Campus Master Plan Approval  
|                    | Engineering Building (Amendment #1) |
|                    | June 3, 2010  
|                    | September 23, 2011 |

A Campus Master Plan Amendment (CMPA) is required when the development of a Capital Project deviates from the existing Campus Master Plan. An amendment to accommodate a proposed specific capital project shall be considered and approved by the board prior to consideration of the proposed capital project. The board may not grant schematic approval for a capital project request unless it implements the adopted campus master plan.

**Action Requested**  
The Facilities and Land Management Committee recommends that the Board of Regents approve the University of Alaska Fairbanks Campus Master Plan Amendment for the Campus Wide Solar Array Installation as presented. This amendment will be incorporated into the approved 2010 UAF Campus Master Plan. This motion is effective September 26, 2013.

**Campus Master Plan Amendment Abstract**  
The UAF Campus Master Planning Committee recommended amending the 2010 UAF Campus Master Plan (CMP) to change the land use designation of the area located on the hill below the Butrovich Building, north of Tanana Loop and west of the new Nanook terrain park from “Ecosystem Research, Instruction, and Recreation” to a new land use designation “Renewable Resources.” No other changes are requested or required for the solar array project to be in compliance with the 2010 CMP. Approval of this Campus Master Plan Amendment does not constitute approval for a Solar Array project. The Solar Array project requires Formal Project Approval and then Schematic Design Approval.

**RATIONALE AND REASONING**

**Background**  
The Solar Array project was presented to the UAF Master Planning Committee in November 2012. At that time, the committee approved the concept of the project and the fact that the 2010 CMP would have to be amended to accommodate the solar array. On November 28, 2012, the Master Planning Committee sent a Master Plan amendment recommendation to the UAF Chancellor. On that date, Chancellor Rogers signed the amendment recommendation.
This Campus Master Plan Amendment was adopted by the Board of Regents’ Facilities and Land Management Committee at the June 2013 Board of Regents’ meeting and placed on the consent agenda for the full board approval. The Board of Regents denied passage of the amendment due to two main concerns regarding the installation of a solar array on campus: aesthetics and price. Since the June meeting, UAF has worked diligently to address these concerns.

Site Consideration
UAF considered several other locations and configurations before determining the slope below the Butrovich building as the ideal and only practical location for a 1MWdc photovoltaic installation. The other locations consisted of the following sites: 1) smaller distributed building and roof mounted solar array, 2) the wedge shaped slope below Tanana Loop combined with land near the railroad tracks and agricultural farm with similar solar exposures, and 3) vacant land on the north side of the university. In considering these sites, they were either not cost effective per kWh, required custom engineering at each location to prevent damage to the existing facilities, were physically too far away from the campus power grid connection point, or were deemed swampy and of the wrong aspect for solar collection to be seen as viable options to pursue.

The wedge shaped slope directly below the Butrovich Building and the Greenhouse and above Tanana Loop is an ideal location and orientation for the proposed 1MWdc solar array. It has a gentle 10 degree south facing slope that provides unobstructed solar exposure year round. It has been clear of any trees and brush for several decades so uneven settling due to permafrost is unlikely. In addition, UAF has already conducted geotechnical studies and core samples in numerous areas throughout the hill so the soil conditions are well understood. Another benefit of this location is the critical proximity to the campus wide power grid located in the adjacent utilidor that transects this slope. This proximity reduces interconnection costs and line losses for this solar array.

The anticipated 4-acre footprint of the 1MWdc solar array can be built and still accommodate the new service access road on the southwest side of the Butrovich Building, a 12’ wide ski trail corridor relocation easement along lower fence line and Tanana Loop, and an adequate buffer between the existing terrain park to the east.

The hill itself has been the site of several excavations in recent years, has had its ground cover disrupted on numerous occasions, and harbors an invasive weed, bird vetch. During construction of the array, UAF proposes to eradicate the bird vetch and re-vegetate the slope with native ground cover. The end result will be a hillside that provides an energy resource for the university while creating a more uniform and attractive slope. Mandatory grounds maintenance will be provided around the array during the summer to ensure a consistent appearance and proper function of the photovoltaic equipment.

Description
This site was selected for its large, unobstructed south-facing slope, which provides the ideal location for solar generation. No other site on campus offers an area large enough to contain a solar array of this magnitude. This site is directly above a section of utilidor which will connect generated power from the solar array to the power grid.

Aesthetic concerns raised by Board of Regents include potential glare for aircraft and the type of fence surrounding the array. UAF submitted an Obstruction Evaluation Airport Airspace Analysis with the Federal Aviation Administration (FAA) to ensure that the project does not pose a danger to pilots or air traffic control. A formal determination by the FAA was made in August 2013. The FAA ruled that the installation of a solar array in this location poses no hazard to air navigation. A copy of the determination is attached.
The array is required to be fenced for safety reasons. It is important that only authorized personnel working on the array or maintaining the grounds be within the array area. The current fence design planned for the project is designed to blend with the botanical garden and UAF farm fencing concepts for an aesthetically pleasing, yet secure enclosure. A concept of the fence is attached to this document.

Amendment Impact
This amendment impacts the existing 2010 CMP in potential future use of the land. The land was designated to be used for trails and ecosystem research as desired by professors. It had no concrete use or buildings designated for the area. The trails impacted by the construction of the solar array will be rerouted as part of the project. Potentially, the solar array could be used for research by engineering students and the community as a study in alternative energy production in a northern climate.

Policy Compliance
This amendment complies with Regents’ Policy in that it provides a guideline for land use in a designated area.

1. Projected enrollment and other factors affecting the need for facilities and infrastructure: there is no impact on projected enrollment or other factors affecting the need for facilities and infrastructure. This is an infrastructure project.

2. General areas for land acquisition and disposal: no land is being acquired or disposed of for this project.

3. The general location of new or upgraded infrastructure, including roads, parking, pedestrian circulation, transit circulation, and utilities: the proposed solar array would impact the ski trail that traverses the field. It is proposed that the ski trail be relocated parallel to the road and run to the south of the array.

4. Demolition of buildings, structures, and facilities: no buildings or structures will need to be demolished to accomplish this project. The only impact to facilities will be the need to relocate the ski trail.

5. General location, size, and purpose of new buildings, structures, and facilities: the anticipated footprint of the array is shown in the attached sketch. There are no outbuildings or other structures required as a part of this project.

6. Guidelines for landscaping: the array will be fenced to prevent unauthorized entry. The fence aesthetics will be coordinated with the campus architect. The owner of the array will be responsible for all maintenance of the landscaping and the fence.

7. General location and intent for open spaces, plazas, etc.: As this is not a building, there will be no open space incorporated.

8. Guidelines for signage, both freestanding and on buildings and structures: any permanent signage will be constructed in accordance with exterior UAF sign requirements.

9. Architectural guidelines for all buildings, structures, and facilities: this project consists of a solar array, a similar photo of which is attached. Solar arrays have a visual impact in that they are panels mounted on short bases, all facing south. UAF is working with the University Architect to ensure the project follows the draft Architectural Guidelines for this type of structure.
10. Environmental and cultural issues, ADA access, and energy conservation: this project will demonstrate UAF’s commitment to sustainable energy production concurrent with planning for a replacement solid fuel Combined Heat and Power plant. The project also demonstrates UAF’s commitment to a complete energy portfolio. This is an infrastructure project with very limited access, so ADA access will not be an issue.

11. The relationship of the campus to its surroundings and coordination with local government land use plans and ordinances: no ordinances or land use issues need to be addressed.

12. General priorities for capital projects: this project will not impact the campus capital 10-year plan or priorities.

Supporting Documents
Campus Master Plan, Figure 3.4 as revised
Master Planning Committee recommendation
FAA Determination Letter Dated 8/21/2013 (w/ Sectional and Topo Maps)

Approvals
A CMPA requires approval by the full Board of Regents.
Master Planning Committee
of
University of Alaska Fairbanks

Date: November 28, 2012

To: Brian Rogers, Chancellor

From: Josh Greenberg, Chair

Re: MPC Recommendation 2012-07 – Master Plan Amendment – Change of land use designation for photovoltaic electrical generation array.

The Master Plan Committee amends the 2010 Master Plan to change the use designation of the area located on the hill below Butrovich Building, north of Tanana Loop and west of the proposed Nanook Terrain Park from ‘Ecosystem Research, Instruction, and Recreation’ to a new land use designation: ‘Renewable Utilities.’ The new designation is consistent with the placement of a photovoltaic electrical generation array being considered by the University.

The MPC recommends the following conditions on the placement of the photovoltaic electrical generation array:

- Responsibilities be defined and assigned for maintaining existing, or creating new, corridors to cross country ski trails, access to the Butrovich Building, and utilidors.
- Does not encroach on the proposed terrain park.
- Height and aesthetic choice of fencing be selected to lessen the effect to the viewshed.
- Landscaping be installed and maintained to no less than APPA Level-4 standards.
- Responsibility and cost for landscape maintenance be defined and assigned as part of any agreement on placement of the array.

The above mentioned conditions must be addressed in the final plan for the photovoltaic electrical generation array and reviewed and approved by Design and Construction, the Landscape Subcommittee, and the Master Plan Committee.

This amendment is effective upon a signed agreement between UAF and Siemens Inc. for a photovoltaic electrical generation array.

Motion made by Gary Newman, seconded by Doug Braddock.

Motion passed unanimously (6-0).

Thank you.
** DETERMINATION OF NO HAZARD TO AIR NAVIGATION **

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Solar Panel UAF PV Array  
Location: Fairbanks, AK  
Latitude: 64-51-25.00N NAD 83  
Longitude: 147-50-45.00W  
Heights:  
- 550 feet site elevation (SE)  
- 12 feet above ground level (AGL)  
- 562 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part I)  
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 02/21/2015 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.  
(b) extended, revised, or terminated by the issuing office.  
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.
NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (800) 478-3576 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (907) 271-5863. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-AAL-230-OE.

**Signature Control No: 195204503-196656664**
Robert van Haastert
Specialist

Attachment(s)
Map(s)
FORMAL PROJECT APPROVAL REQUEST

TO: Pat Gamble
   President

THROUGH: Kit Duke
   AVP Facilities and Land Management

THROUGH: Brian Rogers
   Chancellor

THROUGH: Pat Pitney
   Vice Chancellor

THROUGH: Scott Bell
   Associate Vice Chancellor

THROUGH: Gary Johnston
   Director

FROM: Cameron Wohlford
   Sr. Project Manager

DATE: August 21, 2013

SUBJECT: Project Type: Deferred Maintenance
Project Name: Elvey Deferred Maintenance
Project No.: 2013170 ELDM

cc: ELDM (101)

Total Project Cost $61,000,000
Approval Level: Full Board
MEMORANDUM

DATE: August 22, 2013

TO: To Whom It May Concern

FROM: Brian Rogers, Chancellor

RE: Signature Authority for August 23-31, 2013

I will be out of the office August 23-31, 2013. While I am away, I delegate to Provost Susan Henrichs the authority to approve and sign documents related to university business on my behalf.

BDR

cc: Susan Henrichs, Provost and Executive Vice Chancellor for Academic Affairs
Academic/Research Project Program Resource Planning Status Report

UAF Elvey Building Deferred Maintenance - Formal Project Approval

This project involves the complete gut and renewal of the Elvey Building in support of the West Ridge Research and Academic mission as outline in the Mission Area Analysis for UAF Research and the West Ridge Deferred Maintenance Master Plan (WRDMMP).

Milestone #0
Mission Area Analysis: (MAA for UAF Research) Date: 03/13
Statement of Need: (MAA for UAF Research) Date: 03/13

Milestone #1
SAC Review: Date: N/A

Milestone #2
Preliminary Administrative Approval: Date: 10/08/12

Milestone #3
Statement of Requirements: (Outlined in the WRDMMP) Date: 06/06/13
Academic and Student Affairs Committee Approval: Date: Presented 06/06/13 Approval Pending: 09/26/13

Milestone#4
Business and Financing Plan: Date: ____
Operating Budget Request (not requested, facility replaces existing) Date: N/A
Capital Budget Request: Date: ____
Legislative Funding:
Board Approval of Capital Budget Distribution: Date: ____

Milestone #5
Formal Project Approval: Date: 09/26/13
Schematic Design Approval: Date: ____

Milestone #6
Construction Started: Date: ____
Construction Completed: Date: ____
Beneficial Occupancy: Date: ____
Final Project Report: Date: ____
FORMAL PROJECT APPROVAL

Name of Project: Elvey Deferred Maintenance
Project Type: Deferred Maintenance
Location of Project: UAF, Fairbanks Campus, Elvey #FS903 & West Ridge Research Building #FS909, Fairbanks
Project Number: 2013170 ELDM
Date of Request: August 21, 2013

| Total Project Cost: | $61,000,000 |
| Approval Required: | Full Board |
| Prior Approvals:    | Preliminary Administrative Approval (WRDM) June 2012 |

A Formal Project Approval (FPA) is required for all Capital Projects with a Total Project Cost in excess of $250,000.

FPA represents approval of the Project including the program justification and need, scope, the total project cost, and the funding and phasing plans for the project. Requests for formal project approval shall include a signed project agreement or facilities pre-design statement, the proposed cost and funding sources for the next phase of the project and for eventual completion of the project, and a variance report identifying any significant changes in scope, budget, schedule, deliverables or prescriptive criteria associated with a design-build project, funding plan, operating cost impact, or other cost considerations from the time the project received preliminary administrative approval. It also represents authorization to complete project development through the schematic design, targeting the approved scope and budget, unless otherwise designated by the approval authority.

**Action Requested**
The Facilities and Land Management Committee recommends that the Board of Regents approve the Formal Project Approval request for the University of Alaska Fairbanks Elvey Deferred Maintenance project as presented in compliance with the approved campus master plan, and authorizes the university administration to proceed through Schematic Design not to exceed a total project cost of $61,000,000. This motion is effective September 26, 2013.

**Project Abstract**
This project will involve a complete renovation of the Elvey Building to correct an extensive backlog of deferred maintenance and code issues and repurpose it for continued use in support of the research and academic mission of the West Ridge. The renovation will be accomplished in a phased approach with the first phase completing the design and identifying the future phases and the work to be accomplished during each phase. Phase 1 will cost $4,000,000.
RATIONALE AND REASONING

Background
The buildings on West Ridge are research intensive facilities and over the last few years a move toward integrating teaching into the area of concentrated research has taken place, especially with the construction of the new Margaret Murie Building. This transition to integrate academic and research activities is a top goal of UAF’s 2010 Campus Master Plan.

The five oldest facilities (Arctic Health, Elvey, O’Neill, and Irving 1 and 2) represent nearly 400,000 gross square feet (gsf) of space with an average age of 41 years, current adjusted value of $170M and a total deferred renewal of approximately $270M. Initial work during the West Ridge Deferred Maintenance plan development included a detailed programming effort, concept design, and cost estimate for renewal of each of these facilities. With the information on cost and constructability, the West Ridge Renewal Plan was completed and recommendations were made on funding, phasing, and programs. The plan was provided as an information item at the June 2013 Board of Regents’ meeting. Through the analysis, buildings were prioritized in a phasing schedule and renewal of the Elvey Building became a top priority for UAF.

The Elvey Building was constructed in 1968-1970. It is a steel frame, concrete core facility with eight floors and over 100,000 gross square feet. The building is home to the Geophysical Institute, which is a leading research branch of the University of Alaska Fairbanks. Annually, the institute leads research and teaching efforts in such areas as polar ice, volcanoes, earthquakes, satellite data collection/transmission, aurora forecast, and more. The Geophysical Institute also provides three critical mission functions that directly affect the health and welfare of all Alaskans: The Alaska Volcano Observatory, the Alaska Earthquake Information Center, and the Alaska Satellite Facility. These missions operate continuously year-round (24/7/365), providing important information about natural disasters, national security, and international research efforts.

In 2013, a complete Deferred Maintenance and Structural Study were completed by Bettisworth North and Design Alaska and showed the facility had a large, complex renewal and renovation scope of work that would need to be accomplished over several years and phases. Multiple structural deficiencies have been noted, the exterior façade is failing, and the building HVAC system is undersized and inefficient. Due to its Facility Condition Index (FCI) of about 0.7, demolition of the Elvey Building was considered and rejected because it is physically connected to the Akasofu Building (IARC) to the west, the Elvey Annex to the east, and the West Ridge Research Building (WRRB) to the north, and as it shares mechanical systems with two of the buildings, demolition would significantly impact the adjacent spaces. Costs to separate the mechanical systems, and the impact of demolition activities on programs in the adjacent buildings tipped the balance to repurposing Elvey instead of demolishing it.

The university faces a major task to update this facility to modern codes, renew worn and obsolete equipment, and provide better space functionality to embody current research and teaching trends. Current deferred maintenance issues, along with a very high operating cost, have caused the university to look at a more cost effective plan for renovations in Elvey. One key element of the plan is to relocate the critical mission functions rather than attempt to renovate the facility with them in place. In the first phase of work, and under the West Ridge Deferred Maintenance Master Plan, the university will utilize deferred renewal to relocate the existing critical functions into the West Ridge Research Building (WRRB), connect the Elvey Annex to WRRB functionally, and plan for the remaining renewal. The project will be a multi-year phased project with the outer years involving full renewal design and construction.
Variances
This project is the second of many phases of deferred renewal included in the West Ridge Deferred Maintenance Plan. A Mission Area Analysis and Statement of Need, and the plan, have been provided to the Board of Regents. The original Formal Project Approval was given by the Board of Regents in December 2012 and was based on proceeding with planning and design of the first several phases of the maintenance plan. A project agreement specific to each phase of Elvey Deferred Maintenance project will be developed as funds become available. UAF anticipates at least five to six phases, contingent upon the level of funds received.

Special Considerations
Within the multi-year renewal plan on West Ridge, Elvey Deferred Maintenance is a key component and the second priority after the Animal Resources Facility Relocation. Of the total project cost for the Elvey component of the plan, it will be broken into several smaller phases that can utilize available funding streams. The first phases will relocate critical functions from Elvey to WRRB and develop concept design documents, concise estimates, and a final phasing plan. Funding will be required over multiple fiscal years, the first two being FY13 and FY15. Schematic Design Approval will be sought for Phase 1 in Spring 2014.

Total Project Cost and Funding Sources

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<tr>
<td>Total Project Cost</td>
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Annual Program and Facility Cost Projections
Due to the nature of the project being to renew the existing space and not add additional programs or facilities, there is no net increase in annual cost. Energy cost will offset or slightly decrease with a new building envelope and the annual operating cost for backup power to the critical mission functions will be determined at SDA based on the final sizing of the unit.

Project Delivery Method
The project delivery will be a mixture of Design-Bid-Build and innovative procurement, depending on the complexity and schedule risk of the project. Further definition of the delivery method will be given at Schematic Design Approval.

Affirmation
This project complies with Regents’ Policy, the campus master plan and the Mission Area Analysis/Statement of Need.
Supporting Documents
- One-page Project Budget
- Project Agreement (Draft)
- Information Item for West Ridge Deferred Renewal Phase 2
- Drawings:
  - Aerial View (1), First Floor Plan (2), First Floor Mezzanine Plan (3), Second Floor Plan (4), Third Floor Plan (5), Fourth Floor Plan (6), Eighth Floor Plan (7), Basement Plan WR (8), First Floor Plan WR (9), 2nd Floor Plan WR (10), 3rd Floor Plan WR (11)

Approvals
The level of approval required for FPA shall be based upon the estimated TPC as follows:

- **TPC > $4.0 million** will require approval by the board based on the recommendations of the Facilities and Land Management Committee (FLMC).
- **TPC > $2.0 million but not more than $4.0 million** will require approval by the FLMC.
- **TPC > $1.0 million but not more than $2.0 million** will require approval by the Chair of the FLMC.
- **TPC ≤ $1.0 million** will require approval by the AVP of Facilities and Land Management.
### UNIVERSITY OF ALASKA

**Project Name:** Elvey Deferred Renewal  
**MAU:** UAF  
**Building:** Elvey  
**Campus:** Fairbanks  
**Date:** 8/8/2013  
**Prepared by:** Wohlford  
**Project #:** ELDM 2013170  
**Acct #:** 571345-50216  

**Total GSF Affected by Project:** $105,744

### PROJECT BUDGET

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**Professional Services Subtotal:** $8,200,000

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**Building Completion Activity Subtotal:** $3,250,000

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**Owner Activities & Administrative Costs Subtotal:** $5,336,250

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**Total Project Cost:** $61,000,000

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PROJECT AGREEMENT

Name of Project: Elvey Deferred Maintenance
Project Type: Deferred Maintenance
Location of Project: UAF, Fairbanks Campus, Elvey #FS903 & West Ridge Research Building #FS909, Fairbanks
Project Number: 2013170 ELDM
Date of Request: August 13, 2013

INTRODUCTION
A Project Agreement (PA) is required for all Capital Projects with a Total Project Cost anticipated to exceed $2.5 million. For project under $2.5 million, a project agreement should be attached to the FPA or all of the components of the PA may be incorporated into the FPA.

The PA represents a formal agreement between the affected program department(s), the MAU’s chief facilities administrator, the chief academic officer, the chief financial officer, the chancellor, and the chief facilities administrator documenting a common understanding of the programmatic need, project scope, and other matters related to the project.

BODY OF THE AGREEMENT

Basis for the Project
The University of Alaska Fairbanks West Ridge is the portion of campus stretching west from the Reichardt Building, along a ridge that was traditionally used by the Athabascan people, and developed by the University in the 1920’s as a prime farming area. Since then, a new spine road and multiple buildings tallying over 830,000 gross square feet have been constructed. The facilities on West Ridge were meant to be research intensive facilities, but over the last few years, a move toward integrating teaching into the area of concentrated research has taken place, especially with the construction of the new Life Sciences Facility. The UAF 2010 Campus Master Plan has made it a top goal to integrate academic and research units.

The five oldest facilities, Arctic Health, Elvey, O’Neill, and Irving 1 and 2 represent nearly 400,000 gross square feet (gsf) of space with an average age of 41 years, current adjusted value of $170M and a total deferred renewal of approximately $271M. Initial work with the Phase 2 funding completed a detailed programming effort, concept design, and cost estimate for renewal of each of these facilities.

With the detailed information on cost and constructability, a Master Plan was completed and recommendations were made on funding, phasing, and programs. The plan will be vetted further through the University and Board of Regents to ensure the proper investment decisions are being made on renewal, repurposing, or replacement of facilities prior to any renovations beginning.
Programmatic Need
Constructed in 1968-1970, the Elvey Building is a steel frame, concrete core facility with 8 floors and over 100,000 gross square feet. The building is home to the Geophysical Institute, which is a leading research branch of the University of Alaska Fairbanks. Annually, the institute leads research and teaching efforts in such areas as polar ice, volcanoes, earthquakes, satellite data collection/transmission, Aurora forecast, and more. The Geophysical Institute also provides three critical mission functions that directly affect the health and welfare of all Alaskan’s; The Alaska Volcano Observatory, the Alaska Earthquake Information Center, and the Alaska Satellite Facility. These missions operate continuously, providing important information about natural disasters, national security, and international research efforts.

In April 1991, the UAF Fire Marshal issued numerous code citations in the Elvey Building. In 2013, a complete Deferred Maintenance and Structural Study were completed by Bettisworth North and Design Alaska and showed the facility had a large, complex renewal and renovation scope of work that would need to be accomplished over several years and phases. Multiple structural deficiencies have been noted, the exterior façade is failing, and the building HVAC system is undersized and inefficient.

The university faces a major task to update this facility to modern codes, renew worn and obsolete equipment, and provide better space functionality to embody current research and teaching trends. Current deferred maintenance issues, along with a very high operating cost, have caused the University to look at a more cost effective plan for renovations in Elvey. One key element of the plan is to relocate the critical mission functions rather than attempt to renovate the facility with them in place. In the first phase of work, and under the West Ridge Deferred Maintenance Master Plan, the University will utilize deferred renewal to relocate the existing critical functions into the West Ridge Research Building (WRRB), Connect the Elvey Annex to WRRB functionally, and plan for the remaining renewal. The project will be a multiyear phased project with the outer years involving full renewal design and construction.

Strategic Importance
As excerpted from the Mission Area Analysis:

The West Ridge research facilities at the UAF Fairbanks Campus are essential to fulfilling UAF’s mission as it relates to research and education. The existing West Ridge buildings are utilized to support research and instruction in pursuit of the priorities and goals outlined in UAF’s planning documents: The University of Alaska’s (UA) Strategic Plan 2009, UAF Master Plan 2010, the UAF Strategic Vision 2017 Plan, and the UAF Academic Plan for 2007-2012.

UA’s Strategic Direction Initiatives (SDI) are an organizational change effort created and led by President Gamble. SDI engages people from many different levels, both inside and outside the University system, looking for ideas and innovations to change UA for the better. The SDI themes are:

- Student Achievement and Attainment
- Productive Partnerships with Alaska’s Schools
- Productive Partnerships with Alaska’s Public and Private Industries
- Research and Development to Help Build and Sustain Alaska’s Communities and Economic Growth
- Accountability to the People of Alaska

The UA SDI provides an overarching goal structure for the University as a whole. The UAF Strategic Plan maps out goals for achieving success in both the long and short term. One of the seven goals of the UAF Strategic Plan is to promote UAF as Alaska’s premier research enterprise in partnership with state
agencies, industry, and civic organizations. The strategies to achieve this goal involve both new initiatives and increasing breadth and depth of existing research efforts across many fronts. In each case, the strategy calls for more researchers from faculty to undergraduate students working on more projects focused on the Arctic and Alaska. As UAF seeks to connect and engage its research enterprise with Federal, State, and local communities, the need for physical space evolves.

Impact Analysis
As excerpted from the Mission Area Analysis:

UAF is already well established as a world leader in studies and discovery related to the Arctic and subarctic climates, its people and wildlife, and its multiple ecological systems. The UAF Academic Plan specifically calls for additional resources to conduct biomedical and health education, research, and outreach that relates to Alaska’s unique environment and lifestyles. UAF has made significant investment in recruiting and securing high-quality faculty and staff focused on core-science programs as well as new and expanding research initiatives. In turn, the faculty and staff have attracted and maintained millions in competitive research revenue and continue to serve an increasing number of students in the life-science disciplines. The renovations and required new spaces highlighted in the WRDM Master Plan are critical in carrying out these science missions.

Working with an executive planning committee and the UAF administration, and utilizing multiple planning and programming meetings with user groups, project goals were developed that guide the West Ridge master-planning work. The Master Plan Goals include:

- Support the integration of teaching and research through building location and use, circulation and open space.
- Ensure the campus environment enhances both the academic and student life experience.
- Improve access to and circulation within the campus.
- Preserve and highlight the unique natural and cultural aspects of UAF’s northern location.
- Employ the best practices in sustainability for northern environments.
- Address the space deficit in research and research-support space noted in the 2010 Campus Master Plan.

Program Enhancements
Since the project is focused on deferred maintenance, the program enhancements will center on better supporting teaching and research, which indirectly improves the University’s program delivery. A key element of the renewal of Elvey will be the relocation of critical mission functions. The current facilities do not provide the needed redundancy and program support and outages in the building wipe out the three centers ability to respond to their mission.

Needs Assessment
The key planning documents for the University of Alaska Fairbanks (UAF) call for UAF to become a leader in research related to the circumpolar North, to encourage interactive learning experiences for students, including undergraduate research, and to recruit and retain highly-qualified faculty. The West Ridge research facilities must be state-of-the-art to allow UAF to meet these needs. The deferred maintenance project focuses on the following guiding principles in support of this mission:

- Care of the health, safety, and welfare of researchers is of utmost importance and critical to continuation of the mission.
- Provide modern space to maintain and grow research institutes.
- Conduct strategic evaluation of the backlog of deferred maintenance to generate the priorities to rejuvenate the old, nonfunctional space.
- Target increasing the energy efficiency of older facilities and otherwise reducing operating costs by at least a third.
- Eliminate functional obsolescence and improve laboratory spaces for modern science.
- Improve building accessibility.

Project Impact
Project impacts to current users, within Phase 1, will be minimal as new space for the critical mission functions is being created in vacated space in the West Ridge Research Building. In subsequent phases, The University will need to identify surge and temporary office space for the remaining existing users in the facility. Options discussed during the master planning included lease of facilities off campus or lease of on-campus housing. The cost of leased space is included in the one-page budget.

Once the future phases proceed, a large construction presence on West Ridge will displace parking, cause detours, and relocate some adjacent spaces as hazardous activities such as curtain wall removal are accomplished. These cost are considered in the one page budget but will have to be better examined as the different work packages are developed over the years.

The current master plan for Elvey calls for the later phases of the project to provide total building gut and renewal. Timing of capital funding will cause project impacts with these later phases. Smaller allocations of funds will cause UAF to develop smaller scopes that extend the project timeline and the University will have costly budget increases thru inflation, multiple mobilizations, and lack of continuity.

Project Site Considerations
The project site is existing and will not be altered at this time.

Incremental Costs
None noted at this time.

Proposed Funding Plan

<table>
<thead>
<tr>
<th>Total Project Cost and Funding Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding Title</td>
</tr>
<tr>
<td>Phase 1 Funding</td>
</tr>
<tr>
<td>FY13 DM Funding</td>
</tr>
<tr>
<td>FY15 DM Funding (Future Request)</td>
</tr>
<tr>
<td>Phase 1 Project Cost</td>
</tr>
<tr>
<td>Phase 2 Funding</td>
</tr>
<tr>
<td>DM Funding (future request)</td>
</tr>
<tr>
<td>Phase 2 Project Cost</td>
</tr>
<tr>
<td>Total Project Cost</td>
</tr>
</tbody>
</table>

Annual Program and Facility Cost Projections
Through renovation, repurposing, and replacement, annual operating cost will, for the most part, remain on par. Growth in annual personnel directly ties to the creation of modern state-of-the-art facilities that will increase research faculty and staff effectiveness, and the capability to more quickly respond to current and future initiatives. Annual utility costs will offset as facilities are brought up to current energy
and ventilation codes, with decreases coming in electrical use and thermal envelope heat loss, and increases in heating more outside air used to ventilate the buildings.

**Project Schedule**

**DESIGN**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conceptual Design</td>
<td>Complete</td>
</tr>
<tr>
<td>Formal Project Approval</td>
<td>September, 2013</td>
</tr>
<tr>
<td>Complete Deferred Renewal Plan</td>
<td>December, 2013</td>
</tr>
<tr>
<td>Schematic Design-Phase 1 Only</td>
<td>December, 2013</td>
</tr>
<tr>
<td>Schematic Design Approval</td>
<td>December, 2013</td>
</tr>
<tr>
<td>Construction Documents</td>
<td>July, 2014</td>
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**BID & AWARD - Phase 1**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Completion Date</th>
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<tbody>
<tr>
<td>Advertise and Bid</td>
<td>July, 2014</td>
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<tr>
<td>Construction Contract Award</td>
<td>August, 2014</td>
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</table>

**CONSTRUCTION – Phase 1**

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<th>Activity</th>
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<td>Start of Construction</td>
<td>August, 2014</td>
</tr>
<tr>
<td>Construction Complete</td>
<td>June, 2015</td>
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<tr>
<td>Date of Beneficial Occupancy</td>
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<tr>
<td>Warranty Period</td>
<td>One Year</td>
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**BID & AWARD - Phase 2 thru Completion**

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<tr>
<th>Activity</th>
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<td>Advertise and Bid</td>
<td>TBD</td>
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<tr>
<td>Construction Contract Award</td>
<td>TBD</td>
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**CONSTRUCTION**

<table>
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<tr>
<th>Activity</th>
<th>Completion Date</th>
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</thead>
<tbody>
<tr>
<td>Start of Construction</td>
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<tr>
<td>Construction Complete</td>
<td>TBD</td>
</tr>
<tr>
<td>Date of Beneficial Occupancy</td>
<td>TBD</td>
</tr>
<tr>
<td>Warranty Period</td>
<td>TBD</td>
</tr>
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**Supporting Documents**

- One-page Budget
- Executive Summary of Deferred Renewal

**Drawings**

- Aerial View (1), First Floor Plan (2), First Floor Mezzanine Plan (3), Second Floor Plan (4), Third Floor Plan (5), Fourth Floor Plan (6), Eighth Floor Plan (7), Basement Plan WR (8), First Floor Plan WR (9), 2nd Floor Plan WR (10), 3rd Floor Plan WR (11)
Agreement
In witness whereof, the parties attest that they have made and executed this Agreement to be effective the date and year first above written.

Robert McCoy, Director, Geophysical Institute

Scott Bell, P.E., Associate Vice Chancellor for Facilities Services

Pat Pitney, Vice Chancellor for Administrative Services

Susan Henrichs, Provost and Executive Vice Chancellor for Academic Affairs

Mark Meyers, Vice Chancellor for Research

Brian Rogers, Chancellor

Kit Duke, Associate Vice President Facilities and Land Management
## UNIVERSITY OF ALASKA

### Project Name: Elvey Deferred Renewal

**MAU: UAF**

Building: Elvey  
Campus: Fairbanks  
Project #: ELDM 2013170

<table>
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<tr>
<th>Date:</th>
<th>8/8/2013</th>
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<tr>
<td>Prepared by:</td>
<td>Wohlford</td>
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<table>
<thead>
<tr>
<th>Project #</th>
<th>Acct #: 571345-50216</th>
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<tbody>
<tr>
<td>Total GSF Affected by Project:</td>
<td>$105,744</td>
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### PROJECT BUDGET

#### A. Professional Services

<table>
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<tr>
<th>Item</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Advance Planning, Program Development</td>
<td>$0</td>
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<tr>
<td>Consultant: Design Services</td>
<td>$7,000,000</td>
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<tr>
<td>Consultant: Construction Phase Services</td>
<td>$1,000,000</td>
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<tr>
<td>Consul: Extra Services (List:_______________)</td>
<td>$0</td>
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<tr>
<td>Site Survey</td>
<td>$25,000</td>
</tr>
<tr>
<td>Soils Testing &amp; Engineering</td>
<td>$25,000</td>
</tr>
<tr>
<td>Special Inspections</td>
<td>$100,000</td>
</tr>
<tr>
<td>Plan Review Fees / Permits</td>
<td>$50,000</td>
</tr>
<tr>
<td>Other</td>
<td>$0</td>
</tr>
</tbody>
</table>

**Professional Services Subtotal** | $8,200,000 |

#### B. Construction

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>General Construction Contract(s)</td>
<td>$40,000,000</td>
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<tr>
<td>Other Contractors (List:_______________)</td>
<td>$750,000</td>
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<tr>
<td>Construction Contingency</td>
<td>$3,463,750</td>
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</tbody>
</table>

**Construction Subtotal** | $44,213,750 |

**Construction Cost per GSF** | $418 |

#### C. Building Completion Activity

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Equipment</td>
<td>$500,000</td>
</tr>
<tr>
<td>Fixtures</td>
<td>$250,000</td>
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<tr>
<td>Furnishings</td>
<td>$750,000</td>
</tr>
<tr>
<td>Signage not in construction contract</td>
<td>$50,000</td>
</tr>
<tr>
<td>Move-Out Costs</td>
<td>$500,000</td>
</tr>
<tr>
<td>Move-In Costs</td>
<td>$500,000</td>
</tr>
<tr>
<td>Art</td>
<td>$100,000</td>
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<tr>
<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
<td>$0</td>
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<tr>
<td>OIT Support</td>
<td>$300,000</td>
</tr>
<tr>
<td>Maintenance Operation Support</td>
<td>$300,000</td>
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</tbody>
</table>

**Building Completion Activity Subtotal** | $3,250,000 |

#### D. Owner Activities & Administrative Costs

<table>
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<tr>
<th>Item</th>
<th>Cost</th>
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<tr>
<td>Project Plng, Staff Support</td>
<td>$1,948,231</td>
</tr>
<tr>
<td>Project Management</td>
<td>$2,898,019</td>
</tr>
<tr>
<td>Misc. Expenses: Advertising, Printing, Supplies, Etc.</td>
<td>$490,000</td>
</tr>
</tbody>
</table>

**Owner Activities & Administrative Costs Subtotal** | $5,336,250 |

#### E. Total Project Cost

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Project Cost</td>
<td>$61,000,000</td>
</tr>
</tbody>
</table>

**Total Project Cost per GSF** | $577 |

#### F. Total Appropriation(s)

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Appropriation(s)</td>
<td>$500,000</td>
</tr>
</tbody>
</table>
Elvey Building
Elvey Building

ARCHITECTURAL

Description:

The eight-story building houses the Geophysical Institute. A 10-meter satellite-tracking dish was installed in 1987 on the roof to gather meteorological data and assess levels of gamma radiation. The building construction is comprised of a perimeter structural steel frame supporting poured-in-place concrete floors. A reinforced concrete core encloses elevator shafts, stairs, a utility chase and restrooms. Interior CMU walls are located within the building core and other locations throughout the building. The exterior wall is precast concrete panels and aluminum curtain wall. The building is protected throughout with an automatic sprinkler system and a fire alarm system.

The 2009 International Building Code classifies the Elvey Building as a high-rise building since the highest occupied floor is located more than 75 feet above the lowest level of fire department vehicle access. The eighth-story is at 116 feet.

2009 International Building Code Data:

<table>
<thead>
<tr>
<th>Occupancy Group B:</th>
<th>Offices, Educational occupancies for students above the 12th grade, Laboratories: testing and research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Construction:</td>
<td>I-B (Noncombustible, 2-hour rated)</td>
</tr>
<tr>
<td>Fire Protection:</td>
<td>Automatic sprinkler system, fire alarm system</td>
</tr>
<tr>
<td>Allowable Stories:</td>
<td>12</td>
</tr>
<tr>
<td>Actual Stories:</td>
<td>8</td>
</tr>
<tr>
<td>Allowable Height:</td>
<td>180.0 feet</td>
</tr>
<tr>
<td>Actual Height:</td>
<td>140.8 feet</td>
</tr>
<tr>
<td>Allowable Area:</td>
<td>Unlimited floor area</td>
</tr>
<tr>
<td>Basic Floor Area:</td>
<td>Unlimited sf</td>
</tr>
<tr>
<td>Single Story Allowable</td>
<td>Unlimited sf</td>
</tr>
<tr>
<td>Single Story Actual (largest):</td>
<td>25,216 sf Floor 1</td>
</tr>
<tr>
<td>Building Area Allowable:</td>
<td>Unlimited sf</td>
</tr>
<tr>
<td>Building Area Actual:</td>
<td>105,747 sf Floors 1, 2, 3, 4, 5, 6, 7, 8</td>
</tr>
</tbody>
</table>

Executive Summary:

To extend the life of the Elvey Building requires replacing exterior wall panels; replacing the concrete concourse at the main entrance; replacing the roofing system; and replacing the exterior windows.
Compliance to code and regulatory provisions requires seismic bracing of the suspended ceiling systems; replacing the stairway handrails; abating asbestos containing materials above the ceiling systems; and adding wheelchair accessible toilet rooms.

Improvements to the functional uses within the Elvey Building include replacing dated furniture, revitalize obsolete spaces to suit current occupant use and programs, renew finishes, and replace doors and door hardware as needed.

**Exterior Envelope Systems:**

- **Walls** – The exterior wall assembly consists of concrete precast panels and an anodized aluminum curtain wall system. The 8-story main building has 5-1/2-inch concrete panels, 8-feet wide by 20-27 feet tall with 2-inches of foam insulation adhered to the inboard face of the panels and a curtain wall system of 2-1/4-inch insulated sandwich panels with double pane insulating glazing units. The 1-story Annex has 6-inch concrete panels, 9-feet wide by 16 feet tall with 2-inches of foam insulation adhered to the inboard face of the panels and a curtain wall system of 2-1/4-inch insulated sandwich panels with double pane insulating glazing units. The combined R-value of the precast concrete panels (0.21/inch, 100 lb/cf concrete, ASHRAE Handbook) and the expanded polystyrene insulation boards (4/inch) is approximately 9-10. The R-value of insulated metal sandwich panels (4/inch) is approximately 9. The UAF design standard for Energy Conservation requires that the building exceed ASHRAE 90.1 requirements by 15%. The wall envelope should have a minimum R-value of 18. However, the recommended R-value is 38 using an exterior finish of prefinished metal panels over rigid extruded polystyrene insulation, prefinished metal trim, flashings and copings. The insulation system includes 6” light gauge metal framing, with 3 ½” fiberglass batt insulation (R-13), gypsum sheathing, peel and stick self-sealing air/vapor barrier membrane, 5” of rigid extruded polystyrene insulation (R-25) for a total R value of 38. The precast panels have cracks, which had been addressed by installing sealant to provide a weather seal. Past observations identified evidence of rusting of the reinforcing bars in the precast panels. The integrity of the panels is unknown.

- **Roof** – UAF records indicate this building has roofs 18-26 years old. Geophysical has a Gaco Flex hypalon roof covering and a Kemperol liquid, fiber reinforced membrane. The foyer and annex have 3-ply, MC built-up roofing system. The R-values provided in the survey range from R-24 to R-32 and indicate an expiration of warranty date of the roof to be between 1996 and 2005. The current ASHRAE requirements are R-33 minimum, Table 5.5.3.1.2.

- **Windows** – The 1-inch insulating glazing units are an element in the exterior curtain wall system. They are aluminum frame, double pane windows. Typically windows of this type have an R-value of less than R-2. The UAF design standard for Energy Conservation requires that the building exceed ASHRAE 90.1 requirements by 15%. Assume replacing all existing glazing with thermally broken aluminum frame and glazing with a maximum 0.30 U-Factor.

- **Concourse** – The concrete concourse at the south main entrance forms the roof above the electrical switch gear inside the building. Water intrusion is an ongoing problem at this location, jeopardizing the integrity and safety of the electrical equipment below. The temporary solution is to drape the electrical equipment with plastic tarps and shield the equipment from direct contact with water. In the past, attempts to permanently stop the water intrusion at the concourse have not succeeded.
Interior Systems:

- **Ceiling Seismic Bracing** - Since access to above the ceiling is prohibited except to asbestos trained personnel, the presence, or absence, of seismic bracing was not determined.
- **Ceiling Finishes** – Original 2x4 feet lay-in acoustical panels with fiberglass backing exists in the laboratories and office spaces. Discoloring and water stains are typical of these ceilings. Ceiling upgrades in the corridor include new 2x4 feet acoustical ceiling panels.
- **Wall Finishes** – The original demountable partitions make up the office and lab spaces and are in relatively good condition. Other frame constructed walls are painted gypsum wallboard and likewise are in relatively good condition.
- **Floor Finishes** – Resilient tile in corridor, lab and office spaces is typical and are in good condition.

Hazardous Materials

- **Chemicals** – The 2009 International Building Code limits the amount of hazardous materials used, stored, dispensed, or handled within a building according to Table 307.1. Buildings or portions of a building become a High Hazard, Group H occupancy when the amounts exceed Table 307.1. Since the Elvey Building is an educational Group B occupancy, the amount of hazardous materials cannot exceed the allowable limits and these materials are required to be within a Control Area enclosed by walls, floors, and ceilings constructed as fire barriers. It is acceptable to have the entire building as a single Control Area; however, the limits of the hazardous materials now apply to the entire building. UAF Environmental, Safety, Health and Risk Management provided a chemical inventory identifying the materials allocated to the Elvey Building. At this time, the task of converting all the chemicals in the inventory from the DOT classifications into the categories listed in the IBC, Table 307.1 was not undertaken.

Building Code and Regulations:

- **Asbestos** – Friable asbestos containing material in the form of spray-on fire-proofing is prevalent above the ceiling throughout the building. Access requires trained personnel and signs of the hazardous condition are prominently displayed. Other asbestos containing materials are present in the form of mastic under carpet and floor tiles throughout the building. The asbestos-containing material is identified in the Asbestos Containing Material inventory list available on-line at the Facilities Information and Building Plans (UAFFS Info). A 2013 Haz-mat report is included in Appendix B.
- **Accessibility** – There are no wheelchair accessible toilet rooms on floors 2-7 in the Elvey building in accordance with the 2009 ICC/ANSI A117.1, Accessible and Usable Buildings and Facilities, or with the 2010 ADA Standards for Accessible Design. Wheelchair accessible toilets are available in adjacent buildings at the West Ridge Research Building and the Akasofu Building. Other features that also are not accessible include urinals, water closets, countertops, and mirrors. Grab bars, where provided, do not meet accessibility requirements. Vertical grab bars are not provided. Each toilet room, Men and Women, does not provide a minimum clear width opening of 32-inches. Floor mounted water closet heights are less than the required 17 to 19 inches (15-1/2-inches actual). Paper towel dispenser handle heights are greater than the
maximum 48-inch allowed (59-inches actual). Urinals are higher than the maximum 17-inches allowed (23-inches actual). Plumbing pipes under the lavatories are not insulated to protect from direct contact. Toilet compartments do not provide the minimum wheelchair dimensions of 56-inch deep by 60-inch wide (56-inches deep by 31-inches wide actual). Drinking fountain spouts are more than the maximum 36-inches allowed (41-inches actual). Doors on corridors do not have lever handles.

- **Stairway Handrails** – The Elvey Building has four exit stairways, which do not comply with the 2009 International Building Code, Section 1012. 42-inch high guardrails are not provided at the open side of stairs. Handrail height is lower than the minimum of 34 inches. Handrails that are discontinuous do not extend horizontally 12-inches beyond the top riser. Handrails that are discontinuous do not slope for the depth of one tread beyond the bottom riser.

- **Stairway Construction** – Bottom landing of the stairs do not have a depth equal to the stair width of 57-1/2-inches. The actual depth is 47-inches. S2 does not terminate at an exit discharge at the exterior of the building as required the building code and has a knob handle on the exit door.

**Recommendations:**

- **Roof** – Replace the entire roof system due to age if determined to be necessary and provide with one meeting current recommended energy standards.
- **Exterior Walls** – Upgrade the building envelope to R-38 with metal panels, metal framing, and increased insulation.
- **Concourse** – Replace the concourse at the south main entrance to correct the water intrusion.
- **Stairways** – Replace the handrails and add guardrails that comply with the building code and reconfigure Stair 1 at Floor 2 to provide an exterior door.
- **Windows** – Replace the windows with thermally broken aluminum windows having a maximum U-factor of 0.30.
- **Asbestos** – Remove asbestos from above the ceiling system throughout the building.
- **Ceiling** – Provide seismic bracing throughout the building if determined to be needed.
- **Ceiling Panels** – Replace damaged ceiling panels in offices and laboratories.
- **Drinking Fountains** – Provide wheelchair accessible drinking fountains.
- **Door Hardware** – Provide lever handles on corridor doors.
- **Accessibility** – Provide wheelchair accessible toilet rooms on each floor.

- **Hazardous Materials** – Provide an inventory of hazardous materials in accordance with the 2009 International Building Code and evaluate the building for compliance to code provisions for Control Areas. Refer to 2013 Haz-mat report included in Appendix B.

**STRUCTURAL**

**Deferred Renewal Log:**

The following scopes of work were described in the Deferred Renewal Log by the UAF Facilities Services to correct seismic deficiencies:

1. Seismic Brace ceilings and equipment
2. Structural Improvements for Building Seismic/Satellite Dish Support
3. Structural Building Upgrade

Commentary

BBFM was directed to exclude the Elvey building from its scope of work for UAF West Ridge Deferred Maintenance since a seismic evaluation had previously been completed by on August 28, 2001 by PDC Consulting Engineers titled "C.T. ELVEY BUILDING PRELIMINARY SEISMIC EVALUATION" and is based on FEMA 310 "HANDBOOK FOR THE SEISMIC EVALUATION OF BUILDINGS". This publication is the predecessor to ASCE Standard 31-03 which is what BBFM used to evaluate O'Neil, Irving I and II.

The PDC Engineers report concludes that during a design earthquake, Elvey would experience moderate to severe bending overstresses and structural degradation of the concrete shear walls that make up the building's lateral force resisting system. These walls also carry some of the floor framing and exit stairs which would be impacted. The report states that this is based on a preliminary and incomplete analysis and recommends further analysis be completed.

No recommendations are given for remediation.

Nonstructural components identified as deficient include the elevator, large diameter piping, and possibly some of the ceiling elements.

Report by PDC Consulting Engineers:

The structural evaluation conducted by PDC Consulting Engineers in August and December 2001, with a follow-up in November 2002, are made a part of this report and included in Appendix C for reference.

MECHANICAL

Description:

The tower portion of the building is served by a large central supply and return fans in the mechanical penthouse of the building. This air handler has been retrofitted with a new heating coil and a new cooling coil in the past few years. The cooling coil is supported by a new air cooled chiller located on the roof of the building. The air system is a dual-duct constant volume system. This means the air handler feeds cooled and chilled air down separate ducts and the air streams are mixed at the terminal box to produce the correct temperature in the space.

The lower two floors of the building have three air handlers that serve the various spaces and there is hydronic baseboard radiation on these floors. The SAR facility in the annex has a fairly current mechanical system remodeled in 1989.

Hydronic heating is provided by the central steam feeding a shell and tube heat exchanger that heats a glycol system that is pumped around the first two floors and up to the penthouse.
**Deferred Renewal Log:**

The following scopes of work were described in the Deferred Renewal Log by the UAF Facilities Services to correct mechanical deficiencies:

1. Major HVAC/Hydronic Upgrades
2. Renovate building plumbing

**Executive Summary:**

The mechanical systems in this facility are well beyond their useful lives and are of the highly energy inefficient variety. Under any major renovation of this facility, the bulk of the mechanical systems should be replaced. Only the main airhandler in the roof penthouse and its chiller should be reused as the air handler coils are fairly new and the fans are well-built and sufficient for longer life. All other mechanical and plumbing equipment should be replaced due to age and inefficiency.

**Mechanical System Deficiencies:**

- A dual-duct air system is by its nature very energy inefficient. The system heats and cools the air to mix it at the terminal box. Air is being heated and cooled and then mixed back to a more neutral temperature most of the time, but the full bill for heating and cooling is still being paid. Additionally, the boxes are all controlled by pneumatic thermostats. This does not allow the most energy efficient operation of the boxes and many of them likely don’t function properly.
- The central air handler does not have volume control as the dual duct boxes create a constant volume system. By converting this to a single duct system, a great deal of fan energy could be saved for a large portion of the year.
- The heating piping up to the heating coils in the air handler is black steel. As this system used to have an open style expansion tank on it, this pipe is corroded and in need of replacement.
- The two air handlers in the basement are old, worn, and have been retrofitted multiple times to try to make them adequate to control the spaces served. They are in need of replacement.
- The condensers that serve the freezers that store the ice cores are all on a mezzanine above the shop. They are inadequately ventilated and this space overheats in the summer which also overheats the adjacent shops. If these condensers fail, the ice cores could be lost.
- The plumbing for this facility is old and in need of renewal. The fixtures are not of the new water saving variety. The piping and booster pumps are well past the normal expected life of these systems.

**Recommendations:**

- The existing central fans are large and well-built and could be reused. In any major space renewal, the dual duct VAV system should be demolished and replaced with a single duct system with boxes with reheat coils and digital controls. The temperature control of the spaces will be much improved at the same time a good deal of energy will be conserved.
- The heating piping should be replaced as part of any area that is renovated.
- The plumbing piping, fixtures, and equipment should be replaced as part of any major renovation.
ELECTRICAL

Description:

Power Distribution:

Construction on this building started in 1968 and the electrical distribution system has remained essentially untouched. The most significant modification occurred in 1987, when the SAR antenna was installed on the roof. The main electrical room in the basement is located under a concrete pavilion in front of the building. Over the past few years, a leak has developed directly above the switchgear lineup, which presents a serious electrical hazard. The switchgear is currently being protected from the leak by a blue tarp that is attached to the ceiling and draped over the back of the gear.

The building is served by 4,160 volt feeder #1 that comes up through the utilidor and terminates at a 4,160V transformer in the electrical room. The building has a 120/208 volt service with 4,000 amp bussing in the MDP. Two 2,000 amp bus ducts run through a vertical shaft in the building and each bus duct feeds floors 1-4 and 5-8 respectively. Each floor has 10-12 branch panels that are fed from the bus duct. There are also two 1,200 amp distribution sections in the MDP that feed various branch circuit panels in the basement, along with the elevators and a motor control center (MCC). The power meter installed in the MDP indicates a measured instantaneous demand load of 415 kW, which translates to approximately 1,400 amps. Based on this information, the existing electrical service has adequate capacity for any planned expansion or remodel.

Although feeder #1 is considered a priority feed, there is an existing skid-mounted generator that can be pulled out of the garage and connected. According to UAF Facilities, this connection is inadequate and does not work well in an outage situation. Also, because this building is considered a high-rise, the portable generator does not provide a code-compliant means of standby and emergency power.

Lighting / Emergency Lighting:

Many of the existing light fixtures throughout the building are original and others were installed during the 1987 remodel. Although the fixtures have been retrofitted with T8 lamps and electronic ballasts to make them more energy efficient, they are still at the end of their usable life and should be replaced.

Existing emergency lighting is provided by wall-mounted “bugeye” fixtures, which is not consistent with the current UAF standard for a centralized battery-powered inverter system. Having these self-contained units scattered throughout the building requires extra effort by UAF Facilities Services staff to maintain and/or replace the batteries. Also, the bugeye fixtures are spaced too far apart to achieve the code-required 1 foot-candle (fc) average lighting level along the path of egress. There are also no exterior egress emergency lights outside the exit doors, as required by code. In general, all exit signs appear to be properly located but many of them are original to the building (with incandescent lamps) and should be replaced.
Low-Voltage (Fire Alarm, Telecom, Security):

The existing fire alarm system was designed with voice evacuation but the voice function does not work and the panel is no longer supported by the manufacturer. The building has smoke/heat detector coverage in many areas but it is not designed as a full-coverage system. There is insufficient notification appliance coverage in corridors and other spaces. On almost all floors, there are multiple smoke detectors located within 3’ of the air diffusers.

The building paging system does not appear to function.

The existing Lenel security system is the UAF standard across campus and it controls access to selected doors using magstripes card readers and electric locks. At this time, there is no video surveillance system installed in the building.

Executive Summary:

The entire electrical distribution system is over 40 years old and should be replaced. Furthermore, the leak in the ceiling directly above the switchgear presents a serious electrical hazard. Because this building is considered a high-rise, it requires an emergency generator and a voice evacuation fire alarm system, which means the existing portable generator and non-voice fire alarm fire alarm system must be replaced. All existing light fixtures are quite old and should be replaced with new fixtures have much more efficient optics, which will result in lower energy costs.

Electrical System Deficiencies:

- All of the original electrical distribution equipment and branch panels are well beyond their usable life.
- No standby or emergency power system in the building.
- There is inadequate emergency lighting in many of the corridors that are part of the path of egress.
- Non-plenum telecom equipment and cable installed in a plenum shaft.
- No voice evacuation on the fire alarm system. Inadequate smoke detector coverage.
- All pull stations are mounted at +60” AFF, which is above the code-required maximum height of +48” AFF.

Recommendations:

- Replace the entire electrical distribution system. It is our understanding that there is a project currently being designed in-house by UAF to remove the switchgear from the basement and install new gear in a reclaimed space in the mezzanine. This project also includes installation of new exterior pad-transformers at the northwest corner of the building. UAF Facilities staff also requested that consideration be given to upgrading the distribution system to 480V and then stepping down to 208V at each floor.
- Provide an emergency power system (a generator) for powering elevator car lights, fire pump, fire alarm and smoke control systems, and other standby/emergency loads associated with high-
rise buildings. Note that if this generator is installed inside the building, it must be located in a 2-hour room.

