



UNIVERSITY *of* ALASKA

**Report to the Legislature  
2003**

# REPORT to the LEGISLATURE

---

2002-2003



UNIVERSITY  
*of* ALASKA

---

*Many Traditions One Alaska*



UNIVERSITY  
*of* ALASKA  

---

*Many Traditions One Alaska*

December 15, 2003

President of the Senate and  
Speaker of the House of Representatives:

On behalf of the University of Alaska Board of Regents, I am submitting the University's Report to the Legislature for the fiscal period beginning July 1, 2002 and ending June 30, 2003.

The Board of Regents expresses appreciation to the Alaska Legislature, the Governor, and the people of Alaska for their interest in and continuing support of the University of Alaska.

Sincerely,

Mark R. Hamilton  
President



**Mark R. Hamilton, President**  
202 Butrovich Building  
P.O. Box 755000  
Fairbanks, Alaska 99775-5000  
PHONE: (907) 474-7311 FAX: (907) 474-6342  
email: [sypres@alaska.edu](mailto:sypres@alaska.edu)

# Board of Regents

**Brian Rogers, Chair**  
(1995-2003)

**Elsa Froehlich Demeksa, Vice Chair**  
(1997-2005)

**Frances H. Rose, Secretary**  
(1999-2007)

**Joe Usibelli, Jr., Treasurer**  
(1999-2007)

**Michael J. Burns**  
(1997-2005)

**James Hayes**  
(2003-2011)

**Cynthia Henry**  
(2003-2011)

**Mary K. Hughes**  
(2009-2009)

**Kevin O. Meyers**  
(2000-2007)

**David J. Parks**  
(2002-2005)

**Michael Snowden**  
(2003-2009)



UNIVERSITY  
*of* ALASKA  

---

*Many Traditions One Alaska*

# University of Alaska Statewide Administration

**Mark Hamilton**  
President

**Wendy Redman**  
Vice President for University Relations

**Joe Beedle**  
Vice President for Finance

**Craig Dorman**  
Vice President for Research

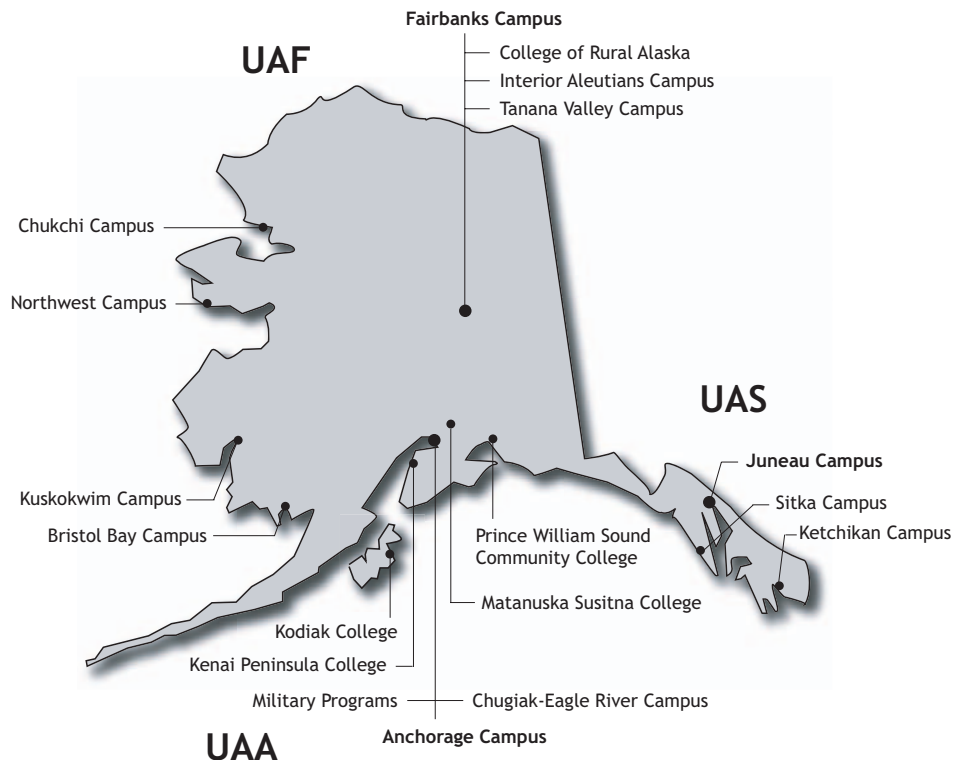
**James Parrish**  
General Counsel

## University of Alaska Campus Administrators

**Edward Lee Gorsuch**  
Chancellor  
University of Alaska Anchorage

**Marshall Lind**  
Chancellor  
University of Alaska Fairbanks

**John Pugh**  
Chancellor  
University of Alaska Southeast



University of Alaska  
Statewide System



UNIVERSITY  
*of* ALASKA  

---

*Many Traditions One Alaska*

University of Alaska  
Anchorage



University of Alaska  
Fairbanks



University of Alaska  
Southeast



# Table of Contents

Statewide System	8
University of Alaska Anchorage	16
University of Alaska Fairbanks	30
University of Alaska Southeast	45
Performance Measures	54
Land-Grant Endowment Trust Funds	62
Notes to the Financial Schedules	64
Schedule of Allocated Natural Resources Fund Balances	66
Tables	69
One - Actions Regarding Certificate and Degree Programs	70
Two - Capital Projects Completed in FY03	71
Three - Capital Projects Started in FY03	75
Four- Capital Appropriations	80
Five -Degrees Awarded by Level and Campus	81
Six - Student Headcount by Campus	82
Seven - Student Credit Hours by Campus	83



## Office of the President

At the commencement of the 2003 legislative session, the issue of a “fiscal gap” was the state’s main on-going public policy issue. With over 75% of Alaska’s general fund dependent on revenues from the declining oil fields and no additional broad-based revenue measures in place (sales or income tax), the fiscal gap was over \$600 million as the legislature began its work in January.

The Board of Regents requested an FY04 operating budget increase of \$15.8 million over FY03 funding. Governor Murkowski campaigned on a 5% increase for the university operating budget, stating publicly, “...as has been shown across the nation, a vibrant university system can be the vehicle for economic growth, development and change. If you have a failing state university system, you have a failing state”. As promised, the governor included a 5% increase for the university in his budget request and remained a strong advocate throughout the legislative session. The overall state budget was held steady this year, and the university’s actual increase was exceptional; the only other program increases were for formula programs in health and K-12 education. In the end, the university received \$4.5 million (2%) in new general funds and \$2.3 million in general fund replacement monies.

**On the capital side**, the legislature only approved receipt authority for a few university projects and \$3.4 million for highest safety priority pieces for the FY04 budget. The prior year’s bonding and debt-reimbursement package covered over \$82 million in university projects.

The dynamics in the Alaska State Legislature changed in the 23<sup>rd</sup> Legislature. Sixteen new house members (out of 40) and eight new Senate members (out of 20, five of which came over from the House) make up the new body. The Republicans retain the majority, and all leadership positions in both House and Senate. A new House Ways and Means Committee was formed to address the overriding fiscal questions. The majority concentrated on the key issues of streamlining the permit process, encouraging oil producers to continue pumping more oil and making Alaska more attractive to new exploration and resource development to revitalizing Alaska’s position as a resource-based economy.

**The Constitutional Budget Reserve (CBR) account** had a balance of approximately \$2.2 billion at the beginning of 2003, which, if used judiciously and coupled with new revenue measures, will last through the next election cycle. The governor was clear in his admonition to the legislature that he would veto expenditures down to a point where less than \$400 million would be taken from the CBR. No agreement on additional revenue measures was passed this session, nor could the legislature make reductions at the level the governor desired. As a result, the governor exercised his veto power to make nearly \$150 million in reductions to the budget, and maintained the CBR draw at \$378 million for FY04.