- In any area being remodeled, all branch panels should be replaced and more panels should be added, in order to maintain the UAF standard of a minimum of 20% spare capacity in each panel.
- All original light fixtures should be replaced with modern T8 fixtures.
- Provide an updated lighting control system, including occupancy sensors in most spaces.
- Remove all of the self-contained emergency battery units and install a centralized inverter. Re-circuit fixtures to the inverter as necessary to provide the code-required 1 foot-candle average illumination along the path of egress.
- Replace the existing fire alarm panel and all field devices with a new addressable system that includes voice evacuation.
<table>
<thead>
<tr>
<th>Item Code</th>
<th>Room Number</th>
<th>Deficiency/Problem</th>
<th>Correction/Solution</th>
<th>Priority</th>
<th>Deficiency Category</th>
<th>Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL-A-0012</td>
<td>Second Floor</td>
<td>Aging acoustical ceiling.</td>
<td>Replace 8,070 SF ACT.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$72,659.73</td>
</tr>
<tr>
<td>EL-A-0013</td>
<td>301B</td>
<td>Stained, damaged VCT.</td>
<td>Replace 220 SF floor tile.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$2,216.50</td>
</tr>
<tr>
<td>EL-A-0014</td>
<td>301B</td>
<td>Missing rubber/vinyl cove base.</td>
<td>Replace 65 LF cove base in conjunction with flooring.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$494.78</td>
</tr>
<tr>
<td>EL-A-0016</td>
<td>310F, 310G</td>
<td>Stained, damaged VCT.</td>
<td>Replace 195 SF floor tile.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$1,966.25</td>
</tr>
<tr>
<td>EL-A-0017</td>
<td>310F, 310G</td>
<td>Aging cove base.</td>
<td>Replace 60 LF cove base in conjunction with flooring.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$456.17</td>
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<tr>
<td>EL-A-0018</td>
<td>Third Floor</td>
<td>Aging VCT.</td>
<td>Replace 3,000 SF floor tile.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$30,217.33</td>
</tr>
<tr>
<td>EL-A-0019</td>
<td>Third Floor</td>
<td>Aging acoustical ceiling.</td>
<td>Replace 8,500 SF ACT.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$76,530.74</td>
</tr>
<tr>
<td>EL-A-0020</td>
<td>Fourth Floor</td>
<td>Windows are energy inefficient.</td>
<td>Replace all existing windows with aluminum storefront triple pane windows with thermal break frames to match size and quantity of existing windows. (See duplicate entry EL-C-0010 &amp; EL-C-0011 for pricing.)</td>
<td>6-10 yrs (Recommended)</td>
<td>Energy</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-A-0021</td>
<td>Fourth Floor</td>
<td>Low R-value; exterior walls.</td>
<td>Furr to inside of wall panels with 6&quot; metal studs, R13 fiberglass insulation, R25 rigid extruded polystyrene insulation, and vapor barrier. Finish exterior with prefinished metal panels, metal trim, coping, and flashings. (See duplicate entry EL-C-0008 and EL-C-0009 for pricing.)</td>
<td>6-10 yrs (Recommended)</td>
<td>Energy</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-A-0022</td>
<td>Fourth Floor</td>
<td>Low R-value; roof insulation.</td>
<td>Remove existing roof system and replace with R60 EPDM roof system.</td>
<td>6-10 yrs (Recommended)</td>
<td>Energy</td>
<td>$628,779.58</td>
</tr>
<tr>
<td>EL-A-0023</td>
<td>Fourth Floor</td>
<td>Aging cove base.</td>
<td>Replace 900 LF cove base in conjunction with flooring.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$6,845.41</td>
</tr>
<tr>
<td>EL-A-0024</td>
<td>Fourth Floor</td>
<td>Aging wall surfaces.</td>
<td>Prepare/paint 6,500 SF walls.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$28,727.27</td>
</tr>
<tr>
<td>EL-A-0025</td>
<td>Fourth Floor</td>
<td>Aging acoustical ceiling.</td>
<td>Replace 8,070 SF ACT.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$72,659.73</td>
</tr>
<tr>
<td>EL-A-0026</td>
<td>Fifth Floor</td>
<td>Aging VCT.</td>
<td>Replace 4,400 SF floor tile.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$44,319.99</td>
</tr>
<tr>
<td>EL-A-0027</td>
<td>Fifth Floor</td>
<td>Aging cove base.</td>
<td>Replace 900 LF cove base in conjunction with flooring.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$6,845.41</td>
</tr>
<tr>
<td>EL-A-0028</td>
<td>Fifth Floor</td>
<td>Aging wall surfaces.</td>
<td>Prepare/paint 2,800 SF walls.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$12,375.22</td>
</tr>
<tr>
<td>EL-A-0029</td>
<td>Fifth Floor</td>
<td>Aging acoustical ceiling.</td>
<td>Replace 8,070 SF ACT.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$72,659.73</td>
</tr>
<tr>
<td>EL-A-0030</td>
<td>Sixth Floor</td>
<td>Aging carpet.</td>
<td>Replace 145 SY carpet.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$15,035.02</td>
</tr>
<tr>
<td>EL-A-0031</td>
<td>Sixth Floor</td>
<td>Aging cove base.</td>
<td>Replace 250 LF cove base in conjunction with flooring.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$1,901.90</td>
</tr>
<tr>
<td>EL-A-0032</td>
<td>Sixth Floor</td>
<td>Aging acoustical ceiling.</td>
<td>Replace 8,070 SF ACT.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$72,659.73</td>
</tr>
<tr>
<td>EL-A-0033</td>
<td>Seventh Floor</td>
<td>Scratched, gouged interior wood doors.</td>
<td>Replace 40 interior wood doors.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$87,570.34</td>
</tr>
<tr>
<td>EL-A-0034</td>
<td>Seventh Floor</td>
<td>Aging VCT.</td>
<td>Replace 7200 SF floor tiles.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$72,522.45</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
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<td>Priority</td>
<td>Deficiency Category</td>
<td>Costs</td>
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</tr>
<tr>
<td>EL-A-0035</td>
<td>713</td>
<td>Aging carpet.</td>
<td>Replace 45 SY carpet with VCT flooring.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$4,666.09</td>
</tr>
<tr>
<td>EL-A-0036</td>
<td>Seventh</td>
<td>Aging cove base.</td>
<td>Replace 2,500 LF cove base in conjunction with flooring.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$19,014.71</td>
</tr>
<tr>
<td>EL-A-0037</td>
<td>Seventh</td>
<td>Aging wall surfaces.</td>
<td>Prepare/paint 25,000 SF walls.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$110,490.38</td>
</tr>
<tr>
<td>EL-A-0038</td>
<td>Seventh</td>
<td>Aging acoustical ceiling.</td>
<td>Replace 8,070 SF ACT.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$72,659.73</td>
</tr>
<tr>
<td>EL-A-0039</td>
<td>Eighth</td>
<td>Aging VCT.</td>
<td>Replace 435 SF floor tiles.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$4,381.52</td>
</tr>
<tr>
<td>EL-A-0040</td>
<td>Eighth</td>
<td>Aging wall surfaces.</td>
<td>Prepare/paint 1,000 SF walls.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$4,420.13</td>
</tr>
<tr>
<td>EL-A-0041</td>
<td>All</td>
<td>Aging doors; exterior doors energy inefficient.</td>
<td>Replace exterior and interior doors.</td>
<td>6-10 yrs (Recommended)</td>
<td>Energy, Deferred Maintenance</td>
<td>$1,798,225.00</td>
</tr>
<tr>
<td>EL-A-0042</td>
<td>All</td>
<td>Hazardous materials.</td>
<td>Remove asbestos-containing materials.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$2,220,790.00</td>
</tr>
<tr>
<td>EL-A-0043</td>
<td>All</td>
<td>Aging elevators.</td>
<td>Replace elevators.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$400,400.00</td>
</tr>
<tr>
<td>EL-C-0001</td>
<td>107</td>
<td>EXIT sign incorrectly directs occupants to exit through the garage.</td>
<td>Remove sign and replace with appropriate directional EXIT sign.</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$770.77</td>
</tr>
<tr>
<td>EL-C-0002</td>
<td>200M2</td>
<td>Lavatories do not have protection for piping. Typical of all toilet rooms.</td>
<td>Provide insulated protection on lavatory piping. (Duplicate of entry AH-C-0021.)</td>
<td>2-5 yrs (Necessary)</td>
<td>ADA</td>
<td>$5,439.72</td>
</tr>
<tr>
<td>EL-C-0003</td>
<td>200M2</td>
<td>Drinking fountains are not wheelchair accessible: Spout height is 41-inches. Typical on floors 7, 6, 5, 4, and 3.</td>
<td>Provide wheelchair accessible drinking fountains.</td>
<td>2-5 yrs (Necessary)</td>
<td>ADA</td>
<td>$18,911.75</td>
</tr>
<tr>
<td>EL-C-0004</td>
<td>200M2</td>
<td>Paper towel dispenser operating handle is 64-inches above the floor. Typical of all toilet rooms.</td>
<td>Lower all paper towel dispensers to place operating handle a maximum of 48-inches above the floor. (Duplicate of entry AH-C-0021.)</td>
<td>2-5 yrs (Necessary)</td>
<td>ADA</td>
<td>$2,459.60</td>
</tr>
<tr>
<td>EL-C-0005</td>
<td>200M2</td>
<td>Water closet compartment is not wheelchair accessible.</td>
<td>Reconfigure toilet rooms to provide wheelchair accessible water closet compartment with grab bars and toilet paper dispensers. (Duplicate of entry AH-C-0021.)</td>
<td>2-5 yrs (Necessary)</td>
<td>ADA</td>
<td>$136,752.33</td>
</tr>
<tr>
<td>EL-C-0006</td>
<td>100M1, 200M1, 300M1, 400M1, 500M1, 600M1, 700M1</td>
<td>The typical urinal in MEN toilet rooms is not wheelchair accessible. They do not provide the minimum 36-inches of clear width. The forward lip is more than the maximum 17-inches above the floor.</td>
<td>Provide 36-inches of clear width in front the urinal. Lower the urinals to a maximum height of 17-inches from the front lip to the floor. (Duplicate of entry AH-C-0021.)</td>
<td>2-5 yrs (Necessary)</td>
<td>ADA</td>
<td>$17,875.00</td>
</tr>
<tr>
<td>EL-C-0007</td>
<td>100M1, 100W1, 200M1, 200W1, 300M1, 300W1, 400M1, 400W1, 500M1, 500W1, 600M1, 600W1, 700M1, 700W1</td>
<td>The typical toilet room door is not wheelchair accessible. They do not provide the minimum 32-inches of clear width.</td>
<td>Increase opening width for all toilet room doors to accommodate a 36-inch wide door. (Duplicate of entry AH-C-0021.)</td>
<td>2-5 yrs (Necessary)</td>
<td>ADA</td>
<td>$46,057.44</td>
</tr>
<tr>
<td>EL-C-0008</td>
<td></td>
<td>The curtain wall system is a metal sandwich panels with an insulated core. It has an R-value of 9, Floors 2-7.</td>
<td>Remove the curtain wall system and replace with a wall system having a R-38 rating. Floors 2-7.</td>
<td>6-10 yrs (Recommended)</td>
<td>Energy</td>
<td>$9,289,054.06</td>
</tr>
<tr>
<td>EL-C-0009</td>
<td></td>
<td>The exterior envelope has an aluminum curtain wall system of insulated metal sandwich panels. It has an R-value of 9, Floor 1.</td>
<td>Remove the exterior envelope and replace it with a wall system having an R-38 rating.</td>
<td>6-10 yrs (Recommended)</td>
<td>Energy</td>
<td>$849,953.39</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
<td>Deficiency/Problem</td>
<td>Correction/Solution</td>
<td>Priority</td>
<td>Deficiency Category</td>
<td>Costs</td>
</tr>
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</tr>
<tr>
<td>EL-C-0010</td>
<td></td>
<td>Exterior windows have an R-value of less than 2. Floors 2-7.</td>
<td>Remove the aluminum windows. Replace with fiberglass, triple pane, low E, insulating glazing units with an overall R-value of 3.29.</td>
<td>6-10 yrs (Recommended)</td>
<td>Energy</td>
<td>$725,431.85</td>
</tr>
<tr>
<td>EL-C-0011</td>
<td></td>
<td>Typical aluminum windows have an R-value of less than 2. The windows should have a minimum R-value of 3.79. Floor 1.</td>
<td>Remove the aluminum windows. Replace with fiberglass, triple pane, low E, insulating glazing units.</td>
<td>6-10 yrs (Recommended)</td>
<td>Energy</td>
<td>$148,298.15</td>
</tr>
<tr>
<td>EL-C-0012</td>
<td>200W1, 300W1, 400W1, 500W1, 600W1, 700W1</td>
<td>WOMEN toilet rooms and compartments are not wheelchair accessible.</td>
<td>Provide toilet rooms that are wheelchair accessible. (Duplicate of entry AH-C-0021.)</td>
<td>2-5 yrs ( Necessary)</td>
<td>ADA</td>
<td>$11,172.59</td>
</tr>
<tr>
<td>EL-C-0013</td>
<td>10053, 20054</td>
<td>Handrails do not have a 12-inch horizontal extension at the top and do not slope for the depth of one tread beyond the bottom riser.</td>
<td>Provide handrails with complying extensions at top and bottom of stair flights.</td>
<td>2-5 yrs ( Necessary)</td>
<td>ADA</td>
<td>$55,820.05</td>
</tr>
<tr>
<td>EL-C-0014</td>
<td>70051</td>
<td>Floor identification signs in two stairways do not comply: tactile characters, floor designation, terminus of the top and bottom, identification of the stairs.</td>
<td>Remove signs and replace with complying signs.</td>
<td>2-5 yrs ( Necessary)</td>
<td>Code</td>
<td>$11,561.55</td>
</tr>
<tr>
<td>EL-C-0015</td>
<td>70051</td>
<td>Stairs do not have a 42-inch high guard rail in 4 stairs.</td>
<td>Provide code complying guardrails at the open side of the stairways.</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$47,640.45</td>
</tr>
<tr>
<td>EL-C-0016</td>
<td></td>
<td>Pre-cast concrete panels deteriorating.</td>
<td>Repair pre-cast concrete panels.</td>
<td>6-10 yrs (Recommended)</td>
<td>Deferred Maintenance</td>
<td>$351,881.53</td>
</tr>
<tr>
<td>EL-C-0017</td>
<td>20051</td>
<td>Bottom landing of stair 10051 does not have a depth equal to the stair width of 57-1/2 inches. Actual depth is 47-inches.</td>
<td>Reconfigure the stairs to provide a landing equal to the width of the stair.</td>
<td>2-5 yrs ( Necessary)</td>
<td>Code</td>
<td>$30,416.10</td>
</tr>
<tr>
<td>EL-C-0018</td>
<td>508</td>
<td>Doors are not ADA compliant for an accessible route. Door handles are knobs, not levers.</td>
<td>Replace door knobs with door levers. (Duplicate of entry AH-A-0041.)</td>
<td>2-5 yrs ( Necessary)</td>
<td>ADA</td>
<td>$14,673.23</td>
</tr>
<tr>
<td>EL-C-0019</td>
<td>20052</td>
<td>Exit enclosure door does not have an exit device.</td>
<td>Replace knob handle with exit device. (Duplicate of entry AH-A-0041.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$797.94</td>
</tr>
<tr>
<td>EL-C-0020</td>
<td>20052</td>
<td>Exit enclosure does not terminate at an exit discharge.</td>
<td>Reconfigure Floor 2 to provide stair 20052 with an exit discharge at the exterior of the building.</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$66,293.37</td>
</tr>
<tr>
<td>EL-C-0021</td>
<td></td>
<td>Aging bathrooms; non-ADA compliant.</td>
<td>Renovate bathrooms.</td>
<td>2-5 yrs ( Necessary)</td>
<td>ADA</td>
<td>$1,050,335.00</td>
</tr>
<tr>
<td>EL-E-0001</td>
<td>100U3A</td>
<td>The electrical switchgear in this room is rated over 1200 amps, which requires &quot;unobstructed egress&quot; from the room. The doors do not have panic hardware (2011 NEC 110.26.C.3).</td>
<td>Install panic hardware on both leaves.</td>
<td>1 yr (Critical)</td>
<td>Life Safety</td>
<td>$4,400.11</td>
</tr>
<tr>
<td>EL-E-0002</td>
<td>100U3A</td>
<td>The electrical room is located below the pavilion in front of the building and there is a problem with water leaking down into the room, directly above the switchgear. Although the blue tarp above the bus duct may be a viable temporary solution, this is still a hazard for life safety, maintenance, and disruption of electrical service to the building. Considering the fact that this gear feeds the SAR computer in the Elvey Annex, any disruption of service could have significant financial consequences.</td>
<td>Repair the ceiling. Provide additional protection against leaks. (2011 NEC 110.26.E.1.b)</td>
<td>1 yr (Critical)</td>
<td>Life Safety, Deferred Maintenance</td>
<td>$39,626.73</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
<td>Deficiency/Problem</td>
<td>Correction/Solution</td>
<td>Priority</td>
<td>Deficiency Category</td>
<td>Costs</td>
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</tr>
<tr>
<td>EL-E-0003</td>
<td>100U1A</td>
<td>The light fixture is connected with a flexible cord, which is allowed by code but not in this case because the connection point is not directly above the fixture (2011 NEC 410.62.C.1.1) and the cord is subject to strain (2011 NEC 410.62.C.1.2.b).</td>
<td>Provide a new connection point on the ceiling above the fixture.</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$308.88</td>
</tr>
<tr>
<td>EL-E-0004</td>
<td>All</td>
<td>Building fire alarm system does not comply with current codes. Example: Insufficient strobe coverage in corridors and other public spaces. This corridor does not have any horns or strobes.</td>
<td>Replace entire fire alarm system with new Siemens XLS system, which is the UAF standard for all campus buildings. Provide notification appliances in all occupied spaces in accordance with NFPA-72 requirements. If this building qualifies as a high-rise, provide a voice evacuation system. (See duplicate entry EL-E-0026 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety</td>
<td>$1,445,193.75</td>
</tr>
<tr>
<td>EL-E-0005</td>
<td>100M1, 100W1</td>
<td>No horn or strobe coverage in the toilet room.</td>
<td>Replace entire fire alarm system with new Siemens XLS system. Provide notification appliances in all occupied spaces in accordance with NFPA-72 requirements. If this building qualifies as a high-rise, provide a voice evacuation system. (See duplicate entry EL-E-0026 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-E-0006</td>
<td>200C6</td>
<td>Although this corridor has a horn/strobe located midway down the hall, it is only visible if the door is open.</td>
<td>Replace entire fire alarm system with new Siemens XLS system. Provide notification appliances in all occupied spaces in accordance with NFPA-72 requirements, including strobes within 15' of the end of each corridor or corridor section (with doors closed). If this building qualifies as a high-rise, provide a voice evacuation system. (See duplicate entry EL-E-0026 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Life Safety</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-E-0007</td>
<td>S2</td>
<td>Although horns and strobes installed in stair enclosures are not specifically prohibited, they are not required either. NFPA 72 does not recommend installing these devices in stair enclosures because the high noise levels and light intensity could cause confusion and impede egress. (2010 NFPA 72 A.23.8.6.2)</td>
<td>Replace entire fire alarm system with new Siemens XLS system. Remove all horns and strobes from the stair enclosures. If this building qualifies as a high-rise, provide a voice evacuation system that does include speakers in the stairwells. (See duplicate entry EL-E-0026 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-E-0008</td>
<td>200C2</td>
<td>The pull station is not within 5' of the exit doorway. (2010 NFPA 72 17.14.6)</td>
<td>Replace entire fire alarm system with new Siemens XLS system. Blank off this device location and provide a new pull station within 5' of the exit. (See duplicate entry EL-E-0026 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Life Safety</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-E-0009</td>
<td>403</td>
<td>The smoke detector is within 36&quot; of the air diffuser. (2010 NFPA 72 A17.7.4.1) This condition is typical of all floors, to varying degrees. Example: There are (5) detectors on the 2nd floor that need to be relocated, (20) on the 3rd floor, approx. (10) each on floors 4-6, and (4) on the 7th floor.</td>
<td>Replace entire fire alarm system with new Siemens XLS system. All new smoke detectors shall be located at least 36&quot; from HVAC diffusers. (See duplicate entry EL-E-0026 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Life Safety</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-E-0010</td>
<td>100C3</td>
<td>Building fire alarm system does not comply with current codes. Example: Notification appliances (strobes and horn/strobes) are not ADA-compliant for temporal coding and synchronized flash rate. (2010 NFPA 72 18.5.2)</td>
<td>Replace entire fire alarm system with new Siemens XLS system. New notification appliances will have temporal coding (unless a voice evacuation system is installed) and synchronized flash. (See duplicate entry EL-E-0026 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety, ADA</td>
<td>$0.00</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
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<td>Priority</td>
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<td>Costs</td>
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</tr>
<tr>
<td>EL-E-0011</td>
<td>118</td>
<td>Panel ‘CP SDF 019’ is missing deadfront closures on the empty breaker spaces, which means the busbars are visible and accessible when the panel door is opened.</td>
<td>Provide new closures for all open spaces.</td>
<td>1 yr (Critical)</td>
<td>Life Safety, Deferred Maintenance</td>
<td>$431.86</td>
</tr>
<tr>
<td>EL-E-0012</td>
<td>125</td>
<td>The battery-powered emergency light is connected to the receptacle circuit instead of being connected to the local lighting circuit. (2011 NEC 700.12.F)</td>
<td>Provide a hard-wired connection to the local lighting circuit that is connected to the building’s emergency power system (EPS). Duplicate of entry EL-E-0014.</td>
<td>1 yr (Critical)</td>
<td>Life Safety, Deferred Maintenance</td>
<td>$777.42</td>
</tr>
<tr>
<td>EL-E-0013</td>
<td>100V1</td>
<td>At the west exits 100V1, there is no exterior egress light on the outside of the exit door. (2009 IBC 1006.3.5). It is unknown whether the two existing fixtures flanking the door are connected to the building’s emergency power system (EPS). Regardless, these fixtures are incandescent, which are not efficient and have a short life.</td>
<td>At each exit, replace the incandescent fixtures with LED fixtures that are connected to the building’s emergency power system.</td>
<td>1 yr (Critical)</td>
<td>Life Safety, Energy</td>
<td>$4,717.57</td>
</tr>
<tr>
<td>EL-E-0014</td>
<td>100C1 (northwest)</td>
<td>The exit sign arrow implies that the path of egress is through the garage, which is not actually part of the exit pathway.</td>
<td>Remove the exit sign.</td>
<td>1 yr (Critical)</td>
<td>Life Safety</td>
<td>$258.83</td>
</tr>
<tr>
<td>EL-E-0015</td>
<td>51, 52</td>
<td>Emergency lights are only installed on every other landing, which does not provide sufficient illumination in the event of a power failure. (2009 IBC 1006.3)</td>
<td>Install emergency lights on all landings where currently missing.</td>
<td>1 yr (Critical)</td>
<td>Life Safety</td>
<td>$20,720.70</td>
</tr>
<tr>
<td>EL-E-0016</td>
<td>100U5</td>
<td>The building paging system does not appear to operate.</td>
<td>Confirm with UAF that a paging system is still required in this facility. If so, replace the head-end equipment and all paging speakers with a new system. If paging system is no longer required, demolish all devices.</td>
<td>6-10 yrs (Recommended)</td>
<td>Functionality</td>
<td>$84,897.67</td>
</tr>
<tr>
<td>EL-E-0017</td>
<td>200C6</td>
<td>On each floor, there is a fire alarm cabinet that contains terminal strips with all the notification appliance circuit wiring. The cabinet is unlocked, which makes the fire alarm system wiring susceptible to tampering or vandalism.</td>
<td>Install locks on 8 cabinets (all floors).</td>
<td>1 yr (Critical)</td>
<td>Deferred Maintenance</td>
<td>$2,023.45</td>
</tr>
<tr>
<td>EL-E-0018</td>
<td>400U2</td>
<td>Distribution panel ‘BL’ is missing the top section of the deadfront, which means the lugs are accessible.</td>
<td>Provide a new cover on the panel.</td>
<td>1 yr (Critical)</td>
<td>Life Safety, Deferred Maintenance</td>
<td>$421.85</td>
</tr>
<tr>
<td>EL-E-0019</td>
<td>400U2</td>
<td>Distribution panel ‘BL’ has 29” of clear working space in front of the panel, instead of 36” as required. (2011 NEC 110.26.A.1, condition 2).</td>
<td>No easy solution. If possible, remove the smaller panel from the opposite wall (right side of photo) and extend circuits to a new location. This will provide approximately 35” of clear space, which almost meets code and will likely be acceptable to the AHI.</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety, Deferred Maintenance</td>
<td>$4,800.51</td>
</tr>
<tr>
<td>EL-E-0020</td>
<td></td>
<td>Aging and insufficient data and telecom.</td>
<td>Replace all data/telecom.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$3,700,840.00</td>
</tr>
<tr>
<td>EL-E-0021</td>
<td></td>
<td>Outlets are in violation of the code.</td>
<td>Replace all electrical switches and outlets with GFCI.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code, Deferred Maintenance</td>
<td>$2,749,890.00</td>
</tr>
<tr>
<td>EL-E-0022</td>
<td></td>
<td>Aging electrical distribution system, switch gear, transformers, and branch panels.</td>
<td>Replace entire electrical distribution system including switch gear, transformers; Add branch panels.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$7,508,215.00</td>
</tr>
<tr>
<td>EL-E-0023</td>
<td></td>
<td>Aging lighting control systems and occupancy sensors.</td>
<td>Provide updated lighting control system and occupancy sensors.</td>
<td>2-5 yrs (Necessary)</td>
<td>Energy, Deferred Maintenance</td>
<td>$370,370.00</td>
</tr>
<tr>
<td>EL-E-0024</td>
<td></td>
<td>Emergency lighting system not consistent with current UAF standards.</td>
<td>Remove self-contained battery units and install a centralized inverter. Recircuit fixtures.</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety, UAF Standards</td>
<td>$296,010.00</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
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</tr>
<tr>
<td>EL-E-0025</td>
<td></td>
<td>Building lacks emergency stand-by power.</td>
<td>Provide emergency stand-by power system (250kW).</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$251,680.00</td>
</tr>
<tr>
<td>EL-E-0026</td>
<td></td>
<td>Insufficient fire alarm and emergency lighting coverage and notification.</td>
<td>Replace fire alarm system &amp; panels; Add emergency lighting.</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety, Deferred Maintenance</td>
<td>$3,700,840.00</td>
</tr>
<tr>
<td>EL-E-0027</td>
<td></td>
<td>No video surveillance.</td>
<td>Add video surveillance.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$300,300.00</td>
</tr>
<tr>
<td>EL-L-0001</td>
<td>701</td>
<td>Space used as grad student offices.</td>
<td>Repurpose office space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0002</td>
<td>706</td>
<td>Space used as conference room.</td>
<td>Repurpose conference room space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0003</td>
<td>708G</td>
<td>Space used as grad student offices.</td>
<td>Repurpose office space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0004</td>
<td>708G</td>
<td>Insufficient air.</td>
<td>Increase air flow. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0005</td>
<td>708G</td>
<td>Remnant electrical services.</td>
<td>Remove electrical disconnect and UPS switch.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$296.01</td>
</tr>
<tr>
<td>EL-L-0006</td>
<td>713</td>
<td>Space used as grad student offices.</td>
<td>Repurpose office space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0007</td>
<td>713</td>
<td>Space not appropriate for lab.</td>
<td>Remove stove and replace with new countertop.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$1,284.14</td>
</tr>
<tr>
<td>EL-L-0008</td>
<td>713</td>
<td>Plastic laminate top not appropriate for lab.</td>
<td>Replace countertop.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0009</td>
<td>713</td>
<td>Carpeted floors not appropriate for lab.</td>
<td>Replace carpeting with appropriate flooring. (See duplicate entry EL-A-003S for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0010</td>
<td>506</td>
<td>Sprinkler heads above electrical conduits.</td>
<td>Move conduits.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$1,354.71</td>
</tr>
<tr>
<td>EL-L-0011</td>
<td>506</td>
<td>Offices exits through lab.</td>
<td>Construct 70 LF corridor wall parallel to wall with office doors.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code</td>
<td>$17,147.13</td>
</tr>
<tr>
<td>EL-L-0012</td>
<td>506</td>
<td>Base missing from cabinets.</td>
<td>Replace cabinet base.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0013</td>
<td>506</td>
<td>Bench tops not installed properly.</td>
<td>Install bench tops properly. (See duplicate entry EL-L-0014 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0014</td>
<td>506</td>
<td>Mix of cabinets.</td>
<td>Install new cabinets.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$46,170.92</td>
</tr>
<tr>
<td>EL-L-0015</td>
<td>506</td>
<td>Flooring may contain asbestos.</td>
<td>Test and replace flooring. (See duplicate entry EL-A-0026 and 0027 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0016</td>
<td>506</td>
<td>Exit not ADA accessible.</td>
<td>Move boxes and cabinets.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0017</td>
<td>506</td>
<td>No local exhaust for soldering.</td>
<td>Install 6&quot; diameter, moveable local exhaust snorkel.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code, Deferred Maintenance</td>
<td>$1,664.52</td>
</tr>
<tr>
<td>EL-L-0018</td>
<td>506</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing (2) shelves. (Duplicate of entry EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0019</td>
<td>506</td>
<td>Office in lab.</td>
<td>Move office out of lab.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0020</td>
<td>506</td>
<td>Batteries stored with improper ventilation.</td>
<td>Move to vented storage room.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0021</td>
<td>506</td>
<td>Need storage.</td>
<td>Move boxes and cabinets.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0022</td>
<td>501A</td>
<td>Base missing on cabinets.</td>
<td>Replace casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$57,713.66</td>
</tr>
<tr>
<td>EL-L-0023</td>
<td>501A</td>
<td>Room used as office, office storage and workshop.</td>
<td>Re-layout space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0024</td>
<td>501A</td>
<td>Storage in middle of room, not ADA accessible.</td>
<td>Move storage items out of room.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0025</td>
<td>501A</td>
<td>Batteries stored with improper ventilation.</td>
<td>Move batteries to vented storage room.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0026</td>
<td>501A</td>
<td>No local exhaust for soldering.</td>
<td>Install 6&quot; diameter, moveable local exhaust snorkel.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code, Deferred Maintenance</td>
<td>$1,664.52</td>
</tr>
<tr>
<td>EL-L-0027</td>
<td>501A</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing (2 shelves). (Duplicate of entry EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0028</td>
<td>501A</td>
<td>Door blocked but not removed.</td>
<td>Remove door and infill wall.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$715.00</td>
</tr>
<tr>
<td>EL-L-0029</td>
<td>501A</td>
<td>Benchtops not sealed to walls.</td>
<td>Re-caulk and verify tops are fixed to base cabinets. (See duplicate entry EL-L-0022 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0030</td>
<td>410</td>
<td>Graduate student offices.</td>
<td>Repurpose office space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0031</td>
<td>413</td>
<td>Graduate student offices.</td>
<td>Repurpose office space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
<td>Deficiency/Problem</td>
<td>Correction/Solution</td>
<td>Priority</td>
<td>Deficiency Category</td>
<td>Costs</td>
</tr>
<tr>
<td>-----------</td>
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<td>------------------------------------------------------------------------------------</td>
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<td>--------------------------------------------</td>
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</tr>
<tr>
<td>EL-L-0032</td>
<td>413</td>
<td>Ventilation inadequate; room has Liebert unit.</td>
<td>Increase room ventilation. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0033</td>
<td>401</td>
<td>Office and workshop space shared.</td>
<td>Separate office from workshop.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0034</td>
<td>401</td>
<td>No local exhaust for soldering.</td>
<td>Install 6&quot; diameter, moveable local exhaust snorkel.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code, Deferred Maintenance</td>
<td>$1,664.52</td>
</tr>
<tr>
<td>EL-L-0035</td>
<td>401</td>
<td>Exposed waste vent line.</td>
<td>Enclose waste vent line in umbilical.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$747.89</td>
</tr>
<tr>
<td>EL-L-0036</td>
<td>401</td>
<td>Food in lab space.</td>
<td>Remove food from lab.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0037</td>
<td>401</td>
<td>Flooring may contain asbestos.</td>
<td>Test and replace flooring. (See duplicate entry EL-A-0018 and 0023 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0038</td>
<td>403</td>
<td>Graduate student office.</td>
<td>Repurpose office space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0039</td>
<td>403</td>
<td>Field gear stored in office space.</td>
<td>Move gear to storage facility.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0040</td>
<td>407</td>
<td>Flooring may contain asbestos.</td>
<td>Test and replace flooring. (See duplicate entry EL-A-0023 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0041</td>
<td>407</td>
<td>Office and workshop space shared.</td>
<td>Separate office from workshop.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0042</td>
<td>407</td>
<td>Old casework and bench tops.</td>
<td>Replace casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$28,856.83</td>
</tr>
<tr>
<td>EL-L-0043</td>
<td>407</td>
<td>No local exhaust for soldering.</td>
<td>Install 6&quot; diameter, moveable local exhaust snorkel.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code, Deferred Maintenance</td>
<td>$1,664.52</td>
</tr>
<tr>
<td>EL-L-0044</td>
<td>407</td>
<td>Unsafe electrical conduit and raceway.</td>
<td>Replace electrical conduit. (Duplicate of EL-E-0022.)</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$719.29</td>
</tr>
<tr>
<td>EL-L-0045</td>
<td>407</td>
<td>Batteries stored with improper ventilation.</td>
<td>Move batteries to vented storage room.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0046</td>
<td>407</td>
<td>Base missing from cabinets.</td>
<td>Replace cabinet base. (See duplicate entry EL-L-0042 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0047</td>
<td>407</td>
<td>Office exits through lab.</td>
<td>Re-layout space.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0048</td>
<td>407</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing (3 shelves). (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$323.68</td>
</tr>
<tr>
<td>EL-L-0049</td>
<td>407</td>
<td>Need storage space.</td>
<td>Move boxes and cabinets.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0050</td>
<td>301</td>
<td>This space is seismology display wall and meeting room.</td>
<td>Repurpose space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0051</td>
<td>301</td>
<td>Flooring may contain asbestos.</td>
<td>Test flooring and replace with VCT; replace cove base.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$7,255.25</td>
</tr>
<tr>
<td>EL-L-0052</td>
<td>301</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing [2 shelves]. (Duplicate of EL-S-0002)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0053</td>
<td>301</td>
<td>Needs better ventilation.</td>
<td>Provide better ventilation. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0054</td>
<td>301</td>
<td>Western half of room is in renovation process.</td>
<td>Re layout space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0055</td>
<td>301</td>
<td>Flooring needs refinishing.</td>
<td>Refinish floors. (See duplicate entry EL-L-0051 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0056</td>
<td>301N</td>
<td>Room too small for needs.</td>
<td>Provide larger server room.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0057</td>
<td>301N</td>
<td>Needs better cooling system.</td>
<td>Provide better ventilation. (See duplicate entry EL-M-0017 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0058</td>
<td>301 M</td>
<td>This room is a printer room.</td>
<td>Repurpose printer room.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0059</td>
<td>301 M</td>
<td>Inappropriate lighting.</td>
<td>Remove and replace lights with 2x4 fixtures.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$4,650.36</td>
</tr>
<tr>
<td>EL-L-0060</td>
<td>301 M</td>
<td>Remnant power switch.</td>
<td>Remove Remnant power switch.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$62.92</td>
</tr>
<tr>
<td>EL-L-0061</td>
<td>307</td>
<td>This room is Graduate student offices.</td>
<td>Repurpose office space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
</tbody>
</table>
## UAF WRDM Deep Look Survey
### C. T. Elvey Building

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Room Number</th>
<th>Deficiency/Problem</th>
<th>Correction/Solution</th>
<th>Priority</th>
<th>Deficiency Category</th>
<th>Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL-L-0062</td>
<td>310</td>
<td>Labs exit through this space.</td>
<td>Provide 22 LF wall and 3'-0&quot; door.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$5,389.10</td>
</tr>
<tr>
<td>EL-L-0063</td>
<td>310</td>
<td>Carpeted floors inappropriate for lab space (microscope station).</td>
<td>Replace carpeting with appropriate flooring.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code</td>
<td>$10,775.05</td>
</tr>
<tr>
<td>EL-L-0064</td>
<td>310F</td>
<td>Insufficient data.</td>
<td>Provide more data ports. Supply 4 drops. (Duplicate of EL-E-0020.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$2,179.32</td>
</tr>
<tr>
<td>EL-L-0065</td>
<td>310F</td>
<td>Flammable storage cabinet at exit.</td>
<td>Move cabinet to safer location.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0066</td>
<td>310F</td>
<td>Lab exits through office.</td>
<td>Re layout space. (See duplicate entry EL-L-0062 for pricing.)</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0067</td>
<td>310F</td>
<td>No eyewash.</td>
<td>Install approved eyewash.</td>
<td>1 yr (Critical)</td>
<td>Code, Life Safety</td>
<td>$5,348.92</td>
</tr>
<tr>
<td>EL-L-0068</td>
<td>310F</td>
<td>Emergency shower not ADA accessible.</td>
<td>Install ADA accessible emergency shower.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$5,348.92</td>
</tr>
<tr>
<td>EL-L-0069</td>
<td>310F</td>
<td>Floors may contain asbestos.</td>
<td>Test and replace flooring. (See duplicate entry EL-A-0016 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0070</td>
<td>310F</td>
<td>Gas and air lines don’t work. Waterline run below ceiling across room.</td>
<td>Remove or re-install gas, water, and air lines properly.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$2,418.13</td>
</tr>
<tr>
<td>EL-L-0071</td>
<td>310F</td>
<td>No seismic restraints at shelves. (2 shelves)</td>
<td>Install shelving restraints. (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code, Deferred Maintenance</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0072</td>
<td>310F</td>
<td>Need storage space.</td>
<td>Move boxes and cabinets.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0073</td>
<td>310F</td>
<td>No local exhaust for soldering.</td>
<td>Install 6” diameter, moveable local exhaust snorkel.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code, Deferred Maintenance</td>
<td>$1,664.52</td>
</tr>
<tr>
<td>EL-L-0074</td>
<td>310F</td>
<td>Fume hood over sink.</td>
<td>Remove sink.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code</td>
<td>$534.82</td>
</tr>
<tr>
<td>EL-L-0075</td>
<td>310F</td>
<td>Hood with on/off switch.</td>
<td>Replace fume hood.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$20,752.16</td>
</tr>
<tr>
<td>EL-L-0076</td>
<td>310G</td>
<td>Floors may contain asbestos.</td>
<td>Test and replace flooring. (See duplicate entry EL-A-0016 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0077</td>
<td>310G</td>
<td>No seismic restraints at shelves.</td>
<td>Install shelving restraints (2 units). (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code, Deferred Maintenance</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0078</td>
<td>310G</td>
<td>Eyewash not accessible.</td>
<td>Replace eyewash in more accessible location.</td>
<td>1 yr (Critical)</td>
<td>Code, Life Safety</td>
<td>$5,348.92</td>
</tr>
<tr>
<td>EL-L-0079</td>
<td>310G</td>
<td>Sealed copper pipe protruding from floor.</td>
<td>Remove remnant piping.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$267.41</td>
</tr>
<tr>
<td>EL-L-0080</td>
<td>310G</td>
<td>Field gear stored in lab.</td>
<td>Remove field gear.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0081</td>
<td>310G</td>
<td>Remnant laminar flow HEPA unit suspended from ceiling.</td>
<td>Remove remnant laminar flow HEPA unit.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$481.48</td>
</tr>
<tr>
<td>EL-L-0082</td>
<td>310G</td>
<td>Casework falling apart.</td>
<td>Replace casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$54,827.97</td>
</tr>
<tr>
<td>EL-L-0083</td>
<td>310G</td>
<td>Old fume hood.</td>
<td>Replace fume hood.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$20,752.16</td>
</tr>
<tr>
<td>EL-L-0084</td>
<td>310G</td>
<td>Remnant light fixtures.</td>
<td>Replace light fixtures.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$3,875.30</td>
</tr>
<tr>
<td>EL-L-0085</td>
<td>310G</td>
<td>Non-functional bench top.</td>
<td>Replace bench top. (See duplicate entry EL-L-0082 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0086</td>
<td>310G</td>
<td>Lab exits through another lab and then through another office.</td>
<td>Provide 100 LF wall parallel to wall with office doors to form corridor.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$24,739.00</td>
</tr>
<tr>
<td>EL-L-0087</td>
<td>310G</td>
<td>Inappropriate gas cylinder support.</td>
<td>Provide approved cylinder mount.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$965.93</td>
</tr>
<tr>
<td>EL-L-0088</td>
<td>310C</td>
<td>This space is an office.</td>
<td>Repurpose office space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
<td>Deficiency/Problem</td>
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<td>Priority</td>
<td>Deficiency Category</td>
<td>Costs</td>
</tr>
<tr>
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</tr>
<tr>
<td>EL-L-0089</td>
<td>127</td>
<td>Batteries stored with improper ventilation.</td>
<td>Move batteries to vented storage room.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0090</td>
<td>127</td>
<td>Need more storage space, especially shelving units.</td>
<td>Provide more shelving.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0091</td>
<td>127</td>
<td>Walls, floor and ceiling need repainting.</td>
<td>Repaint walls.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$10,540.53</td>
</tr>
<tr>
<td>EL-L-0092</td>
<td>124</td>
<td>Remnant concrete pedestal.</td>
<td>Remove remnant concrete pedestal.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$1,664.52</td>
</tr>
<tr>
<td>EL-L-0093</td>
<td>124</td>
<td>Need more shelving units.</td>
<td>Provide more shelving.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0094</td>
<td>124</td>
<td>Room entered through remnant airlock.</td>
<td>Remove airlock; Remove 5’ x 5’ wall sections with 3’-0” door, repair flooring, gyp board.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$1,239.81</td>
</tr>
<tr>
<td>EL-L-0095</td>
<td>122</td>
<td>Door to room from stairwell.</td>
<td>Remove door; Infill wall.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$715.00</td>
</tr>
<tr>
<td>EL-L-0096</td>
<td>122</td>
<td>Inefficient room layout.</td>
<td>Remodel room.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0097</td>
<td>122</td>
<td>Casework falling apart.</td>
<td>Replace casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$77,913.41</td>
</tr>
<tr>
<td>EL-L-0098</td>
<td>122A</td>
<td>Room very dark.</td>
<td>Repaint room lighter color.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$3,181.75</td>
</tr>
<tr>
<td>EL-L-0099</td>
<td>122A</td>
<td>Bench top falling apart.</td>
<td>Replace bench top with epoxy bench top.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$7,653.36</td>
</tr>
<tr>
<td>EL-L-0100</td>
<td>122A</td>
<td>Inefficient room layout.</td>
<td>Remodel room.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0101</td>
<td>122A</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing (2 units). (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code, Deferred Maintenance</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0102</td>
<td>122A</td>
<td>Room needs storage space.</td>
<td>Provide storage room or more shelving.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0103</td>
<td>122A</td>
<td>Remnant laser lab equipment.</td>
<td>Remove equipment.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0104</td>
<td>122A1</td>
<td>Remnant darkroom sink.</td>
<td>Remove sink.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$616.33</td>
</tr>
<tr>
<td>EL-L-0105</td>
<td>122A1</td>
<td>Room very dark.</td>
<td>Repaint room lighter color.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$1,767.48</td>
</tr>
<tr>
<td>EL-L-0106</td>
<td>122A1</td>
<td>Room mostly used as storage.</td>
<td>Move equipment and boxes into storage room.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0107</td>
<td>122A2</td>
<td>Room needs storage space.</td>
<td>Move equipment and boxes into storage room.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0108</td>
<td>122B</td>
<td>Makeshift casework.</td>
<td>Provide appropriate casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$28,856.83</td>
</tr>
<tr>
<td>EL-L-0109</td>
<td>120</td>
<td>No emergency shower/eyewash unit.</td>
<td>Verify chemical use doesn't require safety shower/eyewash.</td>
<td>1 yr (Critical)</td>
<td>Code, Life Safety</td>
<td>$5,348.92</td>
</tr>
<tr>
<td>EL-L-0110</td>
<td>120</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing (2 units). (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code, Deferred Maintenance</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0111</td>
<td>118A</td>
<td>Verify proper airflow for lab.</td>
<td>Verify airflow. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0112</td>
<td>118B</td>
<td>Verify proper airflow for lab.</td>
<td>Verify airflow. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0113</td>
<td>118B</td>
<td>No emergency shower/eyewash unit.</td>
<td>Verify chemical use doesn't require safety shower/eyewash.</td>
<td>1 yr (Critical)</td>
<td>Code, Life Safety</td>
<td>$5,348.92</td>
</tr>
<tr>
<td>EL-L-0114</td>
<td>121</td>
<td>1/2 server farm, 1/2 field storage.</td>
<td>Space should be dedicated to one function.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0115</td>
<td>121</td>
<td>Insufficient cooling for servers.</td>
<td>Provide appropriate cooling. (See duplicate entry EL-M-0015 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0116</td>
<td>121</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing (2 units). (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code, Deferred Maintenance</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0117</td>
<td>121</td>
<td>Makeshift casework.</td>
<td>Provide appropriate casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$14,428.41</td>
</tr>
<tr>
<td>EL-L-0118</td>
<td>121</td>
<td>Batteries stored with improper ventilation.</td>
<td>Move batteries to vented storage room.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0119</td>
<td>125B</td>
<td>Old stockroom currently being renovated to Field storage.</td>
<td>Storage room needs clean up and appropriate shelving.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0120</td>
<td>110A</td>
<td>Low ceiling.</td>
<td>Raise ceiling height.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$11,894.74</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
<td>Deficiency/Problem</td>
<td>Correction/Solution</td>
<td>Priority</td>
<td>Deficiency Category</td>
<td>Costs</td>
</tr>
<tr>
<td>-----------</td>
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<td>--------------------------------------------------------------------------------------</td>
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<td>-----------</td>
</tr>
<tr>
<td>EL-L-0121</td>
<td>110A</td>
<td>Casework poorly installed.</td>
<td>Install casework properly.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$28,856.83</td>
</tr>
<tr>
<td>EL-L-0122</td>
<td>110A</td>
<td>No emergency shower/eyewash unit.</td>
<td>Verify chemical use doesn't require safety shower/eyewash.</td>
<td>1 yr (Critical)</td>
<td>Code, Life Safety</td>
<td>$5,348.92</td>
</tr>
<tr>
<td>EL-L-0123</td>
<td>110A</td>
<td>Lab accessed off of ante room.</td>
<td>Access lab from corridor; Install 3'-6&quot; door in framed wall.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$2,925.76</td>
</tr>
<tr>
<td>EL-L-0124</td>
<td>110A</td>
<td>Lab has mezzanine.</td>
<td>Move lab. Space is more appropriate for work shop or storage.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0125</td>
<td>101</td>
<td>Inefficient room layout.</td>
<td>Remodel lab.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0126</td>
<td>101</td>
<td>Casework falling apart.</td>
<td>Replace casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$28,856.83</td>
</tr>
<tr>
<td>EL-L-0127</td>
<td>101</td>
<td>Need storage space.</td>
<td>Provide shelving.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0128</td>
<td>701F</td>
<td>Shelving needs seismic restraints.</td>
<td>Provide seismic lips on shelves.</td>
<td>1 yr (Critical)</td>
<td>Code, Deferred Maintenance</td>
<td>$2,157.87</td>
</tr>
<tr>
<td>EL-L-0129</td>
<td>714</td>
<td>Shelving needs seismic restraints.</td>
<td>Provide bracing and seismic restraint. (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code, Deferred Maintenance</td>
<td>$863.15</td>
</tr>
<tr>
<td>EL-L-0130</td>
<td>712</td>
<td>Part office part electronics lab.</td>
<td>Space should be dedicated to one function.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0131</td>
<td>712</td>
<td>Inefficient layout.</td>
<td>Remodel room.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0135</td>
<td>804</td>
<td>Boxes scattered on floor.</td>
<td>Provide better storage.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0136</td>
<td>804</td>
<td>Low ceiling.</td>
<td>Raise ceiling height.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$12,389.57</td>
</tr>
<tr>
<td>EL-L-0137</td>
<td>804</td>
<td>Makeshift casework.</td>
<td>Replace casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$14,428.41</td>
</tr>
<tr>
<td>EL-L-0138</td>
<td>804</td>
<td>Light fixtures in dangerous locations.</td>
<td>Provide ADA access to mezzanine.</td>
<td>0 yrs (Urgent)</td>
<td>Code, Deferred Maintenance</td>
<td>$906.02</td>
</tr>
<tr>
<td>EL-L-0139</td>
<td>804</td>
<td>Sprinklers at head height.</td>
<td>Remove or relocate dangerous items.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$308.88</td>
</tr>
<tr>
<td>EL-L-0140</td>
<td>804</td>
<td>Stair to mezzanine not ADA.</td>
<td>Remove or relocate dangerous items.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$19,938.49</td>
</tr>
<tr>
<td>EL-L-0141</td>
<td>221</td>
<td>Cooling may be inappropriate.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0142</td>
<td>219C</td>
<td>Cooling may be inappropriate.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0143</td>
<td>225</td>
<td>ADA access to top of raised floor.</td>
<td>Verify ramp is ADA accessible.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$2,302.30</td>
</tr>
<tr>
<td>EL-L-0144</td>
<td>225</td>
<td>Better building cooling: now relying on local cooling units.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0015 for pricing.)</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0145</td>
<td>226</td>
<td>Cooling may be inappropriate.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0146</td>
<td>226</td>
<td>Consider deeper raised floors.</td>
<td>Provide deeper raised floor system; Replace.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$40,899.43</td>
</tr>
<tr>
<td>EL-L-0147</td>
<td>125</td>
<td>Old casework.</td>
<td>Replace casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$50,499.45</td>
</tr>
<tr>
<td>EL-L-0148</td>
<td>125</td>
<td>Compressed air doesn't keep constant pressure.</td>
<td>Investigate cause, replace faulty compressor part.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0149</td>
<td>125</td>
<td>AC unit in ASF leaks occasionally spilling on equipment.</td>
<td>Investigate solutions to AC unit leaks on Elvey Annex level 2.</td>
<td>1 yr (Critical)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0150</td>
<td>125</td>
<td>Makeshift casework.</td>
<td>Replace casework.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0151</td>
<td>125</td>
<td>Need better cooling.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0152</td>
<td>125</td>
<td>Food in lab.</td>
<td>Move food out of lab.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0153</td>
<td>125</td>
<td>Freezer blocks bench.</td>
<td>Relocate freezer more efficiently.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0154</td>
<td>125</td>
<td>Shelves supported by chains.</td>
<td>Install more appropriate shelves.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$19,076.20</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
<td>Deficiency/Problem</td>
<td>Correction/Solution</td>
<td>Priority</td>
<td>Deficiency Category</td>
<td>Costs</td>
</tr>
<tr>
<td>----------</td>
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<td>-----------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
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<td>---------</td>
</tr>
<tr>
<td>EL-L-0155</td>
<td>125</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing (2 units). (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code, Deferred Maintenance</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0156</td>
<td>125</td>
<td>Inefficient room layout.</td>
<td>Remodel room.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0157</td>
<td>125</td>
<td>Old fume hood with on/off switch.</td>
<td>Replace fume hood.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code</td>
<td>$20,752.16</td>
</tr>
<tr>
<td>EL-L-0158</td>
<td>125</td>
<td>No local exhaust for soldering.</td>
<td>Install 6&quot; diameter, moveable local exhaust snorkel.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code, Deferred Maintenance</td>
<td>$1,664.52</td>
</tr>
<tr>
<td>EL-L-0159</td>
<td>105</td>
<td>Unsafe location for isotope storage.</td>
<td>Move isotope storage to safer location.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0160</td>
<td>102</td>
<td>Worn flooring.</td>
<td>Refinish floors.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$28,078.05</td>
</tr>
<tr>
<td>EL-L-0161</td>
<td>102</td>
<td>Poor ventilation.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0162</td>
<td>125</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing (2 units). (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$215.79</td>
</tr>
<tr>
<td>EL-L-0163</td>
<td>102</td>
<td>Electrical not properly located.</td>
<td>Provide more outlets close to equipment. (Duplicate of EL-E-0021.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$6,363.50</td>
</tr>
<tr>
<td>EL-L-0164</td>
<td>102</td>
<td>Mezzanine not ADA accessible.</td>
<td>Verify space needs ADA accessibility.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0165</td>
<td>102</td>
<td>Improperly mounted lighting.</td>
<td>Mount to walls or ceiling. (See duplicate entry EL-L-168 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0166</td>
<td>102</td>
<td>Piped services located at head height.</td>
<td>Relocate items.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$5,538.39</td>
</tr>
<tr>
<td>EL-L-0167</td>
<td>102</td>
<td>Need properly located eyewash and safety showers.</td>
<td>Provide approved emergency shower and eyewash in proper locations.</td>
<td>1 yr (Critical)</td>
<td>Code, Life Safety</td>
<td>$5,348.92</td>
</tr>
<tr>
<td>EL-L-0168</td>
<td>102</td>
<td>Light fixtures not protected.</td>
<td>Update light fixtures.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$15,444.00</td>
</tr>
<tr>
<td>EL-L-0169</td>
<td>102D</td>
<td>Worn flooring.</td>
<td>Refinish floors.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$2,831.40</td>
</tr>
<tr>
<td>EL-L-0170</td>
<td>102D</td>
<td>Poor ventilation.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0171</td>
<td>102D</td>
<td>Casework in poor condition.</td>
<td>Replace casework. (See duplicate entry EL-L-0193 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0172</td>
<td>102D</td>
<td>Poor layout.</td>
<td>Re-layout space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0173</td>
<td>102D</td>
<td>Cabinets and shelving not seismically braced.</td>
<td>Install bracing. (Duplicate of EL-S-0002.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$1,716.30</td>
</tr>
<tr>
<td>EL-L-0174</td>
<td>102E</td>
<td>Remnant explosion proof switching and lighting.</td>
<td>Remove and replace explosion proof switching and lighting.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0175</td>
<td>102E</td>
<td>Old sink.</td>
<td>Replace sink.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$4,307.16</td>
</tr>
<tr>
<td>EL-L-0176</td>
<td>102E</td>
<td>Worn flooring.</td>
<td>Refinish floors.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$1,887.60</td>
</tr>
<tr>
<td>EL-L-0177</td>
<td>107</td>
<td>Exhaust ducts in floor.</td>
<td>Verify exhaust ducts still work; if not provide car exhaust ducts.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$2,898.61</td>
</tr>
<tr>
<td>EL-L-0178</td>
<td>107</td>
<td>Stored items taking up working space.</td>
<td>Move items to storage.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0179</td>
<td>107</td>
<td>Poor ventilation.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0180</td>
<td>108</td>
<td>Noisy dust collection system.</td>
<td>Move or enclose.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$2,605.46</td>
</tr>
<tr>
<td>EL-L-0181</td>
<td>108</td>
<td>Poor ventilation.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0182</td>
<td>108</td>
<td>Air from room exhausted to garage.</td>
<td>Provide hard exhaust. (See duplicate entry EL-M-0008 for pricing.)</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0183</td>
<td>108</td>
<td>Light fixtures not protected.</td>
<td>Update light fixtures.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$6,975.54</td>
</tr>
<tr>
<td>EL-L-0184</td>
<td>108</td>
<td>No eyewash and safety showers.</td>
<td>Install properly located eyewash and safety showers.</td>
<td>1 yr (Critical)</td>
<td>Code, Life Safety</td>
<td>$5,348.92</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
<td>Deficiency/Problem</td>
<td>Correction/Solution</td>
<td>Priority</td>
<td>Deficiency Category</td>
<td>Costs</td>
</tr>
<tr>
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</tr>
<tr>
<td>EL-L-0185</td>
<td>1088</td>
<td>Unsafe storage conditions for flammable storage cabinets.</td>
<td>Move cabinets to safer location.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0186</td>
<td>1088</td>
<td>Improper flooring.</td>
<td>Remove flooring and replace with appropriate flooring.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$603.46</td>
</tr>
<tr>
<td>EL-L-0187</td>
<td>1088</td>
<td>Poor ventilation.</td>
<td>Upgrade building HVAC. (See duplicate entry EL-M-0001 for pricing.)</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0188</td>
<td>1088</td>
<td>No eyewash and safety showers.</td>
<td>Install properly located eyewash and safety showers.</td>
<td>1 yr (Critical)</td>
<td>Code, Life Safety</td>
<td>$5,348.92</td>
</tr>
<tr>
<td>EL-L-0189</td>
<td>1088</td>
<td>Access to room not ADA accessible.</td>
<td>Re-locate layout.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0190</td>
<td>110</td>
<td>Vent for grit blaster needed.</td>
<td>May require cyclone collector; Install new vent.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$308.88</td>
</tr>
<tr>
<td>EL-L-0191</td>
<td>110</td>
<td>Old welding exhaust.</td>
<td>Verify welding exhaust is operating properly. (See duplicate entry EL-M-0007 for pricing.)</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$0.00</td>
</tr>
<tr>
<td>EL-L-0192</td>
<td>110</td>
<td>Light fixtures not protected.</td>
<td>Update light fixtures.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$6,200.48</td>
</tr>
<tr>
<td>EL-L-0193</td>
<td>110</td>
<td>Aging and deficient lab casework.</td>
<td>Upgrade casework throughout the building in addition to the specific rooms listed on other line items.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$3,268,980.00</td>
</tr>
<tr>
<td>EL-M-0001</td>
<td>800U1</td>
<td>The building operates on forced air with dual duct CV boxes. Consequently the system both cools and heats simultaneously and then mixes the air streams at each box. In addition, the cooling coil is located before the fan and the heating coil is located after the fan in the hot deck. This means that all the hot air in the hot deck has first been pre-cooled by the chiller if there is a need of cooling in the building. The fan also runs at constant volume so there is no way to generate energy savings only on the hot air is needed.</td>
<td>Eliminate all ductwork from the 3rd through 7th floors and rebuild with a single duct VAV system. Provide new 50,000 CFM units and 60 VAV boxes. (12 per floor). Also provide two new Airhandling Units for floors 1 and 2: 2,500 CFM for auditorium; 10,000 CFM for rest.</td>
<td>2-5 yrs (Necessary)</td>
<td>Energy</td>
<td>$1,156,559.69</td>
</tr>
<tr>
<td>EL-M-0002</td>
<td></td>
<td>All of the dual duct CV boxes have pneumatic controls. Thus it is likely most are out of calibration and many don't work at all.</td>
<td>Replace all dual-duct CV boxes with single duct VAV boxes. 12 per floor for floors 1 through 7.</td>
<td>2-5 yrs (Necessary)</td>
<td>Energy, Functionality</td>
<td>$377,252.59</td>
</tr>
<tr>
<td>EL-M-0003</td>
<td></td>
<td>VU-1, VU-2, and VU-3 are pneumatically controlled. This leads to excess energy consumption and increased maintenance effort to keep the system operational and calibrated.</td>
<td>Replace pneumatic controls with DDC.</td>
<td>2-5 yrs (Necessary)</td>
<td>Energy, Deferred Maintenance</td>
<td>$8,680.10</td>
</tr>
<tr>
<td>EL-M-0004</td>
<td></td>
<td>Domestic piping is all galvanized. As this piping is over 40 years old, it likely has corrosion issues and needs to be replaced with a non-corroding alternative.</td>
<td>Replace all galvanized domestic piping with non-corroding alternative.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$411,449.61</td>
</tr>
<tr>
<td>EL-M-0005</td>
<td>100C2</td>
<td>There is no &quot;low air&quot; alarm on the dry valve. This means that if there is an air leak and the air supply doesn't keep up, the system will flood before there is any indication of a problem. This could lead to freezing in the winter.</td>
<td>Add low air pressure switch.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$2,044.90</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
<td>Deficiency/Problem</td>
<td>Correction/Solution</td>
<td>Priority</td>
<td>Deficiency Category</td>
<td>Costs</td>
</tr>
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</tr>
<tr>
<td>EL-M-0006</td>
<td>110A</td>
<td>The outside isolation dampers and face &amp; bypass dampers are old and bent. The seals to not appear to be intact. They are pneumatically controlled. Consequently uncontrolled outside air leaks in when the units are off and the temperature of the outside air to the units is loosely controlled.</td>
<td>Replace dampers with new models having new blade and jamb seals. Replace pneumatic controls with electronic.</td>
<td>2-5 yrs (Necessary)</td>
<td>Energy, Deferred Maintenance</td>
<td>$7,328.75</td>
</tr>
<tr>
<td>EL-M-0007</td>
<td>110</td>
<td>The welding shop does not have any dedicated ventilation other than the point of use exhaust. IMC 401.2 requires ventilation for occupied spaces.</td>
<td>Provide supply and general exhaust to the space.</td>
<td>0 yrs (Urgent)</td>
<td>Code</td>
<td>$331,188.00</td>
</tr>
<tr>
<td>EL-M-0008</td>
<td>108</td>
<td>The wood shop does not have any general ventilation as required by IMC 401.2. The dust collector is located interior to the facility in violation of NFPA 664.</td>
<td>Provide supply and general exhaust to the wood shop. Relocate dust collector to exterior.</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$331,188.00</td>
</tr>
<tr>
<td>EL-M-0009</td>
<td>100U1</td>
<td>A large section of pipe insulation is missing near the pumps in 100U1.</td>
<td>Replace pipe insulation.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$2,734.16</td>
</tr>
<tr>
<td>EL-M-0010</td>
<td>100U2</td>
<td>The sprinkler head in the elevator machine room is obstructed by a light fixture.</td>
<td>Relocate the light fixture.</td>
<td>0 yrs (Urgent)</td>
<td>Life Safety</td>
<td>$554.84</td>
</tr>
<tr>
<td>EL-M-0011</td>
<td>100U5</td>
<td>The fire pump is not located in a rated room as required by NFPA 20.</td>
<td>Replace doors with fire rated doors and seal all holes into the room in accordance with IBC requirements for 1-hour rated room.</td>
<td>1 yr (Critical)</td>
<td>Code</td>
<td>$5,484.05</td>
</tr>
<tr>
<td>EL-M-0012</td>
<td>101</td>
<td>There is supply air to the space, but there is no corresponding return air as required by IMC 403.1</td>
<td>Extend return duct to this space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code</td>
<td>$7,517.51</td>
</tr>
<tr>
<td>EL-M-0013</td>
<td>208</td>
<td>Dust and debris in the supply air is causing contamination problems in printing process in the space. Adding the filter to the diffuser causes cooling air to blow straight down rather than across the ceiling. This causes uncomfortably cold drafts for the occupants.</td>
<td>Clean all supply ductwork.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$211.64</td>
</tr>
<tr>
<td>EL-M-0014</td>
<td>200C7</td>
<td>There is no ventilation in this corridor. The solar loading makes it overhear even when outside temperatures are below freezing.</td>
<td>Add tempered supply and return air to this space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$13,464.88</td>
</tr>
<tr>
<td>EL-M-0015</td>
<td>22S</td>
<td>The cooling systems supplying the server room used to be redundant. Now they both must operate together to keep the space cool and there is no redundancy.</td>
<td>Replace fluid coolers with larger models and replace interior cooling units with larger models.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality, Deferred Maintenance</td>
<td>$382,346.25</td>
</tr>
<tr>
<td>EL-M-0016</td>
<td>310G</td>
<td>No supply air ventilation is provided to this space, nor is there makeup air for the hoods.</td>
<td>Provide supply air to this lab space.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code, Unmet Need</td>
<td>$17,637.62</td>
</tr>
<tr>
<td>EL-M-0017</td>
<td>413</td>
<td>Spot cooling installed on most floors due to inadequate cooling from central system. System likely does not supply enough air and it may be supply air cannot be made cool enough.</td>
<td>Provide adequate spot cooling.</td>
<td>2-5 yrs (Necessary)</td>
<td>Functionality</td>
<td>$2,870.35</td>
</tr>
<tr>
<td>EL-M-0018</td>
<td></td>
<td>Most spaces in Elvey do not have return grilles which is not in accordance with IMC 403.1. This leads to the corridor being used as a plenum in violation of IMC 601.2. This is likely because of the asbestos in the fireproofing in the ceiling return plenum.</td>
<td>Add return grilles to each main office area with protective boots on the grilles. Floors 3-6 have asbestos fireproofing on structure.</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety</td>
<td>$71,976.19</td>
</tr>
<tr>
<td>Item Code</td>
<td>Room Number</td>
<td>Deficiency/Problem</td>
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</tr>
<tr>
<td>EL-M-0019</td>
<td>900U2</td>
<td>There is a condenser located tucked in behind the outside air ducting. As there is no airflow in this small space, it likely has overheating problems in the summer.</td>
<td>Relocate condenser to return plenum.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$54,474.42</td>
</tr>
<tr>
<td>EL-M-0020</td>
<td>100U3</td>
<td>There is no tempering valve on the water heater as required by UPC 413.1. The water heater is controlled by a pneumatic controller that isn’t listed for this service.</td>
<td>Install tempering valve on water heater.</td>
<td>1 yr (Critical)</td>
<td>Deferred Maintenance</td>
<td>$1,089.66</td>
</tr>
<tr>
<td>EL-M-0021</td>
<td>All</td>
<td>Aged sprinkler system.</td>
<td>Replace sprinkler system.</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety, Deferred Maintenance</td>
<td>$2,220,790.00</td>
</tr>
<tr>
<td>EL-M-0022</td>
<td>All</td>
<td>Aging water distribution system.</td>
<td>Replace water lines and equipment.</td>
<td>2-5 yrs (Necessary)</td>
<td>Deferred Maintenance</td>
<td>$3,700,840.00</td>
</tr>
<tr>
<td>EL-M-0023</td>
<td>All</td>
<td>Existing dual duct VAV system insufficient to provide adequate temperature control; Replace with single duct system.</td>
<td>Replace ventilation system.</td>
<td>2-5 yrs (Necessary)</td>
<td>Energy, Deferred Maintenance</td>
<td>$1,798,225.00</td>
</tr>
<tr>
<td>EL-M-0024</td>
<td>All</td>
<td>Central air handler lacks a volume control; Existing air handlers in the basement are old and worn.</td>
<td>Provide new air handlers.</td>
<td>2-5 yrs (Necessary)</td>
<td>Energy, Deferred Maintenance</td>
<td>$1,480,050.00</td>
</tr>
<tr>
<td>EL-M-0025</td>
<td>All</td>
<td>Building lacks heat recovery system.</td>
<td>Install heat recovery system.</td>
<td>2-5 yrs (Necessary)</td>
<td>Energy, Deferred Maintenance</td>
<td>$1,798,225.00</td>
</tr>
<tr>
<td>EL-M-0026</td>
<td>All</td>
<td>Aging and inefficient hydronic heating.</td>
<td>Demolish and replace hydronic heat system.</td>
<td>2-5 yrs (Necessary)</td>
<td>Energy, Deferred Maintenance</td>
<td>$3,700,840.00</td>
</tr>
<tr>
<td>EL-S-0001</td>
<td>All</td>
<td>Concrete core and connections likely to be overstressed in a seismic event.</td>
<td>Upgrade structure.</td>
<td>2-5 yrs (Necessary)</td>
<td>Life Safety, Deferred Maintenance</td>
<td>$2,220,790.00</td>
</tr>
<tr>
<td>EL-S-0002</td>
<td>All</td>
<td>Unbraced equipment, suspended ceilings, storage units, etc. throughout the building.</td>
<td>Brace nonstructural elements.</td>
<td>2-5 yrs (Necessary)</td>
<td>Code, Life Safety</td>
<td>$740,025.00</td>
</tr>
</tbody>
</table>
SCHEMATIC DESIGN APPROVAL REQUEST

TO: Pat Gamble
    President

THROUGH: Klt Duke
        AVP Facilities and Land Management

THROUGH: Brian Rogers
        Chancellor

THROUGH: Pat Pitney
        Vice Chancellor

THROUGH: Scott Bell, P.E.
        Associate Vice-Chancellor

THROUGH: Gary Johnston
        Director

FROM: Cameron Wohlford, PE
      Sr. Project Manager

DATE: August 21, 2013

SUBJECT: Project Type: Deferred Maintenance
         Project Name: West Ridge Animal Resources Facility Relocation
         Project No.: 2013174 WRARF

cc: WRARF (101)

Total Project Cost: $8,300,000
Approval Level: Full Board
MEMORANDUM

DATE:         August 22, 2013

TO:           To Whom It May Concern

FROM:         Brian Rogers, Chancellor

RE:           Signature Authority for August 23-31, 2013

I will be out of the office August 23-31, 2013. While I am away, I delegate to Provost Susan Henrichs the authority to approve and sign documents related to university business on my behalf.

BDR

cc:           Susan Henrichs, Provost and Executive Vice Chancellor for Academic Affairs
Academic/Research Project Program Resource Planning Status Report
UAF West Ridge Animal Quarters Facilities Relocation Project
Schematic Design Approval

This project involves the build-out of existing shell space in the Virology and Biological Research and Diagnostic Facility to accommodate the animal quarters currently housed in Irving 1. Irving 1 has exceeded its intended life and the backlog of deferred maintenance and code issues exceed the cost of building out the shell space Building in support of the West Ridge Research and Academic mission as outline in the Mission Area Analysis for UAF Research and the West Ridge Deferred Maintenance Master Plan (WRDMMP).

Milestone #0
Mission Area Analysis: (MAA for UAF Research) Date: 03/13
Statement of Need: (MAA for UAF Research) Date: 03/13

Milestone #1
SAC Review: Date: N/A

Milestone #2
Preliminary Administrative Approval: Date: 10/08/12

Milestone #3
Statement of Requirements: (included in WRDMMP) Date: 06/06/13
Academic and Student Affairs Committee Approval: Date: Presented 06/06/13
Approval Pending: 09/26/13

Milestone#4
Business and Financing Plan: (Included in SDA) Date: 09/26/13
Operating Budget Request (not requested, facility replaces existing) Date: N/A
Capital Budget Request: Date: FY13 & FY14
Legislative Funding: FY13 & FY14DM&R Funds
Board Approval of FY13 Capital Budget Distribution: Date: 06/07/12
Board Approval of FY14 Capital Budget Distribution: Date: 06/06/13

Milestone #5
Formal Project Approval: (included in the Final West Ridge DM Master Plan) Date: 12/06/12
Schematic Design Approval: Date: 09/26/13

Milestone #6
Construction Started: Date: ______
Construction Completed: Date: ______
Beneficial Occupancy: Date: ______
Final Project Report: Date: ______
SCHEMATIC DESIGN APPROVAL

Name of Project: West Ridge Animal Resource Facility Relocation
Project Type: Deferred Maintenance
Location of Project: UAF, Fairbanks Campus, Various Buildings, Fairbanks
Project Number: 2013174 WRARF
Date of Request: August 13, 2013

<table>
<thead>
<tr>
<th>Total Project Cost:</th>
<th>$ 8,300,000</th>
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<tbody>
<tr>
<td>Approval Required:</td>
<td>Full Board</td>
</tr>
<tr>
<td>Prior Approvals:</td>
<td></td>
</tr>
<tr>
<td>Preliminary Administrative Approval (WRDM)</td>
<td>June 2012</td>
</tr>
<tr>
<td>Formal Project Approval (WRDM2)</td>
<td>December 6, 2012</td>
</tr>
<tr>
<td>Review by Academic and Student Affairs Committee</td>
<td>April 2013</td>
</tr>
</tbody>
</table>

A Schematic Design Approval (SDA) is required for all Capital Projects with a Total Project Cost in excess of $250,000.