The Board of Regents is authorized by law to set tuition rates for the university. The regents’ policy on tuition and fees was amended at the June 2002 board meeting to allow for an increase in tuition of 10%. 2002-03 tuition rates increased by higher education inflation plus 10%.





Legislation allowing for forgiveness of student loans for teachers and nurses was passed, along with a housing loan bill to allow for 100% financing for teachers and registered nurses practicing in Alaska.

**The UA Scholars Program continues to attract Alaska's best** and brightest high school seniors. Initiated in FY00 by the university using funds generated by its land grant endowment, this scholarship provides \$11,000 per year for a total of 4 years to the top 10% of every Alaska high school graduating class. During its first year of operation, the program enticed over 30% of the top Alaska high school graduates to attend the University of Alaska. Now in its fourth year, more than 50% of the state's top high school graduates are expected to enroll at UA campuses. As of Spring 2003, 1016 UA Scholars are enrolled at the university. No legislation or appropriation was solicited from the legislature this past session to assist in funding this program, although the governor envisions a future state resource revenue to pay for this program. (See: [www.alaska.edu/scholars](http://www.alaska.edu/scholars))

The university has been working with the state **Department of Education & Early Development** to enhance teacher education programs, and revising its teacher education programs to include a 5th year MAT that will require teachers to obtain a discipline based BA and a 5th year intensive in-school internship with a master teacher. Many partnerships have been established between the high schools and their local college campuses, including a joint vocational/technical high school in Fairbanks, the "College Connection" program, financed by the City of Juneau, which pays the full cost of college tuition for advanced placement students who take college courses, and collaborations in several communities allow high school students to gain up to one year of post-secondary vocational training while they complete their high school curriculum. In addition, the university is working closely with local schools to develop programs in all areas of the K-12 system to include advance placement courses for high school students for joint high school-college credit, job training programs and vocational education opportunities. Summer programs are also being offered to high school students in areas of finance, math, arts, music and English.

**Governor Murkowski has now appointed five** new members out of a total of eleven to the Board of Regents. New Regents include Mike Snowden (Sitka), Cynthia Henry and Jim Hayes (Fairbanks), Mary Hughes (Anchorage), and David J. Parks (Student Regent – Palmer).

**Accountability continues** to be a key issue with the public and the legislature. President Hamilton considers the accountability issue to be of paramount importance and the UA has stayed well in front of the public. Public interest and support for the university is high and is being fueled by support from the governor, by UA President Mark Hamilton's commitment to accountability and delivery of quality programs focused on the highest demand industries in the state. The legislature intends to measure the success of the University of Alaska in achieving its mission by considering a number of measures, some traditional and some specific to Alaska's circumstances. A revised "missions and measures" bill was introduced again this session, further refining language to examine various aspects of the university, as well as all state agencies.

**Enrollment at the University of Alaska reached its highest** level this past fall after three years of growth, increasing by an overall 13% over the past two years. Federal receipts are up; university receipts are up; private and corporate giving is up; research work and funding is up; partnerships continue to flourish. The university has expanded workforce training programs, including new health care curriculums in addition to the university's nursing school, and other programs that target jobs in resource industries. A promise of future economic development and the tools to develop so much potential have been key to UA's recent success.

For a complete rundown on University of Alaska advocacy efforts and legislative issues pertinent to the university, see: [www.alaska.edu/state](http://www.alaska.edu/state) .

### **SW Office of Public Affairs**

With a grant from the University of Alaska Foundation, the university continued the implementation of its marketing plan.

In October 2002, **the university launched the “It’s Working” campaign** on television, radio and in newspapers around the state. The university also helped sponsor the Gavel-to-Gavel coverage of the 2003 legislative session. In addition, the university sponsored an online classroom guide to help Alaska’s teachers plan classroom lessons using the television service. The guide, produced by Gavel-to-Gavel Alaska, included background information on state government and the legislative process, as well as a number of lesson plans and classroom activities for teachers.