SDA represents approval of the location of the facility, its relationship to other facilities, the functional relationship of interior areas, the basic design including construction materials, mechanical, electrical, technology infrastructure and telecommunications systems, and any other changes to the project since formal project approval. Unless otherwise designated by the approval authority or a material change in the project is subsequently identified, SDA also represents approval of the proposed cost of the next phases of the project and authorization to complete the design development process, to bid and award a contract within the approved budget, and to proceed to completion of project construction. Provided however, if a material change in the project is subsequently identified, such change will be subject to the approval process.

Action Requested
The Facilities and Land Management Committee recommends that the Board of Regents approve the Schematic Design Approval request for the University of Alaska Fairbanks West Ridge Animal Resource Facility Relocation as presented in compliance with the campus master plan, and authorizes the university administration to complete construction bid documents to bid and award a contract within the approved budget, and to proceed to completion of project construction not to exceed a Total Project Cost of $8,300,000. This motion is effective September 26, 2013.

Project Abstract
The West Ridge Animal Facility Relocation project will complete shelled space in the UAF Biological Research and Diagnostics Facility (BiRD) and the UAF portion of the State Virology Lab. The completed space will be constructed to house the animal care facility currently in Irving 1. The current animal housing in Irving 1 has surpassed its useful life by many years, has a large maintenance backlog, and struggles to maintain compliance with codes and regulations related to employee safety and animal
In lieu of providing temporary space for the animals and renovating Irving 1, the funds will be invested in creating permanent space in BiRD and Virology.

RATIONALE AND REASONING

Background
The facilities on the West Ridge present a mixture of construction methods, structural frames, and life expectancies. The average age of the buildings, excluding those built in the last 10 years, is approximately 38 years of age. Only 10 percent of the total square footage on the West Ridge has been renewed through a deferred renewal program in the last 10 years, while the current total backlog of deferred renewal remains well over $300 million.

The university faces a major task to update these facilities to modern codes, renew worn and obsolete equipment, and provide better space functionality to embody current research and teaching trends. One of the first phases of the renewal project will involve the Irving 1 Animal Resource Facility. Current deferred maintenance issues, along with a very high operating cost, has caused the university to look at a more cost effective plan for all West Ridge buildings and to avoid renovation of buildings while the renovated space is occupied. Under the West Ridge Deferred Maintenance Master Plan, the university will utilized the deferred renewal funds to relocate the existing animals into shelled space in the BiRD and Virology buildings.

Programmatic Need
Modern, safe, and compliant animal care facilities are a key component to UAF’s success in research and teaching in the biological and wildlife sciences. Multiple departments utilize the existing, aged facility in Irving 1 for teaching and research purposes. Several multi-year, multi-million dollar research grants have been and continue to be executed in the facility including bear and ground squirrel hibernation studies related to climate change, changing forage habits, and bio-medical studies such as survivability of a stroke. Overseen by the UAF Veterinarian and Institutional Animal Case and Use Committee (IACUC), users must follow strict protocol in the care and keeping of animals and that starts with adequate, safe facilities.

The current Irving 1 Animal Quarters has exceeded its useful life, having a facility condition index well over 1.0, thus causing the university to look at relocating animal care to the Biological Research and Diagnostics (BiRD) Facility where animal husbandry is currently housed. In addition to the high renewal cost, Facilities Services is utilizing one full time equivalent maintenance worker to maintain the equipment. The total programmatic need for indoor, conditioned space is approximately 7,000 gross square feet. The need includes space for employee safety, animal care, hibernation chambers, feed storage, cage washing, and necropsy. The UAF Veterinarian has also requested consolidation of the indoor animal housing facilities to a single facility, reducing the demands and cost of managing multiple spaces for similar purposes. The program need will be accommodated by construction in the existing shell space in BiRD and Virology, reducing the overall renovation and operating cost through consolidation and use of space that is currently not utilized. Completing the shelled space, which is connected to the recently completed Murie Building, allows the animal resource facility and research staff to easily utilize the imaging suite constructed in Murie. External to the new space, an existing large animal pen on West Ridge will be modified to house UAF’s large mammals such as bears and coyote.

Project Scope
To address the programmatic needs of the relocation, previously shelled space in the BiRD and Virology building will be in-filled and an existing outdoor caribou pen will be renovated to accommodate other types of mammals.
In BiRD, the shell space was designed during the building’s original design phase. The shelled space will feature animal holding and procedure spaces and two hibernation chambers. The rooms will match previous construction but with new, updated materials and technology. Floors and walls will be treated with durable and washable finishes. The ventilation system will provide code-required air exchanges and humidification with precise controls to meet animal facility regulations. An existing lighting control system will provide for diurnal control to help control circadian rhythms. A total of two multi-room holding suites will be completed along with two 200 square foot environmental chambers. Finally, specialized animal facility hygiene spaces will be expanded to handle the additional load of cages and pens that require regular cleaning.

In the Virology shell space, specialized hibernation chambers will be built to mimic the current ones in Irving 1, but with much higher energy efficiency, redundancy, and controllability. The chambers will vary in size also, providing the Animal Resource Center and research-end-users better space utilization when only a few hibernating animals or other types of cold storage are needed. The units will have specialized compressors and evaporators with capability of uninterruptable climate control between 10 degrees Celsius to minus 40 degrees Celsius. To do this, liquid cooled condensers, fed from the new district chilling plant in Murie, will be paired up and run in a lead/lag setup, allowing one condenser to defrost while the second unit carries the cooling load. Also in the shell space will be four to six wild animal holding pens that will feature similar finishes to the holding spaces in BiRD but be set up for animals transferred from wild settings to the animal care group. Finally, employee safety facilities such as showers and locker rooms are being provided to ensure cleanliness and keep the building pathogen free. Of the available shell space in Virology, approximately 800 square feet will continue to remain shelled for a future teaching lab for the animal care group, Biology and Wildlife, or the future Pre-veterinarian program.

In the existing Irving 1 animal care space, a 2,000 square foot large animal outdoor pen serves as holding space for bigger mammals such as black bear and coyote. As a more long-term solution and one that matches current trends in these types of facilities, a multi-acre caribou pen north of the Akasofu Building will be divided into smaller pens with stables, corrals, and food storage. Currently, a new prefabricated building is being planned to provide the covered barn space. However, UAF is looking into the option of simply relocating the existing metal structure as a cost savings measure. Power will be extended and a water tank for drinking water will also be installed. This portion of the animal care space in Irving 1 will be demolished as part of this project.

Project Impacts
Once completed, the new facility within the shelled spaces of BiRD and Virology will consolidate animal care under one roof, which provides for better welfare and care of the animals as well as the reduction of operating costs for the University. The consolidated space will also connect internally to the Murie Building imaging suite. The former animal care space in Irving 1 will be evaluated for cost effective temporary use (both from the program and facility operating cost standpoint) until funds are allocated from future deferred maintenance funding to demolish it within the West Ridge Deferred Renewal Plan timeline.

Construction will be highly complex and constrained within the fully operational facilities. Security and safety training for all contractor personnel will be handled through the UAF Veterinarian’s office. An existing hatch on the east side of the buildings, away from the occupied area, was purposely left to allow for the completion of the basement space. Tight air barriers will be established between existing and new space and shafts built during the previous construction will be used for negative air pressure control for most of the duration, until they are filled with new ducts.
Variances
This project is included in the overall West Ridge Deferred Maintenance Plan and is the first phase of the implementation of the plan. At the time of FPA for this project when it was still expected to be a renovation of Irving I, the estimated cost to renovate the animal facility was $9 million to $10 million with only $2 million available from the FY13 Deferred Maintenance Allocation. UAF further analyzed the cost to revitalize the existing animal resources facility in Irving 1 versus constructing the facilities in the shell space in BiRD and Virology and realized a potential construction cost savings of nearly $1 million by building out the shell space. Utilizing some savings within the FY13 DM allocation, the addition of FY14 funding and with construction scope reduction achieved in the final programming effort, the construction budget was further refined and the TPC revised.

Total Project Cost and Funding Sources

<table>
<thead>
<tr>
<th>Funding Title</th>
<th>Fund Account</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY13 DM Funding</td>
<td>571345-50216</td>
<td>$3,300,000</td>
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<tr>
<td>FY14 DM Funding</td>
<td>571371-50216</td>
<td>$5,000,000</td>
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<tr>
<td><strong>Total Project Cost</strong></td>
<td><strong>571345-50216</strong></td>
<td><strong>$8,300,000</strong></td>
</tr>
</tbody>
</table>

Annual Program and Facility Cost Projections

**Program Costs:**
The program cost will remain the same as the project is simply relocating the existing animal housing facilities.

**Facilities Costs:**
Maintenance & Repair $0
Operations $0
Annual O&M Cost 0

Annual Renewal and Replacement $24,412

**Total Annual Cost Projections** $24,412*

*Annual cost projections are based on formula only. The actual cost of operating the new facility will be less than operating the same program in the older Irving 1 building, so the cost will simply shift.

Project Schedule

**DESIGN**
Conceptual Design Complete
Formal Project Approval December 2012
Schematic Design August 2013
Schematic Design Approval September 2013
Construction Documents March 2014

**CONTRACTOR SELECTION**
Advertise and Select October 2013
Preconstruction Contract Award November 2013
Construction Contract Award March 2014

**CONSTRUCTION**
Start of Construction March 2014
Construction Complete February 2015
Date of Beneficial Occupancy March 2015
Warranty Period One Year
Project Delivery Method
UAF has elected to procure construction services through a Construction Manager at Risk. Both the BiRD and Virology Buildings are fully occupied, functioning, and performing critical research support. Coordination and security into the buildings must be tightly monitored and controlled and the best way of ensuring this is through selection of a construction manager. UAF is also very concerned over the source quality control for the hibernation chambers, which house millions in research experiments. Utilizing a construction manager, a qualified vendor can be selected based on technical and price criteria and held to the very high standard needed for the research team.

Supporting Documents
- One-page Project Budget
- Project Agreement
- Facility Program
- Design Narrative Document
- Drawings
  - Site Plan
  - Floor Plans (3 pages)

Affirmation
This project complies with Regents’ Policy, the campus master plan and the Project Agreement.

Approvals
The level of approval required for SDA shall be based upon the estimated TPC as follows:

- TPC > $4.0 million will require approval by the board based on the recommendations of the Facilities and Land Management Committee (FLMC).
- TPC > $2.0 million but not more than $4.0 million will require approval by the FLMC.
- TPC > $1.0 million but not more than $2.0 million will require approval by the Chair of the FLMC.
- TPC ≤ $1.0 million will require approval by the AVP of Facilities and Land Management.
### UNIVERSITY OF ALASKA

**Project Name:** West Ridge Animal Resources Facility Relocation  
**MAU:** UAF

<table>
<thead>
<tr>
<th>Building: BiRD/Virology/Irving 1</th>
<th>Campus: Fairbanks</th>
<th>Date: 8/8/2013</th>
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<tbody>
<tr>
<td>Project #: 2013174 WRARF</td>
<td>Acct #s: 571371, 571345-50216</td>
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</table>

**Project Budget Affected by Project:** N/A 9000

### A. Professional Services

<table>
<thead>
<tr>
<th>Service Description</th>
<th>WRDM2</th>
<th>SDA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advance Planning, Program Development (WRDM2)</td>
<td>$1,000,000</td>
<td>$0</td>
</tr>
<tr>
<td>Consultant: Design Services</td>
<td>$675,000</td>
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<tr>
<td>Consultant: Construction Phase Services</td>
<td>$150,000</td>
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<tr>
<td>Consul: Extra Services (List: _____________________)</td>
<td>$0</td>
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<tr>
<td>Site Survey</td>
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<td>Soils Testing &amp; Engineering</td>
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<td>Special Inspections (Commissioning)</td>
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<tr>
<td>Plan Review Fees / Permits</td>
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<td>$15,000</td>
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<tr>
<td>Other</td>
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**Professional Services Subtotal**  
$1,840,000  
$765,000

### B. Construction

<table>
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<tr>
<th>Service Description</th>
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<td>General Construction Contract(s)</td>
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<td>Other Contractors (List: HVAC Balancing)</td>
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<td>Construction Contingency</td>
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**Construction Subtotal**  
$2,180,000  
$6,322,000

**Construction Cost per GSF**  
$702

### C. Building Completion Activity

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<thead>
<tr>
<th>Service Description</th>
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<tbody>
<tr>
<td>Equipment</td>
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<tr>
<td>Fixtures</td>
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<td>Furnishings</td>
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<td>Signage not in construction contract</td>
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<tr>
<td>Move-Out Costs</td>
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<td>$0</td>
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<tr>
<td>Move-In Costs</td>
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<td>$20,000</td>
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<tr>
<td>Art</td>
<td>$0</td>
<td>$0</td>
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<tr>
<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>OIT Support</td>
<td>$20,000</td>
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<tr>
<td>Maintenance Operation Support</td>
<td>$50,000</td>
<td>$75,000</td>
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**Building Completion Activity Subtotal**  
$70,000  
$400,000

### D. Owner Activities & Administrative Costs

<table>
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<tr>
<th>Service Description</th>
<th>WRDM2</th>
<th>SDA</th>
</tr>
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<tbody>
<tr>
<td>Project Plng, Staff Support</td>
<td>$184,050</td>
<td>$262,045</td>
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<tr>
<td>Project Management</td>
<td>$274,950</td>
<td>$420,798</td>
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<tr>
<td>Misc. Expenses: Advertising, Printing, Supplies, Etc.</td>
<td>$26,000</td>
<td>$130,157</td>
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</table>

**Owner Activities & Administrative Costs Subtotal**  
$485,000  
$813,000

### E. Total Project Cost

**Total Project Cost per GSF**  
$702  
N/A

**Total Project Cost**  
$4,575,000  
$8,300,000

### F. Total Appropriation(s)

**Total Appropriation(s)**  
$4,575,000  
$8,300,000

---

SDA West Ridge Animal Resources Facility Relocation

488
PROJECT AGREEMENT

Name of Project: West Ridge Animal Resource Facility Relocation
Project Type: Deferred Maintenance
Location of Project: UAF, Main Campus, Various Buildings, Fairbanks
Project Number: 2013174 WRARF
Date of Request: August 13, 2013

INTRODUCTION
A Project Agreement (PA) is required for all Capital Projects with a Total Project Cost anticipated to exceed $2.5 million. For project under $2.5 million, a project agreement should be attached to the FPA or all of the components of the PA may be incorporated into the FPA.

The PA represents a formal agreement between the affected program department(s), the MAU’s chief facilities administrator, the chief academic officer, the chief financial officer, the chancellor, and the chief facilities administrator documenting a common understanding of the programmatic need, project scope, and other matters related to the project.

BODY OF THE AGREEMENT

Basis for the Project
The West Ridge Animal Facility Relocation project will complete shelled space in the UAF Biological Research and Diagnostics Facility (BiRD) and the UAF portion of the State Virology Lab. The completed space will be constructed to house the animal research facility currently in Irving 1. The current animal housing in Irving 1 has surpassed its useful life by many years, has a large maintenance backlog, and struggles to maintain compliance with codes and regulations related to employee safety and animal care. In lieu of providing temporary space for the animals and renovating Irving 1, the funds will be invested in finishing the permanent space in BiRD and Virology.

Programmatic Need
Modern, safe, and compliant animal care facilities are a key component to UAF’s success in research and teaching in the biological and wildlife sciences. Multiple departments utilize the existing, aged facility in Irving 1 for teaching and research purposes. Several multi-year, multi-million dollar research grants have been and continue to be executed in the facility including bear and ground squirrel hibernation studies related to climate change, changing forage habits, and bio-medical studies such as survivability of stroke. Overseen by the UAF Animal Care Program, users must follow strict protocols in the care and keeping of animals and that starts with adequate, safe facilities.

The current Irving 1 Animal Quarters has exceeded its useful life, having a facility condition index well over 1.0, thus causing the University to look at relocating it to the Biological Research and Diagnostics Facility where animal husbandry is currently housed. In addition to the high renewal cost, Facilities Services is utilizing one full time equivalent maintenance worker to maintain the equipment. The total
programmatic need for indoor, conditioned space is approximately 7,000 gross square feet. The need includes space for employee safety, animal care, hibernation chambers, feed storage, cage washing, and necropsy. The UAF Veterinarian has also requested consolidation of the indoor animal housing facilities to a single facility, reducing the demands and cost of managing multiple spaces for similar purposes. Shell space was created within the existing animal facility specifically to accommodate future growth in animal research at UAF, specifically in the area of biomedical research. It was also planned and designed to accommodate the eventual loss of the aging Irving I animal research facility. The program need will be accommodated by construction in the existing shell space in BiRD and Virology, reducing the overall renovation and operating cost through consolidation of our animal facility resources and fulfilling the original intent of the shell space. Completing the shelled space, which is connected to the recently completed Murie building, allows the animal resource facility and research staff to easily utilize the imaging suite constructed in Murie and to better support research and instructional activities planned for the new building. External to the new space, an existing large animal pen on West Ridge will be modified to house UAF’s large mammals such as bears and coyote.

Strategic Importance

As excerpted from the Mission Area Analysis:

The West Ridge research facilities at the UAF Fairbanks Campus are essential to fulfilling UAF’s mission as it relates to research and education. The existing West Ridge buildings are utilized to support research and instruction in pursuit of the priorities and goals outlined in UAF’s planning documents: The University of Alaska’s (UA) Strategic Plan 2009, UAF Master Plan 2010, the UAF Strategic Vision 2017 Plan, and the UAF Academic Plan for 2007-2012.

UA’s Strategic Direction Initiatives (SDI) are an organizational change effort created and led by President Gamble. SDI engages people from many different levels, both inside and outside the University system, looking for ideas and innovations to change UA for the better. The SDI themes are:

- Student Achievement and Attainment
- Productive Partnerships with Alaska’s Schools
- Productive Partnerships with Alaska’s Public and Private Industries
- Research and Development to Help Build and Sustain Alaska’s Communities and Economic Growth
- Accountability to the People of Alaska

The UA SDI provides an overarching goal structure for the University as a whole. The UAF Strategic Plan maps out goals for achieving success in both the long and short term. One of the seven goals of the UAF Strategic Plan is to promote UAF as Alaska’s premier research enterprise in partnership with state agencies, industry, and civic organizations. The strategies to achieve this goal involve both new initiatives and increasing breadth and depth of existing research efforts across many fronts. In each case, the strategy calls for more researchers from faculty to undergraduate students working on more projects focused on the Arctic and Alaska. As UAF seeks to connect and engage its research enterprise with Federal, State, and local communities, the need for physical space evolves.

Impact Analysis
As excerpted from the Mission Area Analysis:
UAF is already well established as a world leader in studies and discovery related to the Arctic and subarctic climates, its people and wildlife, and its multiple ecological systems. The UAF Academic Plan specifically calls for additional resources to conduct biomedical and health education, research, and outreach that relates to Alaska’s unique environment and lifestyles. UAF has made significant investment in recruiting and securing high-quality faculty and staff focused on core-science programs as well as new and expanding research initiatives. In turn, the faculty and staff have attracted and maintained millions in competitive research revenue and continue to serve an increasing number of students in the life-science disciplines. The renovations and required new spaces highlighted in the WRDM Master Plan are critical in carrying out these science missions.

Working with an executive planning committee and the UAF administration, and utilizing multiple planning and programming meetings with user groups, project goals were developed that guide the West Ridge master-planning work. The Master Plan Goals include:

- Support the integration of teaching and research through building location and use, circulation and open space.
- Ensure the campus environment enhances both the academic and student life experience.
- Improve access to and circulation within the campus.
- Preserve and highlight the unique natural and cultural aspects of UAF’s northern location.
- Employ the best practices in sustainability for northern environments.
- Address the space deficit in research and research-support space noted in the 2010 Campus Master Plan.

Program Enhancements

Once completed, the new facility within the shelled spaces of BiRD and Virology will consolidate animal care under one roof, which provides for better welfare and care of the animals as well as the reduction of operating cost for the University. The consolidated space will also connect internally to the Murie building.

Needs Assessment

Pulling all of the animal care into one single facility that is modern, safe, energy efficient, and reduces backlogged maintenance needs will meet the goals in the Statement of Need, as excerpted below:

The key planning documents for the University of Alaska Fairbanks (UAF) call for UAF to become a leader in research related to the circumpolar North, to encourage interactive learning experiences for students, including undergraduate research, and to recruit and retain highly-qualified faculty. The West Ridge research facilities must be state-of-the-art to allow UAF to meet these needs. The deferred maintenance project focuses on the following guiding principles in support of this mission:

- Care of the health, safety, and welfare of researchers is of utmost importance and critical to continuation of the mission.
- Provide modern space to maintain and grow research institutes.
- Conduct strategic evaluation of the backlog of deferred maintenance to generate the priorities to rejuvenate the old, nonfunctional space.
- Target increasing the energy efficiency of older facilities and otherwise reducing operating costs by at least a third.
- Eliminate functional obsolescence and improve laboratory spaces for modern science.
- Improve building accessibility.

**Project Impact**

Construction will be highly complex and constrained within the fully operational facilities. Biosecurity and safety training for all contractor personnel will be handled through the UAF Veterinarian's office. An existing hatch on the east side of the buildings, away from the occupied area, was purposely left to allow for the completion of the basement space. Tight air barriers will be established between existing and new space and shafts built during the previous construction will be used for negative air pressure control for most of the duration, until they are filled with new ducts. The selected contractor will be required to develop a clear plan of work that includes a schedule of impacts, noise mitigation plans, and safety and biosecurity plans that are approved by the veterinarian.

**Project Site Considerations**

The project site is existing and will not be altered at this time.

**Incremental Costs**

None noted at this time.

**Proposed Funding Plan**

Funding from an FY13 and FY14 Deferred Maintenance appropriation will be utilized to construct the project. Operational cost will need to be built into the future operational budget for the department.

**Annual Program and Facility Cost Projections**

Program Costs: The program cost will remain the same as the project is simply relocating the existing animal housing facilities.

<table>
<thead>
<tr>
<th>Facilities Costs:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance &amp; Repair</td>
<td>$124,500</td>
</tr>
<tr>
<td>Operations:</td>
<td>$0</td>
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<tr>
<td>Annual O&amp;M Cost</td>
<td>124,500</td>
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</table>

<table>
<thead>
<tr>
<th>Annual Renewal and Replacement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Annual Cost Projections</td>
<td>$148,912*</td>
</tr>
</tbody>
</table>

*Annual cost projections are based on formula only. The actual cost of operating the new facility will be less than operating the same program in the older Irving 1 building, so the cost will simply shift.

**Total Project Cost and Funding Sources**

<table>
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<tr>
<th>Funding Title</th>
<th>Fund Account</th>
<th>Amount</th>
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<td>$3,300,000</td>
</tr>
<tr>
<td>FY14 DM Funding</td>
<td>571371-50216</td>
<td>$5,000,000</td>
</tr>
<tr>
<td><strong>Total Project Cost</strong></td>
<td></td>
<td><strong>$8,300,000</strong></td>
</tr>
</tbody>
</table>

**Project Schedule**

**DESIGN**

- Conceptual Design
- Formal Project Approval

Complete December 2012
Schematic Design
Schematic Design Approval
Construction Documents
CONTRACTOR SELECTION
Advertise and Select
Preconstruction Contract Award
Construction Contract Award
CONSTRUCTION
Start of Construction
Construction Complete
Date of Beneficial Occupancy
Warranty Period

Supporting Documents
One-page Budget
Drawings
Design Narrative and Program

Agreement
In witness whereof, the parties attest that they have made and executed this Agreement to be effective the date and year first above written.

John Blake, Director, Animal Resources Center

Brian Barnes, Director, Institute of Arctic Biology

Scott Bell, P.E., Associate Vice Chancellor for Facilities Services

Pat Piper, Vice Chancellor for Administrative Services

Mark Myers, Vice Chancellor for Research

Brian Rogers, Chancellor

KR Duke, Associate Vice President Facilities and Land Management

Project Agreement for West Ridge Animal Resources Facility Relocation
### BiRD Building

<table>
<thead>
<tr>
<th>Space</th>
<th>Qty</th>
<th>Size</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Hibernation Chambers</td>
<td>2</td>
<td>200</td>
<td>400.00</td>
</tr>
<tr>
<td>Installation of New Tunnel Washer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Hibernation Chambers</td>
<td>2</td>
<td>200</td>
<td>400.00</td>
</tr>
<tr>
<td>Holding Room</td>
<td>3</td>
<td>104</td>
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<tr>
<td>Holding Room</td>
<td>4</td>
<td>219</td>
<td>876.00</td>
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<tr>
<td>Holding Room</td>
<td>3</td>
<td>107</td>
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<tr>
<td>Prep Room</td>
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<tr>
<td>Ante Room</td>
<td>2</td>
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<tr>
<td><strong>Total</strong></td>
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<td>3,407.00</td>
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</tbody>
</table>

2C to 30°C **existing environmental rooms**; light lock entry accommodated by darkened procedure room w/ red light; room size: 10' x 20'

No change in SF; new tunnel washer to be located in existing Cage Wash room

-20°C to 30°C **new environmental rooms** to be located in Bird suite 13; room size 10' x 20'

Shelled suite 10 and 16 in BiRD; two of these rooms could be a Storage Room, offering more animal holding in the SVL building

### Virology Building

<table>
<thead>
<tr>
<th>Space</th>
<th>Qty</th>
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</thead>
<tbody>
<tr>
<td>New Hibernation Chamber</td>
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<td>140.00</td>
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<tr>
<td>New Hibernation Chamber</td>
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<td>140</td>
<td>140.00</td>
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<tr>
<td>Cold Lock</td>
<td>1</td>
<td>95</td>
<td>95.00</td>
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<tr>
<td>Prep Lab/Holding Room</td>
<td>1</td>
<td>225</td>
<td>225.00</td>
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<tr>
<td>Holding Room w/ Trench Drain</td>
<td>2</td>
<td>105</td>
<td>210.00</td>
</tr>
<tr>
<td>Prep Lab/Holding Room</td>
<td>1</td>
<td>105</td>
<td>105.00</td>
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<tr>
<td>Holding Room w/ Trench Drain</td>
<td>1</td>
<td>225</td>
<td>225.00</td>
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<tr>
<td>Ante Room</td>
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<tr>
<td>Ante Room</td>
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<td>Feed Storage</td>
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<td>Future Class Lab</td>
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<tr>
<td>Toilet Room, Unisex</td>
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<td>100.00</td>
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<tr>
<td>Shower, Unisex</td>
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<td>Locker Room M/F</td>
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<tr>
<td><strong>Total</strong></td>
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<td></td>
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</tbody>
</table>

-20°C to 30°C to be located in Virology building; room size “10’ x 15’”

-40°C to 30°C to be located in Virology building; room size 10’ x 15’

Cold lock for -40 hibernation chamber

Can be set up as either Prep Lab or Holding Room

Wild animal runs; set up similar to BiRD Suite 19

Can be set up as either Prep Lab or Holding Room

Wild animal run; set up similar to BiRD Suite 19

Can be used as data collection/equipment space

Warm storage; could be a Holding Room if Storage is moved to new construction in BiRD Building

Warm storage

-5°C environmental room

10 students typ; design for flexible use: similar to A&P, mobile casework

Secured entry rooms from Murie/SVL corridor

### Total BiRD and Virology

**6,840.00**

### Bear Pens

<table>
<thead>
<tr>
<th>Space</th>
<th>Qty</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Bear Pen (covered)</td>
<td>10</td>
<td>150</td>
<td>1500</td>
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<tr>
<td>Circulation</td>
<td>1</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>Monitoring Room</td>
<td>1</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Feed Prep Room</td>
<td>1</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Outdoor Pen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>2,180.00</td>
</tr>
</tbody>
</table>

Located in Deer Yard; cages are 10’ x 15’; septic or holding tank; requires water

6’ walkways; 6’ x 80’

Monitoring room adjacent to Bear Pens; conditioned room with arctic entry

Feed Prep room adjacent to Bear Pens; conditioned room with arctic entry

Fenced area, approximately 1 acre

Bear pen information from 2/4/13 email from Olivnd Toien and 8/20/13 meeting
West Ridge Animal Resources Facility Relocation

Overview

The BiRD Building was designed with approximately 2,700 square feet of shelled space as part of the basement floor. This area was planned as a combination of holding and prep/procedure space. The facility floor plans include the proposed layouts for this area. The BiRD building has sufficient mechanical and electrical systems to support the expansion. Supply and exhaust ducts are stubbed-out into the shelled space as are plumbing services. A concrete floor has been installed with waste lines pre-located which minimizes the floor plan modifications that can be done in the shelled space. There is sufficient space available for an interstitial floor above the rooms to match the rest of the facility. A connector room planned between the Virology and BiRD building is currently used as a vertical equipment chase for bringing in or removing large equipment that won’t fit in the elevator. Accommodations will need to be made to continue to provide this service but still maintain vivarium isolation.

The Virology Building was built with a shell space of approximately 4,400 square feet. This space was originally planned as an Animal Biological Security Level 3 space to complement the bio-containment spaces in the Virology building and the conventional vivarium in BiRD. The shell space is very basic, with gravel floors and space heaters. There is no plumbing, HVAC or electrical distributed in the shell space. All services will need to be added. The shell space is high enough to include an interstitial floor similar to the BiRD Building. There are two air handler pads in the Virology Building penthouse for the future renovation, but air handlers and exhaust fans will need to be included as part of the project. Columns in the Virology Building are located non-modularly with a variety of dimensions making it difficult to plan the rooms in a modular fashion.

Environmental Hibernation Chambers

Two rooms in BiRD suite 13 are planned to hold new environmental hibernation chambers with a temperature range of -20 to 30 degrees C. These rooms, currently used as holding rooms, were designed with break-out floors to allow for future renovation. The new chambers will complement two existing environmental hibernation chambers in BiRD suite 7. The suite 7 rooms will be assigned a temperature range of 2 to 30 degrees C. Consideration should made to location and sizing of the existing compressors for the existing hibernation chambers as the rooms are not currently working as planned.

Two environmental hibernation chambers will be included in the Virology Building as part of this project. One chamber will require a temperature range of -20 to 30 degrees C while the other will require a temperature range of -40 to 30 degrees C. The latter room will require a cold lock at 0 degrees C to help maintain the ultra-low temperatures in the hibernation chamber.

Environmental hibernation chambers are complicated pieces of equipment and should be carefully planned with the facility supervisor and users. Only manufacturers with experience with multiple similar facilities should be considered. Specific requests for the environmental hibernation chambers include the following:

- Stainless steel interior surfaces
- Escape proof interiors
- Front mounted displays showing temperatures, lighting indicator and alarms
Design Narrative

- Doors should be lockable with emergency escape latches from the inside
- Temperature should be controlled to approximately +/- 0.5 degrees C
- Ventilation controllable from 0 to 10 AC/hour (programmed to shut off at 0 degrees C
- Fully redundant HVAC with dual compressors
- Supply air should be baffled to prevent temperature spikes during compressor switch-over
- Defrost cycles programmed to maintain set point and avoid spikes
- Compressors should be remote and easily accessible to prevent noise from disturbing the animals (consider interstitial space or a dedicated room)
- Photoperiod timers with adjustable day length, simulated seasonal changes programmed by latitude.
- LED lighting mounted on the ceiling and vertically along the chamber walls
- Lighting controllable up to 500 lux
- Ante rooms to the environmental hibernation chambers should be fitted with red lights
- Monitors to include temperature and photoperiod trending (e.g., able to detect 1 second of light)
- Local and remote alarms with ability to automatically cut power to unit to prevent rapid cooling or heating
- Air dehumidifiers should be considered to minimize icing

Details of environmental hibernation chamber requirements should be coordinated with approved manufacturers

**Design Considerations**

Wild animals will be housed in the Virology Building vivarium. Proposed plans include trench drains to allow wet housing set-ups for animals such as water fowl. All animals including wild animals will be brought into the facility via the BiRD Building, proceeding first through a quarantine room. The BiRD renovation design was coordinated to preserve the potential of a future barrier facility. Users can enter through either the BiRD Building or through the basement of the Virology Building. Proximity cards will be required of all users entering the facility. The Virology Building entrance will also allow a pathway to the Life Sciences Building Imaging suite.

The class lab will be dedicated to animal related courses which may include Vet Med classes. Access is planned through the Virology Building basement entrance.

Bear housing, currently located in the covered area behind the Irving 1 vivarium, may be moved to the Deer Yard north of the West Ridge campus. The bear housing will require a fenced outdoor pen, covered bear pens and a feed prep room. The area will require a water tank and holding tank for bear waste. Permafrost in the Deer Yard area will likely prevent undergrounding water or sewer lines.
PROJECT CHANGE REQUEST

TO: Pat Gamble
   President

THROUGH: Kit Duke
         AVP Facilities and Land Management

THROUGH: Brian Rogers
         Chancellor

THROUGH: Pat Pitney
         Vice Chancellor

THROUGH: Scott Bell, P.E.
         Associate Vice Chancellor

THROUGH: Gary Johnston
         Director

FROM: Mike Ruckhaus, P.E.
      Sr. Project Manager

DATE: June 12, 2013

SUBJECT: Project Type: Deferred Maintenance
         Project Name: Atkinson Power Plant Renewal Phase 3
         Project No.: 2013019 BARN3

cc: BARN3 101
Non-Academic Project Program Resource Planning Status Report
UAF Atkinson Power Plant Renewal Phase 3 – Project Change Request

This project is a major Deferred Maintenance and Renewal of existing facilities and was initiated prior to acceptance of the Program Resource Planning process by the Regents.

This project change request is the result cost savings realized by the UAF Facilities Technicians and product vendor incorporating a redesign of key components of the project.

Milestone #0
Mission Area Analysis: (not required at time of project development) Date: N/A
Statement of Need: (not required at time of project development) Date: N/A

Milestone #1
SAC Review: (not required) Date: N/A

Milestone #2
Preliminary Administrative Approval: Date: 11/08

Milestone #3
Statement of Requirements: (Developed in conjunction with the FPA) Date: 06/03/11

Milestone #4
Business and Financing Plan: Date: 06/03/11
Operating Budget Request Date: N/A
Capital Budget Request: Date: FY12
Legislative Funding: FY12 DM&R Bonds
Board Approval of FY13 Capital Budget Distribution: Date: 06/07/12

Milestone #5
Formal Project Approval: Date: 06/03/11
Schematic Design Approval (Phase 3): Date: 01/09/13

Milestone #6
Construction Started: Date: 04/13
Project Change Request #1 (Current action requested) Date: 09/26/13
Construction Completed: Date: 
Beneficial Occupancy: Date: 
Final Project Report: Date: 

502
PROJECT CHANGE REQUEST

Name of Project: Atkinson Power Plant Renewal Phase 3
Project Type: Deferred Maintenance
Location of Project: UAF, Fairbanks Campus, Ben J. Atkinson Building (FS802), Fairbanks
Project Number: 3013019 BARN3
Date of Request: June 12, 2013

| Total Project Cost: | $1,100,000 | (Decrease $800,000) |
| Approval Required: | FLMC |
| Prior Approvals: | Preliminary Administrative Approval November 2008 |
| | Formal Project Approval (BARN - $40.4M) June 3, 2011 |
| | Schematic Design Approval ($1,900,000) January 9, 2013 |

A Project Change Request (PCR) is required for all Capital Projects with a Total Project Cost in excess of $250,000.

For projects that have changes in the source of funds, increases or decreases in budget, savings to the construction budget, and/or material changes in program or project scope identified subsequent to schematic design approval shall be determined by the chief facilities officer based on the extent of the change and other relevant circumstances. This determination requires judgment, but will generally be based on the nature of the funding source, the amount, and the budgetary or equivalent scope impact relative to the approved budget at the schematic design approval stage. Any changes with an estimated impact in excess of $400,000 will require approval by the Facilities and Land Management Committee (F&L.MC) or the full Board of Regents depending on the amount of the impact.

Action Requested
The Facilities and Land Management Committee approves the Project Change Request decreasing the approved funding by $800,000 for the University of Alaska Fairbanks Atkinson Renewal Phase 3 project as presented in compliance with the campus master plan, and authorizes the university administration to bid and award a contract within the approved budget, and to proceed to completion of project construction not to exceed a Total Project Cost of $1,100,000. This motion is effective September 26, 2013.

Project Change Request Abstract
The scope of this project was reduced due to a different technical approach resulting in a significant reduction in cost.
RATIONALE AND REASONING

Background
In 2006, UAF hired a consultant to perform a comprehensive study of the condition of the existing utility systems, including the Atkinson Power Plant. The study also evaluated the need for utility expansion to keep pace with projected campus growth.

The funding to implement the total scope of work contained in the 2006 Utilities Development Plan will not be available in one appropriation; thus, the work will be done in a phased approach. Formal Project Approval by the Board of Regents was granted for $40.4M in June 2011. The purpose of the aforementioned approval was to provide overall Formal Project Approval for all phases. Subsequent Schematic Design Approvals will be obtained for each phase as funding is received each fiscal year.

Previous Schematic Design Approval
“The Chair of the Facilities and Land Management Committee approves the Schematic Design Approval request for the University of Alaska Fairbanks Atkinson Power Plant Renewal Phase 3 as presented in compliance with the campus master plan, and authorizes the University administration to complete construction bid documents to bid and award a contract within the approved budget, and to proceed to completion of project construction not to exceed a Total Project Cost of $1,900,000. This motion is effective January 9, 2013.”

Project Scope
This project replaces all of the Variable Frequency Drives (VFDs) in the Atkinson Power Plant. VFDs allow motors to be operated at less than 100 percent speed, which allows control of systems as well as energy savings.

The work includes but is not limited to the replacement of Variable Frequency Drives (VFDs) currently installed on the following equipment:
- Boiler #4 FD fan
- Boiler feed pump #5
- Domestic water pump
- Air cooled condenser #'s 3 & 4
- R.O. Pump #'s 1 & 2

Variances
The scope of work presented at Schematic Design Approval included replacement of all of the VFDs in the Atkinson Power plant including the electrical conductors from the VFDs to the individual motors with a specialized cable. The engineering team worked with the manufacturers and developed an alternative to replacing conductors with the specialized cables. The alternative involves installing reactors and filters in the VFDs. This change added about $50,000 to the cost of the VFDs but saved $800,000 in replacing new conduits and cables in a very congested facility.

Another factor in the reduction of the SDA amount was the cost estimate. Although there is not a clear single item, the SDA cost estimate was higher than market costs for both the purchase of the VFDs and the bids for installation. Electrical costs have been volatile over the years and that factor led cost estimators to be conservative.

The schedule has also changed. Although most of the work will be completed in 2013, the addition of VFDs for Boilers No. 1 and 2 has necessitated an overall extension of the project schedule. The cost of shutting the boilers down for repairs and modifications is about $25,000/day due to increased fuel costs.
The boilers are shut down for annual overhaul in April, by installing the VFDs during this regular shutdown in April 2014, there is a savings from timing both events at the same time.

**Total Project Cost and Funding Sources**

<table>
<thead>
<tr>
<th>Funding Title</th>
<th>Fund/Org Account#</th>
<th>Original Amount</th>
<th>New Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY12 DM Bonds Series “Q”</td>
<td>514498-50216</td>
<td>$1,400,000</td>
<td>$1,100,000</td>
</tr>
<tr>
<td>FY14 Bond</td>
<td>TBD</td>
<td>$500,000</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total Project Cost</strong></td>
<td></td>
<td><strong>$1,900,000</strong></td>
<td><strong>$1,100,000</strong></td>
</tr>
</tbody>
</table>

**Annual Program and Facility Cost Projections**
The project should result in lower maintenance and operations costs by virtue of having more reliable equipment in place.

**Project Schedule**

**DESIGN**
- Conceptual Design
  - October 2006
- Formal Project Approval
  - June 2011
- Schematic Design
  - December 2012
- Schematic Design Approval
  - January 2013
- Construction Documents
  - January 2013

**BID & AWARD**
- Advertise and Bid
  - March 2013
- Construction Contract Award
  - April 2013

**CONSTRUCTION**
- Start of Construction
  - April 2013
- Construction Complete
  - June 2014
- Date of Beneficial Occupancy
  - June 2014
- Warranty Period
  - 1 year

**Project Delivery Method**
Design – Bid – Build with UAF purchase of major equipment.

**Affirmation**
This project complies with Regents’ Policy and the campus master plan.

**Supporting Documents**
- One-page Project Budget
- Atkinson Renewal Overall Status

**Approvals**
The level of approval required for PCR shall be based upon the estimated TPC as follows:

- Changes with an estimated impact in excess of $1.0 million will require approval by the Board based on recommendations from the Facilities and Land Management Committee (F&LMC);
- Changes with an estimated impact in excess of $0.4 million but not more than $1.0 million will require approval by the F&LMC.
- The new policy language does not address approval levels between $250,000 - $400,000 for project change requests.
**UNIVERSITY OF ALASKA**

**Project Name:** Atkinson Power Plant Renewal Phase 3  
**MAU:** UAF  
**Building:** Atkinson Plant  
**Campus:** Fairbanks  
**Date:** June 3, 2013  
**Prepared by:** Mike Ruckhaus  
**Project #:** 2013019 BARN3  
**Acct #:** 514498-50213

**Total GSF Affected by Project:**

### PROJECT BUDGET

<table>
<thead>
<tr>
<th>Category</th>
<th>SDA Budget</th>
<th>Amended Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Professional Services</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advance Planning, Program Development</td>
<td>$100,000</td>
<td></td>
</tr>
<tr>
<td>Consultant: Design Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consultant: Construction Phase Services</td>
<td>$10,000</td>
<td></td>
</tr>
<tr>
<td>Consul: Extra Services (List:_____________________)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Survey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soils Testing &amp; Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Inspections</td>
<td>$10,000</td>
<td></td>
</tr>
<tr>
<td>Plan Review Fees / Permits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Professional Services Subtotal</strong></td>
<td><strong>$110,000</strong></td>
<td><strong>$10,000</strong></td>
</tr>
<tr>
<td><strong>B. Construction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Construction Contract(s)</td>
<td>$680,000</td>
<td>$274,000</td>
</tr>
<tr>
<td>Other Contractors (List:_____________________)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction Contingency</td>
<td>$134,900</td>
<td>$179,000</td>
</tr>
<tr>
<td><strong>Construction Subtotal</strong></td>
<td><strong>$814,900</strong></td>
<td><strong>$453,000</strong></td>
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<tr>
<td><strong>Construction Cost per GSF</strong></td>
<td><strong>N/A</strong></td>
<td><strong>N/A</strong></td>
</tr>
<tr>
<td><strong>C. Building Completion Activity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment</td>
<td>$740,000</td>
<td>$510,000</td>
</tr>
<tr>
<td>Fixtures</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Furnishings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signage not in construction contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Move-Out Costs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Move-In Costs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OIT Support</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maintenance Operation Support</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Building Completion Activity Subtotal</strong></td>
<td><strong>$740,000</strong></td>
<td><strong>$510,000</strong></td>
</tr>
<tr>
<td><strong>D. Owner Activities &amp; Administrative Costs</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Plng, Staff Support</td>
<td>$74,921</td>
<td>$82,705</td>
</tr>
<tr>
<td>Project Management</td>
<td>$133,192</td>
<td>$43,785</td>
</tr>
<tr>
<td><strong>Owner Activities &amp; Administrative Costs Subtotal</strong></td>
<td><strong>$208,113</strong></td>
<td><strong>$126,490</strong></td>
</tr>
<tr>
<td><strong>E. Total Project Cost</strong></td>
<td><strong>$1,873,013</strong></td>
<td><strong>$1,099,490</strong></td>
</tr>
<tr>
<td><strong>Total Project Cost per GSF</strong></td>
<td><strong>N/A</strong></td>
<td><strong>N/A</strong></td>
</tr>
<tr>
<td><strong>F. Total Appropriation(s)</strong></td>
<td><strong>$1,900,000</strong></td>
<td><strong>$1,100,000</strong></td>
</tr>
</tbody>
</table>

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**Design was done under an earlier phase**
Atkinson Heat and Power Plant Renewal Scope
May 2013

The following table shows the items in their approximate order of priority to the operational mission and their status:

### Atkinson Renewal Items for FY11, FY12 & FY13 allocation of $5,492,700

<table>
<thead>
<tr>
<th>Item</th>
<th>Item needed if new plant is constructed</th>
<th>Cost</th>
<th>Description</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partial replace boiler tubes for Boilers 1&amp;2 (Project: BAST – Complete)</td>
<td>No</td>
<td>$958,000</td>
<td>Replace superheater tubes (approximately 25% of the total tubes) which inspections have shown to be in the worst condition. Also perform ultrasonic testing on the remainder of the tubes and other parts to ascertain their condition.</td>
<td></td>
</tr>
<tr>
<td>Replace Boiler No. 4 air pre-heater (Project: BAPH4 Complete)</td>
<td>Yes</td>
<td>$183,000</td>
<td>A recent inspection has revealed that this heater is near failure. If it fails, boiler No. 4 will not be able to provide steam which significantly reduces the steam plant redundancy.</td>
<td></td>
</tr>
<tr>
<td>Additional domestic water aerator (Phase 1 (BARN1) – Complete)</td>
<td>Yes</td>
<td>$1,569,000</td>
<td>This item provides installation of a second parallel unit to enable extended shutdown of the existing tank and its internal components for inspection and repair. It requires a small addition to the building.</td>
<td></td>
</tr>
<tr>
<td>Add second deaerator tank (Phase 2 (BARN2) –Complete)</td>
<td>Yes</td>
<td>$674,000</td>
<td>Existing unit has been in service in excess of 40 years. Install new unit in parallel with existing. Partial emergency repairs were completed</td>
<td></td>
</tr>
<tr>
<td>Replace feedwater heater (Phase 2 (BARN2) – Complete)</td>
<td>Yes</td>
<td>$250,000</td>
<td>Existing feedwater heater is approaching the end of its useful life and is a potential single point of failure.</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
<td>-----</td>
<td>-----------</td>
<td>-------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Eliminate single points of failure in critical piping (partial scope) (Phase 2 (BARN2) – Complete)</td>
<td>Yes</td>
<td>$401,000</td>
<td>Eliminate single points of failure in critical piping: A large portion of the piping system is on the order of 40 years old.</td>
<td></td>
</tr>
<tr>
<td>Replace existing variable frequency drives (Phase 3 (BARN3) In Construction 0% complete)</td>
<td>Yes</td>
<td>$1,100,000</td>
<td>Replace 25 year old variable frequency drives as parts are not available to repair</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL** $5,135,000

Atkinson Plant Renewal Items (FY14-17), in order of priority:

<table>
<thead>
<tr>
<th>Item (Phases to be Determined)</th>
<th>Item needed if new plant is constructed</th>
<th>Cost</th>
<th>Description</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace boiler tubes for Boilers 1&amp;2</td>
<td>No</td>
<td>$11,475,000</td>
<td>Replace boiler tubes for Boilers 1&amp;2: Existing units have been in service in excess of 40 years. Perform thorough NDE inspection of tubes. Replace as indicated. Rehabilitate existing mechanical components such as fans, coal elevator, stoker grates, ash removal, etc.</td>
<td></td>
</tr>
<tr>
<td>Modification of existing Ash Handling system</td>
<td>No</td>
<td>$300k to $600k</td>
<td>Add an enclosure to prevent ash from escaping out the open door. Dust collection will be required</td>
<td></td>
</tr>
<tr>
<td>Continuous emissions monitoring for Boiler No. 4</td>
<td>Yes</td>
<td>$425,000</td>
<td>Continuous Emissions Monitoring for Boiler No. 4: Existing air permit includes 10% capacity constraint for Boiler #4 that would be lifted with installation of continuous monitoring.</td>
<td></td>
</tr>
<tr>
<td>Replacement of Boiler Feed Pump No. 5</td>
<td>Yes</td>
<td>$300,000</td>
<td>A recent failure of this pump requires its replacement</td>
<td></td>
</tr>
<tr>
<td>Replace Existing Pressure Reducing valves (PRV)</td>
<td>Yes</td>
<td>$500,000</td>
<td>The PRV’s are marginally functional and if they fail, it will result in a reduced capacity to heat campus</td>
<td></td>
</tr>
<tr>
<td>Improve domestic water taste (membrane filtration)</td>
<td>Yes</td>
<td>$425,000</td>
<td>Improve Domestic water taste (membrane filtration): This measure would install point-of-use membrane filtration units in key locations to reduce consumer concern about taste. Improvements needed for regulatory compliance with disinfection byproducts. Scope and cost is being determined.</td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Yes/No</td>
<td>Cost</td>
<td>Details</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------------------------</td>
<td>--------</td>
<td>-------</td>
<td>-------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Raw water pumping station re-build</td>
<td>Yes</td>
<td>$50,000</td>
<td>Re-build the piping in the Geist Well Houses.</td>
<td></td>
</tr>
<tr>
<td>Central air compressor replacement</td>
<td>Yes</td>
<td>$250,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eliminate single points of failure in condensate system</td>
<td>Yes</td>
<td>$337,000</td>
<td>Provide bypass for pump header to deaerator, bypass for North Utilidor meter, redundant receiver</td>
<td></td>
</tr>
<tr>
<td>Replace Chilled water Head tank</td>
<td>Yes</td>
<td>$350,000</td>
<td>Replacement of the tank will significantly reduce pumping costs. This project also includes modifications to chilled water piping in Duckering to allow for reduced head in the system</td>
<td></td>
</tr>
<tr>
<td>Eliminate single points of failure in critical piping (partial scope)</td>
<td>Yes</td>
<td>$648,000</td>
<td>Eliminate single points of failure in critical piping: A large portion of the piping system is on the order of 40 years old</td>
<td></td>
</tr>
<tr>
<td>Replace Steam and condensate lines between Lathrop and MBS</td>
<td>Yes</td>
<td>($2,000,000)</td>
<td>Construct new Utilidor between Lathrop Hall and MBS. Provided new steam, condensate, and water lines. Not in the original list of projects at FPA</td>
<td></td>
</tr>
<tr>
<td>Utilidor ventilation</td>
<td>Yes</td>
<td>$425,000</td>
<td>Installation of fire rated door assemblies at the plant/utilidor access points and certain locations at campus buildings has eliminated natural ventilation in large portions of the utilidor system, causing a large amount of condensation on exposed steel and significant corrosion. This measure would</td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Should be done</td>
<td>Budget</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------</td>
<td>----------------</td>
<td>---------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Replace obsolete control system</td>
<td>Yes</td>
<td>$2,155,000</td>
<td>This is an aging plant control system (1980's vintage). This system runs the bulk of the steam generation facility. Controllers are becoming difficult to obtain due to product obsolescence.</td>
<td></td>
</tr>
<tr>
<td>Expansion of ash silo</td>
<td>No</td>
<td>$4,000,000</td>
<td>The new coal boiler project would eliminate the need for this project.</td>
<td></td>
</tr>
<tr>
<td>Rail spur maintenance</td>
<td>No</td>
<td>$250,000</td>
<td>Because the University's rail spur is used as the primary conduit for coal, it has been in near continuous service for over 40 years and is in need of maintenance.</td>
<td></td>
</tr>
<tr>
<td>Reconstruct feedwater pumping station</td>
<td>No</td>
<td>$750,000</td>
<td>This measure would remove the abandoned 1960’s vintage feedwater pumping station and replace it with new technology multistage pumps.</td>
<td></td>
</tr>
<tr>
<td>Additional water storage tank for redundancy</td>
<td>Yes</td>
<td>$2,500,000</td>
<td>Additional water storage tank for redundancy: This is a reliability and redundancy measure that would allow isolation and drainage of the existing tank for periodic cleaning, inspection and repair.</td>
<td></td>
</tr>
<tr>
<td>Increase RO capacity</td>
<td>Yes</td>
<td>$350,000</td>
<td>Reverse Osmosis is used in water treatment for make-up water in the steam generation process.</td>
<td></td>
</tr>
<tr>
<td>Replace existing demineralizer</td>
<td>Yes</td>
<td>$25,000</td>
<td>Demineralized water is used as make up in the water treatment process.</td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Proposed Action</td>
<td>Cost</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------------------------------------------</td>
<td>-----------------</td>
<td>-----------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Steam generation process. Existing unit is approaching useful design life. The new demineralizer could supply the new power plant.</td>
<td></td>
<td></td>
<td>No $350,000 This is a reliability measure to provide redundancy in a system that is critical to operation of power generation. Existing single wall unit is in excess of design life.</td>
<td></td>
</tr>
<tr>
<td>Convert Boiler No. 3 to dual fuel (natural gas and oil)</td>
<td>Yes</td>
<td>$750,000</td>
<td>Add current natural gas burner technology to Unit #3 to allow operation with less expensive fuel source. Operation with natural gas may have a positive impact on the University's air quality permit application.</td>
<td></td>
</tr>
<tr>
<td>Replace thinwall steel chilled water piping on Lower Campus</td>
<td>Yes</td>
<td>$1,750,000</td>
<td>Replace thin wall steel chilled water piping on Lower Campus: Piping in portions of the existing chilled water distribution system on lower campus was constructed of a thin wall material subject to corrosion and failure.</td>
<td></td>
</tr>
<tr>
<td>Additional condenser capacity</td>
<td>No</td>
<td>$1,500,000</td>
<td>Additional condensers will allow the steam turbine to increase its output in the summer.</td>
<td></td>
</tr>
<tr>
<td>Replace steam and condensate lines to U-Park</td>
<td>Yes</td>
<td>$5,000,000</td>
<td>The pipes are near the end of their useful life.</td>
<td></td>
</tr>
<tr>
<td>New water plant controls</td>
<td>Yes</td>
<td>$200,000</td>
<td>Existing controls are not supported by the manufacturer and are at the end of their life.</td>
<td></td>
</tr>
<tr>
<td>Pave Atkinson parking lot for dust control (air permit issue)</td>
<td>Yes</td>
<td>$200,000</td>
<td>Pave Atkinson parking lot for dust control (air permit issue): Efficient Operation of a utility</td>
<td></td>
</tr>
</tbody>
</table>
plant of this nature requires relatively good vehicle access. During wet conditions, access to the backside of the plant is restricted.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>$36,372,500</td>
</tr>
<tr>
<td>PROJECT TOTAL (FY11/12/13 work plus FY14-17 work)</td>
<td>$40,400,000</td>
</tr>
</tbody>
</table>
UAF Engineering New Facility Request

Presentation to: Facilities & Land Management Committee

September 26, 2013

Ashok K. Roy, Ph.D., CIA, CBA
Vice President for Finance & Administration/CFO
University of Alaska System
Background:

In June 2012 the Board of Regents authorized UAF to spend up to $50.3M to proceed with the construction of the new UAF Engineering Facility.

In the approval, UAF noted anticipated funding from FY14 State appropriation and UA Revenue Bonds.

The State provided $15M of the requested $48.3M in FY14 Capital Funding.

A project change request is required for all capital projects with a total project cost in excess of $250,000.
There is no variance from the approved schematic design.

**Total project cost & funding sources.**
FY11 capital appropriation $4 M
FY13 capital appropriation $46.3 M
FY14 capital appropriation $15 M (see request #1)
UA Revenue Bonds $10 M (see request #2)
FY15 capital appropriation (anticipated) $33.3 M

Total Project Cost  $108.6 M
a) Requests

Request 1:
To authorize UAF to spend the FY14 capital appropriation of $15M.

Request 2:
In order to continue construction as planned, authorize sale of UA Revenue bonds for $10M.
b) UAF

<table>
<thead>
<tr>
<th>Current Status:</th>
<th>Status with proposed $10M Revenue Bond &amp; resultant $800,000 additional annual debt service:</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY14 Unrestricted Budget</td>
<td>$315 M</td>
</tr>
<tr>
<td>Debt Outstanding</td>
<td>$117.1 M</td>
</tr>
<tr>
<td>Debt Service Ratio</td>
<td>3.9%</td>
</tr>
<tr>
<td>Debt Service Payment</td>
<td>$10.9 M</td>
</tr>
</tbody>
</table>
c) **UA System impact**

<table>
<thead>
<tr>
<th>Current Status:</th>
<th>Status with proposed $10 M Revenue Bond &amp; resultant additional annual debt service:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debt Outstanding</td>
<td>$191 M → $201 M</td>
</tr>
<tr>
<td>Debt Service Ratio</td>
<td>2.9% → 3%</td>
</tr>
<tr>
<td>Debt Service Payment</td>
<td>$17.5 M → $18.3 M</td>
</tr>
</tbody>
</table>
PROJECT CHANGE REQUEST

TO: Pat Gamble
   President

THROUGH: Kit Duke
   AVP Facilities and Land Management

THROUGH: Brian Rogers
   Chancellor

THROUGH: Pat Pitney
   Vice Chancellor

THROUGH: Scott Bell, P.E.
   Associate Vice Chancellor

THROUGH: Gary Johnston
   Director

FROM: Cameron Wohlford, PE
   Project Manager

DATE: August 14, 2013

SUBJECT: Project Type: New Construction
Project Name: UAF Engineering Facility
Project No.: 2011122 ENNF

cc: ENNF (101)

Total Project Cost $108,600,000
Approval Level: Full BOR
MEMORANDUM

DATE: August 22, 2013

TO: To Whom It May Concern

FROM: Brian Rogers, Chancellor

RE: Signature Authority for August 23-31, 2013

I will be out of the office August 23-31, 2013. While I am away, I delegate to Provost Susan Henrichs the authority to approve and sign documents related to university business on my behalf.

BDR

cc: Susan Henrichs, Provost and Executive Vice Chancellor for Academic Affairs
Academic Project Program Resource Planning Status Report
UAF Engineering Facility– Project Change Request

This project constructs a new facility and completes major deferred maintenance and renewal of existing facilities to meet the existing needs of the UAF Engineering program and was initiated prior to acceptance of the Program Resource Planning process by the Regents.

This project change request is required to allow UAF to spend the FY14 Capital Appropriation and to sell the UA Bonds as outlined in the project development documents.

Milestone #0
Mission Area Analysis: (Completed as part of Ira Fink Engineering Study) Date: 03/11
Statement of Need: (Completed as part of Ira Fink Engineering Study) Date: 03/11

Milestone #1
SAC Review: (Completed as part of Ira Fink Engineering Study) Date: 03/11

Milestone #2
Preliminary Administrative Approval: Date: 09/06

Milestone #3
Statement of Requirements: (Completed as part of Ira Fink Engineering Study) Date: 03/11

Milestone #4
Business and Financing Plan: (Developed in conjunction with FPA) Date: 09/23/11
Operating Budget Request Date: FY11,FY13,FY14 & FY15
Capital Budget Request: Date: FY11,FY13,FY14 & FY15
Legislative Funding: Date: FY11,FY13,FY14
Board Approval of Capital Budget Distribution: FY11 Date: 06/03/10
FY13 Date: 06/07/12
FY14 Date: 06/06/13

Milestone #5
Formal Project Approval: Date: 09/23/11
Schematic Design Approval: Date: 06/08/12

Milestone #6
Construction Started: Date: 04/01/13
Project Change Request #1 (Current action requested) Date: 09/26/13
Construction Completed: Date: 
Beneficial Occupancy: Date: 
Final Project Report: Date: 

523
PROJECT CHANGE REQUEST

Name of Project: UAF Engineering Facility
Project Type: New Construction
Location of Project: UAF, Fairbanks Campus, Engineering Facility #FS304, Fairbanks
Project Number: 2011122 ENNF
Date of Request: August 19, 2013

| Total Project Cost: | $ 108,600,000 | Increase spending authority by $25,000,000 |
| Approval Required: | Full BOR |
| Prior Approvals:   | Preliminary Administrative Approval September 2006 |
|                    | Formal Project Approval September 23, 2011 |
|                    | Schematic Design Approval June 8, 2012 |

A Project Change Request (PCR) is required for all Capital Projects with a Total Project Cost in excess of $250,000.

For projects that have changes in the source of funds, increases or decreases in budget, savings to the construction budget, and/or material changes in program or project scope identified subsequent to schematic design approval shall be determined by the chief facilities officer based on the extent of the change and other relevant circumstances. This determination requires judgment, but will generally be based on the nature of the funding source, the amount, and the budgetary or equivalent scope impact relative to the approved budget at the schematic design approval stage. Any changes with an estimated impact in excess of $400,000 will require approval by the Facilities and Land Management Committee (F&LMC) or the full Board of Regents depending on the amount of the impact.

Action Requested
The Facilities and Land Management Committee recommends that the Board of Regents approve the Project Change Request for the University of Alaska Fairbanks Engineering Facility as presented in compliance with the campus master plan, and authorizes the university administration to continue with project construction adding $25.0 million in FY14 capital and bond funding, not to exceed a total expenditure of $75.3 million. This motion is effective September 26, 2013.

Project Change Request Abstract
In June 2012, the Board of Regents authorized the University of Alaska Fairbanks to spend up to $50.3 million to proceed with construction on the new UAF Engineering Facility. In the approval, UAF noted anticipated funding from an FY14 State of Alaska appropriation and UA Revenue Bonds. The State of Alaska provided $15 million of the requested $48.3 million in FY14 funding. UAF is requesting authorization to spend the FY14 funds. In a separate motion, UAF is requesting authorization to proceed with the sale of the UA Revenue Bonds. Receiving authorization to sell them now will allow the UA
Controller to optimize the bond interest rate based on the best market conditions in the next six months. The additional $25 million in funding will allow UAF to continue with construction and work to further the completion of the facility while additional funds are sought from the State of Alaska.

RATIONALE AND REASONING

Background
No variance from the approved Schematic Design

Programmatic Need
No variance from the approved Schematic Design

Project Scope
No variance from the approved Schematic Design

Project Impacts
No variance from the approved Schematic Design

Variances
The Board of Regents previously authorized UAF to design the project to a total project cost of $108.6 million, but limited actual spending to $50.3 million (the funding actually available from FY11 and FY13 capital appropriations). UAF is seeking authorization to spend $15.0 million funding from an FY14 State of Alaska Capital Appropriation. UAF is also seeking approval to proceed with the UA Revenue Bond sale, utilizing the $10M in UA Bond funds to further the completion of the facility. The additional funds will increase the authorized spending level to $75.3 million.

Due to the lack of full funding, the project completion schedule has been extended. UAF and the CM@Risk have developed a best case scenario schedule for the facility predicated on full funding in FY15. The new completion will allow limited partial occupancy of the new space in the fall semester of 2015 with final occupancy in the spring semester of 2016.

Total Project Cost and Funding Sources

<table>
<thead>
<tr>
<th>Funding Title</th>
<th>Fund/Org</th>
<th>Original Amount</th>
<th>New Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY11 Capital appropriation</td>
<td>571308-50216</td>
<td>$4,000,000</td>
<td>$4,000,000</td>
</tr>
<tr>
<td>FY13 Capital appropriation</td>
<td>571339-50216</td>
<td>$46,300,000</td>
<td>$46,300,000</td>
</tr>
<tr>
<td>FY14 Capital appropriation</td>
<td>571380-50216</td>
<td>$15,000,000</td>
<td>$15,000,000</td>
</tr>
<tr>
<td>UA Revenue Bonds</td>
<td>TBD</td>
<td>$10,000,000</td>
<td>$10,000,000</td>
</tr>
<tr>
<td>Future FY15 Capital appropriation</td>
<td>TBD</td>
<td>$33,300,000</td>
<td>$33,300,000</td>
</tr>
<tr>
<td>Total Project Cost</td>
<td></td>
<td>$108,600,000</td>
<td>$108,600,000</td>
</tr>
</tbody>
</table>

Annual Program and Facility Cost Projections
No variance from the approved Schematic Design

Project Schedule

DESIGN
No variance from the approved Schematic Design

BID & AWARD
No variance from the approved Schematic Design
CONSTRUCTION

Start of Construction	April 1, 2013
Construction Complete (contingent on FY15 Full Funding)	January 2016
Date of Beneficial Occupancy (contingent on FY15 Full Funding)	January 2016
Warranty Period	One Year

Project Delivery Method
No variance from the approved Schematic Design

Affirmation
This project complies with Regents’ Policy, the campus master plan and the Project Agreement.

Supporting Documents
One-page Project Budget

Approvals
The level of approval required for PCR shall be based upon the estimated TPC as follows:

- Changes with an estimated impact in excess of $1.0 million will require approval by the Board based on recommendations from the Facilities and Land Management Committee (F&LMC);
**UNIVERSITY OF ALASKA**

Project Name: UAF Engineering Facility  
MAU: UAF  

Building: Engineering Facility  
Campus: Main  
Project #: ENNF 2011122  
Acct #(#s): 571308, 571339, 571380-50216  

<table>
<thead>
<tr>
<th>Total GSF Affected by Project: (includes backfill)</th>
<th>SDA Budget</th>
<th>Amended Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>139900</td>
<td>149000</td>
<td></td>
</tr>
</tbody>
</table>

**PROJECT BUDGET**

A. **Professional Services**

<table>
<thead>
<tr>
<th>Service</th>
<th>SDA Budget</th>
<th>Amended Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advance Planning, Program Development</td>
<td>$748,988</td>
<td>$748,988</td>
</tr>
<tr>
<td>Consultant: Design Services</td>
<td>$7,691,335</td>
<td>$7,391,335</td>
</tr>
<tr>
<td>Consultant: Construction Phase Services</td>
<td>$2,167,091</td>
<td>$2,167,091</td>
</tr>
<tr>
<td>CM@Risk Preconstruction Services</td>
<td>$0</td>
<td>$466,858</td>
</tr>
<tr>
<td>Commission, Peer Review, Misc. Consultants</td>
<td>$50,000</td>
<td>$400,000</td>
</tr>
<tr>
<td>Soils Testing &amp; Engineering</td>
<td>$65,000</td>
<td>$0</td>
</tr>
<tr>
<td>Special Inspections</td>
<td>$25,000</td>
<td>$25,000</td>
</tr>
<tr>
<td>Plan Review Fees / Permits</td>
<td>$40,000</td>
<td>$40,000</td>
</tr>
<tr>
<td>Other</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

**Professional Services Subtotal** | $10,787,414 | $11,239,272 |

B. **Construction**

<table>
<thead>
<tr>
<th>Activity</th>
<th>SDA Budget</th>
<th>Amended Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Construction Contract(s)</td>
<td>$83,577,176</td>
<td>$74,600,000</td>
</tr>
<tr>
<td>Other Contractors (List: Utilities, Duckering Backfill)</td>
<td>$0</td>
<td>$7,735,000</td>
</tr>
<tr>
<td>Construction Contingency</td>
<td>$3,440,037</td>
<td>$3,229,400</td>
</tr>
</tbody>
</table>

**Construction Subtotal** | $87,017,213 | $85,564,400 |

**Construction Cost per GSF** | $622 | $574 |

C. **Building Completion Activity**

<table>
<thead>
<tr>
<th>Activity</th>
<th>SDA Budget</th>
<th>Amended Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment</td>
<td>$500,000</td>
<td>$450,000</td>
</tr>
<tr>
<td>Fixtures</td>
<td>$100,000</td>
<td>$350,000</td>
</tr>
<tr>
<td>Furnishings</td>
<td>$750,000</td>
<td>$750,000</td>
</tr>
<tr>
<td>Signage not in construction contract</td>
<td>$50,000</td>
<td>$37,500</td>
</tr>
<tr>
<td>Move-Out Costs</td>
<td>$0</td>
<td>$200,000</td>
</tr>
<tr>
<td>Move-In Costs</td>
<td>$350,000</td>
<td>$350,000</td>
</tr>
<tr>
<td>Art</td>
<td>$200,000</td>
<td>$250,000</td>
</tr>
<tr>
<td>Other (Classroom Technology)</td>
<td>$0</td>
<td>$700,000</td>
</tr>
<tr>
<td>OIT Support</td>
<td>$450,000</td>
<td>$500,000</td>
</tr>
<tr>
<td>Maintenance Operation Support</td>
<td>$250,000</td>
<td>$350,000</td>
</tr>
</tbody>
</table>

**Building Completion Activity Subtotal** | $2,650,000 | $3,397,500 |

D. **Owner Activities & Administrative Costs**

<table>
<thead>
<tr>
<th>Activity</th>
<th>SDA Budget</th>
<th>Amended Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Plng, Staff Support</td>
<td>$4,520,458</td>
<td>$4,284,165</td>
</tr>
<tr>
<td>Project Management</td>
<td>$3,624,918</td>
<td>$3,064,663</td>
</tr>
<tr>
<td>Misc. Expenses: Advertising, Printing, Supplies, Etc.</td>
<td>$0</td>
<td>$510,000</td>
</tr>
</tbody>
</table>

**Owner Activities & Administrative Costs Subtotal** | $8,145,376 | $7,858,828 |

E. **Total Project Cost**

<table>
<thead>
<tr>
<th>Total Project Cost</th>
<th>SDA Budget</th>
<th>Amended Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>$108,600,003</td>
<td>$108,600,000</td>
<td></td>
</tr>
</tbody>
</table>

**Total Project Cost per GSF** | $776 | $729 |

F. **Total Appropriation(s)**

<table>
<thead>
<tr>
<th>Total Appropriation(s)</th>
<th>SDA Budget</th>
<th>Amended Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>$108,600,000</td>
<td>$108,600,000</td>
<td></td>
</tr>
</tbody>
</table>

**PCR UAF Engineering Facility**
PROJECT CHANGE REQUEST

TO: Pat Gamble
President

THROUGH: Kit Duke
AVP, Facilities and Land Management

THROUGH: Brian Rogers
Chancellor

THROUGH: Pat Pitney
Vice Chancellor

THROUGH: Scott Bell, P.E.
Associate Vice Chancellor

THROUGH: Gary Johnston
Director

FROM: Michael Ruckhaus, P.E.
Sr. Project Manager

DATE: August 13, 2013

SUBJECT: Project Type: Renewal and Replacement
          Project Name: Utilities Critical Electrical Distribution Renewal Phase 2
          Project No.: 2012108 UTER2

cc: UTER2 (101)

Total Project Cost $26,250,000
Approval Level: Full Board
Non-Academic Project Program Resource Planning Status Report
UAF Critical Electrical Distribution Phase 2 – Project Change Request

This project is a major Deferred Maintenance and Renewal of existing facilities and was initiated prior to acceptance of the Program Resource Planning process by the Regents; therefore milestones 0 and 1 were not required.

This project change request is the required to allow UAF to add the FY14 DM&R funds that were identified for use on this project but not available at the time that SDA was granted.

Milestone #0
Mission Area Analysis: (not required at time of project development) Date: N/A
Statement of Need: (not required at time of project development) Date: N/A

Milestone #1
SAC Review: (not required) Date: N/A

Milestone #2
Preliminary Administrative Approval: Date: 08/11

Milestone #3
Statement of Requirements: Date: 02/16/12

Milestone #4
Business and Financing Plan: Date: 02/16/12
Operating Budget Request Date: N/A
Capital Budget Request: Date: FY12
Legislative Funding: FY12 DM&R Bonds Series “Q” and “S”
FY14 DM&R Funds
Board Approval of FY13 Capital Budget Distribution: Date: 06/07/12
Board Approval of FY14 Capital Budget Distribution: Date: 06/06/13

Milestone #5
Formal Project Approval (For all Phases): Date: 02/16/12
Schematic Design Approval (Phase 2): Date: 06/08/12

Milestone #6
Construction Started: Date: 07/16/12
**Project Change Request #1 (Current action requested)**
Construction Completed: Date:
Beneficial Occupancy: Date:
Final Project Report: Date:
University of Alaska Program Resource Planning
Academic, Budget and Project Planning Process

Source Documents:
- UA Strategic and Academic Plans
- MAU Strategic and Academic Plans
- MAU Department Program Review/Proposal Accreditation Reports
- MAU Campus Master Plan
- MAU Housing/Campus Life Strategic Plan

Will this proposal require approval by President or BOR?

Follow MAU internal evaluation process

Is this a Deferred Maintenance (DM) or Small R&R Project?

Is this proposal in nature?

1. MAU produces an Administrative Mission Area Analysis (MAA) & a Statement of Need (SON) (should be contained in the MAU Program Proposal)

2. MAU produces a Program Action Request (PAR) Formerly a HEX Form

3. MAU Submits to SAC for review and concurrence

IR Data Input

Will it have a facilities cost component?

NO

YES

Skip to Step 6 as appropriate

4. MAU develops a Preliminary Administrative Approval Request (PAA) Not required until after MS 83 unless MAU needs authority to spend to develop the SON and Business/Finance Plan. Skip to step 6.

5. President approves PAA

6. MAU produces a Statement of Requirements (SOR)

7. Is this an Academic Program?

YES

531

NO

8. MAU Develops Business and Financing Plan


10. President, FLMC and BOR approval of operating and capital budgets, and LRP

11. Governor and Legislature Action

12. UA BOR accepts Appropriated Budgets

13. Board of Regents Project Approval Processes

14. Project Agreement
- Formal Project Approval
- Schematic Design Approval
- Change Requests
- Project Bid/Award Reports
- Final Project Report

14a. Board Approval of Project Plan via the June Distribution List
- Change Requests
- Project Bid/Award Reports
- Final Report or Project Plan

10. President, FLMC and BOR approval of operating and capital budgets, and LRP

11. Governor and Legislature Action

12. UA BOR accepts Appropriated Budgets

13. Board of Regents Project Approval Processes

14. Project Agreement
- Formal Project Approval
- Schematic Design Approval
- Change Requests
- Project Bid/Award Reports
- Final Project Report

14a. Board Approval of Project Plan via the June Distribution List
- Change Requests
- Project Bid/Award Reports
- Final Report or Project Plan

Process Ends

Time Frames
- Steps 1-3 may require 1-9 months
- Steps 4-7 may require 1-3 months
- Steps 8-13 generally require 7-8 months
- Step 14 will vary depending on the size of the project (a few weeks to several years.)

PCR

Statement of Requirements Components
- Faculty/Staff
- FF&E
- Infrastructure
- Backfill, Other Second Order Impacts
- Now Space, Remodeling
- Building Operations and Maintenance

Project Type
- Construction – New or Expansion, Large R&R
- Infrastructure – New or Expansion
- Deferred Maintenance and Small R&R Projects

Process Ends

531
PROJECT CHANGE REQUEST

Name of Project: UAF Critical Electrical Distribution Renewal Phase 2
Project Type: Renewal and Replacement
Location of Project: UAF, Fairbanks Campus, Fairbanks
Project Number: 2012108 UTER2
Date of Request: August 13, 2013

<table>
<thead>
<tr>
<th>Total Project Cost: $26,250,000</th>
<th>Funding Allocation Increase: $3,555,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Required: Full BoR</td>
<td></td>
</tr>
<tr>
<td>Prior Approvals:</td>
<td></td>
</tr>
<tr>
<td>Preliminary Administrative Approval</td>
<td>August, 2011</td>
</tr>
<tr>
<td>Formal Project Approval</td>
<td>February 16, 2012</td>
</tr>
<tr>
<td>Schematic Design Approval</td>
<td>June 8, 2012</td>
</tr>
</tbody>
</table>

A Project Change Request (PCR) is required for all Capital Projects with a Total Project Cost in excess of $250,000.

For projects that have changes in the source of funds, increases or decreases in budget, savings to the construction budget, and/or material changes in program or project scope identified subsequent to schematic design approval shall be determined by the chief facilities officer based on the extent of the change and other relevant circumstances. This determination requires judgment, but will generally be based on the nature of the funding source, the amount, and the budgetary or equivalent scope impact relative to the approved budget at the schematic design approval stage. Any changes with an estimated impact in excess of $400,000 will require approval by the Facilities and Land Management Committee (F&LMC) or the full Board of Regents depending on the amount of the impact.

Action Requested
The Facilities and Land Management Committee recommends that the Board of Regents approve the Project Change Request in the amount of $3,555,000 for the University of Alaska Fairbanks Utilities Critical Electrical Distribution Renewal Phase 2 as presented in compliance with the campus master plan, and authorizes the university administration to complete construction bid documents to bid and award a contract within the approved Total Project Cost budget of $26,250,000, and to proceed with project construction not to exceed a total phase cost of $17,880,000. This motion is effective September 26, 2013.

Project Change Request Abstract
This project is being funded over several fiscal years. The project scope and the Total Project Cost budget for all of Phase 2 in the amount of $26,250,000 have not changed since the Schematic Design approval in June 2012. This Project Change Request is a required step to provide administration the authority to use the FY14 DM/R&R funding allocated to this project. The original Schematic Design Approval authorized construction not to exceed $14,325,000 (FY13 funding). The FY14 funding is $3,555,000 and will increase the authority available for construction from $14,325,000 to $17,880,000.
It is anticipated that additional Project Change Requests will be submitted for FY15 and FY16 construction expenditures as the available funding for those years is determined.

RATIONALE AND REASONING

Previous Approvals
“The Board of Regents approves the Schematic Design Approval for the University of Alaska Fairbanks Critical Electrical Distribution Renewal Phase 2 as presented in compliance with the campus master plan, and authorizes the university administration to complete construction bid documents to bid and award a contract within the approved Total Project Cost budget of $26.25 million, and to proceed with project construction not to exceed a Total Project Cost of $14,325,000. This motion is effective June 8, 2012.”

Project Scope
Phase 2 will continue the work started in the previous phases to provide a functional medium voltage distribution system for UAF. This phase of the project will consist of the following elements that will be performed throughout the Fairbanks campus:

- Replace old building transformers (approximately 50% of the existing transformers will need replacement).
- Replace old high voltage cable (approximately 35% of the existing cables will need to be replaced). The cables are in the existing underground utilidor system.
- Install five new underground vaults to house new high voltage switches.
- Modify new building transformers for new distribution voltage of 12,470v.
- Correct Code deficiencies in the building electrical service for 8 buildings. This is required to complete the conversion to the new distribution voltage.
- Install an alternate connection to GVEA to the new switchgear building. This connection could be used to supply most of the power needs of campus if there were an emergency and the UAF/GVEA substation was not operational.
- Install an alternate feed from the Atkinson Combined Heat and Power Plant to the Campus Switchgear building to provide increased reliability.

The scope of the project will include any temporary power provisions that may be needed if conversions of the buildings cannot be done in a short outage. Although there will be some inconvenience to building occupants, a work plan will be developed to minimize these impacts.

The new distribution system will be installed in a looped configuration which will provide a level of reliability that is significantly better than the current radial configuration. If a problem is encountered on a feeder, it can be isolated while keeping the majority of the buildings on that feeder in service. The current system limits the ability to isolate problems in feeders.

Replacement of the Atkinson Switchgear is an additional item that is being added. It was determined that it was not feasible, nor safe, to connect the new alternate feed from the Atkinson Combined Heat and Power Plant to the Campus Switchgear building from the existing switchgear, which is nearly 50 years old. No increase to the Total Project Cost budget is anticipated for this addition.

Project Impacts
The total duration of the project is increasing due to phased funding. It is possible that inflation could affect future Project Change Requests as funding is added up to the Total Project Cost budget of $26,250,000.
Approximately $400,000 in savings from the CMAR have been realized to date in Phase 2 of construction. The savings have been used to increase the amount of work that can be done in this phase.

**Variances**
At the time of the Schematic Design Approval, the overall completion date was fall of 2014. Since funding is being allocated over multiple years, the anticipated completion date is now fall of 2015.

**Total Project Cost and Funding Sources**

<table>
<thead>
<tr>
<th>Funding Title</th>
<th>Fund/Org Account#</th>
<th>Original Amount</th>
<th>New Amount</th>
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<tbody>
<tr>
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<td>$3,300,000</td>
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<tr>
<td><strong>Total Project Cost</strong></td>
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<td><strong>$14,325,000</strong></td>
<td><strong>$17,880,000</strong></td>
</tr>
</tbody>
</table>

|                |                |                |
| Annual Renewal and Replacement |                | $416,000      |
| **Total Annual Cost Projections** |                | **$416,000**   |

**Project Schedule**

**DESIGN**
- Conceptual Design: January 2012
- Formal Project Approval: February 2012
- Schematic Design: March 2012
- Schematic Design Approval: June 8, 2012
- Construction Documents: July 2012

**BID & AWARD**
- Advertise and Bid: July 2012
- Construction Contract Award: July 2012

**CONSTRUCTION**
- Start of Construction: July 2012
- Construction Complete: November 2015
- Date of Beneficial Occupancy: November 2015
- Warranty Period: 1 year

**Project Delivery Method**
This project (all phases) uses the CM@R project delivery method. The CM@R (Kiewit Building Group) was selected in Phase 1 and the selection criteria included all phases of the project.

**Affirmation**
This project complies with Regents’ Policy and the campus master plan.

**Supporting Documents**
- One-page Project Budget
- Drawings

**Approvals**
The level of approval required for PCR shall be based upon the estimated TPC as follows:
- **Changes with an estimated impact in excess of $1.0 million will require approval by the Board based on recommendations from the Facilities and Land Management Committee (F&LMC).**
- **Changes with an estimated impact in excess of $0.4 million but not more than $1.0 million will require approval by the F&LMC.**
<table>
<thead>
<tr>
<th>Project Name: Critical Electrical Distribution Renewal Phase 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAU: UAF</td>
</tr>
<tr>
<td>Building: N/A</td>
</tr>
<tr>
<td>Campus: UAF</td>
</tr>
<tr>
<td>Prepared By: M. Ruckhaus</td>
</tr>
<tr>
<td>Date: August 13, 2013</td>
</tr>
<tr>
<td>Account No.: 51449-50216</td>
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<tr>
<td>Total GSF Affected by Project: N/A</td>
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</table>

### PROJECT BUDGET

**A. Professional Services**

<table>
<thead>
<tr>
<th>Service</th>
<th>SDA Budget (Jun-2012)</th>
<th>SDA Budget (Aug-2013)</th>
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</thead>
<tbody>
<tr>
<td>Advance Planning, Program Development</td>
<td>0.0%</td>
<td>$0</td>
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<tr>
<td>Consultant: Design Services</td>
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<tr>
<td>Consultant: Construction Phase Services</td>
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<td>Site Survey</td>
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<tr>
<td>Soils Testing &amp; Engineering</td>
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<tr>
<td>Special Inspections</td>
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<td>$0</td>
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<tr>
<td>Plan Review Fees / Permits</td>
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<tr>
<td>Other</td>
<td>$0</td>
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**Professional Services Subtotal**

$2,675,000

**B. Construction**

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<th>Item</th>
<th>SDA Budget (Jun-2012)</th>
<th>SDA Budget (Aug-2013)</th>
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<tbody>
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<td>General Construction Contract (s)</td>
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<tr>
<td>Other Contractors (List: GVEA)</td>
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<tr>
<td>Construction Contingency</td>
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</table>

**Construction Subtotal**

$20,700,000

**C. Building Completion Activity**

<table>
<thead>
<tr>
<th>Activity</th>
<th>SDA Budget (Jun-2012)</th>
<th>SDA Budget (Aug-2013)</th>
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<tbody>
<tr>
<td>Equipment</td>
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<td>Fixtures</td>
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<td>Furnishings</td>
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<td>Signage not in construction contract</td>
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<td>Move-Out Cost/Temp. Reloc. Costs</td>
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<tr>
<td>Move-In Costs</td>
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<td>$0</td>
</tr>
<tr>
<td>Art</td>
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<td>$0</td>
</tr>
<tr>
<td>Other (List:_____________________)</td>
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<td>$0</td>
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<tr>
<td>OIT Support</td>
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<tr>
<td>Maintenance/Operation Support</td>
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</table>

**Building Completion Activity Subtotal**

$150,000

**D. Owner Activities & Administrative Cost**

<table>
<thead>
<tr>
<th>Activity</th>
<th>SDA Budget (Jun-2012)</th>
<th>SDA Budget (Aug-2013)</th>
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</thead>
<tbody>
<tr>
<td>Project Planning and Staff Support</td>
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<tr>
<td>Project Management</td>
<td>$1,176,250</td>
<td>$1,171,250</td>
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<tr>
<td>Misc Expenses: Advertising, Printing, Supplies</td>
<td>$30,000</td>
<td>$30,000</td>
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</table>

**Owner Activities & Administrative Cost Subtotal**

$2,264,875

**E. Total Project Cost**

| Total Project Cost                          | $25,789,875            | $25,680,375            |

**Total Project Cost per GSF**

N/A

**F. Total Appropriation(s)**

| Total Appropriation                          | $26,250,000            | $26,250,000            |
UNIVERSITY OF ALASKA FAIRBANKS
CRITICAL ELECTRICAL DISTRIBUTION RENEWAL
PHASE 2
MAY 2, 2012
PROJECT NUMBER: 2012108 UTER2

BLISTERS, TRANSFORMERS, FEEDER CUTOVER
SCHEMATIC DESIGN
CIVIL NOTES:

1. SEE STRUCTURAL DRAWINGS FOR DOORWAY CUT-OUTS TO EXISTING UTILITIES.
2. SAW CUT AND REMOVE EXISTING UTILITIES STRUCTURES LOCATED WITHIN BLISTER. SEE STRUCTURAL FOR PIPE SUPPORT MODIFICATIONS (BLISTER 2, 3 AND 4).
3. UNLESS OTHERWISE NOTED, PRESERVE AND PROTECT ALL PLUMBING VALVES, SUITABLE, MISCELLANEOUS AND APPLIANCES LOCATED IN EXISTING UTILITIES.
4. BLISTER FLOOR ELEVATION SHALL MATCH ADJACENT UTILITIES FLOOR ELEVATION AND SLOPE.
5. ALL BLISTER CONSTRUCTION SHALL BE 6 IN. CLEAR OF ALL FLOOR UNLESS OTHERWISE NOTED.
6. RESTORE LANDSCAPING ON ALL DISTURBED AREAS. LANDSCAPING SHALL COMPLY OF RESTORING SITE TO ORIGINAL CONDITIONS, 6 IN. TOPSOIL AND SEED ALL LAWN AREAS.

LEGEND:

- Sign
- Fire hydrant
- Light pole
- Electrical outlet
- Asphalt pavement
- Concrete utility
- Concrete
- Deciduous tree
- Conifer tree
- Top of wall elevation

UNIVERSITY OF ALASKA
FAIRBANKS CAMPUS
SITE PLAN: BLISTER A

SECTION A-A

EXISTING GROUND

WATCH EXISTING ALL AROUND

FINISH GRADE

8" TOPSOIL & SEED

REMOVE EXISTING 27" UTILITIES BASE SLAB

NOTE: Structural fill

ELEVATION LIMITS, TYP (SAVE SLOPES)

ELEVATION LIMITS, TYP
PROJECT CHANGE REQUEST

TO: Pat Gamble  
President

THROUGH: Kit Duke  
AVP Facilities and Land Management

THROUGH: Tom Case  
UAA Chancellor

THROUGH: William Spinkle  
Vice Chancellor, UAA Admin Services

THROUGH: Chris Turletes  
Associate Vice Chancellor, UAA F&C

THROUGH: John Faunce  
Director, UAA FP&C

FROM: Howie Morse  
Project Manager, UAA FP&C

DATE: August 23, 2013

SUBJECT: Project Type: Renovation, R&R/DM Project  
Project Name: PWSCC Wellness Center/Campus Renewal  
Project No.: 07-0044

cc:
Non-Academic Project Program Resource Planning Status Report
UAA PWSCC Wellness Center/Campus Renewal – Project Change Request

This project is a major Deferred Maintenance and Renewal of existing facilities and was initiated prior to acceptance of the Program Resource Planning process by the Regents.

This project change request asks to increase the project budget to cover the costs of additional work for undocumented conditions encountered during the project and the extension of the project schedule due to those conditions.

Milestone #0
Mission Area Analysis: (not required at time of project development) Date: N/A
Statement of Need: (not required at time of project development) Date: N/A

Milestone #1
SAC Review: (not required) Date: N/A

Milestone #2
Preliminary Administrative Approval: Date: 02/09

Milestone #3
Statement of Requirements: (Developed during FPA) Date: 12/10/10

Milestone #4
Business and Financing Plan: Date: N/A
Operating Budget Request Date: FY10
Capital Budget Request: Date: FY10
Legislative Funding: FY11 GO Bonds
Board Approval of FY13 Capital Budget Distribution: Date: 06/07/12

Milestone #5
Formal Project Approval: Date: 12/10/10
Schematic Design Approval: Date: 12/09/11

Milestone #6
Construction Started: Date: 05/12
Construction Completed: Date:
Beneficial Occupancy: Date: 08/13

Project Change Request #1 (Current action requested) Date: 09/26/13
Final Project Report: Date: ______
University of Alaska Program Resource Planning
Academic, Budget and Project Planning Process

1. MAU produces an Academic Mission Area Analysis (MAA) & a Statement of Need (SON)
   (should be contained in the MAU Program Proposal)
   
2. MAU produces a Program Action Request (PAR)
   Formerly a HEX Form
   
3. MAU submits to SAC for review and concurrence
   
4. MAU develops a Preliminary Administrative Approval Request (PAA)
   Not required until after MS #3 unless MAU needs authority to spend to
   develop the SOR and Business/Finance Plan. Skip to step 6.
   
5. President approves PAA
   
6. MAU produces a Statement of Requirements (SOR)
   
7a. MAU submits MAA-SON and SOR to BOR Academic and Student Affairs
    Committee for approval
   
8. MAU develops business and financing plan
   
9. Operating and Capital Budgets, Long Range Capital Plan (LRP)
   Development
   
10. President, FLMC and BOR approval of operating and capital budgets, and LRP
   
11. Governor and Legislature action
   
12. UA BOR accepts Appropriated Budgets
   
13. Board of Regents project approval processes
   
14. Project Agreement
    Formal Project Approval
    Schematic Design Approval
    Change Requests
    Project Bld/Award Reports
    Final Project Report
   
14a. Board Approval of Project Plan via the June Distribution List
    Change Requests
    Project Bld/Award Reports
    Final Report on Project Plan
   
Process Ends

Time Frames:
- Steps 1-3 may require 1-9 months
- Steps 4-7 may require 1-3 months
- Steps 8-13 generally require 7-8 months
- Step 14 will vary depending on the size of the project (a few weeks to several years.)

PCR

Statement of Requirements Components
- Faculty/Staff
- FF&E
- Infrastructure
- Backfill, Other Second Order Impacts
- New Space, Remodeling
- Building Operations and Maintenance
UNIVERSITY OF ALASKA
ANCHORAGE

PROJECT CHANGE REQUEST

Name of Project: PWSCC Wellness Center/ Campus Renewal
Project Type: Deferred Maintenance/Repair & Renovation
Location of Project: UAA, PWSCC Growden-Harrison Building, PW104, Valdez, AK
Project Number: 07-0044
Date of Request: August 23, 2013

| Total Project Cost: | $5,800,000 | (Increase of $800,000) |
| Approval Required: | FLMC |
| Prior Approvals: | Preliminary Administrative Approval | February 2009 |
| | Formal Project Approval | December 2010 |
| | Schematic Design Approval | December 2011 |

A Project Change Request (PCR) is required for all Capital Projects with a Total Project Cost in excess of $250,000.

For projects that have changes in the source of funds, increases or decreases in budget, savings to the construction budget, and/or material changes in program or project scope identified subsequent to schematic design approval shall be determined by the chief facilities officer based on the extent of the change and other relevant circumstances. This determination requires judgment, but will generally be based on the nature of the funding source, the amount, and the budgetary or equivalent scope impact relative to the approved budget at the schematic design approval stage. Any changes with an estimated impact in excess of $400,000 will require approval by the Facilities and Land Management Committee (F&LMC) or the full Board of Regents depending on the amount of the impact.

Action Requested
The Facilities and Land Management Committee approves the Project Change Request increasing the approved funding on an amount not to exceed $800,000 for the University of Alaska Anchorage Prince William Sound Community College campus Renewal and Wellness Center Renovation project as presented in compliance with the campus master plan, and authorizes the University administration to increase total project cost from $5,000,000 to an amount not to exceed a Total Project Cost of $5,800,000. This motion is effective September 26, 2013.

Project Change Request Abstract
During the renovation of the PSACC Wellness Center, the Contractor encountered numerous changed and unknown conditions that have significantly impacted the Contractor’s ability to complete the project within the original schedule. As a result, the Contractor incurred substantial extended overhead costs associated with the extended time required to maintain personnel, trailers, and equipment in Valdez. The Contractor has acknowledged some responsibility for initial management problems that contributed to the delays and has agreed to foregoing all profit on the job in exchange for the University covering his audited costs and overhead. UAA has engaged an independent auditor to establish the Contractor’s costs.
and associated overhead. Although the final audit report is still pending at the time of this request, it currently appears that the total project cost increase will not exceed $800,000.

RATIONALE AND REASONING

Background
The Growden-Harrison building was originally built shortly after the 1964 earthquake as an Elementary school and has been added onto in a piecemeal fashion in the following years. The facility has several issues that need to be addressed including hazardous material abatement; inadequate lighting; lack of ADA access. A Wellness Center is housed in the original elementary school gym. Virtually no upgrades or changes have been made to this portion of the building/campus since the college took possession of the property in 1988. In addition to the previously noted issues, inadequate electrical service allows only four of the six available aerobic exercise machines to be operated. Other deficiencies include: lack of separation between aerobics, dance and yoga from the weight and cardio equipment; water damaged ceiling; aged flooring and walls; and severely outdated shower/bathroom facilities requiring frequent maintenance.

Programmatic Need
Programming includes components that ensure education of the whole individual, blending academics with mental and physical wellness. Without renovation, this programming will certainly remain limited. In addition to providing academic wellness coursework for college students, the Wellness Center is the only health and fitness facility in the City of Valdez and provides a focal point for the community in terms of health and wellness. For PWSCC, renovation of this facility is essential to fulfilling the mission of service to students and the community.

Project Scope
This project provided for the renovation of the wellness center including demolition and replacement of existing locker room facilities, replacement of galvanized water supply lines, installation of adequate power and data, new layout of the exercise area, new energy efficient lighting and HVAC equipment and new finishes through the wellness center. Additional work included new exterior finishes on the main campus facility to create an updated entrance to the main facility and replace rotting wooden siding. The new entrance will also address future classroom expansion east of the wellness center.

Project Impacts
The project impacts related to this change request are cost impacts to the Contractor and a resulting need to increase total project cost approval. The funding for this project was from the statewide 2011 GO Bond funds.

Variances
Unfortunately, much of the building could not be accessed during design due to the asbestos containing materials. As a result, many of the unforeseen conditions encountered that might have been identified during the design process were not discovered until after the Contract was awarded and abatement was accomplished by the Contractor. The Contractor discovered additional roofing under the roofing being demolished; it contained additional asbestos material which also had to be abated. During demolition of the walls, the underlying structural connections for columns within the walls were found to be code deficient and needed to be upgraded. The as-built information for the adjacent building was askew and required changes to the structural steel that were not finalized until October, well beyond the Contractors original completion schedule for installing the steel. Underground utilities were found to be in conflict with new foundation footings. An abandoned septic tank was discovered during excavation for the lobby foundation footings. The magnitude of changes and unknown conditions that were uncovered during abatement and the inaccurate as-built information from several building additions only came to light after...
the Contractor began the work. This added work severely impacted the original work as scheduled and caused numerous delays and changes resulting in a portion of the work not being enclosed prior to winter which added additional delays and snow removal costs. The delays also caused some of the subcontracted work to conflict with the subcontractor’s original schedules and impacted their availability to do the work as the schedule slipped. As a result, the Contractor incurred substantial extended overhead costs associated with the extended time required to maintain personnel, trailers, and equipment in Valdez. Although the actual cost of performing these changes has been negotiated and paid to the Contractor as they occurred, the extended overhead and overall impact of the delays was deferred to the end of the job. The Contractor has acknowledged some responsibility for initial management problems that contributed to the delays and has agreed to foregoing all profit on the job in exchange for the University covering his audited costs and overhead. UAA has engaged an independent auditor to establish the Contractor’s costs and associated overhead. Although the final audit report is still pending at the time of this request, it currently appears that the total project cost increase will not exceed $800,000.

Total Project Cost and Funding Sources

<table>
<thead>
<tr>
<th>Funding Title</th>
<th>Fund/Org Account#</th>
<th>Original Amount</th>
<th>New Amount</th>
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<tbody>
<tr>
<td>FY11 GO Bond Fund</td>
<td>512033-17042</td>
<td>$5,000,000</td>
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<td>FY14 PWSCC Capital DM&amp;R Funding</td>
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<td><strong>Total Project Cost</strong></td>
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<td><strong>$5,000,000</strong></td>
<td><strong>$5,800,000</strong></td>
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Annual Program and Facility Cost Projections

Facilities Costs:
- Maintenance & Repair $32,250
- Operations $22,250
- Annual O&M Cost $54,500

Annual Renewal and Replacement (for new space) $36,012

**Total Annual Cost Increase Projections** $90,512

Project Schedule

**DESIGN**
- Conceptual Design August 2011
- Formal Project Approval September 2011
- Schematic Design November 2011
- Schematic Design Approval December 2011
- Construction Documents February 2012

**BID & AWARD**
- Advertise and Bid March 2012
- Construction Contract Award April 2012

**CONSTRUCTION**
- Start of Construction May 2012
- Construction Complete September 2013
- Date of Beneficial Occupancy August 2013
- Warranty Period One year

Project Delivery Method
Design-Bid-Build

Affirmation
This project complies with Regents Policy, the campus master plan and the amended Project Agreement.

**Supporting Documents**
One-page Project Budget

**Approvals**
The level of approval required for PCR shall be based upon the estimated TPC as follows:

- Changes with an estimated impact in excess of $1.0 million will require approval by the **Board** based on recommendations from the Facilities and Land Management Committee (F&LMC);
- **Changes with an estimated impact in excess of $0.4 million but not more than $1.0 million will require approval by the F&LMC.**
- The new policy language does not address approval levels between $250,000 - $400,000 for project change requests.)
## UNIVERSITY OF ALASKA

Project Name: PWSCC Wellness Center/Campus Renewal

MAU: UAA

<table>
<thead>
<tr>
<th>Building: Growden-Harrison Building, PW 104</th>
<th>Date: 8/23/2013</th>
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<tbody>
<tr>
<td>Campus: PWSCC, Valdez</td>
<td>Prepared by: H. Morse</td>
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<tr>
<td>Project #: 07-0044</td>
<td>Acct #(#s): 512033-17042, and TBD</td>
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### Total GSF Affected by Project: 10300

#### PROJECT BUDGET

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<tr>
<th></th>
<th>SDA Budget</th>
<th>Amended Budget</th>
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<tbody>
<tr>
<td>A. Professional Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advance Planning, Program Development</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consultant: Design Services</td>
<td>$400,000</td>
<td>$400,000</td>
</tr>
<tr>
<td>Consultant: Construction Phase Services</td>
<td>$40,000</td>
<td>$40,000</td>
</tr>
<tr>
<td>Consul: Extra Services (List:_____________________)</td>
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<tr>
<td>Site Survey</td>
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<tr>
<td>Soils Testing &amp; Engineering</td>
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<tr>
<td>Special Inspections</td>
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<tr>
<td>Plan Review Fees / Permits</td>
<td>$5,000</td>
<td>$5,000</td>
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<tr>
<td>Other</td>
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<tr>
<td><strong>Professional Services Subtotal</strong></td>
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<td>B. Construction</td>
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<td>General Construction Contract(s)</td>
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<td>Pending Impact Change Order</td>
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<td>Construction Contingency</td>
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<td>C. Building Completion Activity</td>
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<td>Equipment</td>
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<td>Furnishings</td>
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<td>Signage not in construction contract</td>
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<td>Move-Out Costs</td>
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<td>Move-In Costs</td>
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<td>Art</td>
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<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
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<td>OIT Support</td>
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<td>Maintenance Operation Support</td>
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<td><strong>Building Completion Activity Subtotal</strong></td>
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<td>D. Owner Activities &amp; Administrative Costs</td>
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<td>Project Plng, Staff Support</td>
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<td>F. Total Appropriation(s)</td>
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FORMAL PROJECT APPROVAL REQUEST

TO: Kit Duke
   AVP Facilities and Land Management

THROUGH: Brian Rogers
         Chancellor

THROUGH: Pat Pitney
         Vice Chancellor

THROUGH: Scott Bell, P.E.
         Associate Vice Chancellor

THROUGH: Gary Johnston
         Director

FROM: Jenny Campbell
      Sr. Project Manager

DATE: September 6, 2013

SUBJECT: Project Type: New Construction
          Project Name: Campus Wide Solar Array Installation
          Project No.: 2013065 CWSAI

cc: CWSAI (101)
Non-Academic Project Program Resource Planning Status Report
UAF Solar Array Project
Campus Master Plan Amendment & Formal Project Approval

This project was initiated through an unsolicited proposal by Siemens Industries based on findings during the Fairbanks Campus Energy Audit. This project demonstrates UAF’s commitment to sustainable energy production and a complete energy portfolio concurrent with planning for a replacement solid fuel Combined Heat and Power plant.

The Campus Master Amendment approval is required prior to Schematic Design Approval.

Milestone #0
Mission Area Analysis: (Contained in UAF AHFC Energy Audit) Date: 09/28/12
Statement of Need: (Contained in UAF AHFC Energy Audit) Date: 09/28/12

Milestone #1
SAC Review: (This is a non-academic project) Date: N/A

Milestone #2
Preliminary Administrative Approval: Date: 04/30/13

Milestone #3
Statement of Requirements: (Developed in conjunction with FPA) Date: 09/26/13

Milestone #4
Business and Financing Plan: (Currently In Development) Date: 
Operating Budget Request Date: N/A
Capital Budget Request: Date: N/A
Board Approval of FY13 Capital Budget Distribution: Date: N/A

Milestone #5
Campus Master Plan Amendment: Date: 09/26/13
Formal Project Approval: Date: 09/26/13
Schematic Design Approval: Date: 

Milestone #6
Construction Started: Date: 
Construction Completed: Date: 
Beneficial Occupancy: Date: 
Final Project Report: Date: 

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University of Alaska Program Resource Planning
Academic, Budget and Project Planning Process

1. MAU produces an Academic Mission Area Analysis (MAA) & a Statement of Need (SON) (should be contained in the MAU Program Proposal)

2. MAU produces a Program Action Request (PAR) Formerly a HEX Form

3. MAU submits to SAC for review and concurrence

4. MAU develops a preliminary Administrative Approval Request (PAA)
   Not required until after MS #3 unless MAU needs authority to spend to develop the SOR and Business/Finance Plan. Skip to step 6.

5. President approves PAA

6. MAU produces a Statement of Requirements (SOR)

7. MAU develops MAA, SON and SOR and BOR Academic and Student Affairs Committee for approval

8. MAU develops Business and Financing Plan


10. President, FLMC and BOR approval of operating and capital budgets, and LRP

11. Governor and Legislature Action

12. UA BOR accepts Appropriated Budgets

13. Board of Regents Project Approval Process

14. Project Agreement Formal Project Approval Schematic Design Approval Change Requests Project Bid/Award Reports Final Project Report

Project Type
- Construction - New or Expansion, Large R&R
- Infrastructure - New or Expansion
- Deferred Maintenance and Small R&R Projects

Process Ends

Statement of Requirements Components
- Faculty/Staff
- FF&E
- Infrastructure
- Backfill, Other Second Order Impacts
- New Space, Remodeling
- Building Operations and Maintenance
- Process Milestones
  - BOR Board of Regents
  - MAU Major Academic Unit
  - SAC Statewide Academic Council

Time Frames
- Steps 1-3 may require 1-9 months
- Steps 4-7 may require 1-3 months
- Steps 8-13 generally require 7-8 months
- Step 14 will vary depending on the size of the project (a few weeks to several years.)
FORMAL PROJECT APPROVAL

Name of Project: Campus Wide Solar Array Installation
Project Type: New Construction
Location of Project: UAF, Fairbanks Campus, Campus Wide, Fairbanks
Project Number: 2013065 CWSAI
Date of Request: September 6, 2013

| Total Project Cost: | $4,000,000 |
| Approval Required:  | FLMC       |
| Prior Approvals:    | Preliminary Administrative Approval April 30, 2013 |

A Formal Project Approval (FPA) is required for all Capital Projects with a Total Project Cost in excess of $250,000.

FPA represents approval of the Project including the program justification and need, scope, the total project cost, and the funding and phasing plans for the project. Requests for formal project approval shall include a signed project agreement or facilities pre-design statement, the proposed cost and funding sources for the next phase of the project and for eventual completion of the project, and a variance report identifying any significant changes in scope, budget, schedule, deliverables or prescriptive criteria associated with a design-build project, funding plan, operating cost impact, or other cost considerations from the time the project received preliminary administrative approval. It also represents authorization to complete project development through the schematic design, targeting the approved scope and budget, unless otherwise designated by the approval authority.

Action Requested
The Facilities and Land Management Committee approves the Formal Project Approval request for the University of Alaska Fairbanks Campus Wide Solar Array Installation as presented in compliance with the amended campus master plan, and authorizes the university administration to proceed through Schematic Design. This motion is effective September 26, 2013.

Project Abstract
This project proposes to build a 1MWde photovoltaic solar array in the field south of the Butrovich Building and west of the new terrain park, as seen in the attached plan. The array will consist of pole mounted fixed angle stationary or rotating solar panels.

The generated power from the array can be captured through one of two methods: either by directly tying into the UAF electrical grid or by connecting to GVEA’s grid. The preferred capture method is still being considered.
RATIONALE AND REASONING

Background:
The university received an unsolicited proposal from Siemens Industries, Inc., in May 2012, to provide UAF with up to One Mega Watt Direct Current (1MWdc) of solar power via a Power Purchase Agreement (PPA). When this proposal was received, UAF began investigating the concept of installing a large solar array on campus. UAF contracted with Siemens to scope such a project to determine its viability in terms of cost, solar output, aesthetics and palpalibility to the campus and Fairbanks community. UAF has been exploring power banking options with Golden Valley Electric Association (GVEA) as part of cost studies as well as coordinating with the Alaska Center for Energy and Power (ACEP) regarding the most cost effective and efficient methods of solar array installation connections to electrical grids.

In June 2013, UAF asked the Board of Regents’ Facilities and Land Management Committee (FLM) for formal project approval. The FLM Committee approved the request and placed it on the consent agenda for full Board consideration. The full Board denied the request, expressing concerns regarding cost and aesthetics that needed to be studied. Since that meeting, UAF has worked to address the Board’s concerns so the approval could be presented again in September 2013. Through this process, UAF has made significant progress and is able to present answers to the concerns raised.

Programmatic Need
The needs addressed in this project affect all units on campus. Power generation is costly in Alaska and UAF requires more electrical power than it can produce, creating a reliance on the fluctuating power costs of the local utility. The university currently purchases 7.3 percent of its electrical needs from GVEA. The proposed 1MWdc solar array will be able to offset more than 20 percent of the currently purchased power, at a rate fixed at the time of installation. Fuel oil prices in Fairbanks have tripled in the last eight years and the cost of electricity has doubled. Fixing the university’s power costs into the future will help UAF in the financial planning of the institution.

Additionally, this project demonstrates UAF’s commitment to sustainable energy production and a complete energy portfolio concurrent with planning for a replacement solid fuel Combined Heat and Power plant.

Strategic Importance
This project supports the student sustainability initiative begun in 2009. The basic purpose of the initiative is to bring awareness of sustainable practices to the campus with greener purchasing, installation of alternative energy systems and sustainable programs. This project is directly aligned with the initiative by helping to reduce the campus’ reliance on fossil fuels in favor of renewable energy. To show its support for the project, the Office of Sustainability and the Review of Infrastructure, Sustainability and Energy (RISE) Board have committed an annual appropriation of $25,000 to the project for the duration of the student sustainability fees the student body imposed on themselves in 2009.

The university is currently in the permitting process for a new solid fuel Combined Heat and Power plant to replace the existing 1960s-era Atkinson Power Plant. During the permitting process for a new coal fired plant, UAF believes it is vital to show the public its continued commitment to the investigation and implementation of renewable energy generation such as solar and wind. The installation of this solar power generation field is the first demonstration of UAF’s commitment to the public that it is serious about creating a complete energy portfolio.

Installing a solar array of this magnitude at UAF’s northern latitude has research opportunities for UAF as well. A common thought is that Alaska is not a state that should look to solar as a viable alternative energy option. Currently, ACEP is studying solar power generation as a viable energy source in rural
Alaska and is helping power companies in villages determine how they can most effectively tie a solar array to islanded power plants. UAF is well suited to help ACEP study this issue with its self-contained power plant and proximity to ACEP’s headquarters. A solar project is also of interest to the university’s engineering departments and can be utilized by students as a living laboratory.

**Impact Analysis**

Constructing a solar array in this visible location will attract attention and promote goodwill within the Fairbanks community. It will demonstrate the university’s commitment to venture into alternative power generation. While the university is committed to diversifying its power generation, it is also committed to doing so in an aesthetically appealing manner. The board’s concern that the university addresses specific aesthetic issues has been considered.

Aesthetic concerns raised by Board of Regents include potential glare for aircraft and the type of fence surrounding the array. UAF submitted an Obstruction Evaluation Airport Airspace Analysis with the Federal Aviation Administration (FAA) to ensure that the project does not pose a danger to pilots or air traffic control. A formal determination by the FAA was made in August 2013. The FAA ruled that the installation of a solar array in this location poses no hazard to air navigation. A copy of the determination is attached.

Potential glare for occupants in the Butrovich Building is anticipated to be negligible. With the 45 degree tilt away from the building any potential light reflection from the panels to the occupants higher on the hill will only occur at very low sun angle conditions. Under these conditions, it is anticipated that the sun itself will be causing more natural glare to the occupants than will the array.

The array is required to be fenced for safety reasons. It is important that only authorized personnel working on the array or maintaining the grounds be within the array area. The current fence design planned for the project is designed to blend with the botanical garden and UAF farm fencing concepts for an aesthetically pleasing, yet secure enclosure. A concept of the fence design is attached.

**Project Impact**

The walking and skiing paths that run through this field will be rerouted around the array as a part of the project. The disc golf course will also require relocation to accommodate the solar array. The exact location of the disc golf course around the array will be coordinated with the campus during design. Maps for new locations of walking and skiing trails are attached.

**Project Site Considerations**

UAF considered several other locations and configurations before determining the slope below the Butrovich Building is the ideal and only practical location for a 1MWdc photovoltaic installation. These locations consisted of the following sites: 1) smaller distributed building and roof mounted solar array, 2) the wedge-shaped slope below Tanana Loop combined with land near the railroad tracks and agricultural farm with similar solar exposures, and 3) vacant land on the north side of the university. In considering these sites, they were either not cost effective per kWh, required custom engineering at each location to prevent damage to the existing facilities, were physically too far away from the campus power grid connection point, or were deemed swampy and of the wrong aspect for solar collection to been as viable options to pursue.

The wedge-shaped slope directly below the Butrovich Building and the Greenhouse and above Tanana Loop is an ideal location and orientation for the proposed 1MWdc solar array. It has a gentle 10 degree south facing slope that provides unobstructed solar exposure year round. It has been clear of any trees and brush for several decades so uneven settling due to permafrost is unlikely. In addition, UAF has already conducted geotechnical studies and core samples in numerous areas throughout the hill so the soil
conditions are well understood. Another benefit of this location is the critical proximity to the campus wide power grid located in the adjacent utilidor that transects this slope. This proximity reduces interconnection costs and line losses for this solar array.

The anticipated 4-acre footprint of the 1MWdc solar array can be built and still accommodate the new service access road on the southwest side of the Butrovich Building, a 12-foot wide ski trail corridor relocation easement along lower fence line and Tanana Loop, and an adequate buffer between the existing terrain park to the east.

The hill itself has been the site of several excavations in recent years, has had its ground cover disrupted on numerous occasions, and harbors an invasive weed, bird vetch. During construction of the array, UAF proposes to eradicate the bird vetch and vegetate the slope with native groundcover. The end result will be a hillside that provides an energy resource for the university while creating a more uniform and attractive slope. Mandatory grounds maintenance will be provided around the array during the summer to ensure a consistent appearance and proper function of the photovoltaic equipment.

Special Considerations
The 2010 UAF Campus Master Plan will require a Board of Regents’ amendment to change the land use designation of the area encompassing the solar array from “Ecosystem Research, Instruction, and Recreation” to “Renewable Resources”. The UAF Master Planning Committee passed a motion supporting this land use change in November 2012. The Campus Master Plan Amendment is being presented for approval at the September 2013 meeting.

Proposed Funding Analysis and Plan
The university has determined that installing a 1MWdc solar array on the UAF campus has many benefits. However, in order to make the project financially viable, the university believes that a competitive bidding process should be undertaken. For this reason, UAF decided to discontinue negotiations with Siemens, Inc. (as allowed under the terms of their unsolicited proposal) and initiate an RFP solicitation for the project. UAF intends to work with ACEP and a specialty consultant in writing the RFP to ensure that all critical requirements of a solar array installation are met.

UAF intends to explore various procurement and funding options such as design-bid-build, a Power Purchase Agreement (PPA), and Lease to Own (LTO) during the RFP phase. The method employed will be determined based on which method allows the university to most economically receive power from the array. Waiting to determine which procurement and funding method to employ will give the university more negotiation options with the interested developer. Prior to Schematic Design Approval, the procurement method will be determined.

The estimated total project cost determined by Siemens during the concept phase is $4,000,000. At the June 2013 meeting, the board discussed a concern regarding the cost of the power generated when compared to purchasing GVEA power. The university heard that the board will accept the project if the power costs are equal to or less than purchasing power from the utility. This is challenging in that GVEA power costs fluctuate depending on many factors outside of the university’s control. Any financial arrangement that the university undertakes for the solar array will fix the power costs at a known rate for the duration of the project payback period, at which time the cost for power would decrease significantly. During the initial payback period, and depending on GVEA’s rate fluctuations, at times the cost of solar power could be higher than GVEA but at times the cost could be lower. The university believes that a fixed, known rate, agreed to at the project inception is a logical decision.

The university is exploring another option with GVEA to ensure that the cost of solar power mimics the cost to purchase power from GVEA. UAF approached GVEA with a proposal to allow UAF to use
GVEA’s existing load banks to accept and return generated solar power from the proposed array. UAF and GVEA would enter into a net metering contract whereby power delivered by UAF to GVEA would offset power purchased from GVEA. UAF would only pay for the net power received from GVEA. UAF’s generated power would have the same value as the power purchased from GVEA. This arrangement will be explored further should the board approve this FPA and allow UAF to move to an RFP, final design and Schematic Design Approval.

Total Project Cost and Funding Sources
Total Project Cost is estimated at $4,000,000. Funding source will be dependent on the financing and partnership arrangement selected as a result of the RFP process and will be known in advance of a request for Schematic Design Approval. Under a public private partnership, the selected developer will fund the construction and UAF would pay either a lease payment or a power purchase agreement on a monthly, quarterly or annual basis. If UAF pursues this project through an alternative energy research approach, the funding would be a combination of grants and loan financing.

Annual Program and Facility Cost Projections
This project will replace existing utility purchases from GVEA at a known fixed price. The development of financing options will occur prior to seeking Schematic Design Approval.

Administration seeks a project that provides energy savings or is cost neutral, but will also evaluate projects that offer minimal increases in cost in the short-term that eliminate long-term price volatility.

Project Delivery Method
The project may be completed as a design-bid-build or as a public private partnership through the use of a PPA or a LTO between UAF and an interested developer or as a research application grant and UA financed project. The delivery method will be determined at a later date as the design progresses and UAF has a chance to explore options and weigh the risks involved with each method. When the university asks for schematic design approval, the delivery method and the reasoning behind it will be presented to the board.

Schedule for Completion

**DESIGN**
- Conceptual Design: August 2013
- Formal Project Approval: September 2013
- Schematic Design: November 2013
- Schematic Design Approval: December 2013
- Alternate Schematic Design Approval: February 2014
- Construction Documents: January 2014

**CONSTRUCTION**
- Start of Construction: May 2014
- Date of Beneficial Occupancy: September 2014

Affirmation
This project complies with Regents’ Policy and the amended Campus Master Plan.
Supporting Documents
One-page Project Budget
FAA Determination Letter Dated 8/21/2013 (w/ Sectional and Topo Maps)
Drawings
  Site Plan
  Street view of array
  Aerial view of array
  Diagram of PV panel
  UAF Monthly Electrical Consumption Graph
  UAF Yearly Electrical Consumption Graph

Approvals
The level of approval required for FPA shall be based upon the estimated TPC as follows:

- TPC > $4.0 million will require approval by the board based on the recommendations of the Facilities and Land Management Committee (FLMC).
- **TPC > $2.0 million but not more than $4.0 million will require approval by the FLMC.**
- TPC > $1.0 million but not more than $2.0 million will require approval by the Chair of the FLMC.
- TPC ≤ $1.0 million will require approval by the AVP of Facilities and Land Management.
## PROJECT BUDGET

### A. Professional Services
- Advance Planning, Program Development: $100,000
- Consultant: Design Services: $110,000
- Consultant: Construction Phase Services
- Consul: Extra Services (List: ________________)
- Site Survey
- Soils Testing & Engineering
- Special Inspections
- Plan Review Fees / Permits
- Other

**Professional Services Subtotal**: $210,000

### B. Construction
- General Construction Contract(s): $3,735,000
- Other Contractors (List: ________________)
- Construction Contingency

**Construction Subtotal**: $3,735,000

### C. Building Completion Activity
- Equipment
- Fixtures
- Furnishings
- Signage not in construction contract
- Move-Out Costs
- Move-In Costs
- Art
- Other (Interim Space Needs or Temp Reloc. Costs)
- OIT Support
- Maintenance Operation Support

**Building Completion Activity Subtotal**: $0

### D. Owner Activities & Administrative Costs
- Project Plng, Staff Support: $5,000
- Project Management: $50,000

**Owner Activities & Administrative Costs Subtotal**: $55,000

### E. Total Project Cost
**Total Project Cost per GSF**: $4,000,000

### F. Total Appropriation(s)
** DETERMINATION OF NO HAZARD TO AIR NAVIGATION **

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

- **Structure:** Solar Panel UAF PV Array
- **Location:** Fairbanks, AK
- **Latitude:** 64-51-25.00N NAD 83
- **Longitude:** 147-50-45.00W
- **Heights:**
  - 550 feet site elevation (SE)
  - 12 feet above ground level (AGL)
  - 562 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- _____ At least 10 days prior to start of construction (7460-2, Part I)
- ___X__ Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 02/21/2015 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.
NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (800) 478-3576 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (907) 271-5863. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-AAL-230-OE.

Signature Control No: 195204503-196656664 (DNE)
Robert van Haastert
Specialist
Attachment(s)
Map(s)
Solar Array Location & Preliminary Layout

Ground Mount Layout: 1 MW DC STC PV System for University of Alaska – Fairbanks
Photovoltaic Solar Module Diagrams

Note: Schematic design shown, to be finalized during final design review.
The bar chart shows the total monthly electrical consumption for UAF, based on GVEA utility meter data from 2011 to 2012. The consumption is broken down into kWh generated by UAF, kWh purchased from GVEA, and kWh from solar array.
University of Alaska Fairbanks Yearly Electrical Consumption
Total = 60,305,000 kWh/year

- 92.8% kWh Generated by UAF
- 5.7% kWh Purchased from GVEA
- 1.6% kWh from Solar Array

Based on GVEA Utility Meter Data (2011 - 2012)
FORMAL PROJECT APPROVAL REQUEST

TO: Pat Gamble  
President

THROUGH: Kit Duke  
AVP Facilities and Land Management

THROUGH: Brian Rogers  
Chancellor

THROUGH: Pat Pitney  
Vice Chancellor

THROUGH: Scott Bell, P.E.  
Associate Vice Chancellor

THROUGH: Gary Johnston  
Director

FROM: Mary Pagel P.E.  
Project Manager

DATE: August 12, 2013

SUBJECT: Project Type: Renewal and Replacement  
Project Name: Road Improvements FMATS Street Light Conversion Stage III  
Project No.: 2013016 RISLC

cc: RISLC (101)

Total Project Cost  $2,030,983

Approval Level: Full FLMC
Non-Academic Project Program Resource Planning Status Report
UAF Street Light Conversion Project – Formal Project Approval

This project is a minor Deferred Maintenance and Renewal of existing facilities. This project is a joint venture with the Alaska Department of Transportation, the Alaska Division Office of the Federal Highway Administration and the UAF campus with the goal of reducing energy consumption by street lights on the UAF campus.

Milestone #0
Mission Area Analysis: (Goal approved in UAF CMP) Date: N/A
Statement of Need: Date: N/A

Milestone #1
SAC Review: Date: N/A

Milestone #2
Preliminary Administrative Approval: Date: 10/08/12

Milestone #3
Statement of Requirements: (Developed in conjunction with FPA) Date: 09/26/13

Milestone #4
Business and Financing Plan: Date: N/A
Operating Budget Request Date: N/A
Capital Budget Request: Date: N/A
(This project is funded through Federal Grants with 10% UAF Operating Funds match.)

Milestone #5
**Formal Project Approval:** Date: 09/26/13
Schematic Design Approval: Date: ______

Milestone #6
Construction Started: Date: ______
Construction Completed: Date: ______
Beneficial Occupancy: Date: ______
Final Project Report: Date: ______
University of Alaska Program Resource Planning
Academic, Budget and Project Planning Process

Rev. 9-8-11

Source Documents:
UA Strategic and Academic Plans
MAU Strategic and Academic Plans
MAU Department Program Review/Proposal
Accreditation Reports
MAU Campus Master Plan
MAU Housing/Campus Life Strategic Plan

Will this proposal require approval by President or BOR?
YES

Is this a Deferred Maintenance (DM) or Small R&R Project?
NO

Follow MAU internal evaluation process

Is this a Deferred Maintenance (DM) or Small R&R Project?
NO

Is this Academic in nature?
YES

1. MAU produces an Academic Mission Area Analysis (MAA) & a Statement of Need (SON)
(should be contained in the MAU Program Proposal)

2. MAU produces a Program Action Request (PAR)
Formerly a HEX Form

3. MAU Submits to SAC for review and concurrence

Will it have a facilities cost component?
YES

4. MAU develops a Preliminary Administrative Approval Request (PAA)
Not required until after MS 3 unless MAU needs authority to spend to develop the SOR and Business/Finance Plan. Skip to step 6.

5. President approves PAA

6. MAU produces a Statement of Requirements (SOR)

7. Is this an Academic Program?
YES

8. MAU Develops Business and Financing Plan


10. President, FLMC, and BOR approval of operating and capital budgets, and LRP

11. Governor and Legislature Action

12. UA BOR accepts Appropriated Budgets

13. Board of Regents Project Approval Process

14. Project Agreement
Formal Project Approval
Schematic Design Approval
Change Requests
Project Bid/Award Reports
Final Project Report

14a. Board Approval of Project Plan via the June Distribution List
Change Requests
Project Bid/Award Reports
Final Report on Project Plan

Process Ends

Statement of Requirements Components

Faculty/Staff
FF&E
Infrastructure
Backfill, Other Second Order Impacts
New Space, Remodeling
Building Operations and Maintenance

Time Frames
- Steps 1-3 may require 1-9 months
- Steps 4-7 may require 1-3 months
- Steps 8-13 generally require 7-8 months
- Step 14 will vary depending on the size of the project (a few weeks to several years.)

Process Mile Stones
BOR Board of Regents
MAU Major Academic Unit
SAC Statewide Academic Council

Project Type

Construction - New or Expansion, Large R&R
Infrastructure - New or Expansion
Deferred Maintenance and Small R&R projects

FPA
FORMAL PROJECT APPROVAL

Name of Project: Roadway Improvements, Fairbanks Metropolitan Area Transportation System Street Light Conversion  
Project Type: Renewal and Replacement  
Location of Project: UAF, Fairbanks Campus, Street Lights, Fairbanks  
Project Number: 2013016 RILSC  
Date of Request: August 12, 2013  

| Total Project Cost: $ 2,030,983 |
| Approval Required: Full FLMC |
| Prior Approvals: Preliminary Administrative Approval | October 8, 2012 |

A Formal Project Approval (FPA) is required for all Capital Projects with a Total Project Cost in excess of $250,000.

FPA represents approval of the Project including the program justification and need, scope, the total project cost, and the funding and phasing plans for the project. Requests for formal project approval shall include a signed project agreement or facilities pre-design statement, the proposed cost and funding sources for the next phase of the project and for eventual completion of the project, and a variance report identifying any significant changes in scope, budget, schedule, deliverables or prescriptive criteria associated with a design-build project, funding plan, operating cost impact, or other cost considerations from the time the project received preliminary administrative approval. It also represents authorization to complete project development through the schematic design, targeting the approved scope and budget, unless otherwise designated by the approval authority.

Action Requested  
The Facilities and Land Management Committee approves the Formal Project Approval request for the University of Alaska Fairbanks Roadway Improvements, Fairbanks Metropolitan Area Transportation System Street Light Conversion as presented in compliance with the approved campus master plan, and authorizes the university administration to proceed through schematic design not to exceed a total project cost $2,030,983. This motion is effective September 26, 2013.

Project Abstract  
The Alaska Department of Transportation and Public Facilities (DOT&PF) and the Alaska Division Office of the Federal Highway Administration (FHWA) in cooperation with UAF, will convert campus roadway illumination fixtures to light emitting diode (LED) or other appropriate technology under Stage III of the Fairbanks Metropolitan Area Transportation System (FMATS) Streetlight Conversion Project.

Pilot studies conducted by the City of Fairbanks on city streetlight systems determined that over 60 percent of the City of Fairbanks’ energy consumption was due solely to the operation of its street light system. Stage I of this project replaced 1,800 city streetlight fixtures in 2010 and Stage II replaced an
additional 1,000 city streetlight fixtures. Both projects have provided for significant energy savings for the City of Fairbanks. UAF also hopes to significantly reduce campus energy consumption through Stage III of this project. An estimated 201 road luminaires may receive new fixtures as part of this project.

Strategic Importance
This project supports UAF in moving toward a greener and more cost efficient campus.