The “It’s Working” campaign also got national exposure on ESPN during UAA’s Great Alaska Shootout, and on Leafs TV, a digital speciality channel out of Toronto, which airs Central Collegiate Hockey Association games, including those of UAF.

Vice President for University Relations Wendy Redman and Public Affairs Director Bob Miller also worked extensively with **Education First**, the political action committee that was organized to push for voter approval of the education bond issue in the November 2002 general election. Education First was co-chaired by Anchorage School Superintendent Carol Comeau and University of Alaska President Mark R. Hamilton.

The bond issue was approved by voters and it provided \$61.7 million for 20 different university projects around the system. The bond issue also included \$170.1 million for grants to school districts where school facilities were badly in need of replacement, remodeling or renovation, and \$5 million for the Anchorage Museum of History and Art.

Public Affairs and Statewide Student Services and Enrollment Management began working together on material aimed at acquainting Alaska’s ninth grade high school students with information about how to plan for attending college.

Public Affairs also designed and published the President’s Report, the Report to the Legislature, Who’s Who in the Alaska Legislature, Statewide Telephone Directory, UA Foundation Annual Report, a bi-weekly newsletter, On the Move, Regents’ Recap publications after each of the Board of Regents’ meetings, and general distribution news releases when necessary.

### **Alaska EPSCoR Summary of Program Highlights**

Alaska EPSCoR continued to build research infrastructure and capacity in the UA system by targeting efforts at specific research focus areas especially relevant to Alaska’s northern latitudes—cold regions engineering, Alaska genomic diversity, environmental physiology, and high latitude contaminants.

In FY 03, our core program activities included:

- partial salary support and startup funding for three new faculty positions;
- \$390,000 in major research instrumentation and core laboratory renovation;
- 22 graduate fellowship awards at UAF and UAA
- 9 undergraduate summer research project awards at UAF and UAA
- new initiative grants to 7 faculty for research projects showing promise for future federal funding.
- Education outreach programs to rural high school students and teachers in Barrow, Nome, Kotzebue, and Sitka that enhance science education and career paths for Alaska Native students in science, engineering, and mathematics.

Alaska EPSCoR activities are aimed at stimulating new research proposals by RFA faculty and increasing UA's competitiveness for major extramural funding.

- In FY03, EPSCoR RFA faculty members Jocelyn Krebs (UAA), Matt Olson (UAF), Sasha Kitaysky (UAF) and Lee Taylor (UAF) each were successful in securing new federal funding, totaling \$1,680,000 for the 2003-2006 period.

Alaska EPSCoR activities are also aimed at developing new faculty partnerships and research initiatives that lead to the growth of centers of excellence in arctic research.

- In January 2003, Dr. Tom Marr was hired as the UA Presidential Chair in Bioinformatics. Dr. Marr is leading an interdisciplinary program in bioinformatics and computational biology at UAF and UAA that includes the biology and wildlife, mathematics, and chemistry, biochemistry and molecular biology departments, and the Arctic Region Supercomputing Center. Four other bioinformatics faculty members will join his research/teaching team, supported in part by Alaska EPSCoR, Alaska BRIN, and Alaska CoBRE/CANHR.
- Comparative Systems Biology of Hibernation is a collaborative research project in systems biology that builds on a partnership between Drs. Barnes and Boyer at the Institute of Arctic Biology, UAF, Dr. Tom Marr and the Arctic Region Supercomputing Center, UA, and the Institute for Systems Biology in Seattle, Washington.

Alaska EPSCoR took an active role in the planning efforts for statewide research programs, new facilities, and other activities that complement the university's mission, including:

- Establishing the UA Biomedical and Health Research Agenda, an important component of the State Plan for Research and Development;
- Contributing to the design and potential funding sources for new science facilities at UAF (the West Ridge Research Building).
- Operation and management of the Alaska Biomedical Research Infrastructure Network (Alaska BRIN) program, aimed at building biomedical research capacity at UA in the research theme of molecular toxicology.
- Hosting of the 2002 NSF EPSCoR National Conference in Anchorage, Alaska, September 9-10.