Needs Assessment
This project provides UAF with an opportunity to reduce campus infrastructure maintenance and operation costs and reduce utilities cost by converting old technology campus roadway illumination fixtures to light emitting diode (LED) or other more cost-effective technology.

Project Impact
Project impacts will be experienced during the construction phase in the form of noise, dust and use of temporary closures. The Alaska Department of Transportation is responsible for project management and will administer the construction contract. All reasonable measures and standards of care will be employed during construction to minimize project impacts.

Variances
There are no changes to the project scope since PAA. The project budget has been increased as a result of the final design cost increase resulting in a $3,782 increase to the UAF match requirement.

Special Considerations
This project is funded by a grant from the Federal Highway Administration (FHWA). The University is responsible for providing a funding match on design and construction costs. The funding match is 9.03 percent of the total project cost plus an additional 15 percent for contingency. With that, UAF’s funding match is approximately 10.4 percent of the total project cost. Per the original MOA between the University and the DOT&PF, the University agreed to pay $33,000 in matching funds for the design phase and $182,707 in matching funds for the construction phase. University matching funds have recently been adjusted to reflect the actual design cost. The current design phase match is $36,783. When the project is bid in 2014, the estimated construction cost could be adjusted and UAF’s match would also be adjusted. This investment has an approximate 6-year payback, perhaps less.

Total Project Cost and Funding Sources

<table>
<thead>
<tr>
<th>Funding Title</th>
<th>Fund Account</th>
<th>Amount</th>
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<tbody>
<tr>
<td>AK DOT&amp;PF Funding</td>
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<td>$1,811,493</td>
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<tr>
<td>FY14 UAF Operating Funds</td>
<td>515270-50216</td>
<td>$219,490</td>
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<td><strong>Total Project Cost</strong></td>
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<td><strong>$2,030,983</strong></td>
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Annual Program and Facility Cost Projections

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<th>Cost Type</th>
<th>Amount</th>
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<tr>
<td>Maintenance &amp; Repair (expected reduction)</td>
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<tr>
<td>Utilities (identify any expected reduction)</td>
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<tr>
<td><strong>Total Annual O&amp;M Cost Savings</strong></td>
<td><strong>$34,000</strong></td>
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Project Schedule

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<thead>
<tr>
<th>DESIGN</th>
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</thead>
<tbody>
<tr>
<td>Conceptual Design</td>
<td>July 2013</td>
</tr>
<tr>
<td>Formal Project/Schematic Design Approval</td>
<td>September 2013</td>
</tr>
<tr>
<td>Schematic Design and Construction Documents Completed</td>
<td>March 2014</td>
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</table>
BID & AWARD
Advertise and Bid March 2014
Construction Contract Award June 2014

CONSTRUCTION
Start of Construction July 2014
Construction Complete October 2014
Date of Beneficial Occupancy N/A
Warranty Period 1 Year

Project Delivery Method
Design-Bid Build is the project delivery method selected by the Alaska Department of Transportation and Public Facilities.

Affirmation
This project complies with Regents’ Policy and the campus master plan.

Supporting Documents
One-page Budget, prepared by DOT&PF Estimated Design Fee
One-page Budget prepared by DOT&PF Actual Design Fee
Drawings: Overall Plan (E001)
    Section 1 (E101)
    Section 2 (E102)
    Section 3 (E103)
    Section 4 (E104)
    Section 5 (E105)
    Section 6 (E106)
    Section 7 (E107)
    Section 8 & 9 (E108)
    Details (E201)

Approvals
The level of approval required for FPA shall be based upon the estimated TPC as follows:

- TPC > $4.0 million will require approval by the board based on the recommendations of the Facilities and Land Management Committee (FLMC).
- **TPC > $2.0 million but not more than $4.0 million will require approval by the FLMC.**
- TPC > $1.0 million but not more than $2.0 million will require approval by the Chair of the FLMC.
- TPC ≤ $1.0 million will require approval by the AVP of Facilities and Land Management.
**FMATS Street Light Conversion, Stage III: DOT & PF**

**2013016 RISLC**

**PROJECT BUDGET**

*(Estimated Design Fee)*

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
<th>Notes</th>
<th>Estimate source</th>
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</thead>
<tbody>
<tr>
<td>Design</td>
<td>$141,000</td>
<td>Performed by a consultant managed by UAF</td>
<td>Mary Pagel, PM/UAF DDC</td>
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<td>Owner Activities</td>
<td>$36,500</td>
<td>UAF management and administrative costs</td>
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<td>ADOT&amp;PF Environmental Document</td>
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<tr>
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</table>

**Estimated Total** $243,637

**UAF match (9.03%)** $22,000

**UAF Phase II Contingency (50% x 9.03%)** $11,000

**Total UAF Phase 2 Match** $33,001

**PHASE IV**

<table>
<thead>
<tr>
<th>Item</th>
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<th>Estimate source</th>
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<tr>
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<tr>
<td>Construction Engineering 15%</td>
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<td>Performed by ADOT &amp; PF</td>
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<td>Construction + CENG</td>
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**Estimated Total** $1,759,424

**UAF match (9.03%)** $158,876

**UAF Phase IV Contingency (15% x 9.03%)** $23,831

**Total UAF Phase IV Match** $182,707

**Total Project Cost** $2,003,061

**Total UAF Match** $215,708
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<tr>
<td>Indirect Cost Allocation Plan (ICAP) 4.79%</td>
<td>$11,137</td>
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</tbody>
</table>

**Estimated Total** $271,559

UAF match (9.03%) $24,522
UAF Phase II Contignecy (50% x 9.03%) $12,261

**Total UAF Phase 2 Match** $36,783

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<tr>
<th>Item</th>
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<th>Estimate source</th>
</tr>
</thead>
<tbody>
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<tr>
<td>Construction Engineering 15%</td>
<td>$219,000</td>
<td>Performed by ADOT &amp; PF</td>
<td>Jeff Organek, PM/ADOT &amp; PF</td>
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<tr>
<td>Construction + CENG</td>
<td>$1,679,000</td>
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</tr>
<tr>
<td>Indirect Cost Allocation Plan (ICAP) 4.79%</td>
<td>$80,424</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Estimated Total** $1,759,424

UAF match (9.03%) $158,876
UAF Phase IV Contignecy (15% x 9.03%) $23,831

**Total UAF Phase IV Match** $182,707

**Total Project Cost** $2,030,983

**Total UAF Match** $219,490
UAA Alaska Airlines Center Information Item

On August 13th a meeting was facilitated by Kittelson & Assoc. with the MOA Traffic Department, UAA, Providence Hospital, and APU to discuss the Traffic Management Plan that will need to be in place prior to final occupancy of the Arena. Good input was received by all parties and Kittelson will be targeting a December completion for an Approved plan. With the agreement for Approval to Construct received on July 3rd from DOTPF the work along Elmore Road has begun in earnest. Following the submittal reviews, a 700 ft. stretch of Elmore was closed on Aug. 12th, the major utility companies have all completed their relocations and new infrastructure services, and the civil subcontractor is anticipating completion of the new roundabout by early September.

Eleven contract modifications have now been issued and fully executed since reconciliation of the final $86M GMP contract. Total GMP contract currently stands at approximately $87.5M. The bid documents included a total of over 40 Additive Alternates. These alternates have been prioritized by the Athletic Dept. and the project Team and, to date, 11 of the Level 1, 2, & 3 priority items have been added into the project including: partial key card access control system; Auxiliary Gym divider curtain; replacing bleacher seating in portions of the performance gym; and build-out of the Green Room as well as the cheerleader locker rooms. Additional alternates will be incorporated into the project as construction progresses and remaining construction contingency funds can be released back into the project. An amendment has also been executed with the architect to include the design for all Tier 1 Graphics work. Once complete, these items (like the Additive Alternates) will be selectively added into the project as funds become available.

Cooling well reinjection submittals are still being reviewed by the DNR and a final decision/approval has been promised by the end of August. Preliminary indications are that the reinjection wells will be ultimately approved but DNR will request more water testing/reporting than current policy dictates.

The interior concrete is complete throughout the building including the Aux. Gym and Gymnastics slabs on grade, performance gym camera boxes, as well as the equipment access infill along the west side of the building. All exterior framing, insulated panel systems, are complete and the zinc and aluminum siding installation has begun. Roofing installation is now complete and the windows are expected to begin by early September. Painting is complete for the performance gym ceiling and catwalks, and priming continues throughout the basement corridors. Mechanical/Electrical rough-in continues throughout the building but predominately in the upper levels, and the boilers and air handling equipment are expected to be providing temporary building heat by early October.

Overall percentage of construction completion is approximately 60%.

The current schedule for completion is:

<table>
<thead>
<tr>
<th>Planning &amp; Design:</th>
<th>Construction:</th>
</tr>
</thead>
</table>

| Occupancy: | |
|------------| |
| August 2014 | |
UAA Engineering and Industry Building Project Information Item

The Construction Manager at Risk (CMAR) pre-construction services contract for the UAA School of Engineering Building was issued to Neeser Construction of Anchorage, Alaska, in October 2012. The project components included in the CMAR contract include the new four-story, 75,000+ gross square foot laboratory/classroom building and the renovation of the existing three-story, 40,000 gross square foot engineering building.

The approved FY 14 capital budget included $15 million for the UAA engineering building, increasing the total available funding to $77.4 million. With the available funding, UAA focused efforts on construction of the new building. The available funding is sufficient to complete the building, but additional funding will be required for furnishings and equipment.

With efforts focused on the construction of the new building, discussions centered on the development of three (3) Guaranteed Maximum Price (GMP) packages. GMP package #1 includes site work, underground utilities including water, sewer, gas, electric and telecommunications, and structural steel. GMP package #2 includes concrete work, mechanical/electrical/plumbing under-slab, and installation of mechanical/electrical equipment. The final GMP package, GMP package #3 will include work to complete the building including miscellaneous metal studs/structural steel, interior walls, complete mechanical/electrical/plumbing systems, interior finishes, etc. for a complete and usable facility. Neeser has been issued a NTP for GMP #1 and GMP #2. Reconciliation and negotiation meetings for GMP #3 are scheduled for September 9-11, 2013.

The UAA property near Lake Otis and Providence Drive has been identified for use for contractor employee parking, material and equipment staging for the new building construction. The property is screened by vegetation on the north and west sides for concealment; the property is in close proximity to the project construction site. Site preparation began August 17, 2013 and is estimated to be completed by mid-September.

The current schedule for construction of the new building is as follows:

<table>
<thead>
<tr>
<th>Design Review:</th>
<th>New Building</th>
<th>November 2012-June 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permit (New Bldg)</td>
<td>Fill &amp; Grade</td>
<td>April 2013</td>
</tr>
<tr>
<td></td>
<td>Footings/Foundation</td>
<td>April-May 2013</td>
</tr>
<tr>
<td></td>
<td>Structural Steel</td>
<td>August 2013</td>
</tr>
<tr>
<td></td>
<td>Full Building</td>
<td>September 2013</td>
</tr>
<tr>
<td>Occupancy</td>
<td>New Building</td>
<td>August 2015</td>
</tr>
</tbody>
</table>
Design and construction services for the parking structure were not included in the CMAR contract. The parking structure will be accomplished using the design-bid-build delivery system. Based on the priority of using available funding to construct the new building the construction schedule for the parking structure and the renovation of the existing building have been deferred pending additional funding:

### Parking Garage

<table>
<thead>
<tr>
<th></th>
<th>Original Schedule</th>
<th>Current Schedule</th>
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</thead>
<tbody>
<tr>
<td>Design:</td>
<td>February 2012-March 2013</td>
<td>February 2012-March 2013</td>
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<tr>
<td>Permit:</td>
<td>April 2013</td>
<td>April 2014</td>
</tr>
<tr>
<td>Occupancy</td>
<td>March 2014</td>
<td>August 2015</td>
</tr>
</tbody>
</table>

### Existing Building Renovation

<table>
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<th>Current Schedule</th>
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</thead>
<tbody>
<tr>
<td>Design:</td>
<td>July 2013-June 2014</td>
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<tr>
<td>Permit:</td>
<td>July 2014</td>
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<tr>
<td>Construction:</td>
<td>August 2015-July 2016</td>
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<tr>
<td>Occupancy</td>
<td>August 2016</td>
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</tbody>
</table>
UAA Public Art Selection Information Item

Chris Turletes, associate vice chancellor for facilities and campus services, will present the second piece of artwork that has been selected for purchase in association with the UAA Conoco Phillips Integrated Science Building capital construction project to the board for comment. This is an information and discussion item; no action is required.

POLICY CITATION

In accordance with Regent’s Policy 05.12.100;

A. The university supports the Alaska State Council for the Arts and its public art program and has adopted the following goals for art in university facilities and other spaces:
   1. to be an educational resource for art to university students, employees, and visitors;
   2. to link, through imagery and symbolism, the art with the activities of a campus and its facilities;
   3. to foster Alaskan art and encourage Alaska's artists and craftsmen;
   4. to include representatives of the community, the campus, and occupants of the facility in the selection of art to be displayed; and
   5. to include separately identifiable amounts in accordance with P05.12.010, in all budgets for capital renewal and new capital construction at the university regardless of funding source.

B. The selection of artwork purchased with capital appropriations and the acceptance of donations of major works of art will be governed by university regulation. Selections or acceptances of works of art valued at more than $100,000 will be referred to the board for comment before final approval by the appropriate chancellor and the president.
MEMORANDUM

TO: Chancellor Thomas Case
THRU: Executive Vice Chancellor and Provost Elisha Baker
THRU: Vice Chancellor William Spindle
FROM: Chris Turletes, PBAC Co-Chair
DATE: August 26, 2013
SUBJECT: PBAC Facilities Recommendation to Approve Art (Piece 2 of 2) for the Conoco Phillips Integrated Science Building

1. The Facilities PBAC recommends approval for the purchase of the second of two pieces of art for the Conoco Phillips Integrated Science Building. An RFP for art was issued nationally in the fall of 2011. Over three hundred artists submitted letters of qualification and interest of which five were ultimately short listed for further proposals and development. Two additional artists were added when the sculpture was changed from an interior to an exterior piece.

2. This second piece of art is a mirror polished, marine grade stainless steel sculpture by California artist Heath Satow. The piece is approximately 17’ across x 14’-6” high x 12’ deep and consists of nearly 1,500 individual fused pieces of stainless steel with no two alike. Included are separate 2 foot “seeds” scattered around the sculpture and within the interior lobby that will house interactive proximity sensors that will control the outdoor LED lighting. The sculpture will be installed in the oval landscaped area at the south entrance into the CPISB. The piece is called “Inflorescence” and the total installed price is $500,000.

3. Facilities PBAC support the procurement of this second & final piece of art for the CPISB.

4. Chancellor Approval is requested for this increment of CPISB art procurement. Total budget for both pieces of art is approximately $650,000. The Stain Glass over the east entrance was previously presented to the BOR at the February 2013 meeting. That piece is being manufactured. IAW Regent Policy 05.12.100. Art in University Facilities and Spaces since the Art exceeds $100,000 it will be presented to the Regents for comment before final approval by the chancellor and president. With your approval we will present this to the Regents at the September 2013 BOR meeting.

Attachment:
Art Selection – Rendering Photos
http://vimeo.com/satow/inflorescence  password: uaasculpture
PUBLIC ART PROPOSAL

University of Alaska Anchorage
ConocoPhillips Integrated Science Building

INFLORESCENCE
PROPOSAL BY: HEATH SATOW

1218 S SANTA FE AVE LOS ANGELES CA 90021
626.318.5950 hs@publicsculpture.com
www.publicsculpture.com
UAF Engineering Facility Information Item

PROJECT UPDATE
ECI-Hyer/NBBJ have completed the project Contract Documents (CDs) for the remainder of the project and they are under review by UAF and the CM@Risk, Davis Constructors. The team is working through piping and ducting system layout, lab casework, and building coordination drawings. Davis Constructors has completed foundation work on 95% of the facility and prepared it for over-wintering. Steel has been erected in the basement area and the slab on deck over the basement has been poured, which allows for major mechanical and electrical work to be completed during the winter of 2013. The remainder of the steel erection, exterior skin, and roof will resume in March 2014 and be completed next summer. The remaining design elements (building completion, fit out, and occupancy) were scheduled for completion in June 2015 but due to the lack of funding, the occupancy schedule has shifted by at least six months. Two scenarios have been developed to complete the facility based on possible funding in 2014. Both scenarios require the sale of the $10 million in UA Bonds for the project by April 2014 and the remaining $38.3 million from the state in FY15 preferably all in July 2014, but at least $18.3 million from the State in FY15 Capital Appropriations (July 2014), and the remaining $20 million of the funding no later than December 2014, which would require a GO Bond.
UAF Margaret Murie (Life Sciences) Building Information Item

PROJECT UPDATE
UAF has taken full occupancy of the facility and the project is substantially completed. The facility punch list is complete and users are moved in. Classes for the Fall Semester 2013 are in session, in the new space. A ribbon cutting was held on August 22, 2013 and the building dedicated as the Margaret Murie Building.

At Schematic Design Approval, an imaging suite was included and designed to house, most notably, one to two Magnetic Resonance Imaging (MRI) machines. Since construction, UAF has actively sought imaging equipment and has secured an MRI machine on lease from the Hospital Foundation and is in the process of purchasing a portable CT Scanning machine. Space renovations and completion of support equipment, shielding, and other appurtenances associated with these two machines, as well as moving the MRI into the building, was completed by utilizing a portion of the unspent balance of Life Sciences funding.

BACKGROUND
The Murie Building (Life Sciences) provides multiuse teaching and research labs, classrooms, and office space for life science research and academic purposes. The Life Sciences project also includes expansion of utilities to West Ridge and a research greenhouse replacement.

MILESTONES
Murie Construction Start-Up April 2011
Murie Construction Completed July 15, 2013
Imaging Suite Construction September to December 2013
UAF Combined Heat and Power Plant Replacement Information Item

PROJECT UPDATE
The air permit application is being reviewed by the Alaska Department of Environmental Conservation (ADEC). The internal processes at ADEC are taking longer than anticipated and the draft permit was expected to be issued for public comment in mid-September 2013. The public comment period is 30 days. The permit can be issued 30 days after the public comment period depending on the number of comments received. This would be mid-November 2013.

Procurement documents for boilers, turbine, and air cooled condenser are being developed by the design consultant. They will not be issued until the air permit is received.

UAF plans to submit the FPA for this project at the December 2013 Board of Regents’ meeting. It would be a tentative FPA, subject to the receipt of permits.

HIGHLIGHTS FROM PREVIOUS INFORMATION ITEMS
- The estimated cost of the coal/biomass boiler plant option is $245M
- The estimated cost of a natural gas option is significantly lower, but operating costs are significantly higher. This option is not considered viable until a price and source of natural gas is identified and evaluated.
UAF P3 Student Dining Development Information Item

PROJECT UPDATE
Construction has proceeded on an accelerated schedule over the summer. The interior concrete slabs have been poured and the structural steel is erected. The exterior siding is ready to be installed. The building will be enclosed by the middle of October 2013 so the contractor can move indoors and continue working throughout the winter. Students saw a change to the south entry of the Wood Center when they returned to school this fall. The entry is larger and includes lighting upgrades to create a more inviting space for students to enter the Wood Center.
West Ridge Deferred Renewal Phase 2 Information Item

PROJECT UPDATE
At the April 2013 Board of Regents meeting; UAF submitted the Mission Area Analysis and Statement of Need (MAA/SON) to the Academic and Student Affairs Committee, demonstrating the importance of the programs housed on West Ridge. The project team has completed facility audits on the five older buildings and developed a formal database of deferred maintenance items along with a finite cost analysis for each item, and for each building as a whole. With this data, UAF has developed a long-term renovation plan for West Ridge that involves significant investment in some facilities, repurposing or demolition of others, and new space to accommodate both a space deficit and need for surge space.

With the high quantity of deferred maintenance needs in the older buildings, the best approach for renovations will be to displace most, if not all, of the occupants while the construction occurs. With only a small fraction of useable space on West Ridge available for surge during building renovations, some new space will need to be constructed. The current plan calls for approximately 120,000 square feet of new space to accommodate surge, building repurposing, and a space deficit identified in the 2010 Master Plan, and the 2013 MAA/SON.

Based on the Facility Condition Index for the older buildings, UAF recommends investment in complete renewal of Arctic Health Research, Irving 1, and Elvey as laboratory facilities for research and teaching. The existing O’Neill and Irving 2 facilities are recommended for repurposing, or demolition and new construction to support administrative, student support, research support, and classroom functions. The cost to renovate them back to labs exceeds the replacement cost of the buildings. The lab functions currently housed in the two facilities would eventually be relocated to the proposed surge facility. Through the renovations, repurposing, and surge space, UAF will accomplish a major realignment of space by department, reuniting faculty and staff that have been fragmented over the years into various buildings.

Overall, the multi-year plan will take a major investment of nearly $361M in deferred maintenance and new construction funds. The initial phases of the plan will be carried out with smaller portions of funding from FY13 and FY14 State of Alaska Deferred Renewal funds. These initial phases include relocation of the animal vivarium into the BiRD and Virology buildings, relocation of critical functions such as the Alaska Earthquake Information Center from Elvey into the West Ridge Research Building, and possibly concept design for renovations in Elvey, Irving 1 and Arctic Health Research.

BACKGROUND
The University of Alaska Fairbanks West Ridge is the portion of campus stretching west from the Reichardt Building to the Akasofu Building. Multiple buildings tallying over 830,000 gross square feet (gsf) have been constructed over the last 50 years. The facilities on West Ridge were meant to be research intensive facilities, but over the last few years, a move toward integrating
teaching into the area of concentrated research has taken place; especially with the construction of the Margaret Murie Building. The facilities on the West Ridge present a mixture of construction methods, structural frames, and life expectancies. The average age of the buildings, excluding those built in the last five years, is approximately 38 years of age. Only 10 percent of the facilities on the West Ridge have been renewed through a deferred renewal program in the last 10 years, while the current total backlog of deferred renewal remains well over $300 million. The West Ridge Deferred Maintenance project is cataloging all of the deferred renewal, code corrections, and functional obsolescence, costing out all of the work, and developing a logical phasing and funding plan that addresses both the renovation work and better alignment of program with the facility type.

SCHEDULE
The planning efforts were completed by August 2013.
UNIVERSITY OF ALASKA FAIRBANKS
West Ridge Deferred Maintenance
The West Ridge Deferred Maintenance Master Plan is intended to address major renewal or replacement necessary to bring the facilities up to standard while maintaining continuity in University of Alaska Fairbanks’ research enterprise, and increasing the integration of teaching into these facilities. The existing program deficit identified in the 2010 Campus Master Plan necessitates the development of sufficient surge space for programs displaced by renovations. Initially the project assessed the condition of each facility on the UAF West Ridge Campus, and developed logical phasing, budgetary estimates, and program space allocation.

This study builds upon the 2010 Campus Master Plan and is guided by its established goals.

- Support the integration of teaching and research.
- Enhance both the academic and student life experience.
- Improve campus access and circulation.
- Preserve and highlight the unique natural and cultural aspects of the campus.
- Enhance space quality and maximize effective utilization.
- Employ best practices in sustainability.
This Planning effort has the following components:

- A space programming effort which included interviews with UAF administrators, faculty, and staff. A 5 year planning horizon of 2017 has been used in verifying projected space deficits identified in the 2010 Campus Master Plan.

- A “DEEP LOOK” Facility Condition Survey which investigated each of the five principal and oldest research facilities on the UAF West Ridge. This investigation identified facility systems deficiencies, and developed costs to correct these deficiencies. An interactive sortable database was prepared for future UAF use in correcting these deficiencies.

- Development of a Facility Renewal Master Plan which:
  - Will provide up to date research facilities suitable to meet the needs of the world class research which occurs at UAF.
  - Co-locates currently scattered but related research groups.
  - Suggests a time development line resulting a logical sequence of activities.
  - Provides a budget level cash flow analysis based upon the time line, and estimated costs of making the necessary facility improvements.
The University of Alaska Fairbanks has historically been able to secure grant funding at levels that are well above peer institutions on a per capita basis. This success has enabled UAF to become a world class research center. Anticipated enhancements for research revenue include:

- State funded research such as UAV and Ocean Acidification.
- Research focused on the Issues of the Arctic including aerospace, climate change, and oil spill response. UAF’s position of strength in the global research market provides an advantage in securing private grants in this topic area.
- The strength of UAF’s interdisciplinary programs to attract top doctoral candidates and their associated grant funding.
- Continuation and anticipated expansion of existing programs including EPSCOR and SNAP.
- State funded Chinook Salmon Product and Decline research.
## West Ridge Research Facilities Allocation by Space Type

<table>
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<tr>
<th>Type</th>
<th>Current (ASF)</th>
<th>Adequate (ASF)</th>
<th>Need (ASF)</th>
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<td>Exhibitions</td>
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<td>Other</td>
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<td><strong>485,948</strong></td>
<td><strong>632,450</strong></td>
<td><strong>146,502</strong></td>
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- 2010 Campus Master Plan identifies a projected area deficit of approximately 183,000 ASF for Research and Open Laboratories, Animal Quarters, Hazardous Materials, Greenhouse, Meeting Areas, and Offices. The new Murie Building will provide approximately 30,000 ASF of dedicated research related space.
In the first 4 months of 2013, a DEEP LOOK condition survey was conducted of the following buildings: Elvey, O'Neill, Irving I & II, and Arctic Health Research.

This analysis included new remediation cost estimates.

Independent estimates of facility replacement and demolition costs have been developed by the Planning team.

A facility condition index (FCI) has been calculated for the highlighted buildings.

- **FCI = Renovation Cost/Replacement Cost.**
- An FCI greater than 0.70 typically merits serious replacement consideration.
- The FCI range for Elvey, O'Neill, Irving 1, and Irving 2 substantially exceed 0.70 with the following needs:
  - Full replacement of mechanical and electrical systems.
  - Full exterior envelope upgrades to meet current energy conservation goals.
  - Significant hazardous materials abatement.
  - Significant seismic and structural upgrades at Elvey and O'Neill.
- AHRB, Elvey, and Irving 1 are classified as High Program/Low Net Asset Value. O'Neill and Irving 2 are classified as Low Program/Low Net Asset Value.
- Since Akasofu, Reichardt, UA Museum of the North, West Ridge Research Building, and the Murie Building are of newer construction the FCI is assumed to be significantly below 0.70.

Less than 9,000 ASF of surge space will become available with the inclusion of the Murie Building. Much of the remediation and upgrades necessitate entire floors or buildings to be temporarily vacated during this process. Additionally, Elvey, O'Neill and Irving 2 are not ideally suited to support efficient open wet lab research configurations.
Purpose
A “deep look” facility and condition assessment survey of the Arctic Health, Elvey, Irving I, Irving II, and O’Neill buildings was conducted in January/February 2013. The survey provides a comprehensive list of physical and functional building deficiencies that is incorporated into a database that links each deficiency with an estimated cost to correct the deficiency. Together, this information can be used to determine the level of renewal or replacement of buildings and infrastructure to guide decisions for capital funding requests.

Process
• Review previous reports, drawings, and other available information
• Site investigations; room by room; broad to specific
• Compile information into one deficiency database
• Send to estimator for pricing
• Confirm FCI for each building

Database
• 1,400 total deficiencies identified
• Laboratories comprised 920 of these, or 66% of total
• Major Building Systems (Architectural, Electrical, Mechanical, Structural); plus laboratories for functionality, life safety, code, and ADA
• Deficiency, photo, and correction action
• Categories (Life Safety, ADA, Code, Energy, Deferred Maintenance, Functionality)
• Priority (Immediate (0 yrs.); Critical (1 yr.); Necessary (2-5 yrs.); Recommended (6-10 yrs.))
• Costs (Category 1 = labor & material; Category 2 = labor & material + project development cost factors
• Use – simple to sort/filter by building, system, priority, category, and its exportable to Excel
8 West Ridge Research Facilities Images

North elevation of O'Neill

Energy deficiency: Infrared Image

Lab deficiency
Obsolete equipment hoods

Mechanical deficiency
Failing pipe insulation

O'Neill interstitial space
Structural deficiency
Inadequate tie to concrete core
Un-braced suspended ceiling

Electrical deficiency
Wet pipes near panel

Deficiency Images

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9 West Ridge Research Facilities
Laboratory Deficiency Themes

- Laboratories renovated within the last 10 years support current research standards. Most of this renovation is concentrated in Arctic Health Research Building (about 36,000 gsf revitalized in 2006)
- The Mechanical, Electrical and Plumbing systems for Elvey, O’Neill, and Irving 2 do not support current wet lab research standards. Recirculated air combining lab and office areas is utilized in O’Neill and Irving 2. Elvey is better suited for dry research and office functions: the ceiling heights limit proper lab ventilation. Impurities in the water supply for O’Neill make it unfit for most research purposes. The vibration performance for O’Neill limits the type of research that can occur in the building.
- Old and worn casework is often installed incorrectly and is not seismically braced. Finishes including countertops, flooring, and ceiling tiles most likely contain hazardous materials. Old and non-code compliant equipment pose potential safety risks.
- Most labs do not adhere to ADA accessibility codes. Safety clearances between bench tops and around equipment are often insufficient. Safety showers and emergency eyewash stations are either inaccessible or missing.
- Lack of sufficient research related office space has led to lab areas either sharing or being converted to office use. Field gear and lab supplies are often located in the research lab areas due to insufficient field equipment storage space.
10 West Ridge Research Facilities Value Analysis

Net Asset vs. Program Value

1-10 scale: 1 = low/10 = high

Existing Facilities
UNIVERSITY OF ALASKA FAIRBANKS West Ridge Deferred Maintenance April 25, 2013
11 West Ridge Research Facilities Building Condition Analysis

Master Plan Time Line

UNIVERSITY OF ALASKA FAIRBANKS West Ridge Deferred Maintenance

April 25, 2013

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<td>2 Relocate ARSC WRBB to Butrovich</td>
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<td>Relocate 24/7 from Elvey to WRBB</td>
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<td>Relocate GI to temporary quarters</td>
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<td>Whole building renovation of Elvey</td>
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<td>Floor-by-floor renovation of Elvey (only if DM funding is inadequate)</td>
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<td>Relocate Admin from off temporary location to Elvey</td>
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<td>3 Relocate Library from AHRB to IARC</td>
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<td>Relocate Café from AHRB to Trailer</td>
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<tr>
<td>Convert vacated spaces in AHRB to research laboratory</td>
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<td>Relocate existing labs to converted labs and renovate major portion of AHRB</td>
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<td>4 New Laboratory Building</td>
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<td>5 Relocate SNRAS from O’Neill to AHRB</td>
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<td>Relocate SFOS from O’Neill to New Lab Bldg.</td>
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<td>Repurpose vacated O’Neill floors 2 &amp; 3 to Office &amp; Classroom</td>
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<td>Repurpose vacated O’Neill floor 1 to Field Prep &amp; Storage</td>
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<td>6 Relocate SFOS from AHRB to New Lab Bldg.</td>
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<td>7 Relocate SFOS from Irving 2 to New Lab Bldg.</td>
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<td>Replace or convert Irving 2 to non-Laboratory space for IAB/CNSM</td>
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<td>8 Relocate IAB Offices in Irving 1 to Irving 2</td>
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<tr>
<td>Renovate/convert vacated spaces in Irving 1 to research laboratory</td>
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<td>Relocate IAB Labs in West Wing of AHRB to Irving 1</td>
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<td>Renovate/convert vacated spaces in AHRB to research laboratory</td>
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Master Plan Time Line and Cash Flow

UNIVERSITY OF ALASKA FAIRBANKS West Ridge Deferred Maintenance

April 25, 2013

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UNIVERSITY OF ALASKA FAIRBANKS
West Ridge Deferred Maintenance

April 25, 2013
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Construction In-Progress Reports

Capital Project Master Schedules:
1. UAA
2. UAF
3. UAS

UAA: Procurement Method
1. Alaska Airlines Center (Seawolf Sports Arena) CMAR
2. Allied Health Renovations DBB
3. Beatrice McDonald Building Renewal DBB
4. Engineering and Industry Building CMAR
5. Engineering Parking Garage DBB
6. Existing Engineering Building Renewal CMAR
7. Health Campus Parking Lot DBB
8. Housing Security Systems Upgrade DBB
9. MAC Housing Renewal CMAR
10. Natural Science Building Renovation DBB
11. KPC Career and Technical Center DBB
12. KPC Generator DBB
13. KPC Soil Remediation DBB
14. KPC Student Housing DBB
15. Mat-SU JKB Science Lab Renewal DBB
16. Mat-Su Valley Center for Arts & Learning DBB
17. PWSCC Wellness Center Renovation & Campus Renewal DBB

UAF: Procurement Method
1. Antenna Installation Alaska Satellite Facility DBB
2. Atkinson Power Plant Renewal DBB
3. Arctic Health Lab Revitalization DBB
4. Butrovich Sidewalk Replacement DBB
5. Butrovich Retaining Wall Replacement DBB
6. Campus-wide ADA Guidelines Compliance DBB
7. Campus-wide Elevator Upgrades and Replacements DBB
8. Campus-wide Energy Upgrades Fairbanks Campus SS
9. Campus-wide Roof Replacements DBB
10. Critical Electrical Distribution Renewal Phase 2 CMAR
11. Cutler Apartment Retaining Wall DBB
12. Engineering Facility
13. Fine Arts Vapor Barrier
14. Harper Building Interior Upgrades
15. Lower Campus Space Reallocation
16. Margaret Murie Life Sciences Research and Teaching Facility
17. Student Dining Development
18. Taku Parking Lot Stairs
19. Utilities Main Waste System Line Repairs
20. Utilities Wood Center Vault
21. West Ridge Steam Capacity Expansion
22. Campus-wide Rural Energy Upgrades
23. Bristol Bay Applied Sciences
24. Cold Climate Housing Research Center
25. Kuskokwim Campus Classroom Expansion
26. Kuskokwim Campus HVAC
27. Northwest Campus Library Remodel
28. Poker Flats Redstone Antenna Pad Construction
29. Research Vessel Sikuliaq
30. Seward Marine Center Tenant Improvements
31. Toolik Field Station 2012 Capital Improvements

UAS:
1. Auke Lake Way Corridor Improvements and Reconstruction
2. Freshman Student Housing Phase 1 (Banfield Hall Addition)
3. Ketchikan Life Boat Davis Construction
4. Sitka Art Room Remodel

Construction Procurement Method abbreviations:
- Construction Manager at Risk (CMAR)
- Design - Bid - Build (DBB)
- Design – Build (DB)
- Not Applicable (N/A)
- Not yet Determined (N/D)
- Public Private Partnership (P3)
- Sole Source (SS)

Construction in Progress Report abbreviations:
- Construction Award Amount (CAA$)
- Construction Manager at Risk (CMAR or CM@R)
- Deferred Maintenance and Renewal (DM&R)
- Formal Project Approval (FPA)
- Preliminary Administrative Approval (PAA)
- Project Change Request (PCR)
- Schematic Design Approval (SDA)
- Total Project Cost (TPC$)
### As of August 30, 2013

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<th>Community Campus &gt; $250,000</th>
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<td>Allied Health Science</td>
<td>Phase 2 &amp; 3</td>
<td>TPC $5.7M</td>
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<td>Beatrice McDonald Renewal</td>
<td>TPC $16.5M</td>
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<td>Engineering and Industry Building</td>
<td>TPC $123.2M</td>
<td>New Building CAA $54.8 M</td>
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<td>Parking Garage CAA $19.1 M</td>
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<td>Existing Engineering Building Renewal</td>
<td>Existing Building CAA $46.5M</td>
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<td>Health Campus Parking Lot</td>
<td>TPC $1.3M</td>
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<td>Housing Security Systems Upgrade</td>
<td>TPC Phase I $1.7M</td>
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<td>MAC Housing Renewal</td>
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<td>KPC Soil Remediation</td>
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<td>KPC Student Housing</td>
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<td>MSC JKB Science Lab Renewal</td>
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<td>PW SC Virtual Learning Lab</td>
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<td>PWSCC Wellness Center/Campus Renewal</td>
<td>TPC $5.0M</td>
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### Capital Project Master Schedule

**As of August 30, 2013**

<table>
<thead>
<tr>
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<td>Antenna Installation Alaska Satellite Facility</td>
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<td>Arctic Health Lab Revitalization</td>
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<td>Campus Wide Energy Upgrades Fairbanks Campus</td>
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<td>Campus Wide Roof Replacements</td>
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<td>Cutler Hall Retaining Wall</td>
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<td>Fine Arts Vapor Barrier</td>
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<td>Harper Building Interior Upgrades</td>
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<td>Lower Campus Space Reallocation</td>
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<td>Margaret Murie – Life Sciences Research and Teaching Fac.</td>
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**Symbols:**
- Preliminary Administrative Approval
- Final Project Approval
- Project Approval (In Progress)
- Final Project/Engineering Design Approval
- Final Project/Construction Design Approval
- Final Project Completion
- Project Status

**Notes:**
- Project status updates are based on the latest information available as of August 30, 2013.
- Schedules and budgets are subject to change based on project progress and funding availability.
Project Description:
196,000 sf multi-use facility that will house a 5,000 seat performance gymnasium for basketball and volleyball; a practice and performance gym for the gymnastics program; support space consisting of a fitness and training room, administration/coaching offices, laundry, A/V production room, locker and team rooms for the basketball, volleyball, gymnastics, skiing, track, cross country and hockey programs.

Status Update: Interior concrete is complete including Aux. Gym and Gymnastics slabs; Ext. framing and insulated panels are complete and installation of zinc siding has begun; Main roofing is complete; Installation of windows scheduled to begin September; mech/elec continue throughout bldg. and permanent heat scheduled to be on by early Oct.; Elmore Road shut down August 12th and new roundabout scheduled to be complete and operational by early Sept.; Painting of Arena ceiling & catwalks is complete; freight elevator installation has begun.

PROJECT INFORMATION
Designer: MCG, Hastings-Chivetta, AMC, R&M, BBFM
CM at Risk: Cornerstone General Contractor
Board Approvals:
FPA: Feb ‘09/ June ‘11
SDA: June ‘09/ Sept ‘11
PCR: June ‘11
Total Cost: $109,000,000
Const. Cost: $87,349,000
Occupancy: July, 2014
Funding: FY09/12 Capital Appropriation
FY11 GO Bond

SCHEDULE BAR CHART
Design
Construction
0% 20% 40% 60% 80% 100% Groundbreaking: Sept. 9, 2011

For actual values refer to attached budget sheet
## UNIVERSITY OF ALASKA

**Project Name:** UAA Alaska Airlines Sports Center  
**MAU:** UAA

**Building:** Alaska Airlines Center  
**Campus:** Anchorage  
**Project #:** 10-0012  
**Date:** August 22, 2013  
**Prepared by:** S. Vanover  
**Acct #(#):** 512034 ; 564289 ; 564344

### Total GSF Affected by Project:

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### PROJECT BUDGET

#### A. Professional Services

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<td>Advance Planning, Program Development</td>
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<td>3,126,000</td>
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<td>Consultant: Design Services</td>
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<td>Consultant: Construction Phase Services</td>
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<td>Consul: Extra Services (Graphics/Furniture/Equip)</td>
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<td>Soils/Concrete Testing &amp; Engineering</td>
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<td>Special Inspections</td>
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<tr>
<td>Plan Review Fees / Permits</td>
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**Professional Services Subtotal**  

| Professional Services Subtotal                          | 9,411,000| 10,342,501          |

#### B. Construction

<table>
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<tr>
<th>Service Description</th>
<th>Budget</th>
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<tbody>
<tr>
<td>General Construction Contract(s)</td>
<td>82,655,000</td>
<td>48,467,517</td>
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<td>Other Contractors (Utilities Infrastructure)</td>
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<tr>
<td>Construction Contingency</td>
<td>7,329,000</td>
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**Construction Subtotal**  

| Construction Subtotal                                    | 90,419,000| 48,467,517          |

**Construction Cost per GSF**  

| Construction Cost per GSF                                | $461.32    | $247.28             |

#### C. Building Completion Activity

<table>
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<th>Service Description</th>
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<td>Equipment</td>
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<td>Furnishings</td>
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<td>Art</td>
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<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
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<td>OIT Support</td>
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<tr>
<td>Maintenance Operation Support</td>
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**Building Completion Activity Subtotal**  

| Building Completion Activity Subtotal                    | 4,495,000  | 6,675               |

#### D. Owner Activities & Administrative Costs

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<td>Project Plng, Staff Support</td>
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<td>Misc. Expenses: Advertising, Printing, Supplies, Etc.</td>
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**Owner Activities & Administrative Costs Subtotal**  

| Owner Activities & Administrative Costs Subtotal         | 4,675,000  | 1,533,911           |

#### E. Total Project Cost

| Total Project Cost (Project Budget)                      | 109,000,000| 60,350,604           |

**Total Project Cost per GSF**  

| Total Project Cost per GSF                              | $556.12    | Remaining Budget     |

#### F. Total Appropriation(s)

| Total Appropriation(s)                                   | 109,000,000| $48,649,396          |

---

**Sept 2013 CIP Update**
Project Description:
Phase 1—Completed in August 2012. Converted labs into teaching space. (backfill from HSB project)
Phase 2—Upgrade and renewal of mechanical systems and roof replacement.
Phase 3—Renovation of 1st floor (Excluding previously renovated Dental space).

Status Update:
Phase 2 & 3 projects were combined and was completed on time. Final inspection and walkthrough w/ consultants August 21st. CCO was issued and the CO issued following elevator inspection on Thursday, August 22nd. End users and departments are in process of occupancy. Remaining funds will be redirected to other priority DM/R&R projects.
# Allied Health Sciences Renewal, Phases 2, 3

**UNIVERSITY OF ALASKA**

**Project Name:** Allied Health Sciences Building Renovation, Phase 2 & 3  
**MAU:** UAA  
**Building:** AS114 Allied Health Bldg.  
**Campus:** UAA Main Campus  
**Project #:** 11-0110  
**Date:** 8/22/2013  
**Prepared by:** Patricia Baum  
**Acct #:** Various

| Total GSF Affected by Project: | 27,127 | 27,127 |

## PROJECT BUDGET

### A. Professional Services
- Advance Planning, Program Development
  - Consultant: Basic Services (Arch) $226,734 $170,250
  - Consultant: Extra Services (Mech) $218,823 $165,000
  - Consultant: Extra Services (Survey) $18,013 $18,013
  - HAZMAT fees $26,193 $26,193
  - Soils/Concrete Testing & Engineering $6,600 $6,600
  - Estimator $7,258 $7,258

**Elevator Recall design** $2,267  
**Restroom Renovation/Conformed Drawings** $30,245  
**Plan Review Fees / Permits**

**Professional Services Subtotal** $503,621 $425,826

### B. Construction
- General Construction Contract(s) $3,762,100 $3,172,468
- Interim space needs $56,500 $12,338
- Construction Contingency $376,450

**Construction Subtotal** $4,195,050 $3,184,806

**Construction Cost per GSF** $155 $117

### C. Building Completion Activity
- Equipment $59,034 $59,034
- Fixtures $0 $0
- Furnishings $530,000 $530,000
- Signage not in construction contract $8,000 $8,000
- Move-Out Costs $0 $0
- Move-In Costs $8,000 $8,000
- Art $0 $0
- Other (Interim Space Needs or Temp Reloc. Costs)  
- OIT Support  
- Maintenance Operation Support

**Building Completion Activity Subtotal** $597,034 $605,034

### D. Owner Activities & Administrative Costs
- Project Plng, Staff Support  
- Project Management $327,500 $350,000
- Misc. Expenses: Advertising, Printing, Supplies, Etc. $57,210 $710

**Owner Activities & Administrative Costs Subtotal** $384,710 $350,710

### E. Total Project Cost
- $5,680,415 $4,566,376

**Total Project Cost per GSF** $209 $117

### F. Total Appropriation(s)
- $5,680,415 $1,114,039

**Allied Health Sciences Building Renovation, Phase 2 3 - September 2013**

---

658
Project Description:
Complete renovation of 1970’s building on main campus. Will include HAZMAT abatement, replacement of boiler, roof, mechanical systems, electrical systems, and architectural and exterior improvements.

Status Update:
Bid was awarded on May 30, 2013 to Lakeview General Contracting, Inc. Contractor has mobilized on site and has completed Demo phase and first floor Haz Mat scope. Approximately 30% of the submittal process has been completed and reviewed. Additional Landscaping scope was added to the project in July.
**UAA Beatrice McDonald Hall Renewal**  
**Construction In Progress Budget Report**

### UNIVERSITY OF ALASKA

#### Project Name: UAA Beatrice McDonald Hall Renewal

- **MAU:** Anchorage
- **Building:** AS 103
- **Campus:** Anchorage Main Campus
- **Project #:** 08-0042
- **Date:** 8/22/13
- **Prepared by:** Patricia Baum
- **Acct #:** multi year capital funding

#### Total GSF Affected by Project:

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</table>

#### PROJECT BUDGET

**A. Professional Services**

<table>
<thead>
<tr>
<th>Description</th>
<th>Budget</th>
<th>Expenditure to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programming /Pre-Design</td>
<td>49,382</td>
<td>49,382</td>
</tr>
<tr>
<td>Schematic Design 35%</td>
<td>141,769</td>
<td>141,769</td>
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<tr>
<td>Design Development 65%</td>
<td>282,460</td>
<td>282,460</td>
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<tr>
<td>Construction Documents</td>
<td>350,285</td>
<td>152,786</td>
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<tr>
<td>Construction Administration</td>
<td>217,562</td>
<td>90,000</td>
</tr>
<tr>
<td>HazMat testing</td>
<td>100,000</td>
<td>100,000</td>
</tr>
<tr>
<td>Special Inspections</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plan Review Fees / Permits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Landscape Design</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Professional Services Subtotal</strong></td>
<td>1,141,458</td>
<td>855,368</td>
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**B. Construction**

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>General Construction Contract(s)</td>
<td>11,869,777</td>
<td>383,658</td>
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<td>Other Contractors (List:___________)</td>
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<tr>
<td>Construction Contingency</td>
<td>1,186,978</td>
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<tr>
<td><strong>Construction Subtotal</strong></td>
<td>13,056,755</td>
<td>383,658</td>
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**Construction Cost per GSF**

<table>
<thead>
<tr>
<th>Description</th>
<th>Budget</th>
<th>Expenditure to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$407.39</td>
<td>$11.97</td>
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**C. Building Completion Activity**

<table>
<thead>
<tr>
<th>Description</th>
<th>Budget</th>
<th>Expenditure to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment</td>
<td>900,000</td>
<td>345,168</td>
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<tr>
<td>Fixtures</td>
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<td></td>
</tr>
<tr>
<td>Furnishings</td>
<td>20,000</td>
<td></td>
</tr>
<tr>
<td>Signage not in construction contract</td>
<td>225,000</td>
<td>106,741</td>
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<tr>
<td>Move-Out Costs</td>
<td>225,000</td>
<td></td>
</tr>
<tr>
<td>Move-In Costs</td>
<td>120,000</td>
<td>2,500</td>
</tr>
<tr>
<td>Art</td>
<td>10,000</td>
<td>3,000</td>
</tr>
<tr>
<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
<td>10,000</td>
<td>3,000</td>
</tr>
<tr>
<td>OIT Support</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maintenance Operation Support</td>
<td></td>
<td></td>
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<tr>
<td><strong>Building Completion Activity Subtotal</strong></td>
<td>1,510,000</td>
<td>460,409</td>
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**D. Owner Activities & Administrative Costs**

<table>
<thead>
<tr>
<th>Description</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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</thead>
<tbody>
<tr>
<td>Project Plng, Staff Support</td>
<td>800,000</td>
<td>300,000</td>
</tr>
<tr>
<td>Project Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Misc. Expenses: Advertising, Printing, Supplies, Etc.</td>
<td>800,000</td>
<td>300,000</td>
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<tr>
<td><strong>Owner Activities &amp; Administrative Costs Subtotal</strong></td>
<td>800,000</td>
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**E. Total Project Cost**

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<tr>
<th>Description</th>
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<th>Expenditure to Date</th>
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<td>16,508,213</td>
<td>1,999,435</td>
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**Total Project Cost per GSF**

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<th>Description</th>
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<th>Expenditure to Date</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>$515.08</td>
<td>Remaining Budget</td>
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**F. Total Appropriation(s)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Budget</th>
<th>Expenditure to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$14,508,778</td>
</tr>
</tbody>
</table>
Project Description:
Planning, programming, design and construction of a 75,000+ gsf engineering laboratory and teaching areas not currently available on campus. The project includes: communications labs, electrical engineering labs, fluids labs, heat and mass transfer labs, soils mechanics labs, photogrammetry/cartography/GIS, seismic and earthquake labs, foundation engineering, transportation and highway engineering, land surveying, machine shop, wood shop, “dirty” yard and conferencing/collaborative learning areas. The project will also include renovation of the existing building and structured parking for the facility and any displaced parking.

BASIC PROJECT INFORMATION:
Designer: Livingston Slone, Inc.
CM@Risk: Neeser Construction
Board Approvals: FPA September 2011
SDA June 2012 (Partial)
December 2012 (Full)
Total Project Cost: $78,312,271
Construction Cost: $54,767,283
Occupancy Date: June 2015

Status Update:
The 28th Alaska State Legislature has imposed budget constraints on the proposed capital budget; UAA received $15 million of the $60.6 million requested. From previous funding support, UAA has received $62.6 million. With the available and possible funding, UAA will focus construction activities on the new building. Site work started mid-May 2013. Installation of deep underground utilities including natural gas, water, and sewer completed. Contractor coordinating installation of permanent electrical service with Municipal Light and Power; estimated completion date for electrical service is October 2013. Erection of structural steel in progress.
## UAA ENGINEERING INDUSTRY BUILDING
### New Building

### UNIVERSITY OF ALASKA

**Project Name:** UAA Engineering & Industry Building  
**MAU:** UAA  
**Building:** Engineering & Industry Building  
**Campus:** UAA Main Campus  
**Date:** 8/21/2013  
**Prepared by:** J. L. Hanson  
**Project #:** 08-0024  
**Total GSF Affected by Project:** 81,500

### PROJECT BUDGET

<table>
<thead>
<tr>
<th>PROFESSIONAL SERVICES</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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<tbody>
<tr>
<td>Advance Planning, Program Development</td>
<td>$412,750</td>
<td>$66,042</td>
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<tr>
<td>Consultant: Design Services</td>
<td>$5,016,500</td>
<td>$5,824,437</td>
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<tr>
<td>Consultant: Construction Phase Services</td>
<td>$1,968,500</td>
<td>$0</td>
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<tr>
<td>Consul: Extra Services (List:_____________________)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Survey</td>
<td></td>
<td></td>
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<tr>
<td>Soils Testing &amp; Engineering</td>
<td></td>
<td></td>
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<tr>
<td>Special Inspections</td>
<td>$219,075</td>
<td>$1,940</td>
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<tr>
<td>Plan Review Fees / Permits</td>
<td>$2,738,120</td>
<td>$194,688</td>
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<td>Other</td>
<td></td>
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<tr>
<td><strong>Professional Services Subtotal</strong></td>
<td>$10,354,945</td>
<td>$6,087,107</td>
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<table>
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<tr>
<th>CONSTRUCTION</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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<tbody>
<tr>
<td>General Construction Contract(s)</td>
<td>$54,767,283</td>
<td>$4,389,917</td>
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<tr>
<td>Other Contractors (List:______________________)</td>
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<tr>
<td>Construction Contingency</td>
<td>$5,476,728</td>
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<tr>
<td><strong>Construction Subtotal</strong></td>
<td>$60,244,011</td>
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**Construction Cost per GSF:** $739

<table>
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<tr>
<th>BUILDING COMPLETION ACTIVITY</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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<tbody>
<tr>
<td>Equipment</td>
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<tr>
<td>Fixtures</td>
<td></td>
<td>$89,142</td>
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<tr>
<td>Furnishings</td>
<td>$1,174,750</td>
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<tr>
<td>Signage not in construction contract</td>
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</tr>
<tr>
<td>Move-Out Costs</td>
<td>$158,750</td>
<td></td>
</tr>
<tr>
<td>Move-In Costs</td>
<td>$158,750</td>
<td></td>
</tr>
<tr>
<td>Art</td>
<td>$547,673</td>
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<tr>
<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
<td>$793,750</td>
<td>$26,750</td>
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<tr>
<td>OIT Support</td>
<td>$825,500</td>
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<tr>
<td>Maintenance Operation Support</td>
<td>$190,500</td>
<td>$5,705</td>
</tr>
<tr>
<td><strong>Building Completion Activity Subtotal</strong></td>
<td>$5,008,548</td>
<td>$121,597</td>
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</table>

<table>
<thead>
<tr>
<th>OWNER ACTIVITIES &amp; ADMINISTRATIVE COSTS</th>
<th>Budget</th>
<th>Expenditure to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Plng, Staff Support</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Management</td>
<td>$2,688,105</td>
<td>$269,718</td>
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<td>Misc. Expenses: Advertising, Printing, Supplies, Etc.</td>
<td>$16,662</td>
<td>$8,162</td>
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<tr>
<td><strong>Owner Activities &amp; Administrative Costs Subtotal</strong></td>
<td>$2,704,767</td>
<td>$277,880</td>
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<table>
<thead>
<tr>
<th>TOTAL PROJECT COST</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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</thead>
<tbody>
<tr>
<td><strong>Total Project Cost</strong></td>
<td>$78,312,271</td>
<td>$10,876,501</td>
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</table>

**Total Project Cost per GSF:** $961

<table>
<thead>
<tr>
<th>TOTAL APPROPRIATION(s)</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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</thead>
<tbody>
<tr>
<td><strong>Total Appropriation(s)</strong></td>
<td>$78,312,271</td>
<td>$67,435,770</td>
</tr>
</tbody>
</table>
UAA Engineering and Industry Building
Parking Structure

BASIC PROJECT INFORMATION:

Designer: Livingston Slone, Inc.
Ayer Saint Gross

Design-Bid-Build: Contractor TBD

Board Approvals:
- FPA September 2011
- SDA June 2012 (Partial)
  December 2012 (Full)

Total Project Cost: $28,331,274
Construction Cost: $19,944,928

Occupancy Date: April 2015

Funding Source: Multi-Year Capital Funding

SCHEDULE BAR CHART

Design
Construction

0% 20% 40% 60% 80% 100%
Groundbreaking: July 2014
Occupancy: April 2015

Status Update:
UAA has received $77.4 million of the $123.2 million required to complete all components of the Engineering Building project. With the available funding, UAA will focus construction activities on the new building this year. The construction of the parking structure will be delayed at least one year pending funding availability.

For actual values refer to attached budget sheet
## UNIVERSITY OF ALASKA

### Project Name: UAA Engineering & Industry Building

**MAU: UAA**

**Building:** Parking Structure  **Date:** 8/22/2013  **Prepared by:** J. L. Hanson  **Project #:** 08-0024  **Acct #:**

**Total GSF Affected by Project:** 204,000

### PROJECT BUDGET

<table>
<thead>
<tr>
<th>Category</th>
<th>Budget</th>
<th>Expenditure to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Professional Services</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advance Planning, Program Development</td>
<td>$150,150</td>
<td>$66,041</td>
</tr>
<tr>
<td>Consultant: Design Services</td>
<td>$1,824,900</td>
<td>$1,865,857</td>
</tr>
<tr>
<td>Consultant: Construction Phase Services</td>
<td>$716,100</td>
<td>$0</td>
</tr>
<tr>
<td>Consul: Extra Services (List:____________________)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Survey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soils Testing &amp; Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Inspections</td>
<td>$79,695</td>
<td>$0</td>
</tr>
<tr>
<td>Plan Review Fees / Permits</td>
<td>$996,072</td>
<td>$0</td>
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<tr>
<td>Other</td>
<td></td>
<td></td>
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<tr>
<td><strong>Professional Services Subtotal</strong></td>
<td>$3,766,917</td>
<td>$1,931,898</td>
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<td><strong>B. Construction</strong></td>
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<tr>
<td>General Construction Contract(s)</td>
<td>$19,044,928</td>
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</tr>
<tr>
<td>Other Contractors (Site Clearing, Temp. Bldg. Relocation)</td>
<td>$728,000</td>
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</tr>
<tr>
<td>Mallard Lane Realignment</td>
<td>$900,000</td>
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</tr>
<tr>
<td>Construction Contingency</td>
<td>$2,067,292.80</td>
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</tr>
<tr>
<td><strong>Construction Subtotal</strong></td>
<td>$22,740,221</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Construction Cost per GSF</strong></td>
<td>$111</td>
<td></td>
</tr>
<tr>
<td><strong>C. Building Completion Activity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment</td>
<td>$50,000</td>
<td>$0</td>
</tr>
<tr>
<td>Fixtures</td>
<td>$50,000</td>
<td>$0</td>
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<tr>
<td>Furnishings</td>
<td>$50,000</td>
<td>$0</td>
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<tr>
<td>Signage not in construction contract</td>
<td>$100,000</td>
<td>$0</td>
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<tr>
<td>Move-In Costs</td>
<td>$200,000</td>
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<tr>
<td>Art</td>
<td>$300,300</td>
<td>$0</td>
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<tr>
<td>OIT Support</td>
<td>$161,675</td>
<td>$0</td>
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<tr>
<td>Maintenance Operation Support</td>
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<tr>
<td><strong>Building Completion Activity Subtotal</strong></td>
<td>$861,975</td>
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<tr>
<td><strong>D. Owner Activities &amp; Administrative Costs</strong></td>
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<tr>
<td>Project Plng, Staff Support</td>
<td>$996,100</td>
<td>$78,284</td>
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<td>Project Management</td>
<td>$6,061</td>
<td>$913</td>
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<td>Misc. Expenses: Advertising, Printing, Supplies, Etc.</td>
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<tr>
<td><strong>Owner Activities &amp; Administrative Costs Subtotal</strong></td>
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</tr>
<tr>
<td><strong>E. Total Project Cost</strong></td>
<td>$28,371,274</td>
<td>$2,011,095</td>
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<tr>
<td><strong>Total Project Cost per GSF</strong></td>
<td>$139</td>
<td>Remaining Budget</td>
</tr>
<tr>
<td><strong>F. Total Appropriation(s)</strong></td>
<td>$28,371,274</td>
<td>$26,360,179</td>
</tr>
</tbody>
</table>

### Notes

- **MAU:** UAA  
- **Date:** 8/22/2013  
- **Prepared by:** J. L. Hanson  
- **Project #:** 08-0024  
- **Acct #:**

- **Total GSF Affected by Project:** 204,000

- **PROJECT BUDGET**
  - **Professional Services**
    - Advance Planning, Program Development: $150,150, $66,041
    - Consultant: Design Services: $1,824,900, $1,865,857
    - Consultant: Construction Phase Services: $716,100, $0
    - Consul: Extra Services: $0
    - Site Survey: $0
    - Soils Testing & Engineering: $79,695, $0
    - Plan Review Fees / Permits: $996,072, $0
    - Other: $0
    - **Professional Services Subtotal:** $3,766,917, $1,931,898
  - **Construction**
    - General Construction Contract(s): $19,044,928, $0
    - Other Contractors: $728,000
    - Mallard Lane Realignment: $900,000
    - Construction Contingency: $2,067,292.80, $0
    - **Construction Subtotal:** $22,740,221, $0
    - **Construction Cost per GSF:** $111
  - **Building Completion Activity**
    - Equipment: $50,000, $0
    - Fixtures: $50,000, $0
    - Furnishings: $50,000, $0
    - Signage not in construction contract: $100,000, $0
    - Move-In Costs: $200,000, $0
    - Art: $300,300, $0
    - OIT Support: $161,675, $0
    - Maintenance Operation Support: $0
    - **Building Completion Activity Subtotal:** $861,975, $0
  - **Owner Activities & Administrative Costs**
    - Project Plng, Staff Support: $996,100, $78,284
    - Project Management: $6,061, $913
    - Misc. Expenses: Advertising, Printing, Supplies, Etc.: $300,300, $0
    - **Owner Activities & Administrative Costs Subtotal:** $1,002,161, $79,197
  - **Total Project Cost:** $28,371,274, $2,011,095
    - **Total Project Cost per GSF:** $139, Remaining Budget
  - **Total Appropriation(s):** $28,371,274, $26,360,179
BASIC PROJECT INFORMATION:

Designer: Livingston Slone, Inc.
Ayer Saint Gross

CM@Risk: Neeser Construction

Board Approvals:
FPA September 2011
SDA June 2012 (Partial)
December 2012 (Full)

Total Project Cost: $16,556,455
Construction Cost: $11,530,190

Occupancy Date: June 2016

Funding Source: Multi-Year Capital Funds

Status Update:
The consultant and CMAR contractor have conducted preliminary site visits for scope of work development. Concept development and design are pending funding availability. Building renovation is anticipated to start in April 2015 with occupancy scheduled July 2016.
**UNIVERSITY OF ALASKA**

**Existing Building Renewal**

---

**Project Name:** UAA Engineering & Industry Building  
**MAU:** UAA  
**Building:** Engineering Building (Existing), AS121  
**Campus:** UAA Main Campus  
**Project #:** 08-0024  
**Total GSF Affected by Project:** 40,000

### PROJECT BUDGET

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td><strong>Professional Services</strong></td>
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<tr>
<td>Advance Planning, Program Development</td>
<td>$87,100</td>
<td>$0</td>
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<tr>
<td>Consultant: Design Services</td>
<td>$1,058,600</td>
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<td>Consultant: Construction Phase Services</td>
<td>$415,400</td>
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<td>Consul: Extra Services (List:____________)</td>
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<tr>
<td>Site Survey</td>
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<tr>
<td>Soils Testing &amp; Engineering</td>
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<td>Special Inspections</td>
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<td>Plan Review Fees / Permits</td>
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<td>Other</td>
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<td><strong>Professional Services Subtotal</strong></td>
<td>$2,185,138</td>
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<td><strong>Construction</strong></td>
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<td>General Construction Contract(s)</td>
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<td>Other Contractors (List:_______________)</td>
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<td>Construction Contingency</td>
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<td><strong>Construction Subtotal</strong></td>
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<td><strong>Construction Cost per GSF</strong></td>
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<td></td>
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<tr>
<td>Equipment</td>
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<td>Fixtures</td>
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<tr>
<td>Furnishings</td>
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<tr>
<td>Move-Out Costs</td>
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<td>$0</td>
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<tr>
<td>Move-In Costs</td>
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<td>$0</td>
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<tr>
<td>Art</td>
<td>$115,327</td>
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<tr>
<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
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<td>OIT Support</td>
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<td>Maintenance Operation Support</td>
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<tr>
<td><strong>Building Completion Activity Subtotal</strong></td>
<td>$1,056,677</td>
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<td><strong>Owner Activities &amp; Administrative Costs</strong></td>
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<td></td>
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<td>Misc. Expenses: Advertising, Printing, Supplies, Etc.</td>
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<td><strong>Total Project Cost per GSF</strong></td>
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<td><strong>Total Appropriation(s)</strong></td>
<td>$16,556,455</td>
<td>$16,556,455</td>
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</tbody>
</table>
UAA Health Campus Parking

**Project Description:**
The UAA Health Campus Parking project consists of the construction of 63 paved surface parking spaces which are to be located northwest of the existing Health Sciences Building Parking Area.