## **General Counsel**

General Counsel supervises and administers the legal affairs of the Board of Regents and university, appoints and supervises attorneys to represent the university, and directs university participation in administrative agency and judicial proceedings. The office is currently staffed with three full time and one part time lawyer and two administrative personnel.

The General Counsel's Office provides advice to university representatives on the full spectrum of legal issues, including instructional discussions with employee groups on such specific topics as

- student and faculty rights and responsibilities,
- privacy in computing resources,
- discrimination and sexual harassment,
- Alaska Executive Branch Ethics Act,
- public records requests, and
- strategies for avoiding legal controversies.

The General Counsel's Office emphasizes reduction of litigation through

- adherence to internal and external rules,
- fair treatment of involved parties,

- early participation in matters that might result in legal disputes,
- objective evaluation of claims for payment or settlement, and
- successful defense of claims that lack merit.

During FY03 the general counsel's office continued to work on providing legal advice to the administrative decision-making process early, emphasizing the importance in the pre-decision stage of foreseeing problems and tailoring administrative decision-making to avoid litigation. This has contributed to

- a. a continued high level of effective personnel actions arising out of more than 7,000 employment relationships,
- b. enhanced protection against ill-considered agreements,
- c. improved compliance in the expanding area of research regulation,
- d. carefully monitoring and negotiation of contractual indemnity relationships,
- e. close cooperation with risk management, land management, facilities, procurement, and human resource departments,
- f. a high degree of success in litigation matters, and
- g. maintenance of the litigation load and associated costs at less than can reasonably be expected over the long term.

The office has:

- a. continued to provide legal advice as early as possible,
- b. applied more time and expertise to contractual drafting and negotiation—an activity that has increased in the university given the emphasis on reducing costs through partnerships,
- c. anticipated and minimized problems in areas of increased regulatory attention,
- d. assisted labor in difficult collective bargaining issues,
- e. provided a limited amount of highly efficient and effective in-house representation,
- f. considered new legislation to reduce the negative impact of limited financial resources to the university,
- g. provided assistance for major projects, and
- h. advised on the day-to-day needs of the university in a timely manner.

### **SW Health Programs**

The University of Alaska has a major role to play in improving the health status of Alaskans by educating the workforce needed in the health care field and by tackling tough research questions.

Demand for health care workers is expected to grow faster than any other employment sector over the next decade. Approx. 15% of Alaska's workforce will be employed in the health care sector by 2010. Current shortages in nursing, behavioral health, radiology, pharmacy, laboratory, dental and office occupations are being addressed by UA.

UA has invested over \$3.5 million in new resources in the last three years to develop and expand programs and more is planned. UA will:

- Double its nursing graduates by 2006. \$2.3 million in private funds have been pledged by Alaskan hospitals in a multi-year effort to accomplish this goal, which the university will match.
- Expand nursing education to seven additional sites - Fairbanks, Bethel, Kodiak, Juneau, Sitka, Ketchikan and Kenai making the program available to many more students in small communities.
- Expand allied health programs to new sites.

- Meet the needs of behavioral health counselors in 80 more small rural communities.
- Begin distance delivery of Master's in Social Work and expand social work and psychology
  - develop specialized programs for health care professionals in gerontology.

UA is also improving its record of garnering biomedical and health-related research. Currently 68 grants totaling \$41 million dollars are underway at UA. Alaska is no longer last among states in National Institutes of Health research, but has a long way to go to become nationally competitive. Recently, UA successfully competed for four key multi-year grants to build research infrastructure, hire 16 new faculty and purchase equipment for health and biomedical research. State funding investments are leveraging the federal funds.

With the recent award of the infrastructure grants and the construction of new research labs authorized by the voters last year, UA is poised to address the critical health concerns of Alaska's citizens.

Over the next year, UA health faculty are crafting a health research agenda that will dovetail with the Alaska Research and Development plan, as called for by the Alaska Legislature.

### **Human Resources Accomplishments**

Former Chief of Staff Jim Johnsen was appointed to Vice President for Faculty and Staff Relations after a nationwide search. He and the Human Resources staff across the university system are emphasizing both continuity in priorities for the university's human resources programs as well as progress in enhancing services in alignment with the university's strategic direction.

**Classification and Compensation:** The ongoing system-wide reclassification project, which will strengthen the university's ability to recruit and retain top quality staff, will be fully implemented in 2004. Several major job groups have been implemented and a comprehensive review of overtime status was completed.

Market surveys of faculty salaries conducted this year revealed that disparities exist between selected UA faculty salaries and those of faculty at comparable institutions across the nation. Adjustments are being considered in ongoing negotiations with faculty unions.

**Labor and Employee Relations:** Negotiations for a new contract with the Alaska Community Colleges Federation of Teachers (ACCFT) were conducted through the year without conclusion and the contracts for United Academics and the Alaska Higher Education Trades and Crafts Employees (AHECTE) union open in the fall of 2003. In all three groups, high priority issues include salary and health benefits costs.

The Alaska Supreme Court ruled in favor of the university in a major case involving compensation and other issues affecting faculty represented by ACCFT.

**Training and Development:** The university's annual management meeting highlighted the many ways UA faculty meet the needs of Alaska through their research, teaching, and public service. From research on climate change to training new teachers for rural Alaska, faculty showed the added value the university brings to Alaska. The proceedings of the meeting will be published.

**Health and Retirement Benefits:** A university committee representing all three major universities began development of a new flexible benefits health care plan. The goal of the plan is to provide employees greater choice and quality in their health benefits coverage while at the same time increasing UA's ability to control spiraling costs. The new plan is to be implemented in July 2004.



### **International Arctic Research Center (IARC)**

The mission of the International Arctic Research Center is to make UAF a focal point of international arctic research. Our success may best be measured by how much we can contribute to the Global Climate Models (GCMs), which have been developed by several international groups.

Under this mission, IARC has firmly set the general direction it will take in the future after the crucial period of its establishment (2000-2003). IARC will fill needed roles in arctic climate/global warming research by integrating and synthesizing arctic research.

IARC has been funded by the National Science Foundation for the next five years.

IARC established a close relationship with Russian and Japanese groups in conducting joint research projects. Russia is providing one of its most powerful ice-breakers, the Kapitan Dranitsyn, for arctic ocean research. Japan provides the most powerful supercomputer, the Earth Simulator, and Japanese university researchers have established a strong consortium, which has formulated a number of joint projects to be conducted at IARC.

IARC established jointly with the Japan Aerospace Exploration Agency (JAXA) the “International Observatory of the North (ION)”, which analyzes specifically polar-orbiting satellite data from the Arctic.

IARC researchers published five articles in the American Geophysical Union’s EOS, which is widely read by geophysicists around the world; this is an extraordinary achievement for an institution that was established only three years ago, since it requires a comprehensive and leading article. In addition, a large number of papers have also been published in professional journals in specific fields.

IARC, jointly with the Geophysical Institute, is in the process of producing “What is the future of the Arctic: Climate Change in Alaska”. This is an interactive, educational, multimedia program targeted toward underserved minority children. (An earlier program like this on the aurora borealis became a part of the official science curriculum in Alaska schools.)

### **SW Information Technology Services**

**Telecommunications:** With the State of Alaska the University of Alaska joined in a Telecommunications Partnership Agreement with Alaska Communications Systems in the single largest public telecommunications services contract in the history of the state. Because of differing missions and needs, only portions of the university telecommunications services were included in the contract. For many reasons the contract execution has been problematic. The State of Alaska entered into renegotiations with ACS on the contract services.