**Schedule:**
- Planning & Design: Jan, 2013- June, 2013

**Total Project Cost:**
- TPC$ 1,285,165
- CAA$ 493,562

**Project Team:**
- Design Team: Livingston Slone, Inc.
- General Contractor: Prosser-Dagg Construction

**Board of Regents Approval & Motions:**
- Preliminary Admin Approval: 1/22/13
- Formal Project Approval: 2/21/13
- Schematic Design Approval: 5/2/13

**Status Update:**
A Conditional Certificate of Occupancy was issued on August 23, 2013. Final landscaping and Shuttle Stop relocation are in progress. Final Contract Close-out is in progress. It is anticipated that a PCR to transfer remaining project funds to the HSB Pedestrian Bridge Project, now under design, may be required.

This will be the final report on this project.
Project Description:
Replacement of approximately 1,000 obsolete door locks in North, East, and West Halls, as well as the associated software system required to control it. The project has added scope to include replacement of the security system for Templewood Apartments, as well as the 6 MAC Housing apartment buildings.

Schedule:
- Planning & Design: SEP 2012 - OCT 2012
- Advertising & Award: OCT 2012 - NOV 2012
- Construction: DEC 2012 - OCT 2013

Total Project Cost:
- TPC: $ 2,086,268
- CAA: $ 1,026,998
- CCA: $ 1,959,819

Project Team:
- Design Team: AMC
- General Contractor: Johnson Controls Incorporated

Board of Regents Approval & Motions:
- Preliminary Admin Approval: JUL 2012
- Formal Project Approval: OCT 2012
- Schematic Design Approval: NOV 2012
- Project Change Requests: JUN 2013

Status Update:
The initial scope to complete the North, East, and West Halls is complete. The additional scope to add the Templewood Apartments is complete. The additional scope to add MAC Housing will begin installation in September 2013, and complete in October. When complete, all of UAA Anchorage housing will be operating on the new security system.
UAA MAC Housing Renewal

Project Description:
The project scope includes the replacement of boilers and related mechanical and electrical equipment, upgrading the Fire Alarm Panel data lines to fiber, and the correction of additional life safety issues required to occupy the buildings while alternate housing approaches are evaluated.

Schedule:
- Planning & Design: Mar 2012 - Dec 2012
- Construction: May 2013 – Sep 2013

Total Project Cost:
- TPC: $2,702,182
- CCA: $807,620
- CAA: $1,118,182

Project Team:
- Design Team: Bezek Durst Seiser
- CMAR Contractor: Watterson Construction

Board of Regents Approval & Motions:
- Preliminary Admin Approval: October 2011
- Formal Project Approval: June 2012
- Schematic Design Approval: September 2012
- Project Change Requests: April 2013

Status Update:
The contracted work to replace boilers in MAC 1, provide a new boiler in MAC 6, upgrade DDC panels, and upgrade data lines to fiber, is expected to be completed by the end of September 2013. A survey of additional life safety items to be addressed is in progress, and a GMP for this work will be negotiated.

September 2013 BOR Update
UAA Natural Science Building Renovation

Project Description:
Phase 3 completes the renovation of the Science Building. It includes the East half of the second floor, the main corridors on the 1st and 2nd floor, new elevator, and a new roof. The renovation includes 9 offices for Biology and 5 for Math, a collections room, Biology lab, LSIS lab, staff work/break room and areas for students to sit and collaborate in the hallways.

Schedule:
Planning & Design: Feb 2011-Feb 2012
Advertising & Award: March 2012
Construction: May 2012 – Dec 2012

Total Project Cost:
TPC Ph I $2,645,600
Ph 2 $5,100,000
Ph 3 $5,300,000
$13,045,600
CAA Ph 1 $1,405,729
CAA Ph 2 $3,536,000
CAA Ph 3 $2,853,000
$7,794,729

Board of Regents Approval & Motions:
Preliminary Admin Approval November 2008
Formal Project Approval April 2009
Schematic Design Approval Phase 1 Sep 2009, Phase 2 Sep 2010, Phase 3 2011
Project Change Requests Phase 3 none

Project Team:
Design Team: Architects Alaska, AMC, BBFM, EHS, Estimations
General Contractor: Watterson Construction

Status Update:
The project completed in December and the new Biology Classroom is scheduled for 13 sections. The building is fully occupied and complete. Landscaping improvements have been completed. Art committee selected two pieces of artwork, budget is $80,000.

This will be the final construction in progress report on this project.
**Project Description:**
This building will be used for the Process Technology, Instrumentation and Electronics Programs. Three large labs for instrumentation, electronics and the simulation lab and a smaller fabrication lab are the main focus of the building. The building also contains three classrooms, a small conference room, eight offices for faculty, work area for an administrative assistant, workroom/break area, and student collaborative spaces. The entire building is 19,370 gsf.

**Status Update:**
Building is complete as of August 7, 2013. Occupants are moving in and classes start August 27. The “Big Blue” process simulator is still being fabricated in place and will be complete in October. The 1st phase of the backfill is out to bid and the 2nd phase of the backfill is in design. Although current construction cost status appears low, pending invoices, change orders, art work, and backfill costs are still pending.
<table>
<thead>
<tr>
<th>Project Name: UAA KPC Career and Technical Education Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAU: UAA</td>
</tr>
<tr>
<td>Building: New</td>
</tr>
<tr>
<td>Campus: Kenai River Campus</td>
</tr>
<tr>
<td>Project #: 10-0013</td>
</tr>
<tr>
<td>Acct #: 512030, 590084, 106210 FY11</td>
</tr>
<tr>
<td>Date: 8/20/2013</td>
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<tr>
<td>Prepared by: S. Sauve</td>
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<tr>
<td>Project #: 10-0013</td>
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<tr>
<td>Acct #: 512030, 590084, 106210 FY11</td>
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<tr>
<td>Total GSF Affected by Project:</td>
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<tr>
<td>New Building: 17,054</td>
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<tr>
<td>Backfill: 9,533</td>
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</table>

**PROJECT BUDGET**

<table>
<thead>
<tr>
<th>A. Professional Services</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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</thead>
<tbody>
<tr>
<td>Advance Planning, Program Development</td>
<td>$1,180,500</td>
<td>$1,322,531</td>
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<td>Consultant: Design Services (Including Backfill)</td>
<td>$80,000</td>
<td>$52,954</td>
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<td>Consultant: Construction Phase Services</td>
<td>$50,000</td>
<td>$32,314</td>
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<tr>
<td>Site Survey</td>
<td>$</td>
<td></td>
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<tr>
<td>Soils Testing &amp; Engineering</td>
<td>$</td>
<td></td>
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<tr>
<td>Special Inspections</td>
<td>$80,000</td>
<td>$52,954</td>
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<tr>
<td>Plan Review Fees / Permits</td>
<td>$50,000</td>
<td>$32,314</td>
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<td>Other</td>
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Professional Services Subtotal $1,310,500 $1,407,799

<table>
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<tr>
<th>B. Construction</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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<tbody>
<tr>
<td>General Construction Contract(s)</td>
<td>$8,350,000</td>
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<td>Replace existing Septic/Storm System</td>
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<td>Backfill Renovation</td>
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Construction Subtotal $10,905,000 $7,061,573

Construction Cost per GSF

| New Building | 551 |
| Backfill | 157 |

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<thead>
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<th>C. Building Completion Activity</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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<tbody>
<tr>
<td>Equipment</td>
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<tr>
<td>Process Tech Equipment</td>
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<tr>
<td>Move-In Costs</td>
<td>$</td>
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<tr>
<td>Art</td>
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<tr>
<td>Maintenance Operation Support</td>
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</table>

Building Completion Activity Subtotal $2,065,000 $1,310,613

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<thead>
<tr>
<th>D. Owner Activities &amp; Administrative Costs</th>
<th>Budget</th>
<th>Expenditure to Date</th>
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<tbody>
<tr>
<td>Project Plng, Staff Support</td>
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Owner Activities & Administrative Costs Subtotal $969,500 $393,158

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<th>E. Total Project Cost</th>
<th>Budget</th>
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<tbody>
<tr>
<td>$15,250,000</td>
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Total Project Cost per GSF $574 Remaining Budget

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<th>F. Total Appropriation(s)</th>
<th>Budget</th>
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<tr>
<td>$15,250,000</td>
<td>$5,076,857</td>
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</table>

KPC Career Technical Education Center - Budget- September 2013
KPC Generator

Project Description:
The Kenai River Campus had a power outage during finals week in the Fall 2011 semester and was unable to keep operating. A standby generator has been installed that will provide power for lights, computers, phones, heating pumps, ventilation and fire alarm system. The generator is powered by natural gas. The generator will power areas in the Ward, Goodrich, McLane, Brockel and Steffy Buildings.

Schedule:
Advertising & Award: September 2012
Construction: Dec 2012- July 2013

Total Project Cost:
TPC $ 550,000
CAA $ 370,929

Project Team:
Design Team AMC Engineers
General Contractor Quality Electric

Board of Regents Approval & Motions:
Preliminary Admin Approval April 17, 2012
Formal Project Approval June 27, 2012
Schematic Design Approval September 5, 2012
Project Change Requests none

Status Update:
The project is complete. This will be the final report on this project.
KPC Soil Remediation

Project Description:
This project is cleaning up a site off campus that was used for fire training in the 1980’s and had significant amounts of diesel contamination at 14 feet below ground level.

Schedule:
- Planning & Design: Thru January 2010
- Advertising & Award: February 2010 – March 2010
- Construction: April 2010- October 2013

Total Project Cost:
- TPC$ 534,864
- CAA$ 74,390
- CCA$ 186,747

Project Team:
- Design Team: Shannon & Wilson
- General Contractor: Foster Construction

Board of Regents Approval & Motions:
- Preliminary Admin Approval: February 9, 2010
- Formal Project Approval: February 17, 2010
- Schematic Design Approval: February 17, 2010
- Project Change Requests: 6/1/10, 10/21/11, 1/10/11, 7/25/13

Status Update:
Clean soil on the West side has been pushed into the open excavation. Tilling is being done the on the West side where the soil tested above DEC limits last summer. In May, the DEC requested the site be tested for PFOS/PFOA a contaminant from firefighting foam. The tests came back higher than the DEC limits. Two monitoring wells are being installed to determine if the PFOS/PFOA has migrated down gradient from the excavation site.

Final outcome being sought is a letter from the ADEC stating no further action needed on this site.
Project Description:
New student housing is a two story wood framed building with 24 suites for a total of 96 student beds. Four of the suites are ADA compliant. The suites have 4 bedrooms, two restrooms, small kitchen and living room. At the entrance there is a commons, multipurpose room, 2 offices, front desk, a kitchen and a maintenance area. On the second floor there is a study lounge, laundry room, and fitness room. The total sf is 39,875 sf.

Status Update: The Ground Breaking Ceremony was on August 15, 2013 and about 400 people from campus and the community attended. The project is complete except for some punch-list items. Students moved in on August 19 as scheduled. Project completion and close-out in progress. Final change orders pending. Although current construction cost status appears low, pending change orders, additional site improvements and drainage work, as well as program requirements that were previously value-engineered out of the project are still pending.
## UNIVERSITY OF ALASKA

**Project Name:** KPC KRC Student Housing Complex  

**MAU:** UAA  

**Building:** New  

**Campus:** KRC  

**Date:** 8/22/2013  

**Prepared by:** S. Sauve  

**Project #:** 10-0066  

**Funding:** 564346  

**Total GSF Affected by Project:** 42,551

### PROJECT BUDGET

<table>
<thead>
<tr>
<th>Area</th>
<th>SDA Budget</th>
<th>Expend to date</th>
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<tbody>
<tr>
<td><strong>A. Professional Services</strong></td>
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<tr>
<td>Advance Planning, Program Development</td>
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<td>Soils Testing &amp; Engineering</td>
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<td>Other /Interior Design</td>
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<td><strong>B. Construction</strong></td>
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<td>Clearing, South Central</td>
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<tr>
<td><strong>Construction Subtotal</strong></td>
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<td><strong>Construction Cost per GSF</strong></td>
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<td>256</td>
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<tr>
<td><strong>C. Building Completion Activity</strong></td>
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</tr>
<tr>
<td>Make Ready &amp; Equipment - food prep area, ph</td>
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<td>Furnishings</td>
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<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
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<tr>
<td><strong>Building Completion Activity Subtotal</strong></td>
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<td><strong>D. Owner Activities &amp; Administrative Costs</strong></td>
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<td>Project Plng, Staff Support</td>
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<tr>
<td>Misc. Expenses: Advertising, Printing, Supplies</td>
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<td>$18,279</td>
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<td>Project Contingency</td>
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<td><strong>Owner Activities &amp; Administrative Costs Subtotal</strong></td>
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<td><strong>E. Total Project Cost</strong></td>
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<td>Remaining Budget</td>
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<tr>
<td><strong>F. Total Appropriation(s)</strong></td>
<td>17,800,000</td>
<td>4,301,140</td>
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</table>

*Approved by BOR at $17,800,000
Mat-Su JKB Science Lab Renewal

Project Description:
The project will remodel and update the science lab to include full height walls and add a new dedicated HVAC unit. Reconfiguration of the classroom casework and science tables will allow installation of a required emergency eye wash/shower to meet current codes.

Schedule:
Planning & Design: March 2012-April 2013
Advertising & Award: May 2013
Construction: June 2013 – August 2013
Warranty: 1 year after construction completion

Total Project Cost:
TPC: $600,000
CAA: $262,700

Board of Regents Approval & Motions:
Preliminary Admin Approval March 2012
Formal Project Approval May 2012
Schematic Design Approval May 2012

Status Update:
The new HVAC unit is installed and operational. The new lab layout and plumbing are completed. The emergency eye wash/shower is installed, and construction is complete.

This will be the final report on this project.
Project Description:
The project will design and construct a new facility that will provide a classroom, drama lab, music space and instrument storage, display areas, gathering/study spaces and a 500 seat auditorium for lectures, public gatherings and conferences.

Status Update:
Footings and foundations are almost complete. Underground mechanical and electrical is completed. Groundbreaking ceremony was held on July 18th. Concrete slab has started on the mechanical level. Utilities are scheduled for installation in September. Steel scheduled to arrive in early September for erection. The Contractor expects to close the building in and work through the winter.
### UNIVERSITY OF ALASKA

<table>
<thead>
<tr>
<th>Project Name:</th>
<th>MSC Valley Center for Arts &amp; Learning</th>
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</thead>
<tbody>
<tr>
<td>MAU:</td>
<td>UAA</td>
</tr>
<tr>
<td>Building:</td>
<td>New</td>
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<tr>
<td>Campus:</td>
<td>Mat-Su</td>
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<tr>
<td>Project #:</td>
<td>07-0035</td>
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<tr>
<td>Prepared by:</td>
<td>H Morse</td>
</tr>
<tr>
<td>Date:</td>
<td>8/22/2013</td>
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<td>Total GSF</td>
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### PROJECT BUDGET

#### A. Professional Services

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Budget</th>
<th>Expenditure to date</th>
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<tbody>
<tr>
<td>Advance Planning, Program Development</td>
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<td>Consultant: Construction Phase Services</td>
<td>$300,000</td>
<td>$241,000</td>
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<td>Consul: Extra Services (Theater &amp; A/V &amp; Acoustical Consultants)</td>
<td>$0</td>
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<tr>
<td>Site Survey</td>
<td>$8,500</td>
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<td>Soils Testing &amp; Engineering</td>
<td>$30,000</td>
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<td>Special Inspections</td>
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<td>Plan Review Fees / Permits</td>
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<tr>
<td>Other</td>
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**Professional Services Subtotal** $1,760,000 $1,687,500

#### B. Construction

<table>
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<tr>
<th>Contract Type</th>
<th>Budget</th>
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<tr>
<td>General Construction Contract(s)</td>
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<td>Other Contractors (List: ___________________________ )</td>
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<tr>
<td>Construction Contingency</td>
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**Construction Subtotal** $16,500,000 $2,171,000

**Construction Cost per GSF** $550 $72

#### C. Building Completion Activity

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<tr>
<th>Activity Description</th>
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<tbody>
<tr>
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<td>Signage not in construction contract</td>
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<tr>
<td>Move-Out Costs</td>
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<td>Move-In Costs</td>
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<td>Maintenance Operation Support</td>
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**Building Completion Activity Subtotal** $740,000 $0

#### D. Owner Activities & Administrative Costs

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**Owner Activities & Administrative Costs Subtotal** $1,000,000 $177,617

#### E. Total Project Cost

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**Total Project Cost per GSF** $667 Remaining Budget

#### F. Total Appropriation(s)

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<th>$20,000,000</th>
<th>$15,963,883</th>
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PWSCC Wellness Center Renovation & Campus Renewal

Project Description:
GO Bond funded general renovation of the existing Wellness Center and Campus Renewal. The work will include: ADA compliant locker/restrooms; new entrance and counter space; new flooring and finishes; new doors and hardware; lighting replacement and electrical upgrades; electronic entry system; ACM removal; replacement of galvanized water lines; IT upgrades; mechanical system upgrades; energy conservation controls; and exterior siding improvements.

Schedule:
Advertising & Award: Dec 2011 – Jan 2012
Construction: Apr 2012 – Aug 2013

Total Project Cost:
TPC $5,000,000
CAA $2,789,896
CCA $3,925,222

Project Team:
Design Team Kumin Associates
General Contractor Eklutna Services LLC

Board of Regents Approval & Motions:
Preliminary Admin Approval Feb 2009
Formal Project Approval Dec 2010
Schematic Design Approval Sep 2011
Project Change Request Pending Sep 26, 2013

Status Update:
The wellness center remodel and new lobby is completed. The exterior siding will be completed in early September. Contractor is finishing behind schedule due to numerous unforeseen conditions found during the renovation. A Project Change Request to increase the Total Project Cost due to the unforeseen conditions is pending.
Antenna Installation Alaska Satellite Facility AS311

Project Description:
Phase One of the project involves site work on an area of approximately 150 feet by 150 feet, foundation and construction of a 20-foot high concrete base. The construction of the concrete base will be expedited as much as the winter season will reasonably allow. The site preparation includes clearing brush and trees, excavation and trenching, grading and improvements to the existing service road. This work will also realign the adjacent existing ski trail and expand the training/ski head area.

Schedule:
Planning & Design: September 2012—February 2013
Advertising & Award: April 2013
Construction: May 2013 - February 2014

Project Team:
Design Team: PDC Inc. Engineers
General Contractor: GHEMM Company

Total Project Cost:
TPC $ 6,000,000
Phase 1 $ 1,000,000
Phase 2 $ 5,000,000
CAA: Work done by NASA

Board of Regents Approval & Motions:
Formal Project Approval: Phase 1: August 20, 2012 Full Project: December 7, 2012
Schematic Design Approval: Phase 1: August 20, 2012
Schematic Design Approval: Phase 2: Full Project: June 7, 2013

Status Update:
Contractor completed the initial site work and foundations during summer 2012 and the balance of the work will be completed by October 2013.
Status Update:
The Construction Contract for Phase 3 was awarded to Fullford Electric. 30% of the VFD’s have been replaced and the remainder of the VFD’s will be installed in April/May 2014 during the annual boiler overhaul period.
## Atkinson Power Plant Renewal

### UNIVERSITY OF ALASKA

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<th>Atkinson Power Plant Renewal</th>
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<tr>
<td>Prepared By:</td>
<td>Mike Ruckhaus</td>
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<tr>
<td>Date:</td>
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### PROJECT BUDGET

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<td>Soils Testing &amp; Engineering</td>
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<td>Special Inspections</td>
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<td>Move-Out Cost/Temp. Reloc. Costs</td>
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<td>Move-In Costs</td>
<td>$0</td>
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<tr>
<td>Art</td>
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<td>Other (List: _____________)</td>
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<td>OIT Support</td>
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<td>Maintenance/Operation Support</td>
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<td><strong>D. Owner Activities &amp; Administrative Cost</strong></td>
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<td><strong>E. Total Project Cost</strong></td>
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### Sept 2013 BOR Update

**Remaining Budget**: $35,694,179
Arctic Health Lab Revitalization Phase 3A

Project Description:
The scope of the Phase 3A project replaces the facilities medium voltage electrical equipment and provides sufficient redundancy to protect the critical research inside. Work includes two new primary power transformers and a new secondary (backup) power transformer. These will be connected to existing feeders in the utilidor system. Stepped down power from the transformers will be distributed to two electrical rooms on the east and west of the building. The existing medium voltage distribution gear inside the building will also be replaced with new gear that has layers of redundancy built in. The two existing generators will be removed from the facility and a new portable generator will be provided along with a space to house it inside the AHRB. Nineteen labs and classrooms as well as building utilidors will receive new emergency lighting.

Schedule:
- Planning & Design: October 2011 to February 2012
- Advertising & Award: March 2012
- Construction: April 2012 to July 2013

Total Project Cost:
- TPC $ 3,825,000
- CAA $ 2,961,077

Project Team:
- Design Team: Design Alaska, Inc
- General Contractor: GHEMM Company

Board of Regents Approval & Motions:
- Preliminary Admin Approval: December 8, 2011
- Formal Project Approval: March 26, 2012
- Schematic Design Approval: May 7, 2013
- Project Change Approval: May 7, 2013

Status Update:
All work is complete and as-builts have been approved.

Sept 2013 BOR Update
Butrovich Building Sidewalk Project

Project Description:
Project replaces existing asphalt and concrete areas adjacent to the Butrovich Building.

Schedule:
- Planning & Design:
- Advertising & Award: March 6, 2013 & May 2013
- Construction: May 2013 to September 10, 2013

Total Project Cost:
- TPC $ 960,000
- CAA $ 484,200

Project Team:
- Design Team: Design Alaska, Inc
- General Contractor: Great Northwest, Inc.

Board of Regents Approval & Motions:
- Preliminary Admin Approval: December 20, 2012
- Formal Project Approval: January 31, 2012
- Schematic Design Approval: January 31, 2012

Status Update:
As of August 30, construction is on schedule for completion by September 10, 2013. Due to bids coming in below designers estimate and unspent contingency, it is anticipated that approximately $150,000—$180,000 will be remaining upon project completion. The remaining balance will be used on additional DM&R projects for Statewide facilities.

Sept 2013 BOR Update
Butrovich Retaining Wall Repair

Project Description:
Partial demolition of existing retaining wall, installation of new retaining wall, improved site drainage, and expansion of utilidor.

Schedule:
Planning & Design: July 2011—March 2013
Advertising & Award: March 24, 2013 & May 2013
Construction: June 2013 to September 2013

Total Project Cost:
TPC $ 1,140,000
CAA $ 943,967

Project Team:
Design Team: PDC Inc. Engineers
General Contractor: American Mechanical, Inc

Board of Regents Approval & Motions:
Preliminary Admin Approval: N/A
Formal Project Approval: August 1, 2011 & March 8, 2013
Schematic Design Approval: March 21, 2013

Status Update:
As of August 30, construction is on schedule for completion by mid-September 2013.
Campus Wide ADA Guidelines Compliance

Project Description:
This project installs electronic door openers in several locations on the UAF Campus. The electronic door openers are located primarily at building entrances and one interior circulation space. The door openers facilitate ADA access to the buildings.

Schedule:
- Planning & Design: January to March 2013
- Advertising & Award: June 2013
- Construction: July to November 2013

Total Project Cost:
TPC $500,000

Project Team:
- Design Team: USKH, Inc
- General Contractor: GBC, Inc

Board of Regents Approval & Motions:
- Preliminary Admin Approval: July 31, 2012
- Formal Project Approval: October 15, 2012
- Schematic Design Approval: May 2013

Status Update:
The project is under construction and scheduled for completion in November 2013.
Campus Wide Elevator Upgrade and Replacement

Project Description:
This project modernizes traction elevators serving Wood Center and CTC Barnette along with other improvements as funding permits. The project replaces original relay-logic controllers with modern micro-processor based controllers to provide reliable and efficient elevator operation. Other improvements include new drive motors, hoistway equipment, cab fixtures, seismic and ADA upgrades. This work brings the systems up to current elevator safety code standards and should result in better service and a reduction in emergency and maintenance call outs.

Schedule:
Planning & Design: October 2011 to September 2012
Advertising & Award: June 2013
Construction: July 2013 thru November 2013

Total Project Cost:
TPC $ 720,000
CAA $ 292,000

Project Team:
Design Team: USKH, Inc
General Contractor: Stanton Construction

Board of Regents Approval & Motions:
Preliminary Admin Approval: N/A
Formal Project Approval: February 13, 2013
Schematic Design Approval: February 13, 2013

Status Update:
The project is under construction and scheduled for completion in November 2013.
Campus Wide Energy Upgrades—Fairbanks Campus

Project Description:
This project upgrades the lighting, HVAC controls and sensors, replaces old inefficient motors and controls, and installs new door and window seals on 10 university buildings. Project cost will be recovered in energy savings in 10 years.

Schedule:

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<tr>
<th>Planning &amp; Design:</th>
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Total Project Cost:

<table>
<thead>
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<tbody>
<tr>
<td>CAA</td>
<td>$ 5,350,000</td>
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Project Team:

- Design Team: Siemens Building Technologies, Inc
- General Contractor: Siemens Building Technologies, Inc

Board of Regents Approval & Motions:

- Preliminary Admin Approval: August 8, 2012
- Formal Project Approval: September 27, 2012
- Schematic Design Approval: September 27, 2012

Status Update:
Construction is nearly complete. Davis Concert Hall house and stage lights are currently being planned and materials have been ordered.
UAF Campus Wide Roof Replacement

Project Description:
This project will replace the existing roofs on the KM Rae Building at the Seward Marine Center in Seward, Garden Apartments I & II and the Chapman Building at UAF in Fairbanks.

Schedule:
| Planning & Design: | September 2012 to February 2013 |
| Advertising & Award: | March 2013 |
| Construction: | May to September 2013 |

Total Project Cost:
| TPC | $1,500,000 |
| CAA | $746,000 |

Project Team:
- Design Team: BDS Roof Technology Group
- General Contractor: Earhart Roofing

Board of Regents Approval & Motions:
- Preliminary Admin Approval: September 20, 2012
- Formal Project Approval: December 21, 2012
- Schematic Design Approval: March 8, 2013

Status Update:
Substantial Completion inspection for both Fairbanks Campus buildings held on July 23, 2013. Work continues on the KM Rae building in Seward. The contractor is currently 90% complete.
Critical Electrical Distribution Renewal Phase 2

Project Description:
Phase 1 of the project constructed a central switchgear facility and utilidors needed for distributing power to the campus at the new distribution voltage of 12,470v. Phase 2 converts the buildings on campus to the new distribution system. This includes replacement or conversion of cables, switches and building transformers throughout the UAF Campus.

Project Team:  
Designer: PDC Inc. Engineers  
CM@Risk : Kiewit Building Group  

Total Project Cost:  
TPC $26,250,000  
CAA $ 9,945,000  

Board of Regents Approval & Motions:  
Formal Project Approval: February 16, 2012  
Schematic Design Approval: June 8, 2012 ($14,325,000)  
Completion Date: Fall 2015  

Schedule Bar Chart:  

Status Update:
Construction started April 22, 2013 and will continue through November 2015 with winter shutdown in 2013-2014 and 2014-2015. Patty Ice, Patty Center, SRC, Lower Dorms and Chapman buildings have been converted to the new system. Library, Gruening, Fine Arts, Brooks, Duckering, Wood Center, Wickersham, Eielson, Signer’s are scheduled to be converted in October 2013. Preparatory work is underway.
**UNIVERSITY OF ALASKA**

**Project Name:** Critical Electrical Distribution Renewal Phase 2  
**MAU:** UAF  
**Building:** N/A  
**Date:** March 18, 2013  
**Campus:** UAF  
**Prepared By:** M. Ruckhaus  
**Project #:** 2012108 UTER 2  
**Account No.:** 514449-50216  
**Total GSF Affected by Project:** N/A  

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<td><strong>$22,437,875</strong></td>
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**Sept 2013 BOR Update**
UAF Cutler Apartment Retaining Wall

Project Description:
This project constructs a new concrete retaining wall, stairs, sidewalks, ADA accessible ramp and head bolt heater outlets to comply with building codes and improve safety throughout the Cutler Apartment complex.

Schedule:
| Planning & Design:      | April 2012—June 2012 |
| Advertsing & Award:     | May 2012—June 2012   |
| Construction:           | June 2012—August 2013|

Total Project Cost:
| TPC: $ 1,460,495       |
| CAA: $ 1,241,726       |

Project Team:
| Design Team:            | PDC Inc. Engineers   |
| General Contractor:     | Alcan Builders, Inc  |

Board of Regents Approval & Motions:
| Preliminary Admin Approval: | N/A                   |
| Formal Project Approval:   | April 26, 2012        |
| Schematic Design Approval: | June 06, 2012         |

Status Update:
Approximately 500 feet of failing wood retaining wall has been replaced with concrete walls. New ADA compliant ramp and stairs have been installed and provide access to Cutler Apartments. Deteriorated wooden steps have been replaced and handrails were installed at all front entries. Paint, hydroseeding and installation of headbolt heaters have been completed. Contractor is correcting minor inspection punchlist items. Project completion has been delayed due to numerous electrical punchlist issues.
Status Update:
Concrete work has progressed to 95% completion of the foundation, including the tie in to the utilities blister. Work is being completed to over-winter the foundation. Steel has been erected in the basement zone and the first floor slab on deck is complete. Work will continue in the basement to build the major mechanical and electrical spaces. Sanitary Sewer work and storm sewer work complete. Davis and UAF are working through various completion strategies and dates based on the lack of construction funds. Full funding for the project is needed in FY15.

Project Description:
The Engineering Facility project will build 119,000 gsf of new space and renovate about 23,000 gsf of existing space in the Duckering Building in support of the UAF College of Engineering and Mines. The 6-story building will provide space for engineering learning and discovery and will feature open lab concepts and a high-bay area for practical application of engineering know how.

Project Team:
Designer: ECI Hyer; NBBJ; PDC Inc. Engineers; AMC
CM@Risk: Davis Constructors

Board of Regents Approval & Motions:
Preliminary Project Approval: September 9, 2006
Formal Project Approval: June 4, 2010
Amended Formal Project Approval: September 23, 2011
Schematic Design Approval: June 8, 2012

Occupancy Date: Winter 2015

Schedule Bar Chart:

Status Update:
Concrete work has progressed to 95% completion of the foundation, including the tie in to the utilities blister. Work is being completed to over-winter the foundation. Steel has been erected in the basement zone and the first floor slab on deck is complete. Work will continue in the basement to build the major mechanical and electrical spaces. Sanitary Sewer work and storm sewer work complete. Davis and UAF are working through various completion strategies and dates based on the lack of construction funds. Full funding for the project is needed in FY15.
## PROJECT BUDGET

### A. Professional Services

<table>
<thead>
<tr>
<th>Service</th>
<th>Estimated</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advance Planning, Program Development</td>
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<td>748,988</td>
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<td>Consultant: Design Services</td>
<td>7,391,335</td>
<td>7,216,981</td>
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<td>Consultant: Construction Phase Services</td>
<td>2,167,091</td>
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<td>CMAR Preconstruction Services</td>
<td>466,858</td>
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<td>Site Survey</td>
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<td>Soils Testing &amp; Engineering</td>
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<tr>
<td>Special Inspections</td>
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<tr>
<td>Plan Review Fees / Permits</td>
<td>40,000</td>
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</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Total Professional Services Subtotal Estimated**: 11,239,272  
**Total Professional Services Actual**: 9,444,438

### B. Construction

<table>
<thead>
<tr>
<th>Activity</th>
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</thead>
<tbody>
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<td>General Construction Contract (s)</td>
<td>74,000,000</td>
<td>27,959,453</td>
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<td>Other Contractors (List: Sewer, Duckering Renovations)</td>
<td>6,735,000</td>
<td>794,497</td>
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<td>Construction Contingency</td>
<td>3,229,400</td>
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**Total Construction Subtotal**: 83,964,400  
**Total Construction Cost per GSF**: $718.26  
**Total Construction Cost per GSF per Actual**: $245.97

### C. Building Completion Activity

<table>
<thead>
<tr>
<th>Activity</th>
<th>Estimated</th>
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</thead>
<tbody>
<tr>
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<td>Fixtures</td>
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<td>Furnishings</td>
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<tr>
<td>Move-In Costs</td>
<td>350,000</td>
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<tr>
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<td>Other (List: Audio/Video)</td>
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<td>OIT Support</td>
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<td>Maintenance/Operation Support</td>
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**Total Building Completion Activity Subtotal**: 3,937,500  
**Total Building Completion Activity Actual**: 12,064

### D. Owner Activities & Administrative Cost

<table>
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<td>Project Management</td>
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**Total Owner Activities & Administrative Cost Subtotal**: 6,858,828  
**Total Owner Activities & Administrative Cost Actual**: 1,960,877

### E. Total Project Cost

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<th>Total Project Cost</th>
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<tr>
<td></td>
<td>106,000,000</td>
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**Total Project Cost per GSF**: $906.76  
**Total Project Cost per GSF Actual**: Remaining Budget

### F. Total Appropriation(s)

<table>
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<th>Appropriation(s)</th>
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<tbody>
<tr>
<td></td>
<td>108,600,000</td>
<td>68,428,672</td>
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---

**UAF Engineering Facility**  
**MAU**: UAF  
**Project #:**: 2011122 ENNF  
**Total GSF Affected by Project**: 116900

---

**SDA Budget**

- **Professional Services**: 11,239,272
- **Construction**: 83,964,400
- **Building Completion Activity**: 3,937,500
- **Owner Activities & Administrative Cost**: 6,858,828
- **Total Project Cost**: 106,000,000
- **Total Appropriation(s)**: 108,600,000

---

**Prepared By**: Wohlford  
**Account No.**: 571304-50216  
**Date**: August 1, 2013  
**Sept 2013 BOR Update**
Fine Arts Complex Vapor Barrier Design and Installation

**Project Description:**
This project has corrected building envelope deficiencies by application of spray foam and vapor barrier to the inside of exterior walls to the music wing.

**Schedule:**
- Planning & Design: October 2012 to February 2013
- Construction: March 2013 to September 2013

**Total Project Cost:**
- TPC $ 5,600,000
- CAA $ 2,128,521

**Project Team:**
- Design Team: USKH, Inc
- CM@R: Watterson

**Board of Regents Approval & Motions:**
- Preliminary Admin Approval: October 18, 2011
- Formal Project Approval: September 28, 2012
- Schematic Design Approval: February 21, 2013

**Status Update:**
As of August 30, the project is on schedule for completion in mid-September 2013. Bids came in below the designers estimates by approximately $1.0 million.
Harper Building Interior Upgrades

Project Description:
The project will improve accessibility to and functionality of the existing Harper Building. The scope of work will include constructing a covered ADA compliant entry. Headbolt outlets (HBOs) will be installed at the relocated handicap parking stalls. The Great Room will be remodeled to better facilitate conferences and large classes. Interior doors will be installed to separate the Great Room from the rest of the building to minimize disruption throughout the facility. Inefficient lighting in the Great Room will be replaced with modern, efficient light fixtures. Degraded HVAC systems will be modified and properly balanced. The Great Room mezzanine will be enclosed to keep administrative operations from disturbing classes in the room below. A fume hood will be installed in the lab to improve teaching opportunities and minimize odors throughout the building.

Schedule:

Planning & Design: November 2012 to April 2013
Advertising & Award: April to May 2013
Construction: June to October 2013

Total Project Cost:

TPC $ 750,079
CAA $ 557,477

Project Team:

Design Team: Design Alaska, Inc
General Contractor: GBC, Inc

Board of Regents Approval & Motions:

Preliminary Admin Approval: February 28, 2013
Formal Project Approval: March 18, 2013
Schematic Design Approval: March 20, 2013

Status Update:
Schematic design review was completed on April 1, 2013. Design was completed and the project was advertised on June 2, 2013. Bids were received on June 24, 2013. Construction is on schedule.
Campus Wide Lower Campus Space Reallocation

**Project Description:**
Renovate levels 3 & 4 of Bunnell, and Levels 3 and part of level 2 of Eielson. Relocate Anthropology to Bunnell Building and Cross Cultural Studies, Upward Bound, CNSM Outreach and Marketing & Communications to Eielson. Departments will move into renovated spaces.

**Schedule:**
- Planning & Design: May 2012 to March 2013
- Advertising & Award: April 2013 to May 2013
- Construction: May 2013 to September 2013

**Project Team:**
- Design Team: USKH, Inc
- General Contractor: Stanton Construction, Inc

**Total Project Cost:**
- TPC $ 1,481,991
- CAA $ 125,000

**Board of Regents Approval & Motions:**
- Preliminary Admin Approval: December 20, 2012
- Formal Project Approval: March 21, 2013
- Schematic Design Approval: March 29, 2013

**Status Update:**
Project is substantially complete. Punch list items are being taken care of as well as the installation of blinds and clean-up items as a result of the moves.
Project Description:
The Murie Building provides multiuse teaching and research labs, classrooms, and office space for life science research and academic purposes. The research portion provides nearly 60,000 gsf of lab space for biology research. The teaching portion provides 40,000 gsf of academic classroom and lab space for biology and wildlife degree programs. The project also includes expansion of the West Ridge utilidor steam line, and a greenhouse replacement.

Basic Project Info:
Designer: Bezek Durst Seiser Inc; Smith Group; PDC Inc. Engineers; RFD Inc
CM@Risk: Davis Constructors
Board Approvals:
FPA February 2010
SDA November 2010
PCR April 2013
TPC: $88,578,000
Construction Cost: $67,700,000
Occupancy Date: May 28, 2013
Funding Source: GO Bond

Status Update:
UAF established Substantial Completion on July 15, 2013. The building is fully occupied and under UAF’s control. The punchlist items are complete. The chilled water plant is operational and supplying district chilled water to four UAF facilities. UAF has actively sought imaging equipment and has secured an MRI machine on lease from the Hospital Foundation. It is installed in the Murie Building MRI Suite. UAF dedicated the building to Margaret Murie and the official ribbon cutting was on August 22, 2013.
UNIVERSITY OF ALASKA

Project Name: Life Sciences Research and Teaching and Facility
MAU: UAF
Building: New-Murie Building Date: August 1, 2013
Campus: Fairbanks Prepared By: Wohlford
Project #: LFRF 2010100 Account No.: 512035, 514494-50216
Total GSF Affected by Project: 101,100

### PROJECT BUDGET

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<thead>
<tr>
<th>Category</th>
<th>Budget</th>
<th>Actual</th>
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<tbody>
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<tr>
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<td>$0</td>
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<td>Consultant: Design Services</td>
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<td>$1,487,480</td>
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<td>CM@Risk Preconstruction Services</td>
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<td>Misc Consulting and Peer Reviews</td>
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<td>Commissioning</td>
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<td>Other</td>
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<td><strong>Professional Services Subtotal</strong></td>
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<td><strong>B. Construction</strong></td>
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<td>General Construction Contract (s)</td>
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<td>$69,335,063</td>
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<td>Other Contractors (List: West Ridge Parking, Building Relocations)</td>
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<td>Equipment</td>
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<td>Furnishings</td>
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<td>Signage not in construction contract</td>
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<td>Move-Out Cost/Temp. Reloc. Costs</td>
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<td>$0</td>
</tr>
<tr>
<td>Move-In Costs</td>
<td>$100,000</td>
<td>$0</td>
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<td>Art</td>
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<td>Other (List:________________________________)</td>
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<td>OIT Support</td>
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<td>Maintenance/Operation Support</td>
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<td><strong>Building Completion Activity Subtotal</strong></td>
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<td><strong>D. Owner Activities &amp; Administrative Cost</strong></td>
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<tr>
<td>Project Planning and Staff Support</td>
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<tr>
<td>Project Management</td>
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<td>Misc Expenses: Advertising, Printing, Supplies</td>
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<td><strong>Owner Activities &amp; Administrative Cost Subtotal</strong></td>
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<td><strong>Total Project Cost per GSF</strong></td>
<td>$876.10</td>
<td>Remaining Budget $876.10</td>
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| F. Total Appropriation(s)                      | $88,578,000 | $854,407 |

Schematic Design Approval: $108,600,000 to fund three projects associated with the construction of the new facilities:
- Life Sciences Facility TPC $88,275,000 (increased to $88,578,000 October 2011)
- West Ridge Steam Capacity Expansion TPC $15,000,000 (decreased to $12.5M April 2013)
- Arctic Health Research Greenhouse TPC $5,325,000 (increased to $5,975,000 April 2013)

($96,193 to reduce debt service April 2013)
Project Description:
Design and build a new student dining facility adjacent to the Wood Center through a public-private partnership.

Schedule:
Planning & Design: March 22, 2011 to February 18, 2013
Advertising & Award: N/A
Construction: May 1, 2013 to July 16, 2014

Total Project Cost:
TPC $ 25,070,000
CAA $ 19,365,000

Project Team:
Design Team: Perkins & Will
General Contractor: GHEMM Company

Board of Regents Approval & Motions:
Preliminary Admin Approval: N/A
Formal Project Approval: June 2, 2011
Schematic Design Approval: September 28, 2012

Status Update:
Construction began in May 2013. The south main entry to the Wood Center was completed in time for students to return to campus this fall. The student services offices are on schedule to be completed for staff to move into during winter break this year. The building will be fully enclosed by mid-October when winter work will move to the interior.
Taku Parking Lot Metal Stairs Design & Installation

Project Description:
The proposed metal stairs will replace the existing steep sidewalk with safe, functional and low maintenance metal stairs. The stairs will significantly minimize the amount of slips and falls on the route to and from Taku and Ballaine Parking lots.

Schedule:
<table>
<thead>
<tr>
<th>Planning &amp; Design:</th>
<th>February to June 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertising &amp; Award:</td>
<td>July to August 2013</td>
</tr>
<tr>
<td>Construction:</td>
<td>September to August 2014</td>
</tr>
</tbody>
</table>

Total Project Cost:
| TPC | $500,000 |
| CAA | (TBD) |

Project Team:
Design Team: USKH, Inc
General Contractor: (TBD)

Board of Regents Approval & Motions:
| Preliminary Admin Approval: | May 30, 2013 |
| Formal Project Approval: | June 16, 2013 |
| Schematic Design Approval: | June 18, 2013 |

Status Update:
The construction contract has been awarded. Material has been ordered and fabrication of the stairs has begun. Installation is being scheduled for next spring.
Utilities Main Waste System Line Repairs

Project Description:
This project constructs the Agricultural Farm septic system, sewer main line replacement near Duckering from T6 to T12, and mainline replacement at Wood Center; design for relining on West Ridge and the Fire Station; rain leader rerouting at Duckering, Wickersham and Whitaker buildings as well as design mainline replacement from Wood Center to Hess Village.

Schedule:
Planning & Design: 2012 to March 2013  
Advertising & Award: March 2013 to June 2013  
Construction: June 2013 to October 2013

Total Project Cost:
TPC $ 2,000,000  
CAA $ 1,264,602

Project Team:
Design Team: PDC Inc. Engineers  
General Contractor: Drennon Construction, LLC ; Davis Constructors

Board of Regents Approval & Motions:
Preliminary Admin Approval: FY 13 Capital Project  
Formal Project Approval: March 25, 2013  
Schematic Design Approval: May 15, 2013 (UTWT6)  
Project Change Requests: June 27, 2013 (UTWT6)

Status Update:
Construction is underway at the UAF Agricultural Farm. T6 to T12 is scheduled to be completed in September 2013. Design work on other listed projects is ongoing.
Wood Center Utilities Vault

**Project Description:**
This project builds new utility infrastructure in the area of the Wood Center and Chapman buildings. The new infrastructure will support the new dining facility and continue the effort to upgrade the utilities campus wide.

**Schedule:**
- Planning & Design: September 2012—February 2013
- Advertising & Award: April 2013
- Construction: May 2013 - February 2014

**Total Project Cost:**
- TPC $ 3,000,000
- CAA $ 2,576,923

**Project Team:**
- Architect / Engineer: Design Alaska, Inc
- General Contractor: GHEMM Company

**Board of Regents Approval & Motions:**
- Preliminary Admin Approval: July 1, 2012
- Formal Project Approval: September 27, 2012
- Schematic Design Approval: February 21 & April 11, 2013

**Status Update:**
The contractor is 90% complete with the project. All exterior work is complete. Interior work to be completed is the final mechanical and electrical installation and testing within the utilidor and new vaults. Final work will take place mid-winter when utilities within the new utilidor are connected to the dining utilities.
Utilities West Ridge Steam Capacity Expansion

Project Description:
This project installs a 10-inch steam line and a 6-inch condensate line from the Atkinson Power Plant to the West Ridge in the vicinity of the Arctic Health Research Building to increase the steam capacity for West Ridge and the new Life Sciences Facility. A new utilidor will also be constructed to house the steam piping and other utilities from the utilidor near the Lola Tilly Building to the utilidor west of the Student Recreation Center.

Schedule:
- Planning & Design: February - May 2011
- Advertising & Award: April - July 2011
- Construction: August 2011 - October 2012

Total Project Cost:
TPC $15,000,000

Project Team:
- Architect / Engineer: PDC Inc. Engineers
- DB Contractor: Kiewit Building Group; Design Alaska, Inc

Board of Regents Approval & Motions:
- Preliminary Admin Approval: N/A
- Formal Project Approval: November 9, 2011
- Schematic Design Approval: April 8, 2011

Status Update:
Substantial completion was on November 8, 2012. The project was completed approximately $2,000,000 under budget. The remaining funds will revert to the source (Life Sciences Research & Teaching Facilities Project) as approved by the BOR at the April 2013 meeting. The contractor needed two months in summer 2013 to complete warranty repairs on the utilidor waterproofing. Landscaping is scheduled for completion in June 2014.
Campus Wide Energy Upgrades—Rural Campus

Project Description:
This project implements the Energy Efficiency Measures (EEM) identified in the Investment Grade Energy Audits performed by Siemens Industry, Inc. at the Kuskokwim campus and the Chukchi campus. Energy work on the rural campus buildings centers on three main issues – building envelopes, controls upgrades and lighting retrofits.

Schedule:
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<th>Activity</th>
<th>Date Range</th>
<th>Total Project Cost:</th>
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Project Team:
<table>
<thead>
<tr>
<th>Team</th>
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<tbody>
<tr>
<td>Design Team</td>
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<tr>
<td>General Contractor</td>
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Board of Regents Approval & Motions:
<table>
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<th>Approval Type</th>
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<tbody>
<tr>
<td>Preliminary Admin Approval</td>
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<tr>
<td>Formal Project Approval</td>
<td>N/A</td>
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<tr>
<td>Schematic Design Approval</td>
<td>September 27, 2012</td>
</tr>
</tbody>
</table>

Status Update:
All construction is complete. Final inspection by Facilities Services was conducted on August 9, 2013. As-builts have been submitted and approved.
Bristol Bay Applied Sciences

Project Description:
Renovation of the NAPA Auto Parts building to provide space and facilities for the Bristol Bay Campus Applied Sciences program.

Schedule:
- Planning & Design: September 2012-February 2013
- Advertising & Award: March 2013-April 2013
- Construction: May 2013-December 2013

Total Project Cost:
- TPC $ 2,550,000
- CAA $ 1,873,000

Project Team:
- Architect / Engineer: McCool Carlson Green Architects
- General Contractor: Wolverine Supply

Board of Regents Approval & Motions:
- Preliminary Admin Approval: May 17, 2012
- Formal Project Approval: December 7, 2012
- Schematic Design Approval: February 21, 2013

Status Update:
Demolition of existing interior construction is complete and new framing is underway on the first floor. Mechanical and electrical rough-in is in progress. New water service and other civil work is also underway.
Cold Climate Housing Research Center

Project Description:
The Sustainable Northern Communities Addition provides office, classroom, design, and research space intended to bring together CCHRC partners, housing agencies, policy makers, community leaders, and other stakeholders. Construction on the 8,000-square-foot building addition began in May 2012 and the building opened in Summer 2013. The addition is being built to LEED Platinum standards (like the existing building) and is planned to use zero fossil fuels for heating. Heating combines an innovative solar hydronic system with 10,000 gallons of seasonal thermal storage and a high efficiency pellet boiler.

Schedule:
Construction: May 2012 to September 2013
Total Project Cost: TPC $2,000,000

Project Team:
Architect / Engineer: CCHRC; USKH, Inc; Design Alaska, Inc
General Contractor: CCHRC; Hebert Homes, LLC

Board of Regents Approval & Motions:
Preliminary Admin Approval: May 6, 2011
Formal Project Approval: June 27, 2012
Schematic Design Approval: July 19, 2012

Status Update:
Construction is 95% complete. All finish electrical, mechanical, plumbing, and sprinkler system fixtures and components have been installed. Floor and wall finishes are complete. Trim is finished. Aside from some trim and flashing details, all exterior finishes; EIFS, roofing, have been completed. Exterior finished grading is complete. Installation and coordination of controls for heating and ventilation zones, sensors, and the fire suppression system are nearing completion. The network and phone systems are being installed and adjusted. The building will undergo some LEED start up requirements before officially being opened for use.

Sept 2013 BOR Update

708
Kuskokwim Campus Classroom Expansion

Project Description:
Work consists of interior renovation of several rooms, including expansion of classrooms and renovation of a computer lab at the Kuskokwim Campus in Bethel.

Schedule:
- Planning & Design: October 2012 to February 2013
- Advertising & Award: March to April 2013
- Construction: May to August 2013

Total Project Cost:
- TPC $ 833,893
- CAA $ 555,000

Project Team:
- Design Team: Design Alaska, Inc
- General Contractor: Denali General Contractors

Board of Regents Approval & Motions:
- Preliminary Admin Approval: October 29, 2012
- Formal Project Approval: December 20, 2012
- Schematic Design Approval: February 13, 2013
- Project Change Request: May 2, 2013

Status Update:
Construction is substantially complete. Campus is moving into classroom while contractor completes minor punch-list items.

Sept 2013 BOR Update
Kuskokwim Campus HVAC Upgrade

Project Description:
This project includes renovation of lift stations, boardwalk replacement, upgrades to the HVAC system, and exterior lighting.

Schedule:
Planning & Design: May to December 2012
Advertising & Award: February 2013
Construction: May to September 2013

Total Project Cost:
TPC $ 1,090,000
CAA $ 690,911

Project Team:
Design Team: Design Alaska, Inc
General Contractor: Denali General Contractors

Board of Regents Approval & Motions:
Preliminary Admin Approval: January 30, 2012
Formal Project Approval: April 12, 2012
Schematic Design Approval: December 26, 2012

Status Update:
Construction is substantially complete. Contractor is completing punch-list provided by E/E and UAF.
Northwest Campus Library Remodel

Project Description:
Project will remodel the interior of the Emily Brown Building (Library), at the UAF CRCD Northwest Campus, in Nome, Alaska.

Schedule:
Planning & Design: February 2013
Advertising & Award: March 2013
Construction: May to October 2013

Total Project Cost:
TPC $ 1,975,000
CAA $ 1,149,000

Project Team:
Design Team: BDS, Inc
General Contractor: H Construction

Board of Regents Approval & Motions:
Preliminary Admin Approval: December 21, 2012
Formal Project Approval: March 1, 2013
Schematic Design Approval: March 1, 2013
Project Change Request: May 30, 2013

Status Update:
Construction is 95% complete. Contractor is completing punch-list items and providing as-built drawings and operations/maintenance manuals.
Poker Flat Redstone Antenna Pad Construction

Project Description:
The project constructs a 30-foot diameter concrete pad with grounding grid. NASA has acquired a decommissioned Redstone antenna and will erect the antenna on the new pad. The project will also install communications and power ducts for the NASA team to install cabling. This project will not change any academic programs.

Schedule:
- Planning & Design: January to April 2013
- Advertising & Award: April 2013
- Construction: May to July 2013

Total Project Cost:
- TPC $ 358,700
- CAA $ 116,400

Project Team:
- Design Team: PDC Inc. Engineers
- General Contractor: Peak Signals, LLC

Board of Regents Approval & Motions:
- Preliminary Admin Approval: March 19, 2013
- Formal Project Approval: March 28, 2013
- Schematic Design Approval: March 28, 2013

Status Update:
Design was completed April 9, 2013. Bids were received April 29, 2013. Construction was completed July 15, 2013. NASA staff has erected the antenna and currently performing operation checks. Awaiting as-built record drawings and final invoice to close out the contract.
Research Vessel Sikuliaq

Project Description:
The R/V Sikuliaq (pronounced “see-KOO-lee-ack”) (formerly the Alaska Region Research Vessel) is a 261-foot oceanographic research vessel capable of performing complex science in the ice-choked waters of Alaska and the polar regions. When complete, the ship will be one of the most advanced university research vessels in the world and will be able to break ice up to 2.5 feet thick.

Schedule:
- Planning & Design: August 2007-October 2008
- Advertising & Award: February 2009-December 2009
- Construction: January 2010-September 2013

Total Project Cost:
- TPC $ 199,500,000

Project Team:
- Design Team: Glosten Associates
- General Contractor: Marinette Marine Corporation

Approval & Motions:
- Preliminary Admin Approval: Board of Regents: September 2008
- Formal Project Approval: National Science Foundation: December 2008
- Schematic Design Approval: National Science Foundation: December 2008

Status Update:
The launching ceremony for the R/V Sikuliaq was on October 13, 2012 in Marinette, Wisconsin. Hundreds of people endured wind and rain to attend the christening and launch ceremony for the 261-foot vessel, the first built for the National Science Foundation in more than three decades. The contractual delivery date was August 7, 2013, but the shipyard failed to make that date and is now paying liquidated damages per the UAF contract for each day they are late. During the July 2013 Quarterly Management Review, the shipyard provided an updated schedule showing delivery on November 1, 2013 with the potential this could slide into mid-November. Plans for crew hiring and post-delivery testing are going ahead based on a November 2013 delivery.
Seward Marine Center Tenant Improvement

Project Description:
This project provides the UAF School of Fisheries Seward Marine Center staff an office location for the pending arrival of the research vessel Sikuliaq. Vacant areas within the Orca Building will be modified to accommodate this future utilization.

Schedule:
Planning & Design: May-June, 2013
Advertising & Award: July-August, 2013
Construction: August–November, 2013

Total Project Cost:
TPC $565,300 (estimated)
CAA $TBD

Project Team:
Design Team: Bezek Durst Seiser Inc
General Contractor: TBD

Board of Regents Approval & Motions:
Preliminary Admin Approval: May 15, 2013
Formal Project Approval: May 29, 2013
Schematic Design Approval: June 18, 2013

Status Update:
The project went out to bid and bids were received in mid-August 2013.
Toolik Field Station 2012 Capital Improvements

Project Description:
This is a NSF managed and funded project. Construction could start as early as March 2014. A SDA will be submitted for the first phase when funding is obtained. There are four projects currently planned as part of the capital improvement program. They are a combination of housing, science and support facilities that are needed to support the research at TFS. It is anticipated that funding will be phased and Schematic Design Approvals will be requested for each individual project as funding is identified. It is anticipated that funding will occur over a 2-4 year period for all of the projects.

Schedule:                                      Total Project Cost:
Planning & Design:   March 2011 to August 2013  TPC $ 8,000,000
Advertising & Award: November 2013 to February 2014
Construction:        March 2014 to November 2014

Project Team:
Design Team          CH2M Hill
General Contractor   TBD

Board of Regents Approval & Motions:
Preliminary Admin Approval
Formal Project Approval         September 27, 2012
Schematic Design Approval      September, 2013 (Garage Only)

Status Update:
Funding is available for the garage and bidding is scheduled for October 2013. The bidding and project management is done by the National Science Foundation.
Auke Lake Way Corridor Improvements & Reconstruction

Project Description (Phase 3):
- Reconstruction of Auke Lake Way from Hendrickson to the Egan bus circle to replace pavement, signage and lighting, and add traffic control devices and provide for service and emergency access;
- Reconstruction of the Novatney parking area to a service turn-around;
- New building entrance signs

Total Project Cost: $4,300,000 Phase 3 = $982,500

Project Engineer: R&M Engineering

Project Contractor: Arete Construction

<table>
<thead>
<tr>
<th>Project Schedule</th>
<th>Phase 1</th>
<th>Phase 2</th>
<th>Phase 3</th>
</tr>
</thead>
</table>

Project Approvals
- Formal Project Approval December 2010
- Schematic Approval (Phase 1) April 2011
- Schematic Approval (Phase 2) April 2012
- Schematic Approval (Phase 3) March 2013

Status Update:
Underground work is largely complete, retaining walls are formed, lighting bases are installed. Work is expected to be completed by mid-October.
Project Description
This project will construct a 35,000 gsf, 120 bed residential facility for freshman students.

BASIC PROJECT INFORMATION:
Designer: MRV Architects
Contractor: ASRC/McGraw
Board Approvals:
FPA 6/2011
SDA 9/2012
PCR 4/2013
Total Project Cost: 14,040,000
Construction Cost: 11,040,000
Occupancy Date: Fall 2014
Funding Source: GF/Debt

Schedule Bar Chart:
Design: 85%
Construction: 5%
Groundbreaking: June 2013
Occupancy: August 2014

Status Update:
Site preparation is nearly complete and concrete foundations are starting.
## UNIVERSITY OF ALASKA

### Project Name: New Freshman Residence Hall

**MAU:** UAS  
**Building:** 21-Aug-13  
**Campus:** Juneau  
**Prepared by:** WK Gerken  
**Project #:** 04-26  
**Acct #:**  
**Total GSF Affected by Project:** 34,768

### PROJECT BUDGET

<table>
<thead>
<tr>
<th></th>
<th>Total Project</th>
<th>Total Exp/Enc</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Professional Services</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advance Planning, Program Development</td>
<td></td>
<td>0</td>
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<tr>
<td>Consultant: Design Services</td>
<td>11.0%</td>
<td>825,000</td>
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<tr>
<td>Consultant: Construction Phase Services</td>
<td>3.0%</td>
<td>260,000</td>
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<tr>
<td>Consul: Extra Services</td>
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<tr>
<td>Site Survey</td>
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<tr>
<td>Soils Testing &amp; Engineering</td>
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<td>40,000</td>
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<tr>
<td>Special Inspections</td>
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<tr>
<td>Plan Review Fees / Permits</td>
<td>SEALTrust</td>
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<tr>
<td>Other</td>
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<tr>
<td><strong>Professional Services Subtotal</strong></td>
<td>$1,137,000</td>
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<td><strong>B. Construction</strong></td>
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<td>Dorm Construction</td>
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<tr>
<td>alt#1</td>
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<td>alt#3</td>
<td></td>
<td>0</td>
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<tr>
<td>alt#4</td>
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<tr>
<td>Utility Charges (AEL&amp;P)</td>
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<td>Construction Contingency</td>
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<td><strong>Construction Subtotal</strong></td>
<td>$11,821,194</td>
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<td><strong>Construction Cost per GSF</strong></td>
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<tr>
<td><strong>C. Building Completion Activity</strong></td>
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<tr>
<td>Equipment</td>
<td></td>
<td>400,000</td>
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<tr>
<td>Fixtures</td>
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<tr>
<td>Furnishings</td>
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<td>0</td>
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<tr>
<td>Move-Out Costs</td>
<td></td>
<td>0</td>
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<tr>
<td>Move-In Costs</td>
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<tr>
<td>Art</td>
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<td>Other (Interim Space Needs or Temp Reloc. Costs)</td>
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<tr>
<td>OIT Support</td>
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<td>0</td>
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<tr>
<td>Maintenance Operation Support</td>
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<tr>
<td><strong>Building Completion Activity Subtotal</strong></td>
<td>$400,000</td>
<td>-</td>
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<tr>
<td><strong>D. Owner Activities &amp; Administrative Costs</strong></td>
<td></td>
<td>-</td>
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<tr>
<td>Project Plng, Staff Support</td>
<td></td>
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<tr>
<td>Project Management</td>
<td>1.5%</td>
<td>200,373</td>
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<td>CIP Indirect Support</td>
<td>3.5%</td>
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<tr>
<td><strong>Owner Activities &amp; Administrative Costs Subtotal</strong></td>
<td>$667,910</td>
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<tr>
<td><strong>E. Total Project Cost</strong></td>
<td>$14,026,104</td>
<td>475,536</td>
</tr>
<tr>
<td><strong>Total Project Cost per GSF</strong></td>
<td>$403.42</td>
<td>-</td>
</tr>
</tbody>
</table>
Ketchikan – Life Boat Davit Construction

Project Description:

This project will construct a platform for a life boat davit at the lower campus. The project is funded with two Title III grants.

Total Project Cost: $504,000 (Phase 1) $265,000 (Phase 2)

<table>
<thead>
<tr>
<th>Project Schedule</th>
<th>Phase 1</th>
<th>Phase 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bidding</td>
<td></td>
<td>5/2013</td>
</tr>
</tbody>
</table>

Project Engineer: PN&D Engineers

Project Contractor: Pool Engineering

Project Approvals

- Formal Project Approval: 2/2012
- Schematic Design Approval: 2/2012
- TPB increase: 4/2013

Status Update:

The second phase steel work is underway. Work is expected to be completed by fall of 2013.
Sitka Art Room Remodel

Project Description:

The project will replace Air Handling Unit 2 (AHU-2) with new exhaust fans and a new air handling unit to provide proper filtration at the Sitka Art Classroom, used primarily for clay and ceramics work. A separate glaze room with a separate ventilating system and fume hood will be constructed in the space. The existing pneumatic control system will be replaced with Direct Digital Controls.

Total Project Cost: $645,000

Project Schedule:

- Planning & Design: September 2012 – April 2013
- Bid & Award: July 2013
- Construction: August – December 2013

Project Architect: Northwind Architects

Project Contractor: Alaska Commercial Contractors, Inc.