**External Information Resources Evaluation:** A team of three nationally recognized experts in the areas of information technology, telecommunications and libraries visited the three urban campuses and provided an extensive external evaluation of information resources and services across the system. Their report has been used as a plan for action for each of the major administrative units. University of Alaska Fairbanks followed up with an additional study of its IT infrastructure.

**CITO Officer:** Partly as a result of the external review, the Board of Regents passed into policy the position of Chief information Technology Officer as an officer of the university.

**Video Conferencing:** The UA system video conferencing went into full production and is now used regularly for classes, for administrative meetings and is now being used for university staff to participate in Board of Regents’ meetings.

**Bandwidth Management:** As bandwidth usage went up, systems were installed to monitor and manage bandwidth usage so primary use of bandwidth will be for university business. This bandwidth management also provides better use of expensive bandwidth resources to keep costs reasonable.

**Software licenses:** A system wide software license management service was installed to track use of certain software applications for more efficient use and less expensive licensing fees for these applications. For other software, notably desktop applications used by almost all staff and for a course management system, system wide licenses were negotiated to provide this key software for faculty and staff while containing overall costs.

**Directory Services:** An enterprise directory containing all students, faculty and staff was developed and was in limited use in 2002-2003 with expected full deployment in 2003-2004. The directory will allow a single spot to look up information on anyone affiliated with the university.

**Online services:** Additional functionality was added to UAOnline through the system wide administrative system, Banner, providing additional self service for students and staff. Individual campuses included some of this functionality in their campus-based web sites. This development, along with the enterprise directory, is necessary for an eventual university-wide portal for access to information.

**Security:** 2002-2003 saw dramatic increases in the incidence of viruses, cyber attacks on university systems, and computer worms that threaten to disable systems and bring networks to a halt. The university wide CIRT (Computer Incident Response Team) responds quickly to each incident, but network and computer security is becoming a major consumer of IT resources. Security was the top priority for IT issues identified by the university-wide Information Technology Council.

**Hardware:** A contract for new hardware for the core administrative system, Banner, was awarded to HP Computer and the new hardware was delivered in the late spring of 2003 for installation and transition over the summer and fall of 2003. Other than the supercomputing center, this is the largest computer hardware system maintained by the university.

## **Student Services**

In recent years the University of Alaska has underscored its commitment to provide quality services and academic support programs by reshaping the nature of the institution's relationship with students. No where is this commitment more visible than in the delivery of information and services directly to the student, regardless of their location. Indeed, students nationwide have come to expect web-based, anywhere-anytime access to traditional student services. Recognizing this new paradigm, the University of Alaska System implemented a plan to develop and deploy a suite of online services to enable students to access critical information and perform many processes via [UAonline.Alaska.edu](http://UAonline.Alaska.edu). UAonline enables students to review their grade reports, transcripts, financial aid, financial accounts, pay for fees, register for classes, and track their progress toward a certificate and/or degree. The majority of students now register online, making long and frustrating registration lines a thing of the past. A university-wide virtual catalog has also been deployed that allows access to university-wide distance education course offerings available throughout the system.

The university continues to explore ways in which to attract and retain a larger number of college-bound Alaska high school students. In a university-sponsored survey of this population, it became evident that students and parents lack fundamental information and knowledge about the college selection and preparation process. In response to this need, UA developed the first University of Alaska college planning guide. Delivered in September of 2003 to more than 11,000 ninth grade students and their parents, the guide provides critical college planning information, as well information about the quality and breadth of programs available through the 16 campuses of the University of Alaska.



### College of Arts and Sciences:

The **Art Department** received its **National Accreditation** from the National Association of Schools of Art and Design in December 2002. UAA's Art Department is the only accredited Department of Art in the State of Alaska.

Department of **Music** associate professor **George Beldon** won an American Society of Composers, Authors and Publishers (ASCAP) award for his composition "Leaves of Gold," a song cycle based on poems from J.R.R. Tolkien's *Lord of the Rings*.