Project Approvals:

- Formal Project Approval: 2/2013
- Schematic Approval: 2/2013
- Project Change Request: 7/2013

Status Update:

Contract is awarded and work is scheduled to be completed by December 2013.
Security Update

Office of Information Technology
Board of Regents September 26-27
Audit Remediation

- 16 of 32 issued audit findings have been resolved
- 100% of UAF Community & Technical College findings are resolved
- Continue contract review and consolidation post outsourced contracts audit
## Audit Remediation

<table>
<thead>
<tr>
<th>Finding</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improve Service Resiliency</td>
<td>Established IT Service Management Initiative (ITSM): Currently reviewing</td>
</tr>
<tr>
<td></td>
<td>Service Catalog, Incident Management and Change Management</td>
</tr>
<tr>
<td>Improve Server change management</td>
<td>Change Management is part of ITSM review</td>
</tr>
<tr>
<td>Continue UA Credential Consolidation</td>
<td>UAOnline moving to UAUsername this Fall</td>
</tr>
<tr>
<td>Improve Information Awareness</td>
<td>Industry standard training InfoSec available in UA Skillsoft</td>
</tr>
</tbody>
</table>
Copyright Infringement Notifications

Yearly Totals Since 2001

Number of DMCA Notices

- Y2001
- Y2002
- Y2003
- Y2004
- Y2005
- Y2006
- Y2007
- Y2008
- Y2009
- Y2010
- Y2011
- Y2012
- Y2013
Welcome, Karl E. Kowalski, to UAOnline!
Last web access on Sep 06, 2013 at 12:51 pm

Two Week Statistics:

21,000 address updates
19,600 phone updates
15,000 new cell phone numbers not previously in banner
Informational Resources:

Security Standards & Best Practices

Published Standards

- Acceptable Use of Online Resources policy (.pdf)
- Downloading Music & Movies (.pdf)
- UA Cloud Computing Guidelines April 2012 (.pdf)
- UA Guidelines for the Use of Social Media Final (.pdf)

Contact OIT Support Center

Support Hours
Fairbanks area:
tel: 907-450-8300
fax: 907-450-8312
Outside Fairbanks:
1-800-478-8226
Email: helpdesk@alaska.edu

OIT Self Service
Submit a Request [?]  
Search the Knowledge Base

Privacy Policies

- BoR & University Policy on FERPA (.pdf)
- University of Alaska HIPAA Privacy Policies and Procedures (.pdf)
Questions or Comments
Video Conferencing Overview FY08 - FY14

Office of Information Technology
Board of Regents September 26-27
Video Conference Use Trend
FY08 – FY14

University of Alaska
Total Video Conference Hours
FY08 – FY14

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY08</td>
<td>729</td>
</tr>
<tr>
<td>FY09</td>
<td>729</td>
</tr>
<tr>
<td>FY10</td>
<td>15000</td>
</tr>
<tr>
<td>FY11</td>
<td>16000</td>
</tr>
<tr>
<td>FY12</td>
<td>19000</td>
</tr>
<tr>
<td>FY13 Proj</td>
<td>25000</td>
</tr>
<tr>
<td>FY14 Proj</td>
<td>27000</td>
</tr>
</tbody>
</table>

Linear (Total Hrs)
Video Conference Use by University
Includes Associated Branch Campuses
FY08 – FY14

UA Video Use by Campus
FY08 – Fy14
Academic vs Administrative Use

Academic vs. Administrative Use FY11-FY14

- Academic
- Admin

FY11
FY12
FY13
FY14 Projected

UAA
UAF
UAS
SW
## Top Users

### Top UA Schools/Programs Using Videoconferencing in FY13

<table>
<thead>
<tr>
<th>Top Ten</th>
<th>Hours</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UAF</td>
<td>1956.46 UAF School of Fisheries and Ocean Sciences</td>
</tr>
<tr>
<td>2</td>
<td>UAA/UAF</td>
<td>1185.34 UAA College of Arts and Sciences-PhD in Psychology</td>
</tr>
<tr>
<td>3</td>
<td>UAF</td>
<td>1137.5 UAF School of Education</td>
</tr>
<tr>
<td>4</td>
<td>UAA</td>
<td>929.33 UAA School of Engineering - Project Management</td>
</tr>
<tr>
<td>5</td>
<td>UAA</td>
<td>925.33 UAA College of Education</td>
</tr>
<tr>
<td>6</td>
<td>UAA</td>
<td>924.67 UAA CHSW Human Services - Radiology, MA- Medical Assistant, Nurses Aid</td>
</tr>
<tr>
<td>7</td>
<td>UAF</td>
<td>732.16 UAF College of Engineering and Mines</td>
</tr>
<tr>
<td>8</td>
<td>UAF</td>
<td>688.22 UAF School of Natural Resources and Agricultural Sciences</td>
</tr>
<tr>
<td>9</td>
<td>UAF</td>
<td>649.9 UAF School of Management</td>
</tr>
<tr>
<td>10</td>
<td>UAA</td>
<td>618.49 UAA Community and Technical College</td>
</tr>
</tbody>
</table>
# FY 13 & FY14 Video Room Builds

<table>
<thead>
<tr>
<th>FY 13</th>
<th>FY 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sitka Johnson Lecture Hall</td>
<td>UAF Murie 130,230,330,104</td>
</tr>
<tr>
<td>Sitka 106</td>
<td>Bethel Maggie Lind Building 208</td>
</tr>
<tr>
<td>Sitka 110 refresh</td>
<td>Sitka 206 refresh</td>
</tr>
<tr>
<td>Matsu Paramedic Classroom</td>
<td>Sitka 117 refresh</td>
</tr>
<tr>
<td>Matsu Paramedic Ambulance Bay</td>
<td>Juneau Anderson Building</td>
</tr>
<tr>
<td>Anchorage LEND Program</td>
<td>Kenai KPC 105, 203, 206</td>
</tr>
<tr>
<td>Bethel Maggie Lind Building 106</td>
<td>Nome Library refresh</td>
</tr>
<tr>
<td>Bethel Maggie Lind Building 147</td>
<td>Juneau Lena Point 101</td>
</tr>
<tr>
<td>UAF WRRB 010</td>
<td>Palmer Farm refresh</td>
</tr>
<tr>
<td>UAF WRRB 210</td>
<td>UAF Bunnell 226B</td>
</tr>
<tr>
<td>UAF Career &amp; Technical College 409</td>
<td>UAF O’Neill 210 refresh</td>
</tr>
<tr>
<td>UAF Arctic Health 107</td>
<td>UAF University Park 160, 155</td>
</tr>
<tr>
<td>UAF Murie 107</td>
<td>Statewide Butrovich 104, 109 refresh</td>
</tr>
<tr>
<td></td>
<td>UAF Aviation Hanger</td>
</tr>
</tbody>
</table>
Video Conferencing Costs
FY12-FY14

Total Cost

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY12</td>
<td>$876,326</td>
</tr>
<tr>
<td>FY13</td>
<td>$898,873</td>
</tr>
<tr>
<td>FY14</td>
<td>$963,115</td>
</tr>
</tbody>
</table>
Video Conferencing expense breakdown

FY12

- Labor (includes Staff Benefits thru 6/30/12): $99,884
- Travel: $14,374
- Contractual Services: $9,371
- Bandwidth: $5,182
- ISDN Line: $5,400
- Mx Contracts & Software Licenses: $48,000
- Commodities: $5,182
- Computer Supplies: $6,171
- Total: $545,522

FY14

- Labor: $140,000
- Travel: $40,000
- Contractual Services: $45,000
- Bandwidth: $45,000
- ISDN Line: $48,000
- Mx Contracts & Software Licenses: $10,700
- Commodities: $5,400
- Computer Supplies: $15,000
- Total: $579,026
Note: This was not a mandatory reporting field on the video conference request form, so many departments put zero. This field became mandatory in FY13.
Streaming, Recording and Desktop Video
Questions, Comments?
P05.07.040. University of Alaska Postsecondary Education Savings Program: Introduction.

The Education Trust of Alaska (the “Trust”), formerly the University of Alaska Savings Trust, was established by the Board of Regents to facilitate administration of the University of Alaska Postsecondary Education Savings Program (the “College Savings Program”). The College Savings Program consists of the Advance College Tuition (“ACT”) Savings Fund and the Alaska Higher Education Savings Trust, which were both established in accordance with through the Alaska College Savings Act, AS 14.40.802 – 14.40.817. The College Savings Program in turn Trust provides the basis for the related savings plans which may be authorized, from time to time, to further the purposes of the Trust and the College Savings Program. This policy provides for the administration, management, promotion, and marketing of the Trust and the College Savings Program.

P05.07.041. Purposes of the Trust and College Savings Program.

The Trust and the College Savings Program are intended to:

A. promote attendance at the university;
B. reduce financial barriers to obtaining a postsecondary education;
C. provide affordable access to a postsecondary education;
D. encourage higher academic performance in grades 7 through 12, and enhance opportunities for students to complete their secondary and postsecondary education;
E. encourage and help participants provide for the increasing cost of higher education;
F. secure the payment of participant account balances and to secure the tuition value guarantee for ACT participants who attend the university.

P05.07.042. Trust Responsibilities.

A. By establishing the Trust and adopting this policy, the board acknowledges and accepts, on behalf of the university, the fiduciary duties and responsibilities associated with the university serving as trustee. These duties and responsibilities are more fully described in the policies adopted by for the Education Trust of Alaska and the Declaration of Trust and its exhibits and attachments and include maintaining the Trust in compliance with Section 529 of the Internal Revenue Code of 1986, as amended. The Declaration of Trust and policies adopted for Education Trust of Alaska is are incorporated into this policy by this reference.
B. In accordance with the Declaration, the president is appointed Trust Administrator and delegated all powers and authority necessary and convenient to administer, operate, and manage the Trust and College Savings Program, including:

1. modifying, suspending or terminating, all or a portion of, the Trust and the College Savings Program;

2. making final interpretations regarding the terms of the Trust and the College Savings Program;

3. providing for the final administrative resolution of all disputes and claims by participants, contractors, and others arising out of the administration, operation, and management of the Trust and the College Savings Program;

4. entering into contracts for program management services;

5. further delegating such powers and authority as the president considers necessary or convenient to effectively administer, operate, and manage the Trust and the College Savings Program.

C. The Trust Administrator shall cause an annual report for each plan offered by the Education Trust of Alaska to be prepared and made available to all participants and prospective investors either by inclusion on the applicable website or direct mail to the address of record.

P05.07.043. Continuation of ACT Savings Fund.

A. The board authorizes the transfer of the ACT Savings Fund, including all participant accounts and administrative funds, to the Trust, to secure obligations to participants and to accomplish the purposes of the Trust and the College Savings Program.

B. To the extent allowed by law:

1. all of the benefits, duties, and responsibilities under AS 14.40.802 shall apply to ACT participants and beneficiaries and

2. the terms and conditions of the Trust and the College Savings Plan shall replace and supersede the terms and conditions of the former ACT Plan.

The transfer shall be effective on such date and in such manner as may be determined by the president.

(12-06-02)
P05.07.044. Definitions for P05.07.040—05.07.044.

In P05.07.040—05.07.044,
A. “ACT” means Advance College Tuition;
B. “College Savings Program” means the University of Alaska Postsecondary Education Savings Program;
C. “Declaration” means the Declaration of Trust and its exhibits and attachments; and
D. “the Trust” means the Education Trust of Alaska, formerly the University of Alaska Savings Trust.

(12-06-02)

PROPOSED FINAL LANGUAGE

P05.07.040. University of Alaska Postsecondary Education Savings Program: Introduction.

The Education Trust of Alaska (the “Trust”), formerly the University of Alaska Savings Trust, was established by the Board of Regents to facilitate administration of the University of Alaska Postsecondary Education Savings Program (the “College Savings Program”). The College Savings Program consists of the Advance College Tuition (“ACT”) Savings Fund and the Alaska Higher Education Savings Trust, which were established through the Alaska College Savings Act, AS 14.40.802 – 14.40.817. The Trust provides the basis for the related savings plans which may be authorized, from time to time, to further the purposes of the Trust and the College Savings Program. This policy provides for the administration, management, promotion, and marketing of the Trust and the College Savings Program.

(12-06-02)

P05.07.041. Purposes of the Trust and College Savings Program.

The Trust and the College Savings Program are intended to:

A. promote attendance at the university;
B. reduce financial barriers to obtaining a postsecondary education;
C. provide affordable access to a postsecondary education;
D. encourage higher academic performance in grades 7 through 12, and enhance opportunities for students to complete their secondary and postsecondary education;
E. encourage and help participants provide for the increasing cost of higher education;
F. secure the payment of participant account balances and to secure the tuition value guarantee for ACT participants who attend the university.

(12-06-02)
P05.07.042. Trust Responsibilities.

A. By establishing the Trust and adopting this policy, the board acknowledges and accepts, on behalf of the university, the fiduciary duties and responsibilities associated with the university serving as trustee. These duties and responsibilities are more fully described in the policies adopted for the Education Trust of Alaska and the Declaration of Trust and its exhibits and attachments and include maintaining the Trust in compliance with Section 529 of the Internal Revenue Code of 1986, as amended. The Declaration of Trust and policies adopted for Education Trust of Alaska are incorporated into this policy by this reference.

(_______)

P05.07.043. Continuation of ACT Savings Fund.

A. The board authorizes the transfer of the ACT Savings Fund, including all participant accounts and administrative funds, to the Trust, to secure obligations to participants and to accomplish the purposes of the Trust and the College Savings Program.

B. To the extent allowed by law:

1. all of the benefits, duties, and responsibilities under AS 14.40.802 shall apply to ACT participants and beneficiaries and

2. the terms and conditions of the Trust and the College Savings Plan shall replace and supersede the terms and conditions of the former ACT Plan.

The transfer shall be effective on such date and in such manner as may be determined by the president.

(12-06-02)
I. INTRODUCTION

The Education Trust of Alaska (the “Trust”), formerly the University of Alaska Savings Trust, was established on April 20, 2001 by the University of Alaska Board of Regents (the “Board”), to implement and manage the Alaska College Savings Program in accordance with Section 529 of the Internal Revenue Code of 1986, as amended (the “Code”), the Alaska College Savings Act (AS 14.40.802 – 14.40.817) (the “Act”), and the applicable Investment Powers and Duties (AS 37.10.071) (the “Investment Powers”). The University of Alaska serves as trustee (the “University” or “Trustee”) for the Trust. The primary purposes of the Trust are to secure obligations to participants including the ACT Tuition-Value Guarantee and to help participants save for the increasing cost of postsecondary education.

The Trust currently offers three college savings plans, the University of Alaska College Savings Plan (the “UA Plan”), the T. Rowe Price College Savings Plan (the “TRP Plan”), and the John Hancock Freedom 529 (the “JH Plan”). The UA Plan and the TRP Plan are sometimes collectively referred to as the direct plan or plans (the “Direct Plan(s)”) and the JH Plan as the advisor sold plan (the “Advisor Sold Plan”).

T. Rowe Price Associates serves as program manager (the “Program Manager” or “T. Rowe Price”) for all three college savings plans administered by the Trust, including the UA Plan, the TRP Plan and the JH Plan. John Hancock Distributors LLC has been engaged by T. Rowe Price to construct and distribute the JH Plan through financial advisors.

II. PURPOSE AND SCOPE

This Governance and Investment Policy (the “Policy”) and other related policies of the Board applicable to the Education Trust of Alaska (P05.07.040 – 05.07.043) are intended to establish a framework that will provide a guide to implementation and administration of the terms and conditions of the Declaration of Trust, the college savings plans, the disclosure documents, and the requirements of law. This Policy is adopted by and changes are subject to the approval of the Board.

III. ADMINISTRATION

The Board of Regents is responsible for the overall stewardship of the Trust. The Regents’ Audit Committee (the “Committee” or the “Audit Committee”) shall provide the primary oversight of the College Savings Program and activities of the Trust on behalf of the Board. The University President (“President”) shall appoint a Trust Administrator to conduct the day-to-day business affairs of the Trust and advise the University’s Chief Finance Officer (“CFO”) and the Board on issues related to the College Savings Program and Trust.
IV. FIDUCIARY DUTIES

The Board, the Audit Committee, the President, the Trust Administrator, and others while serving in a fiduciary capacity for the Trust have the duties of undivided loyalty, reasonable care, and obedience. “Undivided loyalty” in that fiduciary decisions must be made in the best financial interest of the respective portfolio or fund and the beneficiaries must be treated with impartiality; “reasonable care” in that the prudent expert standard shall apply to all fiduciary activities and that delegated duties are performed adequately shall be sought; and “obedience” in that fiduciaries shall comply with the law and be faithful to the goals of the organization. For all non-fiduciary matters, except for professionals or experts engaged by the Trust or the Program Manager, the prudent person standard shall apply.

V. PRIMARY INVESTMENT GOAL, PRINCIPLES AND CONSIDERATIONS

The Primary Investment Goal of the Trust is to achieve a market rate of return or greater, which is consistent with the expected risk profile and needs of the intended beneficiary.

The greatest investment risk is the probability of not meeting the Primary Investment Goal. In order to minimize this risk the Program Manager, the Trust Administrator in conjunction with the CFO, and the Board shall consider this risk in all aspects of the investment decision-making process, including the structure of each portfolio, asset allocation, fund selection, reporting and monitoring. Achievement of the Primary Investment Goal will be driven by the following core considerations:

- **Time Horizon:** Investment strategies may take a long-term perspective, unless the life cycle of a particular portfolio or its expected use by participants is limited.
- **Total Return:** The portfolios of the Trust shall be managed on a Total Return basis without regard to the distinction between current income and net realized or unrealized gains and losses.
- **Liquidity:** The portfolios shall only be invested in underlying investments or funds that are marked-to-market daily and do not hold significant proportions of illiquid investments.
- **Volatility:** The expected level of volatility of a portfolio shall be considered in the development, implementation and management of each of the portfolios.
- **Diversification:** The diversity of positions among the various investments of the portfolios shall be considered in the development and implementation of the portfolios.
- **Fees and Expenses:** Fees and expenses associated with investment activities shall be reviewed on a periodic basis and the Program Manager and Trust Administrator shall strive to maintain such fees and expenses at reasonable levels.
- **Inflation:** The Consumer Price Index (“CPI”) shall be used as the measure of inflation for purposes of meeting inflation objectives of the portfolios.
VI. INVESTMENT PHILOSOPHY

The Primary Investment Goal is to achieve a market rate of return or greater, which is consistent with the expected risk profile and needs of the intended beneficiary. The cost increase of education has far exceeded the increase in family income for decades resulting in excessive borrowing and unsustainable debt burdens for students and their families. Every $1 of savings for a young child can help a family avoid $2 to $3 in debt payments later in life. As such, each portfolio will strive to offset, to the extent practicable within its risk parameters, the impact of the increasing cost of education.

This philosophy provides a framework intended to guide the investment process and strategies employed to achieve the Primary Investment Goal. The philosophy is critical to structuring the portfolios and establishing a plan to accomplish the purposes of the overall College Savings Program. Underlying this philosophy are the basic beliefs that the public markets are generally efficient, sensitive to the economic environment, and reflect the growth of the real economy; expected returns are roughly proportional to the risk assumed; diversification is the primary defense against material losses; and liquidity is essential to meeting the higher education funding needs of the beneficiaries.

The philosophy favors a diversified combination of long-term allocations and modest use of tactical allocations to incorporate near-term market outlook. Equity securities consisting of domestic, international and emerging market funds will serve as the primary growth driver for the longer-term portfolios. Fixed income investments shall include U.S. investment grade bonds as well as allocations to diversifying sectors of the bond market, such as high yield bonds, emerging market bonds, and non-dollar bonds. The fixed income investments will primarily provide income, diversification, more predictable cash flows, and less volatility than equities. Inclusion of allocations to diversifying sectors of the bond market, such as high yield bonds, emerging market bonds, and non-dollar bonds may offer the potential for higher return over time as well as the potential to moderate volatility relative to a portfolio of only U.S. investment grade bonds. Real assets and inflation focused bonds (TIPS) will help provide short-term inflation protection. These will be supplemented by other value added investments and strategies depending upon economic and market conditions.

Monte Carlo analysis will be the primary building block used to structure the portfolios and develop target asset allocations. Active management by high quality managers will provide the best opportunity for above average performance; however, passive strategies may also be utilized to reduce tracking error associated with active management and to achieve lower expense ratios. Fees and expenses can have a major impact on performance over time; therefore the Trust will strive to maintain fees at reasonable levels where practicable.
VII. TARGET ASSET ALLOCATION

The Program Manager shall identify the target asset allocation and underlying investment funds that it believes will offer a reasonable probability of achieving each portfolio’s intended objectives within a framework of commonly accepted risk factors. The Trust Administrator shall annually review and evaluate the asset allocation. If applicable the Trust Administrator will request that the Program Manager recommend alternative options for meeting the portfolio’s objectives as considered appropriate.

VIII. ASSET ALLOCATION REBALANCING

The asset allocation shall be rebalanced regularly by the Program Manager to minimize extraordinary deviations. The Program Manager shall report to the Trust Administrator each quarter the tactical variations from neutral asset allocation level as of the end of the quarter, significant deviations from the planned asset allocations (those deviations that are outside of the pre-defined asset allocation variance bands), and the plan to correct such deviations if not already corrected. The current target allocation to a broad asset class is not expected to vary from its predetermined target allocation by more than plus or minus 5%. Any variance of the target allocation for a broad asset class may be applied to any combination of funds, or to any single fund, within that broad asset class. There may be short-term variances from adjusted target allocations to allow for changing conditions, such as market fluctuations, cash flows and authorized tactical allocation strategies.

IX. INVESTMENT OPTIONS

In order to help participants meet their savings goals, the Trust will offer a broad range of investment options across the traditional risk/return continuum for a diverse group of investors that have varying levels of risk tolerance and knowledge of investment principles.

The TRP Plan investment options include a series of enrollment-based and static portfolios, as follows:

- **Eight enrollment-based portfolios:** These portfolios are structured to provide a balance of risk and earnings potential that is adjusted by the Program Manager from aggressive to conservative over time as the expected period of enrollment approaches. The portfolios range from an aggressive portfolio, generally intended for beneficiaries that are newborns and the very young, to a conservative portfolio, intended for beneficiaries attending or about to attend college and those individuals who are risk averse. When a portfolio is within 15 years of moving into the Portfolio for College, the portfolio’s assets will typically be shifted every quarter to more conservative allocations through increased exposure to fixed income. Assets are moved to the Portfolio for College in the year corresponding to the title of the portfolio.
Five static portfolios: These portfolios are structured with an asset allocation that remains constant within specified ranges for the life of the portfolio. These portfolios are designed to facilitate the development of custom asset allocations by participants or to supplement other investments by the participant.

- **Equity Portfolio:** This portfolio consists primarily of stock funds and is intended to provide greater earnings potential for investors with higher risk tolerance and/or a long-term investment horizon.

- **Total Equity Market Index Portfolio:** This portfolio consists primarily of stocks and invests in a passively managed fund. The portfolio seeks to match the performance of the entire U.S. stock market, but does not attempt to fully replicate the index by holding each of those stocks.

- **Fixed Income Portfolio:** This portfolio consists primarily of bond funds and is intended to provide income for investors with a relatively low risk tolerance, a shorter investment horizon, or a preference for fixed income investments.

- **Balanced Portfolio:** This portfolio consists of an allocation of approximately 60 percent (60%) stock funds and 40 percent (40%) fixed income funds. This portfolio is designed to blend the earnings opportunities of an aggressive portfolio and the capital preservation potential of a conservative portfolio for investors with a moderate risk tolerance and/or an intermediate investment horizon.

- **Money Market Portfolio:** This portfolio consists of a money market fund and is intended to preserve investment principal, while offering modest current income, by investing in high-quality, U.S. dollar-denominated money market securities of U.S. and foreign issuers. The portfolio is designed primarily for conservative investors who may have a Beneficiary nearing college enrollment or who may want to dollar cost average large contributions into other portfolios.

The UA Plan investment options are identical to those of the TRP Plan except for the inclusion of one additional portfolio, the ACT Portfolio.

- **ACT Portfolio:** This portfolio uses a moderate-risk, broad-based diversification, and low management fee approach and invests primarily in a combination of U.S. bond and U.S. stock index funds. The portfolio may also invest in funds focused on high-quality money market instruments and investment-grade bonds with weighted average effective maturities of three years or less. The allocations are adjusted periodically to their optimal levels within predefined asset allocation ranges based on market conditions as determined by the investment manager. The authorized investment ranges are 35 percent (35%) to 45 percent (45%) stock funds, 15 percent (15%) to 65 percent (65%) bond funds, and zero percent (0%) to 40 percent (40%) money market funds. This portfolio is designed for those who may be interested in attending the University of Alaska, investors with modest risk tolerance and earnings expectations, and those seeking a low fee investment option. The portfolio carries a
guarantee by the Trust that the long-term earnings on the portfolio will keep pace with tuition inflation at the University of Alaska, if used to pay tuition at the University of Alaska for the beneficiary. There are no fees on moneys invested in the ACT Portfolio and participants are not subject to the annual account fee.

The JH Plan investment options are intended to provide intermediaries (financial advisors and brokers) with the opportunity to match their client’s college savings needs with their particular risk tolerance and investment goals. The investment options include a series of enrollment-based, static, lifestyle, and individual fund portfolios, as follows:

- **Six enrollment-based portfolios:** These portfolios are structured to provide a balance of risk and earnings potential that is adjusted by the Program Manager from aggressive to conservative over time as the expected period of enrollment approaches. Portfolios range from an aggressive portfolio, generally intended for beneficiaries that are newborns and the very young, to a conservative portfolio generally intended for beneficiaries attending or about to attend college or for individuals who are risk averse. In general, once a portfolio is within 15 years of its target college enrollment date, the portfolio’s assets will be shifted every quarter to more conservative allocations to reflect the need for reduced investment risks and lower volatility. Assets are automatically moved to the College Portfolio in the second quarter of the last year in the title of the portfolio, at which point the asset mix of the portfolio generally stops becoming more conservative over time.

- **Five static portfolios:** Two of these portfolios target a constant asset allocation for the life of the portfolio and three have pre-defined asset allocation ranges for each asset class within which the Program Manager may vary the allocation.
  - **The Future Trends Portfolio:** This portfolio is an aggressive sector-based equity portfolio consisting of three sector-based stock funds and is intended to provide high earnings potential for investors with relatively high-risk tolerance and/or long-term investment horizons. This portfolio will be invested in the underlying stock funds within pre-defined ranges.
  - **The Equity Portfolio:** This portfolio consists primarily of stock funds and is intended to provide greater earnings potential for investors with higher risk tolerance and/or a long-term investment horizon.
  - **The Fixed Income Portfolio:** This portfolio consists primarily of bond funds and is intended to provide income for investors with a relatively low risk tolerance, a shorter investment horizon, or a preference for fixed income investments.
  - **The Short-Term Bond Portfolio:** This portfolio emphasizes investment in high-income, short-term bonds. The portfolio’s characteristics reflect a lower-risk investment approach, with the goal of preserving capital.
  - **The Money Market Portfolio:** This portfolio consists of a money market fund and is intended to preserve investment principal, while offering modest
current income, by investing in high-quality, U.S. dollar-denominated money market securities of U.S. and foreign issuers. The portfolio is designed primarily for conservative investors who may have a Beneficiary nearing college enrollment or who may want to dollar cost average large contributions into other portfolios.

➢ **Three Lifestyle Portfolios:** Each portfolio will invest in a matching John Hancock Lifestyle Portfolio that is invested in a number of different mutual funds managed by a host of high quality investment managers. Similar to the static portfolios, the lifestyle portfolios target a constant asset allocation and utilize a broader range of asset classes, managers, and investment styles to meet their objectives.

  - **The Lifestyle Growth 529 Portfolio:** This portfolio seeks long-term growth of capital by investing approximately 80% of its assets in equity funds and approximately 20% in fixed-income funds.
  - **The Lifestyle Balanced 529 Portfolio:** This portfolio seeks to provide a balance between a high level of current income and growth of capital, with a greater emphasis on growth of capital. The portfolio invests approximately 60% of its assets in equity funds and approximately 40% in fixed-income funds.
  - **The Lifestyle Moderate 529 Portfolio:** This portfolio seeks to provide a balance between a high level of current income and growth of capital, with a greater emphasis on income. The portfolio invests approximately 40% of its assets in equity funds and approximately 60% in fixed-income funds.

➢ **Eight individual portfolios:** These portfolios will invest only in one specific mutual fund, each with a specific style, asset class, or investment strategy. The portfolios are intended to supplement broader self- or advisor-directed allocations or to supplement other investments. Each is managed by a high quality investment firm.

**X. PORTFOLIO PERFORMANCE REVIEW AND BENCHMARKS**

Performance for each portfolio and underlying investment fund shall be measured on a regular basis against several benchmarks in order to evaluate its performance relative to the general market and its peers. The portfolios and underlying investment funds will be assigned asset and/or style class benchmarks and peer group benchmarks approved by the University’s CFO. Each portfolio will be evaluated relative to a broad weighted asset class performance benchmark and a Morningstar universe composed of similar 529 plan portfolios. The underlying investment funds will be evaluated relative to a style class performance benchmark and the appropriate Morningstar and Lipper peer group.

Because underperformance of a portfolio can generally be traced directly to the underperformance of one or more underlying mutual fund investments, the Trust Administrator may classify certain underlying mutual funds as “Funds of Special
Interest.” These funds will be the subjected to of more in-depth review and attention during performance reporting sessions as well as consideration for replacement or other action. In general, funds classified as “Funds of Special Interest” will be funds with consistent significant underperformance relative to its benchmark; material underperformance (bottom quartile) or outperformance (top decile) relative to its peers on an annual and/or rolling three year period; or a fund that has simply raised the concern of the Trust Administrator or the Program Manager’s internal oversight committee.

On a semi-annual basis a meeting will be held in which the Program Manager will provide an in-depth formal report on the performance of the portfolios and the underlying mutual fund investments. This will include performance of the portfolios and underlying mutual funds relative to their respective benchmarks, portfolio attribution analysis, Morningstar’s peer group percentile ranking for the portfolios, Lipper and Morningstar percentile rankings for the underlying mutual funds, and a supplemental report on Funds of Special Interest. On the two quarters that don’t fall on the semi-annual cycle, the Program Manager will provide a summary of investment performance that includes performance relative to asset and style class benchmarks, Morningstar’s peer group percentile ranking for the portfolios, and the tactical variances from the neutral target allocations of the applicable portfolios.

XI. DELEGATION AND ASSIGNMENT OF DUTIES AND AUTHORITY

Effective and cohesive relationships between the Board, the Audit Committee, the President, the CFO, the Trust Administrator, the Program Manager, Investment Advisors, and others are important to fulfilling the purposes of the Trust. The major duties and responsibilities of the parties are assigned and authority delegated as presented below. Authority to carry out the duties delegated or assigned to the Audit Committee, President, or the Trust Administrator may be further delegated to qualified members of the University of Alaska staff or independent contractors.

1. Board Responsibilities:
   - Assure the overall stewardship of the Trust assets in accordance with Section 529 of the Code, the Act, and the Investment Powers, as each may be amended or restated from time to time;
   - Adopt the policies needed for the prudent administration of the Trust and investment of Trust assets;
   - Adopt amendments to the Declaration of Trust;
   - Approve the selection and termination of the Program Managers;
   - Delegate authority and assign duties to the Audit Committee, the President, the CFO, and the Trust Administrator; and
   - Review the financial condition, investment management, and administrative activities of the Trust on a regular basis.
2. **Audit Committee Responsibilities:**
   - Review and select the process for solicitation and selection of a Program Manager and Investment Advisors;
   - Develop recommendations for the Board regarding policy issues related to the Trust and the College Savings Program; and
   - Review the conduct and outcome of due diligence activities of the Trust Administrator on a semi-annual basis.

3. **University President’s Responsibilities:**
   - Notwithstanding delegations to other University employees or contractors herein, the President is delegated all powers and authority necessary and convenient to administer, operate, and manage the Trust and College Savings Program;
   - Approve amendments to the College Savings Plans and General Conditions; and
   - Appoint a Trust Administrator on the recommendation of the CFO to conduct the day-to-day operations and activities of the Trust.

4. **University Chief Finance Officer’s Responsibilities:**
   - Oversee the due diligence and other College Savings Program activities of Trust Administrator;
   - Approve guidelines for the conduct of due diligence for the Trust and the College Savings Program;
   - Approve performance benchmarks for the evaluation of individual portfolios and underlying investment funds; and
   - Approve due diligence guidelines and procedures for evaluation of portfolios and underlying investment funds.

5. **Trust Administrator Responsibilities:**
   - Support the initiatives of the Board, the Committee, and the President;
   - Facilitate communications with and between the Board, the Committee, the President, the Program Manager, and Investment Advisors;
   - Report to the Committee, the Board, and the CFO on a regular basis the investment performance and material matters related to administration of the Trust and the College Savings Program;
   - Report to the Committee, the Board, and the CFO any litigation or violations of applicable laws or regulations involving the Trust, the Program Manager,
Investment Advisors or underlying fund managers that come to the attention of the Trust Administrator;

- Make final interpretation regarding the terms of the Trust and the College Savings Program;
- Provide for final administrative resolution of all disputes and claims by participants, contractors, and others arising out of the administration operation and management of the Trust and the College Savings Program;
- Monitor laws and regulations for compliance and reporting and establish systems and procedures to assure compliance with external requirements;
- Monitor investment and operating processes and activities to assure compliance with this Policy, the Program Management Agreement with TRP, and each Plan’s disclosure documents;
- Cause an annual report for each Plan offered by the Trust to be prepared and made available to all participants by direct mail or inclusion on the applicable website;
- Cause an annual financial audit of the Trust and affiliated Plans;
- Comply with MSRB continuing disclosure requirements on a timely basis;
- Review and approve all disclosure documents;
- Review portfolio asset allocations periodically and develop recommendations for consideration by the Program Manager;
- Review and evaluate the fees and costs assigned to the various portfolios and underlying investment funds on a periodic basis;
- Execute agreements with program and investment managers, advisors and other entities as may be considered necessary or desirable for operation of the Trust;
- Serve as primary contact and relationship manager for the Program Managers, distributors, and Investment Advisors; and
- Perform all administrative duties necessary for the efficient administration of the Trust that have not been delegated or assigned to others by the President.

6. **Investment Advisor Responsibilities:**

- Prepare investment performance evaluation reports at least annually and more frequently as may be requested by the Trust Administrator;
- Monitor manager adherence to fund mandates and report to the Trust Administrator significant deviations that may come to the advisors attention;
- Recommends changes in investment strategy, asset allocation, underlying fund investments, and benchmarks to the Trust Administrator, as considered appropriate;
• Provide background and other qualitative information on managers and sub-advisors, asset classes, investment products and funds, as requested;

• Provide research and advise the Trust Administrator on investment issues, as requested;

• Notify the Trust Administrator of any significant changes in personnel or ownership, litigation or violation of laws or regulations, or noteworthy events regarding the advisor and/or any investment manager for the Trust, which may come to the attention of the Advisor;

• Provide the Trust Administrator with the Advisor's capital market assumptions, upon request; and

• Attend Audit Committee meetings, as may be requested.

5. **Program Manager Responsibilities:**

• Provide assistance in development, implementation and maintenance of the program, including recordkeeping, distribution, marketing, customer relations, investment management, compliance, and reporting services;

• Provide a quarterly report to the Trust Administrator on the status of the capital markets, performance of the College Savings Program’s portfolios and underlying investment funds, updates on legal and legislative activities, participant complaints, and marketing and operations activities;

• Provide a brief monthly report to the Trust Administrator regarding the performance of each Plan’s portfolios and underlying investment funds and respond to inquiries, as may be requested by the Trust Administrator;

• Notify the Trust Administrator as soon as practicable of any violations of applicable laws and regulations, litigation, key staff or ownership changes, or other material events that come to the Program Manager’s attention, which may impact the Trust or its program;

• Provide the Trust Administrator annually with a copy of the Program Manager's Form ADV Parts I and II, a copy of its annual report including its audited financial statements, and applicable SSAE 16 reports; and

• Comply with the regulatory provisions of the law and the terms and conditions of the Program Management Agreement, the Declaration of Trust, and Plan disclosure documents.

**XII. CONFLICTS OF INTEREST**

Members of the Board, the Trust Administrator, and other staff responsible for making or advising on administrative or investment matters of the College Savings Program shall comply with this Conflict of Interest provision, the University of Alaska Ethics Policies
and Regulations, and the Alaska Executive Branch Ethics Act (AS 39.52, hereafter AEBEA) to the extent that it is more restrictive than this Conflict of Interest provision, the University of Alaska Ethics Policies and Regulations. All other persons providing advice to the Audit Committee or the Board on administrative or investment matters shall disclose at the beginning of any discussion or consideration of any issue, any relationships, material interest or beneficial ownership, which the person has or may reasonably be expected to have, with respect to the issue(s) under discussion or consideration. This provision is not intended to apply to the payment of ordinary fees and expenses to the Program Manager or Investment Advisors in the course of their services on behalf of the Trust.

Any member of the Board or employee responsible for making decisions or providing independent advice on administrative or investment matters shall disclose to their respective designated ethics supervisor under the AEBEA any personal or financial interest, including but not limited to remuneration, commission, gift, favor, service, benefit or investment that might reasonably be perceived to influence them in the discharge of their duties before taking any official action that may affect such personal or financial interest as such terms are defined in the AEBEA. Failure to disclose any material issues or benefits may be grounds for disciplinary action or other sanctions permissible under applicable law.

XIII. PRIVACY POLICY*

The Act requires that the name, address, and other information identifying a person as an “Account Owner” or “Beneficiary” in the Trust be confidential. The Trust recognizes its obligation to keep information about each account owner and beneficiary secure and confidential. The Trust has selected T. Rowe Price Associates, Inc. and its affiliates (collectively “T. Rowe Price”) to act as Program Manager for the Trust in providing investment, recordkeeping, and other administrative services for the Plan and John Hancock Distributors LLC to distribute the John Hancock Freedom 529 Plan.**

Collecting and Using Information: Through participation in the Plan, the Trust and T. Rowe Price collect various types of confidential information provided in the Account Agreement, such as the Account Owner’s name and the name of the Beneficiary, Social Security Numbers, addresses, and occupation information. The Trust and T. Rowe Price also collect confidential information relating to Plan transactions, such as Account balances, contributions, distributions, and investments. The Trust and T. Rowe Price will not disclose any such information about Account Owners, former Account Owners, or Beneficiaries to anyone, except as permitted or required by law or in accordance with relevant consent.

Marketing Opt-Out: The Trust, the University, and T. Rowe Price may in the future use the information collected to identify and send the Account Owner information about other savings or investment programs offered by the Trust or by the T. Rowe Price family of companies that might be of interest. If the Account Owner does not wish to receive such marketing material, he or she may call T. Rowe Price toll-free at 1-866-277-1005.
Protection of Information: The Trust, the University, and T. Rowe Price maintain physical, electronic, and procedural safeguards to protect the information about Account Owners and Beneficiaries that each of them collects or uses. These safeguards include restricting access to those individuals who have a need to know the information, such as to those who service the Account, resolve problems, or inform Participants and Beneficiaries of additional products or services where appropriate.

* Specific wording for public notices will be modified as necessary to address the applicable plan and comply with FTC regulations. The notices will be provided to participants or prospective participants as a courtesy, even though the Trust may not be subject to those regulations.

**T. Rowe Price affiliates directly providing services for the Plan are T. Rowe Price Services, Inc. and T. Rowe Price Investment Services, Inc.

XIV. OTHER

Fiscal Year: The fiscal year for the Trust shall be July 1 through June 30.

XV. SUPPLEMENTAL INFORMATION AND DOCUMENTS

The following documents and information are not part of the policy, but are presented to facilitate a better understanding:

1. Section 529 of the Internal Revenue Code of 1986, as amended (the “Code”)


3. Investment Powers and Duties (AS 37.10.071) (the “Investment Powers”)

4. University of Alaska Ethics Policy and Regulations

5. Schedule of Investment Options or Portfolios

6. Schedule of Underlying Investment Funds

7. Schedule of Portfolio and Underlying Fund Benchmarks

8. Schedule of Peer Portfolios

9. Investment and Program review and due diligence procedures
XV. ADOPTION AND EFFECTIVE DATE

This Policy was adopted by the Board on September __, 2013 and is effective immediately.
P05.02.090. Financial Fraud, Waste and Abuse.

A. The Board of Regents, University administrators, faculty and staff are stewards of all resources entrusted to the university and are all responsible for creating an environment in which fraud, waste and abuse of University resources are not tolerated. To further this goal, the president shall adopt regulations providing for the identification, reporting, investigation, and appropriate resolution of allegations of fraud, waste and abuse of University resources.

B. This policy and implementing regulations do not supersede federal or state laws or Regents' Policy or University Regulation governing specific matters, including but not limited to research misconduct, procurement, ethics, corrective action, discrimination, and harassment. In matters governed by specific laws, policies and regulations, this policy applies to the extent it is not contrary to, duplicative of or inconsistent with the terms of a more specific law, policy or regulation.
## UA Foundation

**FY14 Operating Budget BOT Approved**

### Revenues

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td><strong>UA Statewide Institutional Support</strong></td>
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<td>Corporate &amp; Foundation Relations President's Funding</td>
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<td>Spending Distribution from Unrestricted Quasi Endowments</td>
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<td><strong>Annual Endowment Administrative Fee</strong></td>
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<tr>
<td><strong>Subtotal - Annual Endowment Administrative Fee</strong></td>
<td>$2,100,294</td>
</tr>
<tr>
<td><strong>Administrative Fee on Gifts</strong></td>
<td></td>
</tr>
<tr>
<td>Administrative Fee on Gifts (1%)</td>
<td>$125,000</td>
</tr>
<tr>
<td><strong>Subtotal - Administrative Fee on Gifts</strong></td>
<td>$125,000</td>
</tr>
<tr>
<td><strong>Transfer from Unrestricted Fund Balance</strong></td>
<td></td>
</tr>
<tr>
<td>Transfer from Unrestricted Fund Balance</td>
<td>$50,000</td>
</tr>
<tr>
<td><strong>Subtotal - Transfer from Unrestricted Fund Balance</strong></td>
<td>$50,000</td>
</tr>
<tr>
<td><strong>Total All Revenue</strong></td>
<td>$3,197,885</td>
</tr>
</tbody>
</table>
### UA Foundation

**FY14 Operating Budget BOT Approved**

<table>
<thead>
<tr>
<th>Personnel</th>
<th>FY14 BOT Approved Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Expenses</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Foundation Administration/Operations</strong></td>
<td></td>
</tr>
<tr>
<td>President</td>
<td>$88,939</td>
</tr>
<tr>
<td>Executive Director</td>
<td>$144,738</td>
</tr>
<tr>
<td>Board Coordinator/Executive Support</td>
<td>$103,553</td>
</tr>
<tr>
<td>Scholarship Coordinator</td>
<td>$81,702</td>
</tr>
<tr>
<td>Administrative Support</td>
<td>$63,017</td>
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<tr>
<td>Temporary Clerical</td>
<td>$21,670</td>
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<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$503,619</strong></td>
</tr>
<tr>
<td><strong>Advancement Services</strong></td>
<td></td>
</tr>
<tr>
<td>Executive Director Advancement Services</td>
<td>$137,319</td>
</tr>
<tr>
<td>Data Systems Administrator</td>
<td>$116,930</td>
</tr>
<tr>
<td>Data Enhancement Coordinator</td>
<td>$44,802</td>
</tr>
<tr>
<td>Constituent Data Manager</td>
<td>$84,993</td>
</tr>
<tr>
<td>Data Analyst (2)</td>
<td>$154,329</td>
</tr>
<tr>
<td>Gift Processor (2)</td>
<td>$141,474</td>
</tr>
<tr>
<td>Gift/Fund Manager (2)</td>
<td>$186,112</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$865,959</strong></td>
</tr>
<tr>
<td><strong>Finance and Accounting</strong></td>
<td></td>
</tr>
<tr>
<td>Accounting Manager</td>
<td>$141,249</td>
</tr>
<tr>
<td>Accountants (2)</td>
<td>$189,673</td>
</tr>
<tr>
<td>Accounting Specialist</td>
<td>$125,311</td>
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<tr>
<td>Chief Investment Officer</td>
<td>$123,167</td>
</tr>
<tr>
<td>Fiscal Technician</td>
<td>$73,838</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$653,238</strong></td>
</tr>
<tr>
<td><strong>Development</strong></td>
<td></td>
</tr>
<tr>
<td>Corporate &amp; Foundation Relations Officer - Grant Funded</td>
<td>$85,847</td>
</tr>
<tr>
<td>Prospect Research &amp; Management Director</td>
<td>$91,149</td>
</tr>
<tr>
<td>Prospect Research &amp; Management Officer</td>
<td>$78,136</td>
</tr>
<tr>
<td>Director of Planned Giving</td>
<td>$137,836</td>
</tr>
<tr>
<td>Gift Planning Manager</td>
<td>$45,989</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$438,957</strong></td>
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<tr>
<td><strong>Subtotal - Personnel</strong></td>
<td><strong>$2,461,773</strong></td>
</tr>
</tbody>
</table>
## UA Foundation
### FY14 Operating Budget BOT Approved

<table>
<thead>
<tr>
<th>Expenses</th>
<th>FY14 BOT Approved Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Personnel</strong></td>
<td></td>
</tr>
<tr>
<td>Foundation Administration/Operations</td>
<td></td>
</tr>
<tr>
<td>Board Expense</td>
<td>$19,500</td>
</tr>
<tr>
<td>Consultants</td>
<td>$3,000</td>
</tr>
<tr>
<td>Fixtures, Furnishings &amp; Equipment</td>
<td>$5,000</td>
</tr>
<tr>
<td>Investment Committee Expense</td>
<td>$15,000</td>
</tr>
<tr>
<td>Insurance</td>
<td>$10,290</td>
</tr>
<tr>
<td>Meetings - Foundation Board &amp; Committees</td>
<td>$21,500</td>
</tr>
<tr>
<td>Meetings - University Related</td>
<td>$20,000</td>
</tr>
<tr>
<td>Office Expense</td>
<td>$25,000</td>
</tr>
<tr>
<td>Training &amp; Staff Development</td>
<td>$20,000</td>
</tr>
<tr>
<td>Rent</td>
<td>$81,407</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>$220,697</td>
</tr>
<tr>
<td>Advancement Services</td>
<td></td>
</tr>
<tr>
<td>Cash Management Support UAS</td>
<td>$10,000</td>
</tr>
<tr>
<td>Computers &amp; Equipment</td>
<td>$12,000</td>
</tr>
<tr>
<td>Database Expenses</td>
<td>$80,850</td>
</tr>
<tr>
<td>Data Enhancement</td>
<td>$9,500</td>
</tr>
<tr>
<td>Furniture</td>
<td>$3,000</td>
</tr>
<tr>
<td>Office Expenses</td>
<td>$11,000</td>
</tr>
<tr>
<td>Travel and Training</td>
<td>$10,000</td>
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<tr>
<td><strong>Subtotal</strong></td>
<td>$136,350</td>
</tr>
<tr>
<td>Finance and Accounting Expenses</td>
<td></td>
</tr>
<tr>
<td>Audit</td>
<td>$17,000</td>
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<tr>
<td>Consultants</td>
<td>$3,000</td>
</tr>
<tr>
<td>Manager Site Visits</td>
<td>$20,000</td>
</tr>
<tr>
<td>Meetings - Foundation Board &amp; Committees</td>
<td>$10,000</td>
</tr>
<tr>
<td>Office Expense</td>
<td>$13,500</td>
</tr>
<tr>
<td>Training &amp; Staff Development</td>
<td>$13,500</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>$77,000</td>
</tr>
</tbody>
</table>
## UA Foundation
### FY14 Operating Budget BOT Approved

<table>
<thead>
<tr>
<th>Expenses</th>
<th>FY14 BOT Approved Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Development</strong></td>
<td></td>
</tr>
<tr>
<td>Prospect Research &amp; Tracking</td>
<td>$25,138</td>
</tr>
<tr>
<td>Prospect Research &amp; Tracking - Grant Funded</td>
<td>$8,560</td>
</tr>
<tr>
<td>Gift Planning Expenses</td>
<td>$55,000</td>
</tr>
<tr>
<td>Marketing &amp; Communications</td>
<td>$25,000</td>
</tr>
<tr>
<td>Meetings - Donor</td>
<td>$22,500</td>
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<tr>
<td>Stewardship</td>
<td>$17,400</td>
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<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$153,598</strong></td>
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<tr>
<td><strong>Subtotal Non-Personnel</strong></td>
<td><strong>$587,645</strong></td>
</tr>
<tr>
<td><strong>Subtotal - Operating Expenses</strong></td>
<td><strong>$3,049,418</strong></td>
</tr>
<tr>
<td><strong>Special Expenditures</strong></td>
<td></td>
</tr>
<tr>
<td>Special Projects to Support Development</td>
<td>$50,000</td>
</tr>
<tr>
<td><strong>Subtotal - Special Expenditures</strong></td>
<td><strong>$50,000</strong></td>
</tr>
<tr>
<td><strong>Program</strong></td>
<td></td>
</tr>
<tr>
<td>Development Initiative Grants</td>
<td>$0</td>
</tr>
<tr>
<td>President's Discretionary Fund</td>
<td>$17,000</td>
</tr>
<tr>
<td><strong>Subtotal - Program</strong></td>
<td><strong>$17,000</strong></td>
</tr>
<tr>
<td><strong>Total All Expenses</strong></td>
<td><strong>$3,116,418</strong></td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td><strong>$3,197,885</strong></td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td><strong>$3,116,418</strong></td>
</tr>
<tr>
<td><strong>Anticipated Transfer to (from) Fund Balance</strong></td>
<td><strong>$81,467</strong></td>
</tr>
</tbody>
</table>
Date: August 23, 2013

To: Dr. Ashok Roy, Vice President for Finance and Administration

Cc: Sandra Culver, Associate Vice Chancellor, Financial Services – UAA
Raaj Kurapati, Associate Vice Chancellor, Financial Services – UAF
Tom Dienst, Director Business Services - UAS

From: Dr. Russ O’Hare, Chief Records Officer

RE: 2013 Red Flag UA Identity Theft Prevention Program Report

The University of Alaska (UA) Identity Theft Prevention Program (Red Flags) states that “…at least annually university staff responsible for the administration of the program shall report to the Program Administrator on program compliance.” This memorandum provides a summary of program information provided by representatives from UAA, UAF, and UAS.

- There were no reported instances of suspicious activities of covered accounts or incidents of identity theft.
- The MAU’s report the program procedures have strengthened the protection of the university’s customer information.
- There are no recommendations for modifying the program at this time.

Additional information and recommendations follow:

- During FY 13, the Chief Records Officer and the SW Director for Faculty/Staff Training & Development collaborated in the development and implementation of an online version of the UA Identity Theft Prevention Program Training. Thus, allowing employees to access the Identity Theft Prevention Training via UA Online.
- UAS noted experiencing a small number of cases where the identity of individuals requesting student FERPA protected information could not be verified when challenge questions were posed. Information was not released. (This is not specific to FTC Red Flag Identity Theft protection of “covered accounts”.)
- UAS would like to see integrated training on protection of personally identifiable information (PII) that combines legislative and compliance standards of FERPA, HIPPA, HEOA, FTC, and PCI-DSS.
• UAF representatives developed a streamlined version of the UA Identity Theft Prevention Program to provide awareness and familiarization for their employees who do not regularly access or handle covered accounts.

• UAS recommends UA develop a system generated alert email that would be issued to the owner of personally identifiable information when his or her information is updated online in Banner through any of the self-service web based features.

• UAF recommends identifying job families where responsibilities would include access to and handling of sensitive information and expect that employees who fall into these families be required to take the identity theft prevention training.

• UAF recommends that identity theft training be offered as part of the mandatory training expected during the employee on-boarding process.
1. **Executive Summary**

The Board of Regents of the University of Alaska has oversight responsibility of internal and external audit functions, and for ascertaining the existence and adequacy of accounting and internal control systems and safeguards over University assets. The mission of the Office of Audit and Consulting Services (A&CS) is to assist the board and management in the effective discharge of their fiduciary and administrative responsibilities by providing analysis, appraisals, counsel, information and recommendations concerning activities reviewed and by promoting effective controls for the recording and reporting of operational activities and for the custody and safeguarding of assets.

This report contains an overview of the A&CS organization, a summarization of the internal reports issued over the past fiscal year and progress made toward completing the FY2013 audit plan. This report is being provided in accordance with the audit charter, which states:

- **P05.03.020. Organization.**
  - The chief audit executive shall report administratively to the chief finance officer and functionally to the chair of the Audit Committee of the board.

- **P05.03.026. Audit Planning.**
  - The chief audit executive shall independently develop the annual audit plan using a risk-based prioritization of the audit universe.
  - The chief audit executive shall present the audit plan to the Audit Committee for review and approval.
  - Significant deviation from the formally approved plan will be communicated to senior management and the Audit Committee through periodic status reports.

The A&CS charter was developed in accordance with the internal auditing standards promulgated by the International Institute of Internal Auditors:

- **Standard 2010** “The chief audit executive must establish risk-based plans to determine the priorities of the internal audit activity, consistent with the organization’s goals. The internal audit activity’s plan of engagements must be based on a documented risk assessment, undertaken at least annually. The input of senior management and the board must be considered in this process.”

- **Standard 2020** “The chief audit executive must communicate the internal audit activity’s plans and resource requirements, including significant interim changes, to senior management and the board for review and approval.”

- **Standard 2060** “The chief audit executive must report periodically to senior management and the board on the internal audit activity’s purpose, authority, responsibility, and performance relative to its plan...”

The information provided documents how A&CS assists management in mitigating risk and identifying improvements to UA operations. Management responded to the audit report recommendations made over the past year with adequate action plans or accepted the risk of not taking action. Action plans and acceptance of risk were communicated via final audit reports.
2. Organizational Chart and Staff Profile

As of July 2013

University of Alaska Statewide Administration

Board of Regents

Audit Committee

President

Chancellors
UAA, UAF, UAS

General Counsel

Vice President for Finance and Administration/CFO

Nichole Pittman
Chief Audit Executive
CIA, CISA

Vacant
Senior Auditor/Manager

Will Finley
IS Auditor
CISA

Laycie Schnekenburger
Associate Auditor

Weston Davey
Associate Auditor

Anne Doyle
Associate Auditor

Student Intern

Five professional audit staff serve all locations within the UA system. The staff has a variety of specialized subject matter expertise:

- 2 Certified Information Systems Auditors
- 2 Masters of Business Administration
- 1 Certified Internal Auditor

All auditors are pursuing professional certifications.
3. **Audits and Projects Completed in FY13**

During the period from July 2012 to June 2013 the following engagements were completed:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Engagement Title</th>
<th>Assurance Provided Based Upon Procedures Performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>UA System</td>
<td>Sponsored Programs Effort Reporting and Certification</td>
<td>Evaluated processes for compliance with federal requirements. Control improvements are in process for the accounting and monitoring of effort charged to awards.</td>
</tr>
<tr>
<td>UA System</td>
<td>Effort Certification Redesign Project</td>
<td>Evaluated process revisions for compliance with federal requirements and the introduction of new risks. Determined that risks were mitigated. The redesign project helps remediate several of the recommendations from the System-wide Effort Reporting and Certification audit.</td>
</tr>
<tr>
<td>UA System</td>
<td>Banner Upgrade Testing</td>
<td>Followed up on prior audit recommendations from 2005 regarding documented testing plans and acceptance of risk for cross-functional upgrades or testing that was not completed. A&amp;CS plans to perform additional follow-up with UAF in the fall of 2013.</td>
</tr>
<tr>
<td>UA System</td>
<td>Banner Access Controls</td>
<td>Evaluated controls for authorizing and maintaining access in Banner. Control improvement suggestions were made to increase the efficiency and effectiveness of deprovisioning access during transfers between jobs within the UA system and for reviewing access for appropriate segregation of duties.</td>
</tr>
<tr>
<td>UA System</td>
<td>Outsourced IT Services</td>
<td>Evaluated contracting and risk assessment controls for outsourced IT services that involve vendor handling of sensitive university data. Control improvements are in progress for conducting an inventory of IT-related contractual relationships and including IT, security, legal and risk personnel, as relevant, when new outsourced IT service contracts are being processed.</td>
</tr>
<tr>
<td>UA System</td>
<td>Fraud and Ethics Incident Reporting</td>
<td>Conducted a web-based survey and a series of interviews system-wide to evaluate the adequacy of existing methods for reporting suspected fraud or ethical misconduct. As a result, a fraud, waste and abuse policy is being developed. This will be accompanied by a hotline and training on internal controls and fraud identification.</td>
</tr>
<tr>
<td>SW</td>
<td>Banner Program Migration</td>
<td>Followed up on segregation of duties recommendations that had originated from the FYE12 external audit and researched migration processes of other higher education institutions.</td>
</tr>
</tbody>
</table>
Prior issues were satisfactorily addressed.

<table>
<thead>
<tr>
<th>Institution</th>
<th>Activity Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW</td>
<td>Broadband Technology Opportunities Program (BTOP) Evaluated activity for compliance with federal requirements and the award documentation. Results were communicated as informational since the award end date was approaching and the department did not expect to apply for further funding. Unallowable charges were not an issue.</td>
</tr>
<tr>
<td>UAA</td>
<td>Kenai River Campus Data Security Reviewed various aspects of safeguarding data that is subject to regulation such as FERPA, PCI DSS, HIPAA and the FTCs Red Flag Rule.</td>
</tr>
<tr>
<td>UAA</td>
<td>Departmental Cash Receipts Evaluated controls for safeguarding cash receipts, change funds and petty cash. Control improvements are in progress as a result.</td>
</tr>
<tr>
<td>UAA</td>
<td>Mat-Su College Phase I Completed phase I of 2. Evaluated business office functions including cash controls, segregation of duties, bank reconciliations, accounts receivable and grants administration. Control improvements are in progress as a result.</td>
</tr>
<tr>
<td>UAF</td>
<td>Departmental Cash Receipts and Accounts Receivable Evaluated controls for safeguarding cash receipts, change funds and petty cash and controls for processing accounts receivable. Control improvements are in progress for segregation of duties, software controls for various systems used and establishing written procedures to supplement existing Statewide requirements.</td>
</tr>
<tr>
<td>UAS</td>
<td>Human Resources Evaluated the hiring process, classification of grant funded positions, and file maintenance. Control improvements are in progress for ensuring maintenance of required documentation.</td>
</tr>
</tbody>
</table>

### 4. Final Status of the FY13 Audit Plan

The following outlines the status of planned activities for fiscal year 2013. These activities were presented and approved by the Board of Regents Audit Committee in June 2012.

#### Status of FY13 Activities

<table>
<thead>
<tr>
<th>Scheduled Projects Completed</th>
<th>FYE12 External Audit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Year-end Cut-off</td>
</tr>
<tr>
<td></td>
<td>- UAF Utilities Inventory Observation</td>
</tr>
<tr>
<td></td>
<td>- Disbursements</td>
</tr>
<tr>
<td></td>
<td>- Cash</td>
</tr>
<tr>
<td></td>
<td>- Auxiliary Fund Revenues</td>
</tr>
<tr>
<td></td>
<td>- Unexpended Plant Fund Additions</td>
</tr>
<tr>
<td></td>
<td>- Search for Unrecorded Liabilities</td>
</tr>
<tr>
<td></td>
<td>FYE13 External Audit</td>
</tr>
<tr>
<td></td>
<td>- Journal Entries</td>
</tr>
<tr>
<td></td>
<td>- Disbursements</td>
</tr>
<tr>
<td>Added Projects Completed</td>
<td>Projects Completed from Prior Years</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>• Payroll</td>
<td>• FYE12 External Audit</td>
</tr>
<tr>
<td>• Plant Fund</td>
<td>• A-133 Contracts</td>
</tr>
<tr>
<td>• Year-end Cut-off</td>
<td>• Equipment Verification</td>
</tr>
<tr>
<td>• Procurement Card</td>
<td>• Banner Program Migration</td>
</tr>
<tr>
<td>• Search for Unrecorded Liabilities</td>
<td>• System-wide Risk Profile</td>
</tr>
<tr>
<td>• UAA Departmental Cash Receipts</td>
<td>• Signature Authority on Contracts</td>
</tr>
<tr>
<td>• UAA Mat-Su College – Phase I</td>
<td>• President’s Residence Maintenance</td>
</tr>
<tr>
<td>• UAF Departmental Cash Receipts and Accounts Receivable</td>
<td>• Confidential reviews (2)</td>
</tr>
<tr>
<td>• Statewide Restricted Funds (BTOP)</td>
<td>• Banner Access Controls</td>
</tr>
<tr>
<td>• Fraud and Ethics Incident Management</td>
<td>• State of Alaska Executive Travel and Compensation Report</td>
</tr>
<tr>
<td>• Banner Access Controls</td>
<td>• State of Alaska Executive Travel and Compensation Report</td>
</tr>
<tr>
<td>• State of Alaska Executive Travel and Compensation Report</td>
<td>• State of Alaska Executive Travel and Compensation Report</td>
</tr>
</tbody>
</table>

**In Progress**

(includes select FY14 projects)

- UAF Restricted Funds Departmental Budget and Expenditure Monitoring
- UAA Restricted Funds Departmental Budget and Expenditure Monitoring
- UAA Mat-Su College – Phase 2
- Sitka Campus Title III
- Student Enrollment Data Integrity
- FYE13 External Audit
  - Cash
5. **2013 Fiscal Year Goals and Accomplishments**

**Audit and Consulting Services Mission Statement**

The mission of the audit and consulting services department is to assist the board and management in the effective discharge of their fiduciary and administrative responsibilities by providing analysis, appraisals, counsel, information and recommendations concerning activities reviewed and by promoting effective controls for the recording and reporting of operational activities and for the custody and safeguarding of assets.

The International Institute of Internal Auditors (IIA) defines internal auditing as “…an independent, objective assurance and consulting activity designed to add value and improve an organization’s operations. It helps an organization accomplish its objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of risk management, control and governance processes.”

During fiscal year 2013, the department underwent a board-approved title change from the Office of Internal Audit to the Office of Audit and Consulting Services, which was consistent with the existing mission, and the title of the department director to Chief Audit Executive, which was consistent with the IIA’s terminology.

To meet the department’s mission and the definition of internal auditing, the Office of Audit and Consulting Services establishes annual goals in four strategic areas: Audit Engagements, Staffing, Quality Assurance and Outreach.

Accomplishments achieved in fiscal year 2013 are outlined as follows:

<table>
<thead>
<tr>
<th>Audit Engagement Tasks</th>
<th>Accomplishments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Effectively identify the best use of limited audit resources to maximize broad-based coverage in key risk areas.</td>
<td>Used a risk-based process to identify engagements for the audit plan. The process included an executive management survey and discussion, Board of Regents discussion and input, industry analysis and results from prior audits: internal, external and agency. The resulting audit plan was presented to the President, executive management, and to the Audit Committee for their approval.</td>
</tr>
<tr>
<td></td>
<td>A&amp;CS completed 31 engagements and issued 9 reports with recommendations related to grants and contracts compliance, regulatory compliance, data security, systems access, cash handling, accounts receivable, bank reconciliations, and contracting for outsourced IT services.</td>
</tr>
<tr>
<td></td>
<td>Surprise cash counts were performed at two of the three universities.</td>
</tr>
<tr>
<td>2. Maximize benefit of all external audit services.</td>
<td>Acted as a liaison with all external auditors in relation to federal compliance and financial</td>
</tr>
<tr>
<td>Task</td>
<td>Accomplishments</td>
</tr>
<tr>
<td>------</td>
<td>----------------</td>
</tr>
<tr>
<td>3. Make value-added recommendations that identify strengths and system improvements to better meet objectives.</td>
<td>Completed follow-up audit procedures on 235 open recommendations from prior audits, noting that 195 were implemented and the remaining 40 were in-progress.</td>
</tr>
<tr>
<td>4. Identify and effectively respond to risks associated with fraud, waste and abuse.</td>
<td>2 investigations completed.</td>
</tr>
<tr>
<td></td>
<td>4 instances where the potential for fraud, waste or abuse were reviewed and deemed that an investigation was not necessary.</td>
</tr>
<tr>
<td></td>
<td>Reviewed the adequacy of existing reporting methods for fraud, waste and abuse. This lead to the development of a proposed fraud, waste and abuse policy and implementation of a hotline. These are expected to be completed in FY14.</td>
</tr>
</tbody>
</table>

### Staffing Tasks

Employ highly-effective personnel that possess the technical and effective communication skill sets necessary to ensure successful identification and implementation of value-added recommendations.

#### Accomplishments

- Annual career development planning with all audit staff.
- All staff received continuing professional education to improve their performance as required by governmental auditing standards.
- One staff earned a Certified Information Systems Auditor designation issued by the ISACA organization.
- All staff participated in professional organizations to remain current on industry and technical trends as well as to facilitate networking opportunities.
- Staff member participation included Systems of Higher Education Chief Audit Executive forum, Association of College and University Auditors forum, presenter and track coordinator, Pacific Northwest Higher Education Internal Auditors regional conference presenter.

### Quality Assurance Tasks

Employ internal operational practices that comply with auditing standards and promote efficient use of limited resources.

#### Accomplishments

- Received a rating of partially conforms from a peer review conducted by a representative of the University of North Texas in fiscal year 2012.
The majority of recommendations have been addressed successfully, as reported to the Audit Committee during regular meetings.

Modified the audit planning and reporting processes and numerous work paper templates to improve efficiency.

Developed custom reports to facilitate the tracking of progress toward departmental goals.

Completed implementation of the electronic work paper software application *AutoAudit*.

Distributed a customer survey following completed engagements. Reviewed responses with audit team.

The next peer review is scheduled to begin in fiscal year 2015.

<table>
<thead>
<tr>
<th>Outreach Tasks</th>
<th>Accomplishments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide valuable resources through system-wide communication and education to assist campuses in meeting their objectives.</td>
<td>Regularly attended board and executive leadership team meetings to keep informed of changes and provide consultation on current issues and initiatives.</td>
</tr>
<tr>
<td>Provided:</td>
<td>Provided:</td>
</tr>
<tr>
<td>• Resources on risk assessment processes and enterprise risk management theory.</td>
<td>• Resources on risk assessment processes and enterprise risk management theory.</td>
</tr>
<tr>
<td>• Instructions on QMenu Project Administration to departments working with restricted funds.</td>
<td>• Instructions on QMenu Project Administration to departments working with restricted funds.</td>
</tr>
<tr>
<td>• Overview of Internal Controls.</td>
<td>• Overview of Internal Controls.</td>
</tr>
<tr>
<td>• A web application that campuses can use at no cost to monitor their open audit recommendations and submit updates to the A&amp;CS.</td>
<td>• A web application that campuses can use at no cost to monitor their open audit recommendations and submit updates to the A&amp;CS.</td>
</tr>
<tr>
<td>Discussed the importance, and types, of athletics auditing with the President’s Cabinet.</td>
<td>Discussed the importance, and types, of athletics auditing with the President’s Cabinet.</td>
</tr>
<tr>
<td>Discussed compliance and information security within ad-hoc committees.</td>
<td>Discussed compliance and information security within ad-hoc committees.</td>
</tr>
</tbody>
</table>
**Status of FY2014 Annual Audit Plan**

**As of August 29, 2013**

*Italic Items* - have been completed or are in progress

**External Financial Audit Support:**

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year-end Cutoff</td>
<td>Cash</td>
</tr>
<tr>
<td>Procurement Card</td>
<td>Cash</td>
</tr>
<tr>
<td>Payroll</td>
<td>Auxiliary Revenues</td>
</tr>
<tr>
<td>Journal Entries</td>
<td>Unexpended Plant Fund Additions</td>
</tr>
<tr>
<td>Cash Disbursements &amp; Bank Transfers</td>
<td>Search for Unrecorded Liabilities</td>
</tr>
</tbody>
</table>

**Audits and Projects:**

**University of Alaska Anchorage:**
- Student Department Review
- Subcontract Monitoring
- Restricted Funds Monitoring* (FY13)
- Departmental Review** - Mat-Su College Phase II (FY13)
- Restricted Funds Monitoring* (FY13)

**University of Alaska Fairbanks:**
- Student Department Review*
- Athletics

**University of Alaska Southeast:**
- Sitka Campus Title III (FY13)

**Statewide:**
- Department Review
- Training

**Function and System Reviews:**
- Budget
- Construction Project Management and Operations Planning
- Contract Authorization and Administration
- Risk Management

**Information Systems Reviews:**
- OnBase Access Controls**
- Mobile Technology Security

*Specific departments/areas to be determined later
**Carried forward from FY13
UNIVERSITY OF ALASKA

AFFIRMATIVE ACTION SUMMARY REPORT
TO THE
BOARD OF REGENTS
2013

Prepared by the UA Statewide Office of Human Resources

The University of Alaska is an equal opportunity employer.
Board of Regents’ Policy 04.02.012 (B) states the following:

“The University of Alaska seeks to hire, train and promote individuals based on qualifications and demonstrated ability to perform the job. The University is committed to recruit and retain women and minorities in positions where they have been traditionally under-represented. The concept of affirmative action requires that practices that adversely impact protected classes should be eliminated unless the university can demonstrate a legally permissible basis. To accomplish the goals of its affirmative action program, the university encourages employment applications from and makes special efforts to recruit protected classes.”

Annual goals are established for each occupational category in which minorities and females are underutilized. Utilization is a comparison of UA’s current representation to availability in the workforce, based on census data. The purpose of these goals is to achieve parity in the workforce without discriminating against any employee or job applicant.

The University of Alaska continues actively to promote equal employment opportunities for protected groups, and will continue to monitor recruitment efforts and selection decisions.

Overview

The 2013 affirmative action plan has seven different occupational categories (EEO-skill codes), within four major administrative units (MAU), Statewide Administration, UAA, UAF, and UAS. The seven occupational categories are:

10 - Executive and Administrative
20 - Faculty
30 - Professional (non-faculty)
40 - Office and Clerical
50 - Paraprofessionals and Technicians
60 - Crafts and Trades
70 - Service and Maintenance

Total Employees – System Wide by MAU and EEO Category

This chart shows the total number of employees for the 2013 plan year, by minority category and MAU. See pages 10 and 11 for further breakdown by occupational category.

<table>
<thead>
<tr>
<th>MAU</th>
<th>Total Employees</th>
<th>White</th>
<th>Black</th>
<th>Hispanic</th>
<th>Asian</th>
<th>Alaska Native/ American Indian</th>
<th>Hawaiian/ Other PI</th>
<th>Two or More Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW</td>
<td>263</td>
<td>217</td>
<td>7</td>
<td>6</td>
<td>11</td>
<td>7</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td>UAA</td>
<td>1802</td>
<td>1461</td>
<td>43</td>
<td>71</td>
<td>82</td>
<td>62</td>
<td>13</td>
<td>70</td>
</tr>
<tr>
<td>UAF</td>
<td>2150</td>
<td>1781</td>
<td>29</td>
<td>62</td>
<td>88</td>
<td>127</td>
<td>9</td>
<td>54</td>
</tr>
<tr>
<td>UAS</td>
<td>340</td>
<td>291</td>
<td>1</td>
<td>5</td>
<td>17</td>
<td>17</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>4555</td>
<td>3750</td>
<td>80</td>
<td>144</td>
<td>198</td>
<td>86</td>
<td>143</td>
<td>144</td>
</tr>
</tbody>
</table>
Summary of Goal Areas by MAU for Plan Year 2013

The first chart below shows the annual goal areas for minorities and females by occupational category. Most MAU's have goals in some or all of the categories. Each MAU has made progress in some areas, and remained constant or regressed in other areas, as illustrated in the second chart.

<table>
<thead>
<tr>
<th>MAU</th>
<th>Exec/ Admin</th>
<th>Faculty</th>
<th>Professional (non-faculty)</th>
<th>Office &amp; Clerical</th>
<th>Technical/ Paraprof.</th>
<th>Crafts &amp; Trades</th>
<th>Service/ Maint</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW</td>
<td>n/a</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UAA</td>
<td>Minority</td>
<td>Minority</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UAF</td>
<td>Female</td>
<td>Minority/Female</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UAS</td>
<td>Minority</td>
<td>Minority</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The next chart shows goal performance for each EEO Goal Category, by MAU, as follows:

- **P** = Progress: Achieved goal or made progress toward goal from previous year
- **M** = Maintained: Maintained level of representation from previous year
- **R** = Regression: Lower level of representation than previous year
- **n/a** = Does not apply: No employees in this area

<table>
<thead>
<tr>
<th>MAU</th>
<th>Exec/ Admin</th>
<th>Faculty</th>
<th>Professional (non-faculty)</th>
<th>Office &amp; Clerical</th>
<th>Paraprof/ Technical</th>
<th>Crafts/ Trades</th>
<th>Service/ Maint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statewide Goals</td>
<td>n/a</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goal Progress*</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UAA Goals</td>
<td>Minority</td>
<td>Minority</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goal Progress*</td>
<td>Mm, Mf</td>
<td>Rm, Mf</td>
<td>Rm, Mf</td>
<td>Mm, Mf</td>
<td>Pm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
</tr>
<tr>
<td>UAF Goals</td>
<td>Female</td>
<td>Minority/Female</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goal Progress*</td>
<td>Mm, Mf</td>
<td>Rm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
</tr>
<tr>
<td>UAS Goals</td>
<td>Minority</td>
<td>Minority</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goal Progress*</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
<td>Mm, Mf</td>
</tr>
</tbody>
</table>

*Total Goal Progress: Of the seven individual goal categories above, overall change in 2013 was:
- Progress: 1 areas
- Maintenance: 46 areas
- Regression: 3 areas
Goal Summary Details by Occupational Category – 2013 Plan Year

The following provides a detailed explanation of annual goals by occupational category and MAU. It also compares data from the prior plan years (2011 & 2012) with the 2013 plan year and describes progress toward meeting goals, any regression, or if goal progress is consistent with previous plan year. It will also indicate whether the occupational category is being underutilized with females and/or minorities. Underutilization is when you have fewer females and/or minorities in a particular job group than would reasonably be expected by their availability. If there is no underutilization then there is no annual goal(s) needed in the occupational category. It should be noted that the total number of employees in each EEO-skill category and race/ethnicity categories may have changed slightly from previous years at UAA. This is due to the change in their department structure and how they were categorized within the affirmative action plan.

10 – Executive and Administrative

<table>
<thead>
<tr>
<th>Statewide Administration – Executive and Administrative – Employee Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan Year</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>2011</td>
</tr>
<tr>
<td>2012</td>
</tr>
<tr>
<td>2013</td>
</tr>
</tbody>
</table>

- **Minority, Female**: No underutilization, consistent with the previous plan year.

<table>
<thead>
<tr>
<th>UAA – Executive and Administrative – Employee Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan Year</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>2011</td>
</tr>
<tr>
<td>2012</td>
</tr>
<tr>
<td>2013</td>
</tr>
</tbody>
</table>

- **Minority, Female**: No underutilization, consistent with the previous plan year.

<table>
<thead>
<tr>
<th>UAF – Executive and Administrative – Employee Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan Year</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>2011</td>
</tr>
<tr>
<td>2012</td>
</tr>
<tr>
<td>2013</td>
</tr>
</tbody>
</table>

- **Minority**: No underutilization, consistent with the previous plan year.
- **Female**: Underutilization of 2 females with an annual placement goal of 62%, which is slightly higher than previous year.
### UAS – Executive and Administrative – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>2</td>
<td>5</td>
<td>14</td>
</tr>
<tr>
<td>2012</td>
<td>2</td>
<td>4</td>
<td>13</td>
</tr>
<tr>
<td>2013</td>
<td>1</td>
<td>5</td>
<td>14</td>
</tr>
</tbody>
</table>

*Minority, Female*: No underutilization, consistent with the previous plan year.

### 20- Faculty

#### Statewide Administration – Faculty – Employee Count

No employees in this category.

#### UAA – Faculty – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>101</td>
<td>336</td>
<td>642</td>
</tr>
<tr>
<td>2012</td>
<td>99</td>
<td>349</td>
<td>661</td>
</tr>
<tr>
<td>2013</td>
<td>104</td>
<td>356</td>
<td>683</td>
</tr>
</tbody>
</table>

*Minority*: Underutilization of 37 minorities with an annual goal of 24%; which is a regression from the previous plan year.

*Female*: No underutilization, consistent with the previous plan year.

#### UAF – Faculty – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>113</td>
<td>287</td>
<td>696</td>
</tr>
<tr>
<td>2012</td>
<td>119</td>
<td>278</td>
<td>683</td>
</tr>
<tr>
<td>2013</td>
<td>117</td>
<td>282</td>
<td>643</td>
</tr>
</tbody>
</table>

*Minority*: Underutilization of 20 minorities with an annual goal of 23%, which is a regression from the previous plan year with no underutilization.

*Female*: Underutilization of 32 females with an annual goal of 49%, which is slightly higher than the previous plan year.
### UAS – Faculty – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>2</td>
<td>5</td>
<td>14</td>
</tr>
<tr>
<td>2012</td>
<td>6</td>
<td>55</td>
<td>111</td>
</tr>
<tr>
<td>2013</td>
<td>5</td>
<td>54</td>
<td>112</td>
</tr>
</tbody>
</table>

- **Minority**: Underutilization of 13 minorities with an annual goal of 24%, which is slightly higher than previous plan year.
- **Female**: No underutilization, consistent with the previous plan year.

### Statewide Administration – Professional (Non-Faculty) – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>28</td>
<td>90</td>
<td>173</td>
</tr>
<tr>
<td>2012</td>
<td>23</td>
<td>83</td>
<td>155</td>
</tr>
<tr>
<td>2013</td>
<td>28</td>
<td>90</td>
<td>170</td>
</tr>
</tbody>
</table>

- **Minority, Female**: No underutilization, consistent with the previous plan year.

### UAA – Professional (Non-Faculty) – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>69</td>
<td>257</td>
<td>400</td>
</tr>
<tr>
<td>2012</td>
<td>65</td>
<td>266</td>
<td>410</td>
</tr>
<tr>
<td>2013</td>
<td>81</td>
<td>290</td>
<td>454</td>
</tr>
</tbody>
</table>

- **Minority**: Underutilization of 22 minorities with an annual goal of 27%, which is a regression from the previous plan year.
- **Female**: No underutilization, consistent with the previous plan year.

### UAF – Professional (Non-Faculty) – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>97</td>
<td>359</td>
<td>622</td>
</tr>
<tr>
<td>2012</td>
<td>94</td>
<td>356</td>
<td>616</td>
</tr>
<tr>
<td>2013</td>
<td>84</td>
<td>372</td>
<td>623</td>
</tr>
</tbody>
</table>

- **Minority**: No underutilization, which is consistent from the previous plan year.
- **Female**: No underutilization, which is consistent with the previous plan year.
UAS – Professional (Non-Faculty) – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>17</td>
<td>61</td>
<td>87</td>
</tr>
<tr>
<td>2012</td>
<td>16</td>
<td>64</td>
<td>93</td>
</tr>
<tr>
<td>2013</td>
<td>16</td>
<td>68</td>
<td>93</td>
</tr>
</tbody>
</table>

• Minority, Female: No underutilization, consistent with the previous plan year.

40 – Office and Clerical

Statewide Administration – Office and Clerical – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>9</td>
<td>55</td>
<td>57</td>
</tr>
<tr>
<td>2012</td>
<td>5</td>
<td>34</td>
<td>36</td>
</tr>
<tr>
<td>2013</td>
<td>7</td>
<td>24</td>
<td>27</td>
</tr>
</tbody>
</table>

• Minority, Female: No underutilization, consistent with the previous plan year.

UAA – Office and Clerical – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>111</td>
<td>371</td>
<td>439</td>
</tr>
<tr>
<td>2012</td>
<td>99</td>
<td>357</td>
<td>421</td>
</tr>
<tr>
<td>2013</td>
<td>111</td>
<td>370</td>
<td>435</td>
</tr>
</tbody>
</table>

• Minority, Female: No underutilization, consistent with the previous plan year.

UAF – Office and Clerical – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>100</td>
<td>385</td>
<td>434</td>
</tr>
<tr>
<td>2012</td>
<td>107</td>
<td>380</td>
<td>431</td>
</tr>
<tr>
<td>2013</td>
<td>103</td>
<td>356</td>
<td>393</td>
</tr>
</tbody>
</table>

• Minority, Female: No underutilization, consistent with the previous plan year.
### UAS – Office and Clerical – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>11</td>
<td>66</td>
<td>73</td>
</tr>
<tr>
<td>2012</td>
<td>10</td>
<td>64</td>
<td>69</td>
</tr>
<tr>
<td>2013</td>
<td>9</td>
<td>59</td>
<td>65</td>
</tr>
</tbody>
</table>

- **Minority**: Underutilization of 7 minorities with an annual goal of 36%, which is slightly higher than previous plan year.
- **Female**: No underutilization, which is consistent with the previous plan year.

### 50 – Paraprofessional/Technical

#### Statewide Administration – Paraprofessional/Technical – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>10</td>
<td>11</td>
<td>37</td>
</tr>
<tr>
<td>2012</td>
<td>9</td>
<td>11</td>
<td>38</td>
</tr>
<tr>
<td>2013</td>
<td>7</td>
<td>11</td>
<td>32</td>
</tr>
</tbody>
</table>

- **Minority, Female**: No underutilization, consistent with the previous plan year.

#### UAA – Paraprofessional/Technical – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>19</td>
<td>43</td>
<td>98</td>
</tr>
<tr>
<td>2012</td>
<td>15</td>
<td>44</td>
<td>93</td>
</tr>
<tr>
<td>2013</td>
<td>19</td>
<td>48</td>
<td>100</td>
</tr>
</tbody>
</table>

- **Minority**: No underutilization, consistent with the previous plan year.
- **Female**: No underutilization, consistent with the previous plan year.

#### UAF – Paraprofessional/Technical – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>16</td>
<td>111</td>
<td>189</td>
</tr>
<tr>
<td>2012</td>
<td>20</td>
<td>108</td>
<td>186</td>
</tr>
<tr>
<td>2013</td>
<td>28</td>
<td>100</td>
<td>184</td>
</tr>
</tbody>
</table>

- **Minority**: No underutilization, which is consistent with the previous plan year.
- **Female**: No underutilization, which is consistent with the previous plan year.
### UAS – Paraprofessional/Technical – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>3</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td>2012</td>
<td>4</td>
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<tr>
<td>2013</td>
<td>2</td>
<td>11</td>
<td>23</td>
</tr>
</tbody>
</table>

- **Minority, Female:** No underutilization, consistent with the previous plan year.

### 60 - Crafts and Trades

#### Statewide Administration – Crafts and Trades – Employee Count

No employees in this category.

#### UAA – Crafts and Trades – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>9</td>
<td>1</td>
<td>49</td>
</tr>
<tr>
<td>2012</td>
<td>8</td>
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<tr>
<td>2013</td>
<td>9</td>
<td>2</td>
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</tbody>
</table>

- **Minority, Female:** No underutilization, consistent with the previous plan year.

#### UAF – Crafts and Trades – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
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<td>136</td>
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<tr>
<td>2012</td>
<td>19</td>
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<td>19</td>
<td>13</td>
<td>133</td>
</tr>
</tbody>
</table>

- **Minority, Female:** No underutilization, consistent with the previous plan year.

#### UAS – Crafts and Trades – Employee Count

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
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</tr>
<tr>
<td>2013</td>
<td>3</td>
<td>0</td>
<td>13</td>
</tr>
</tbody>
</table>

- **Minority, Female:** No underutilization, consistent with the previous plan year.


**70 – Service and Maintenance**

**Statewide Administration – Service and Maintenance – Employee Count**

No employees in this category.

**UAA – Service and Maintenance – Employee Count**

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
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<tr>
<td>2013</td>
<td>15</td>
<td>8</td>
<td>46</td>
</tr>
</tbody>
</table>

- *Minority, Female*: No underutilization, consistent with the previous plan year.

**UAF – Service and Maintenance – Employee Count**

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
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<tr>
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<td>16</td>
<td>9</td>
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</tbody>
</table>

- *Minority, Female*: No underutilization, consistent with the previous plan year.

**UAS – Service and Maintenance – Employee Count**

<table>
<thead>
<tr>
<th>Plan Year</th>
<th>Minorities</th>
<th>Female</th>
<th>Total Employees</th>
</tr>
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<tbody>
<tr>
<td>2011</td>
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<td>20</td>
</tr>
<tr>
<td>2012</td>
<td>15</td>
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<tr>
<td>2013</td>
<td>13</td>
<td>1</td>
<td>20</td>
</tr>
</tbody>
</table>

- *Minority, Female*: No underutilization, which is consistent with the previous plan year.
### Total Employees by Category and MAU

The charts below give a breakdown of each occupational category, showing the total number of employees, for the 2013 plan year, by category and MAU.

#### 10 – Executive and Administrative

<table>
<thead>
<tr>
<th>MAU</th>
<th>Total Employees</th>
<th>White</th>
<th>Black</th>
<th>Hispanic</th>
<th>Asian</th>
<th>Alaska Native/ American Indian</th>
<th>Hawaiian/ Other PI</th>
<th>Two or more Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW</td>
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<td>28</td>
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<td>0</td>
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<td>0</td>
<td>1</td>
</tr>
<tr>
<td>UAF</td>
<td>47</td>
<td>39</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>UAS</td>
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<td>0</td>
<td>0</td>
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#### 20- Faculty

<table>
<thead>
<tr>
<th>MAU</th>
<th>Total Employees</th>
<th>White</th>
<th>Black</th>
<th>Hispanic</th>
<th>Asian</th>
<th>Alaska Native/ American Indian</th>
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<th>Two or more Categories</th>
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<tbody>
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<td>14</td>
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<td>25</td>
<td>5</td>
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<tr>
<td>UAS</td>
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</tbody>
</table>

#### 30- Professional (Non-Faculty)

<table>
<thead>
<tr>
<th>MAU</th>
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<th>Hispanic</th>
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<td>UAS</td>
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<td>2</td>
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</table>
### 40 – Office and Clerical

<table>
<thead>
<tr>
<th>MAU</th>
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<th>Black</th>
<th>Hispanic</th>
<th>Asian</th>
<th>Alaska Native/ American Indian</th>
<th>Hawaiian/ Other PI</th>
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<tbody>
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<td>SW</td>
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</table>

### 50 – Paraprofessional/Technical

<table>
<thead>
<tr>
<th>MAU</th>
<th>Total Employees</th>
<th>White</th>
<th>Black</th>
<th>Hispanic</th>
<th>Asian</th>
<th>Alaska Native/ American Indian</th>
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<td>1</td>
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<td>4</td>
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<td>11</td>
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<tr>
<td>UAS</td>
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<td>0</td>
<td>1</td>
<td>0</td>
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</tbody>
</table>

### 60 - Crafts and Trades

<table>
<thead>
<tr>
<th>MAU</th>
<th>Total Employees</th>
<th>White</th>
<th>Black</th>
<th>Hispanic</th>
<th>Asian</th>
<th>Alaska Native/ American Indian</th>
<th>Hawaiian/ Other PI</th>
<th>Two or more Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW</td>
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<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>UAA</td>
<td>55</td>
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<td>3</td>
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<td>3</td>
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<td>9</td>
<td>0</td>
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<td>1</td>
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</table>

### 70 – Service and Maintenance

<table>
<thead>
<tr>
<th>MAU</th>
<th>Total Employees</th>
<th>White</th>
<th>Black</th>
<th>Hispanic</th>
<th>Asian</th>
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<td>0</td>
</tr>
<tr>
<td>UAA</td>
<td>46</td>
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<td>2</td>
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</tr>
</tbody>
</table>
Dear Board of Regents,

UAA is working to strengthen our financial foundation as we enter an era of Alaska state fiscal uncertainty and university focus on implementing the Strategic Direction Initiatives (SDI). We are accomplishing this with ongoing internal reallocation based upon SDI, Sightlines’ UAA space utilization analysis and Program Prioritization. What this means is taking advantage of low hanging fruit through ongoing internal reallocation while undertaking a detailed prioritization analysis of all programs and administrative functions at UAA. Prioritization results and the Sightlines space utilization analysis will provide information necessary to make the best use of resources in the delivery of higher education at UAA.

Already we are reallocating resources to provide targeted advising. This year the College of Arts and Sciences reorganized 14 administrative positions to create three new advising positions. Student Affairs also underwent a reorganization to create the First Year Student Access, Advising and Transition division. Coordinated efforts of advisors in Student Affairs and advisors in academic units is already paying off with a targeted Outreach Campaign to all students who were enrolled in spring 2013 but not registered for fall 2013. Results of a three-week period in July showed the MAU registered 1,908 students of which 471 were part of the outreach cohort.

UAA continues to improve the effectiveness and efficiency with which students enter UAA and navigate the pathway to graduation. This year the Anchorage campus is launching mandatory orientation and advising for all underprepared first-time first-year degree-seeking students who graduated high school with less than a 2.5 grade point average.

In these uncertain fiscal times, UAA is committed to using our resources wisely to provide for the higher education, training and research needed to ensure a bright future for Alaska.

Best regards,

Tom Case

Tom Case
Faculty and staff taking leading roles

UAA visiting scholar Willie Iggiagruk Hensley received the 2013 Human and Civil Rights Award from the National Education Association for human and civil rights advocacy.

Dr. Helena Wisniewski, vice provost for research and graduate studies, is a 2013 Anchorage Chamber of Commerce Gold Pan finalist in Entrepreneurial Excellence. Associate Vice Chancellor for Enrollment Eric Pedersen has been elected President of the Pacific Northwest Association for College Admission Counseling.

Dr. Andre Rosay, Justice Center Director, and Dr. Marny Rivera, Justice faculty, were interviewed by KTUU Channel News regarding their Alaska Justice Forum article, “Trends in Juvenile Delinquency, School Suspensions, and Expulsions,” which reported a decline in juvenile delinquency.

John Pollock, Kenai Peninsula College’s (KPC) new Veteran Services Coordinator, spent 25 years as a Marine Corps officer and retired as a colonel. His latest assignment was DOD senior executive service program manager, Defense Advanced Research Projects Agency, Forward Cell in Kabul, Afghanistan. He has provided guidance on VA benefits for more than 20 years.

Matt Thomas is UAA’s new Seawolf hockey coach. Thomas was previously head coach of the Stockton Thunder. He leaves Stockton with a 163-127-39 record.

Tammie Willis, KPC’s Kenai River Campus (KRC) new associate director of residence life was elected the Alaska-Yukon representative to the Northwest Association of College and University Housing Officers board of directors.

Program recognition

KPC received the national Quality Matters 2013 “Making a Difference for Students” Award recognizing the institution’s commitment to quality online education.

UAA’s Department of Languages received the 2013 Governor’s North Star Award for International Excellence.

The Consortium Library, on behalf of the Alaska Library Network, secured four grants totaling $325,426 for managing and supporting statewide library services.

Student excellence

Andrew Lessig, USUAA president, was selected to be the 2013-2015 UA Student Commissioner for Post-Secondary Education.

UAA engineering students cracked the top 20 for Marketing Presentation and top 30 for Rock Crawl and Land Maneuverability in the International Society of Automotive Engineers Baja Car Competition.

K-12 connections

Forty 9-12 graders from six village-based schools participated in KPC’s Kachemak Bay Campus “Project Grad” Summer Institute sponsored by the Kenai Peninsula Borough School District.

Kodiak College held a three-day Native and Rural Student Pre-Orientation and welcome event made possible by a partnership between Kodiak College, Kodiak Island Housing Authority and Kodiak Area Native Associations.

Development

Rasmuson Foundation awarded the Alaska Native Science and Engineering Program (ANSEP) $5 million to be used over five years to enable the successful continuation and growth of ANSEP. This is the largest single grant ANSEP has ever received.
**Achievements**

**Sumitomo Pogo Mine donated $1 million to the Mining Engineering Research Endowment**, renewing its support of mining engineering graduate students. The gift will augment the company’s three-year, $1 million pledge in 2011 and will provide a steady source of research funding for mining engineers seeking advanced training through graduate degrees.

**UAF has signed an academic exchange** with Jilin Agricultural University of Changchun, China, which could provide opportunities for staff and faculty. Jilin and Fairbanks are at about the same latitude, far apart in distance but similar in climate and agricultural challenges. Jilin offers 52 undergraduate programs, 47 master’s programs and 17 doctoral programs. It encompasses Chinese languages, management, economics, law, education, literature and medicine.

**Technicians with L3 Datron** attached the Alaska Satellite Facility’s new 11-meter antenna to its base on West Ridge in August. The antenna will gather data from spacecraft about land surface, biosphere, atmosphere, oceans and outer space. It’s one of several strategically placed antennas that can capture data from polar-orbiting satellites several times per day.

**Douglas Island Pink and Chum Inc., the company that operates the Macaulay Hatchery, donated $75,000** to the School of Fisheries and Ocean Sciences to create an endowment to support graduate students’ research at the Lena Point facility in Juneau. The endowment is in memory of hatchery founder Ladd Macaulay.

**The UAF Alumni Association honored the 2013 alumni award winners** at the reunion. Gail Phillips, ’67, is this year’s Distinguished Alumna. The Business and Professional Excellence awards were given to Peter Probasco, ’79; Doug Schrage, ’85; and Lorna Shaw, ’96, ’05. George Plumley, ’90, ’98, received the award for university support; Richard “Dick” McCormick, ’50, for community support; and Tammy Tragis-McCook, ’99, ’00, received the William Cashen Service Award. Glen Franklin, ’36, received the Lenhart J.H. Grothe Resources Award, posthumously awarded for contributions in agriculture or mining.

**What’s Next**

**UAF will merge the School of Natural Resources and Agricultural Sciences** with the Cooperative Extension Service over the next year to strengthen the research, education and outreach work of both units. Extension and SNRAS, which includes Alaska’s Agricultural and Forestry Experiment Station, serve the entire state and carry out the university’s land-grant mission.

**KUAC’s FM fall fundraiser** will take place Oct. 12 – 20. Nearly 400 volunteers participate in all aspects of the nine-day drive.

**In Progress**

More than 200 tons of steel were delivered for the six-story engineering building. The building adds 119,000 square feet and renovates 23,000 square feet of space for UAF’s engineering and mining programs, and features open lab concepts and a high bay area for practical application of engineering know-how.

**The Wood Center dining facility expansion project continues.** Contractors erected steel and made good progress toward closing off the new addition so work can continue through the winter months. Students got a bit of a preview of the expanded facility when they returned to campus to see a new entry on the south end.

**The Fittest Winner competition is underway** and was expanded to include students. Participants aiming for weight loss and increased exercise have lost nearly 2.5 tons of weight and averaged about 6.5 hours a week of exercise per person. Between 300 and 500 employees have participated in the competitive and moderate divisions over the last three seasons.

The Margaret Murie Building was dedicated Aug. 22 after more than a decade of planning and two years of construction. Named for the first female graduate of the Alaska Agricultural College and School of Mines, the new life sciences facility is designed to inspire scientific discovery and collaboration between students, faculty and researchers. The building dedication coincided with a celebration of the Institute of Arctic Biology’s 50th anniversary.
Research Assistant Professor Jeff Benowitz, left, and Paul Layer, dean of the College of Natural Science and Mathematics, relax near the fossilized footprint of a hadrosaur, which roamed the area near the headwaters of Tattler Creek about 70 million years ago. In recent years, the area of present-day Denali National Park and Preserve has drawn intense interest after several discoveries of dinosaur remains.

Youngsters paint works of art at the 2013 Summer Visual Arts Academy.

The Nanook mascot welcomes the Era Alaska newly painted Bombardier Dash-8, which features the Alaska Nanooks’ colors and logo on one side, and a UAA Seawolves treatment on the other.

Sporting a pirate cap and a smile, Ashton Martin helps at the School of Management’s table, passing out fliers and stickers during the 2013 UAF Day at the Tanana Valley State Fair.

A record turnout of students, staff, faculty and alumni helped UAF garner first place in this year’s Golden Days parade July 20.
Poems in Place is designed to give voice to the Alaskan landscape through an original work of poetry by an Alaskan writer, while establishing a strong connection between poetry and place.

Poems by English faculty Emily Wall and Ernestine Hayes have been selected for permanent placement in Totem Bight State Historical Park in Ketchikan as part of the Alaska Center for the Book’s Poems in Place project. Wall’s poem, “This Forest, This Beach, You,” and Hayes’ poem, “The Spoken Forest,” will be installed on signage in Totem Bight later this summer during a formal dedication ceremony at the park. Poems in Place is designed to give voice to the Alaskan landscape through an original work of poetry by an Alaskan writer, while establishing a strong connection between poetry and place. The project also offers a way to bring poetry to people who may not normally read it. Wall has published two collections of poetry, *Liveaboard* and *Freshly Rooted*. She also heads up publication of the UAS literary journal, *Tidal Echoes*. Hayes is best known for her prose; her memoir *Blonde Indian: An Alaska Native Memoir* won the American Book Award in 2007. The Poems in Place project is a collaboration between Alaska Center for the Book, Alaska State Parks, and a committee of writers and other Alaskans. The project is supported by Alaska State Council on the Arts, the Alaska Humanities Forum, Rasmuson Foundation, the Usibelli Foundation, the Alaska Poetry League, Alaska Center for the Book, and numerous individuals.

Ketchikan Assistant Professor of History John Radzilowski is editor of the second edition of *American Immigration: An Encyclopedia of Political, Social, and Cultural Change* (in concert with James Ciment), published by ME Sharpe. The print version of the four-volume revised encyclopedia is due in October 2013. The encyclopedia covers the topic of immigration from multiple perspectives, including both historical immigration and contemporary issues. In addition to directing the revisions of the first edition of the encyclopedia, Radzilowski authored numerous entries in the second edition, including those on African American Migration, the Department of Homeland Security, Espionage and Immigration, Human Trafficking, Immigrant foods, Sacred Architecture, Armenian Americans, Greek Americans, and Polish Americans. Also contributing an article to the new edition were UAS Ketchikan graduate Kali Hofman and Kasia Polanska (Adjunct Instructor, UAS Ketchikan).

Students were partially funded through the support of the Student Government Association.

Marine Biology faculty member Heidi Pearson and students traveled to Puerto Rico as part of the summer course, Tropical Marine and Coastal Ecology. This one-week field intensive course is offered in conjunction with the non-profit organization, the Marine and Coastal Ecology Research Center. Daily snorkeling excursions to coral reefs, mangrove forests, sea grass beds, and an offshore island enabled students to gain first-hand knowledge of the biodiversity, habitat connectedness, conservation issues, and management challenges in this region. Students were partially funded through the support of the Student Government Association.

Robin Hopper performs annually at the Alaska Folk Festival.

Adjunct Education faculty Robin Hopper has been nominated for a newly created Grammy award: “Grammy Music Educator of the Year”. Hopper teaches the e-learning course ED320C, Music in the K-8 Classroom. She is also the Elementary Classroom Music Specialist at Homestead Elementary School in the Anchorage School district. There were more than 30,000 nominations for this award, and Hopper is one of 217 quarter-finalists chosen from across the nation and the only educator from Alaska.

Hopper has been teaching elementary school music for 36 years and has taught Elementary Music Methods classes in the UA system since the 1980s, both for UAA and UAS. “I’m very excited to be a quarter-finalist, and it will be interesting to see how the Grammy process proceeds in the next few months,” she said. Robin Hopper performs annually at the Alaska Folk Festival. She has produced six albums over the past several years.
**Xh’unei - Lance A. Twitchell in First Alaskans Magazine**

Xh’unei is a strong advocate for the revitalization of Tlingit language and culture.

Assistant Professor of Alaska Native Languages Xh’unei - Lance A. Twitchell is featured in the Aug.-Sept. 2013 issue of *First Alaskans* magazine. Xh’unei is a strong advocate for the revitalization of Tlingit language and culture. In “Voices Reborn, A Cultural Soul at Work: Scholar strives to save his Native Language,” Xh’unei is identified as one of the “most persuasive and credible voices for language revitalization” in the state. He is leading the effort for a new designated emphasis within the Bachelor of Liberal Arts degree in Alaska Native Languages and Studies. Students will complete a concentrated study that includes Alaska Native languages, people, and organizations in addition to their broad liberal arts education. Xh’unei also writes columns for the *Juneau Empire* and *Huffington Post* and was named one of Alaska’s Top 40 under 40 this year.

**STREAM Institute Success**

More than 85 educators, trainers, culture bearers, and student scholars participated in the three-day event.

The STREAM (science, technology, reading, engineering, art, and math) Institute: A Pedagogy of Place took place the week of July 15, 2013 on the Auke Lake campus and a variety of habitats around the Juneau area. More than 85 educators, trainers, culture bearers, and student scholars participated in the three-day event focused on creating pedagogy of place. Thought leaders, Ron Fortunato, NASA Space Ambassador, UAF faculty Ray Barnhardt, Richard and Nora Daunhauer (authors and writer laureates) and Richard Nelson (author, writer laureate, and Encounters radio host), shared insights, writings, and wisdom on the relationship between culture, science, listening and storytelling. Participants received skill building training on a wide range of topics including Google Drive, Apple iPads, NASA “worldwind” software, art and nature, writing in nature, the science of story, project based learning, and learning to listen. Participants visited natural habitats to practice inquiry based learning and culturally relevant listening. The STREAM Institute generated core video, curriculum and cultural resources on place-based education, and lesson plans that will be shared at the School of Education’s STREAM website and on a DVD to be shared statewide this Fall.

**Sitka Awarded for Blackboard Course Design**

Sitka faculty Kathi Baldwin and Mary Purvis have been awarded the 2013 Blackboard Catalyst Award for Exemplary Course Design. The award is for significant achievements in outstanding course design using the Blackboard e-Learning software. The award honors those who use Blackboard solutions to provide a better on-line learning experience. The award is designed to enhance the visibility of innovation. Baldwin and Purvis received the award at the annual user’s conference, Blackboard World 2013, July 11 in Las Vegas.

**Hopson Releases Second CD**

Adjunct music faculty Dan Hopson’s second CD “Watercolor”, contains 23 short classical guitar pieces ranging from the Renaissance period to 20th century and representing works from ten different countries. They’re part of the wide-ranging repertoire he plays weekly at the Baranof Hotel Gold Room restaurant. The title comes from one of his favorite pieces on the album, “Watercolor”, by the American guitarist, Andrew York. The CD was produced in Juneau at Studio A in the Juneau Arts and Culture Center, owned and operated by Betsys Sims, and was supported by a grant from the Juneau Arts and Humanities Council. Cover image is from a painting by Constance Baltuck titled “Up on the Knoll, Juneau, Alaska” and graphic design was done by Matthew Knutson.
Coalition of Student Leaders
Shauna Thornton, Speaker

We just wrapped up our annual summit for the 2013-2014 academic year. Leaders from a variety of statewide departments came to discuss their programs to the coalition. The guest line-up included: Patrick Gamble, UA President; Dana Thomas, Vice President of Academic Affairs; Gwen Gruenig, Associate Vice President, Institutional Research and Analysis; Mary Gower, Director of Enrollment Services - Stay on Track; Mark Herrmann, Dean, UAF School of Management; Arthur Hussey, Student Services Manager; Ann Ringstad, Development Officer, UAF College of Engineering and Mines; and Kate Ripley, Director of Public Affairs.

Officers elected for the 2013-14 academic year include, Shauna Thornton re-elected as speaker for the coalition and the System Governance Council representatives:

- Representing large sized schools - Ayla O'Scannell, President of the Associated Students of UAF
- Representing medium sized schools - Teresa Cross, President of the Kenai Peninsula College Student Union; and Jessica Dominy, Vice President of the United Students of UAS-Juneau
- Representing small sized schools - Sharon Carter, President of United Students of UAS-Sitka

During the summit, Dean Herrmann, from the UAF School of Management, gave a presentation on differential tuition. The discussion included many good ideas that helped increase our understanding of the concept. There were a number of alternative solutions discussed including the possibility of a pilot program.

The students asked good questions about differential tuition. We are still trying to gather information to ascertain how other aspects of the university are affected. After learning more about the college savings plans, concern arose about the ramifications of differential tuition on the savings plan and the effect it may have on the ACT Portfolio.

As student leaders, it is our intention to not shoot from the hip on differential tuition. These decisions may have intended and unintended consequences affecting others for many generations. We feel the consideration of this topic is worth more time than three hours of our time. We will be meeting multiple times in August and September. We will also collaborate with various university departments to ensure we can make an informed decision on differential tuition by weighing and processing all aspects. We, as the Coalition of Student Leaders, are working to understand what the financial and fundamental ramifications of differential tuition have on student programs and how this fits our campuses, communities and university, and most importantly, our students who we serve. Differential tuition is not something to take lightly, and we strongly believe that other alternatives have yet to be fully explored and assessed.

Shauna Thornton has been a member of the KRC Student Union for several years, and a member of the Coalition of Student Leaders for the past two years. She successfully led the KRCSU to rally against cuts to the campus budget saving the campus hundreds of thousands of dollars, and was one of the leaders in Juneau for need based financial aid.
Faculty Alliance
Robert Boeckmann, Chair

The Faculty Alliance held its fall retreat August 16th and 17th and was hosted by UAA. The alliance thanks the statewide offices for the funding and opportunity to meet our system colleagues face to face for in depth discussions of important system wide issues. The alliance reviewed the Faculty Alliance constitution and bylaws and is in the process of drafting changes to reflect the current or desired workings of the Faculty Alliance. The alliance reviewed and discussed broad goals for the year and prioritized them for further discussion and processing.

Some important items on this list included:

- Responding to initiatives suggested by the Statewide Academic Council on establishing the following on a system wide basis: a) a minimum standard for admission into baccalaureate degrees; b) common math and English placement exams and cut off scores; c) a common student satisfaction survey.

- The alliance also established its own initiatives for: a) establishing a clear and consistent procedure for review and revision of BOR policy and regulation pertaining to academic affairs; b) developing principles, goals, and processes on the role of faculty in managing the financial impacts of anticipated budget reductions. This includes articulating a position paper to share with the statewide administration and the administration at each of the UA Universities.

- Other topics for consideration included: UAA’s recent (and possibly temporary) resolution on not accepting ACE recommendations for credit for MOOCs. The possibility of coordinating one of the face-to-face Faculty Alliance meetings with a BOR meeting to facilitate a deeper dialogue between the two groups.

- Finally, the alliance discussed the possibility of working to establish a UA Faculty Regent to contribute a focused faculty perspective on the UA BOR, as is common practice with many BORs.

In related efforts, the Faculty Alliance chair convened the Faculty Alliance Task Force on General Education Learning Objectives on August 19. This task force includes representatives from all the universities of the University of Alaska System and continues the work began at a working retreat held in January 2013. That work is aimed at identifying the extent to which faculty at the three universities may agree upon the fundamental learning outcomes of the general education requirements curriculum. This would set the foundation for better alignment of the GER programs at the three universities facilitating students’ education and degree attainment while engaging course offerings thought the UA system.

Dr. Robert J. Boeckmann grew up in Southcentral Alaska and is now an Associate Professor of Psychology at the University of Alaska Anchorage where he teaches a variety of classes in the Undergraduate, Masters, and UAA/UAF joint Ph.D. program. Courses include: research methods, statistics, personality and social psychology and honors seminars in the psychology of social justice. He enjoys mentoring students in research at all levels but is particularly inspired by helping undergraduates explore and discover. Robert chairs the UAA Institutional Review Board and is active in faculty governance. Robert earned his BA, MA, and Ph.D. at the University of California Berkeley. His research is primarily focused on social identity and social justice, but more recently has expanded his interests to include Alaska Native behavioral health, evolutionary psychology, and social media.
Staff Alliance
Monique Musick, Vice Chair, Acting Interim Chair

This year six of the eight members on Staff Alliance are in their first year serving at a system-wide level. The annual two-day retreat August 7-8 was spent in intensive working sessions to bring the whole group up-to-speed on many important issues affecting UA staff. The issues included: the compensation working group proposals submitted by Staff Alliance to UA Human Resources this spring; President Gamble's proposed performance evaluation; FY15 staff compensation; staff recognition, promotion, succession planning and career development plans; bullying and the grievance process; benefits including a new wellness vendor; potential for smoke free/tobacco free campuses; and the Strategic Direction Initiative. We shared an overview of our discussions with our constituents via the Staff Alliance Blog and asked for their feedback and input on many of these issues. We look forward to continuing to work with the administration on these and other issues in the coming year.

An election was held for officers during the meeting. The vice chair is myself, Monique Musick. The chair position will be filled at the next meeting when all members are present and after Staff Alliance representatives have had the opportunity to discuss being a chair with their supervisors. I will act as interim chair until the chair is elected.

Monique was born and raised in Ester, Alaska. She attended the University of Alaska Fairbanks, and in 2001 earned a Journalism degree with an emphasis in photography. She became the production manager for Mushing Magazine and when the magazine was sold to new owners, Musick leased the building and opened her own photo studio and gallery. Three years later the Publication Specialist position opened at UA Statewide and she came to work for the Office of Public Affairs. Here she gets to do what she loves: photography and graphic design. She enjoys being an active member of System Governance, supporting co-workers and participating in policy review.
Acronyms commonly used in reporting Labor Relations activities:

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALRA</td>
<td>Alaska Labor Relations Agency</td>
</tr>
<tr>
<td>CBA</td>
<td>Collective Bargaining Agreement</td>
</tr>
<tr>
<td>LMC</td>
<td>Labor-Management Committee</td>
</tr>
<tr>
<td>MAU</td>
<td>Major Academic Unit (UAA, UAF, UAS)</td>
</tr>
<tr>
<td>ULP</td>
<td>Unfair Labor Practice Charge</td>
</tr>
<tr>
<td>Unions:</td>
<td></td>
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<tr>
<td>Adjuncts</td>
<td>United Academic – Adjuncts</td>
</tr>
<tr>
<td>Local 1324</td>
<td>Fairbanks Fire Fighters Association (UAF Fire Fighters)</td>
</tr>
<tr>
<td>Local 6070</td>
<td>Alaska Higher Education Crafts and Trades Employees</td>
</tr>
<tr>
<td>UAFT</td>
<td>University of Alaska Federation of Teachers (Community college and extended campus faculty)</td>
</tr>
<tr>
<td>UNAC</td>
<td>United Academics</td>
</tr>
</tbody>
</table>

(BOLD text indicates updated information)

LABOR - MANAGEMENT COMMITTEES/EVENTS

The university and UAFT have not met since May 07, 2013.
The university and UNAC representatives have not met since April 2013.

GRIEVANCE and ARBITRATION ACTIVITY

University of Alaska Federation of Teachers (UAFT)

- **UAF College of Rural and Community Development**: The union filed a Step 2 grievance on October 02, 2009, alleging that the university violated Article 9.1 of the CBA by placing two new faculty members at an extended site into the United Academics bargaining unit rather than into the UAFT unit. The university responded to the union on November 11, 2009, recommending that the substance of the grievance be reviewed and determined by the ALRA as part of the unit.
clarification proceeding. Grievance timelines are being held in abeyance pending the outcome of the Unit Clarification Petition before ALRA.

- **Statewide Office of Labor and Employee Relations**: UAFT filed a Step 2 grievance on July 25, 2012 alleging the university violated Article 1.3.A of the CBA by demanding that the union agree in writing to pay all costs associated with a request for information prior to providing them with the information. The union further alleges that the university violated the implied duty of good faith and fair dealing. The parties met on March 04, 2013, and continue to work to resolve the matter.

**United Academics (UNAC)**

- No grievances are pending.

**Local 6070**

- No grievances are pending.
- Local 6070 filed an Unfair Labor Practice (ULP) with the Alaska Labor Relations Agency (ALRA) on May 31, 2013, with regard to an employee initiated reclassification action at UAA. The ULP contains 37 allegations. The university responded on July 1 to ALRA. The university believes the ULP is without merit. The university is waiting for ALRA to schedule a hearing with the parties.

**United Academic – Adjuncts**

- No grievances are pending.

**Local 1324**

- No grievances are pending.

**ISSUES BEFORE THE ALASKA LABOR RELATIONS AGENCY**

**Unit Clarification Petition**: On October 17, 2007, UAFT filed an ULP charge with the Alaska Labor Relations Agency (ALRA) alleging that the university violated the CBA by its placement of new faculty with upper-division teaching assignments into the UNAC bargaining unit. In response, the university filed a Unit Clarification Petition. On August 25, 2009, the ALRA accepted the university’s petition for unit clarification and placed the ULP complaints in abeyance pending the determination of that petition. The
ALRA hearing began on April 05, 2010, and lasted until April 22, 2010. Post hearing briefs and response briefs were filed and the issue is before the Agency for a decision. On October 04, 2011, the ALRA notified the parties that they wanted briefings on the appropriateness of one unit of non-adjunct faculty at the university. File briefs were submitted to ALRA on December 21, 2011. A decision is still pending.

NEGOTIATIONS

**Local 6070:** The university started negotiations with Local 6070 on September 12, 2012. The CBA expired on December 31, 2012. The next negotiation sessions are scheduled for September 9, 10, and 11, 2013. Tentative agreement has been reached on five of fifteen articles.

**United Academics (UNAC):** The university will begin negotiations with UNAC on September 23 and 24, 2014. The CBA expires on December 31, 2013.

EMPLOYEE RELATIONS HIGHLIGHTS

- **UAF Community and Technical College (formerly Tanana Valley Campus):** A non-exempt employee at Tanana Valley Campus was non-retained pursuant to Regents’ Policy and University Regulation. The employee grieved the issue and requested a hearing. The UAF chancellor upheld the nonretention following the hearing officer’s recommendation based on pre-hearing briefing. The employee filed suit in Superior Court challenging the university’s right to nonretain non-probationary employees. The judge issued a preliminary order adverse to the university. The university’s request for reconsideration was denied and the university subsequently filed a petition for review with the Alaska Supreme Court on November 12, 2010. The Court accepted the petition and consolidated this case with the Anchorage case referenced below which raised similar issues but with a different result. On June 28, 2013, the AK Supreme Court ruled that UA policy & regulation did not make clear that the employee did not have “for cause” protections which would require pre-termination due process and just cause to terminate. Additionally, the court stated that nonretention did not qualify as an exception to “for cause” procedures when performance issues were involved.

- **UAA Police Department:** An employee was terminated for cause and simultaneously issued notice of non-retention after writing himself parking tickets which he later destroyed to avoid paying parking fees. The employee requested a hearing, and the UAA chancellor accepted the hearing officer’s recommendation to uphold the termination. On administrative appeal the superior court reversed the cause termination but upheld the non-retention. The employee appealed the matter to the Alaska Supreme Court, and the university cross appealed on the termination for cause. On June 28, 2013, the Alaska Supreme Court
reinstated the termination for cause, finding that the employee had notice through policies that his conduct could result in termination; knew his conduct was wrong; and, by virtue of his position, had additional reason to be held to a high standard of conduct. However, the Supreme Court disallowed the nonretention for the reasons discussed in the companion case. This results in UA owing back pay until the chancellor finalized the cause termination.
The content of this report has changed from that in prior years to reflect UA’s evolving Strategic Direction Initiative. A current working set of measures is presented, with additional refinements to be identified through completion of the Strategic Direction Initiative process over the next several years. Many of the common measures historically utilized by the university for reporting are still in use and have been expanded upon to add focus on student progress and outcomes. Strategic Direction Initiative themes are noted for each measure.

Trend information, near term projections and analysis for each measure is presented below in terms of mission results and key strategies for each of the three major University of Alaska mission areas: instruction, research and service. Each MAU’s performance self-assessment will be published and available online on the State of Alaska’s Office of Management and Budget website.*

Columns in the charts are colored to reflect whether UA is on track in meeting targets. Green and light brown columns indicate that the measure is on track to meet the stated targets in FY14 and FY15, respectively. Yellow columns indicate measures that may be trending differently than desired.

### Student Instruction

This mission area represents the university system’s instructional programs for academic and vocational instruction, as well as directly related support functions: student services; academic support; scholarships; athletics; and library. Beyond those discussed here, additional areas in development for measures related to Student Instruction include job placement, workforce alignment, and advising.

#### Results and Strategies

**Measure 1. Degrees, Certificates & Endorsements Awarded**

The University of Alaska delivered an all time high number of degrees, certificates and licensures in FY13, a 16 percent increase in annual awards compared with five years ago. This gain was driven by growth in baccalaureate, occupational endorsement, and licensure seeking student enrollment starting in FY09—perhaps due to the economic downturn—resulting in greater number of graduates. Total credentials awarded is a new result measure for the university, therefore no performance target was set for this measure prior to FY13.

*Strategic Direction Initiative Theme: Student Achievement and Attainment.*
**Student Instruction, Continued**

**Measure 2. Baccalaureate Engineering Degrees**

Baccalaureate engineering degrees awarded rose by 5 percent from FY09 to FY13. Future year projections are based on the number of majors in the pipeline and progress toward graduation.

*Strategic Direction Initiative Theme: Student Achievement and Attainment.*

![Graph showing Baccalaureate Engineering Degrees](image)

**Measure 3. Health Related Degrees**

Degrees, certificates and occupational endorsements in Health related programs rose by about 10 percent from FY09 to FY13. Targets for FY14 and FY15 reflect expected performance levels given existing capacity.

*Strategic Direction Initiative Theme: Partnership with Public Entities and Private Industry.*

![Graph showing Health Related Degrees](image)

**Measure 4. Teacher Education Degrees**

Degree, certificate and endorsement awards in Teacher Education programs rose by 20 percent from FY09 to FY13. UA initiatives to recruit, retain, and graduate additional rural and Alaska Native students are expected to drive modest future growth. This measure is reported for the first time this year. Figures reported here include early childhood teacher education programs and are therefore slightly higher than the figures reported in *SB241: Alaska’s University for Alaska’s Schools 2013.*

*Strategic Direction Initiative Theme: Productive Partnership with Alaska’s Schools.*

![Graph showing Teacher Education Degrees](image)

**Measure 5. Graduates Who Earn Subsequent Graduate Degrees within 5 Years**

The proportion of students who earned a bachelor’s degree at UA and then went on to earn either a Masters or a Ph.D. within 5 years at a U.S. institution has consistently increased since FY09. The targets for FY14 and FY15 are based on a continuation of this trend. This measure is reported for the first time this year.

*Strategic Direction Initiative Theme: Student Achievement and Attainment.*

![Graph showing Graduates Who Earn Subsequent Graduate Degrees](image)
Measure 6. Baccalaureate Graduation Rate within 6 Years

The proportion of first-time, full-time bachelor degree seeking students who graduate within six years has remained steady from FY09-FY12, then increased 3.5 percentage points from last fiscal year. Improved placement and advising contributed to this increase, and should continue to do so. Baccalaureate advising received funding in FY13. Nationally, an average 31 percent of first-time, full-time freshman starting at public, open admission universities earn a bachelor’s degree within six years.*

Strategic Direction Initiative Theme: Student Achievement and Attainment.

Measure 7. Associate and Certificate Graduation Rate within 3 Years

The proportion of first-time, full-time associate degree and certificate seeking students who graduate within three years has remained relatively steady over the last five years, with some year-to-year variation. In FY13, UA landed about two percentage points below the FY12 rate. Improved placement and advising are intended to raise these rates. Community campus advising received only partial funding in FY14. The impact of this funding should be seen in future years.

Strategic Direction Initiative Theme: Student Achievement and Attainment.

Measure 8. Baccalaureate Graduates - Average Time to Degree

The average length of time a baccalaureate graduate takes to complete his or her degree has remained almost constant since FY09. Implementation of targeted student advising and the Alaska Performance Scholarship is expected to result in decreased average time to degree in the future. The average time to bachelor degree at UA is on par with other western states and the U.S. as a whole.* Graduates counted here only partially overlap with the cohort tracked in Measure 6. About half of all bachelor degree recipients start part-time or transfer into UA. This measure does not consider length of enrollment for majors who dropped out or have not yet graduated from UA.

Strategic Direction Initiative Themes: Student Achievement and Attainment.

*see http://www.completecollege.org/docs/Time_Is_the_Enemy_Time.pdf

**Student Instruction, Continued**

**Measure 9. Recent Alaska High School Graduates at UA**

The percentage of recent Alaska high school graduates attending UA has remained almost constant since FY10. The annual number of Alaska High School Graduates is projected to be at a low in 2013 at 7,160 graduates, with little change through 2015, then slowly increasing to a new high of 8,600 by 2028.* Alaska has historically had one of the lowest college going rates in the nation, and was ranked 51st in this measure among states in 2008**. Growth is expected in the future due, in part, to programs like the Alaska Performance Scholarship.

*Strategic Direction Initiative Theme: Productive Partnerships with Alaska's Schools.*

**Measure 10. Bachelor's Degree-Seekers Who Complete 30+ Credits per FY**

The percentage of Bachelor Degree seeking students who completed 30 credits or more rose to an all time high in FY13. This increase is due, in part, to the Stay on Track Campaign, which informed students of the financial advantages of completing 30 or more credits per year, and increased advising resulting from an FY13 increment. One such financial advantage came with the Alaska Performance Scholarship, implemented in FY11, which requires recipients to enroll in 30 credits per year starting in their second year. These programs are expected to result in continued future increases.

*Strategic Direction Initiative Theme: Student Achievement and Attainment.*

**Measure 11. Associate and Certificate Degree-Seekers Who Complete 30+ Credits per FY**

The percentage of Associate Degree and Certificate Seekers completing 30 or more credits per year rose to 4.4 percent. This gain too can be attributed, in part, to the Stay on Track Campaign and financial incentives of the Alaska Performance Scholarship. This measure is projected to continue to increase because of these programs.

*Strategic Direction Initiative Theme: Student Achievement and Attainment.*
Student Instruction, Continued

Measure 12. Average Number of e-Learning Credits Taken by UA Students

UA continues to expand its e-Learning course delivery with an average of 3.0 e-Learning credits taken by student in FY13, an increase of 43 percent since FY09. UA is emphasizing development of more full programs for e-Learning delivery. Future growth on this measure is expected because of student demand.

Strategic Direction Initiative Theme: Accountability to the People of Alaska.

Measure 13. Bachelor Degree-Seeking Preparatory Students Completing College Level Class in Math or English Within 1 Year

About 19 percent of Bachelor Degree Seekers who completed a Preparatory Course in English or Math completed a college level course in the same subject within a year. This measure has significant annual variation but UA institutions are actively experimenting with acceleration pedagogies so future increases in college course completions are projected.

Strategic Direction Initiative Theme: Productive Partnerships with Alaska’s Schools.

Measure 14. Associate Degree-Seeking Preparatory Students Completing College Level Class in Math or English Within 1 Year

9 percent of Associate Degree seekers who completed a Preparatory Course in English or Math, completed a college level course in the same subject within a year. Future increases are projected for this measure resulting from accelerating pedagogies as well.

Strategic Direction Initiative Theme: Productive Partnerships with Alaska’s Schools.
Research: Advancing Knowledge, Basic and Applied
This program category represents scientific and academic research. The majority of funded research is externally sponsored by the federal government. Beyond the measures shown here, additional measures in development for the research mission include publications and citations. Note, the analysis of Research performance is focused on year-to-year changes rather than on a five year trend. This is due to the relative volatility of research funding and to some extent the recent impact of federal sequestration.

Results and Strategies

Measure 15. Annual Number of Invention Disclosures (Final Data Pending October 2013)
This is the annual number of invention disclosures reported by the UAF Office of Intellectual Property and Commercialization and UAA Office of Technology Transfer. The number of new inventions disclosed at the university has increased dramatically over the past two years. The university will continue its efforts to license technology to the benefit of the state, and support non-profit and for-profit entities on that basis. This is a new measure reported for the first time this year.

Strategic Direction Initiative Theme: Research and Development to Build and Sustain Alaska’s Economic Growth.

Measure 16. Ratio of NGF to GF Research Revenue
UA continues to bring in a significant amount of non-general fund research revenue, realizing more than $5 in non-general funding for each general fund dollar allocated to research activity in FY13. This ratio is expected to hold flat as external funding becomes more scarce. The increases projected in Measure 15 are too small to significantly impact this ratio in FY14 and FY15.

Strategic Direction Initiative Theme: Accountability to The People of Alaska.

Measure 17. Annual Number of Invention Disclosures (Final Data Pending October 2013)
This is the annual number of invention disclosures reported by the UAF Office of Intellectual Property and Commercialization and UAA Office of Technology Transfer. The number of new inventions disclosed at the university has increased dramatically over the past two years. The university will continue its efforts to license technology to the benefit of the state, and support non-profit and for-profit entities on that basis. This is a new measure reported for the first time this year.

Strategic Direction Initiative Theme: Research and Development to Sustain Alaska’s Communities and Economic Growth.
Measure 18. Proportion of Graduate Students Supported by Grants

Compared to last year, there was a decrease of about 7 percent in the proportion of graduate students supported by research grants, ending at 8.1 percent for FY13. Much of this decline is due to tightening federal funding environment and sequestration.

Strategic Direction Initiative Theme: Research and Development to Sustain Alaska’s Communities and Economic Growth.

Service: Sharing Knowledge to Address Community Needs

This mission area includes activities that make available to the public the unique resources and capabilities of the university in response to specific community needs or issues. There are few measures in place to assess and strategically manage university service activity at this time. A few examples of available information are shown here, however a number of additional performance measures are being considered for this important mission area, including student participation in service-learning programs, non-credit workshop participation, and non-credit certifications.

Results and Strategies

Measure 19. Outreach Publications Distributed (Final Data Pending October 2013)

UAF Cooperative Extension Service continued to publish and distribute research in a form useful and understandable to the general public. In FY12 alone the Extension had over 280,922 publications in print and from its website. Final FY13 numbers pending.

Strategic Direction Initiative Theme: Productive Partnerships with Alaska’s Public and Private Industries.

Measure 20. Youth Engaged in 4-H (Final Data Pending October 2013)

The 4-H Youth Development Program saw over 13,600 participants gain direct access to technological advances in agriculture and life sciences, home economics, human development, and related areas. Future growth in the number of participating youth is expected, in part, due to legislative increment in FY13.

Strategic Direction Initiative Theme: Productive Partnerships with Alaska’s Schools.

Measure 21. Publications and Books Sold by the UA Press

The University of Alaska Press increased sales by 15 percent from FY12 to FY13. The Press will publish in an expanding range of subjects and especially those of concern in Alaska and circumpolar regions, so an increase is projected for FY14 and FY15.

Strategic Direction Initiative Theme: Productive Partnerships with Alaska’s Public and Private Industries.
P01.01.010. University of Alaska Mission Statement.
The University of Alaska inspires learning, and advances and disseminates knowledge through teaching, research, and public service, emphasizing the North and its diverse peoples. (10-06-00)

P01.01.020. University of Alaska Anchorage Mission Statement.
The mission of the University of Alaska Anchorage is to discover and disseminate knowledge through teaching, research, engagement, and creative expression.

Located in Anchorage and on community campuses in Southcentral Alaska, UAA is committed to serving the higher education needs of the state, its communities, and its diverse peoples.

The University of Alaska Anchorage is an open access university with academic programs leading to occupational endorsements; undergraduate and graduate certificates; and associate, baccalaureate, and graduate degrees in a rich, diverse, and inclusive environment. (09-18-07)

P01.01.030. University of Alaska Fairbanks Mission Statement.
The University of Alaska Fairbanks is a Land, Sea, and Space Grant university and an international center for research, education, and the arts, emphasizing the circumpolar North and its diverse peoples. UAF integrates teaching, research, and public service as it educates students for active citizenship and prepares them for lifelong learning and careers. (06-08-12)

P01.01.040. University of Alaska Southeast Mission Statement.
The mission of the University of Alaska Southeast is student learning enhanced by faculty scholarship, undergraduate research and creative activities, community engagement, and the cultures and environment of Southeast Alaska. (06-03-11)

P01.01.050. Prince William Sound Community College Mission Statement.
Prince William Sound Community College applies innovative and sustainable practices in providing accessibility, student success, effective teaching and learning, and community engagement. (09-23-11)