UAA welcomed its first voice professor into the ranks of its distinguished music faculty this year. A Canadian of Japanese-Korean heritage, soprano Mari Hahn received her training in Canada, Italy and Germany, and performs internationally. In her first public performance in Alaska she delighted UAA College of Fellows members at their annual meeting

The **Model United Nations of Alaska 2003** was held at UAA February 28 – March 1, 2003. The topic was "Children and the Human Family in the World of the 21<sup>st</sup> Century." There were 305 students registered for this event with 77 nation/states represented. Special speakers for the event included UAA Dean of the College of Arts and Sciences Ted Kassier and Sarah Sherry.

More than 200 observers and judges heard 30 contestants in the final contest of the **Alaska Native Oratory Society (AkNOS)** on April 19. The AkNOS contests expanded to include the Fairbanks and Juneau UA campuses this year. Retaining his title as oratory champion was UAA sophomore Quentin Simeon whose "Mother Hugger" rap enthralled audiences. Winning first place in dramatic declamation was UAS student Ekatrina Oleksa with the poem, "Saginaw Bay: I Keep Going Back," by Tlingit writer Robert H. Davis. UAA senior Karla Booth won the storytelling category with her aunt's memories of growing up in Metlakatla. In a special Native language category, UAS senior Hans Chester garnered top honors for a rendition of his speech in Tlingit. Altogether, \$30,500 was distributed to winners in the competitions in Fairbanks, Juneau, and Anchorage, raised largely by First Alaskans Institute, with support from Alyeska Pipeline, VECO, Manilaaq Corporation, Sealaska Corporation, Alaska Native Professionals Association, Caroline Lewis and others.

The **American Quaternary Association (AMQUA)** held its national meeting at the UAA campus in August 2002 - the first national geology or archaeology conference to take place in Alaska.

This year's **Complex Systems lecture series** featured **Dr. Eric Klopfer** (MIT Teacher Education program) discussing complexity and education; Dr. Barbara Stafford (University of Chicago) showing how complexity and technology affect our visual environment; Dr. Len Troncale (Cal Poly Pomona) presenting his thoughts on designing cross-disciplinary programs in systems theory; and





**Dr. Harry Swinney** (University of Texas) discussing emergence and evolution of order in dynamic systems

Department of Communications professor and coach of the 2002 national championship Seawolf Speech and Debate team Steve Johnson was honored as an educator and leader in his field when he was recognized as the **2002 Alaska Professor of the Year** by the Carnegie Foundation for the Advancement of Teaching.

Marie Meade, adjunct faculty member in the Alaska Native Studies Program, received the **2002 Governor's Award for Humanities Educator of the Year** for her outstanding achievements in promoting Alaska culture.

The UAA Academics Team sponsored by CAS and composed of Diddy Hitchins-PS, Sharon Araj, Sociology; Carlos Alsua, Business; Paul Dunscomb, History; Ron Crawford, Geography; Ralph Courtney, Library; Patricia Linton, English; and Jim Parsons, adjunct PS, were the winning team at the first **Alaska World Affairs Council**, World Quest competition, to raise money for their student programs.

Genie Babb's article "**Where the Bodies are Buried: Cartesian Dispositions in Narrative Theories of Character**" appeared in the Autumn 2002 issue of "Narrative," a refereed journal.

Assistant Professor of Communications Dan Henry's "**Subsistence in a Pressure Cooker**" is the cover feature article in the May-June 2003 edition of Alaska Magazine.

Kerry Feldman, Associate Dean and Professor of Anthropology, gave an invited Plenary Session talk, co-authored by Professors Steve Langdon and David Natcher, Anthropology, on "**Northern Engagement: 30 Years of Applied Anthropology in Alaska**" at the annual meetings of the Alaska Anthropology Association conference, March 26 – 28, 2003 in Fairbanks. Feldman was a panelist at a session of the Society for Applied Anthropology conference in Portland, Oregon March 18 – 22 regarding applied anthropologists in academic administration and represented the anthropology department at the related meetings of the Consortium of Applied and Practicing Anthropology Programs in the U.S. Feldman is an officer of that Consortium.

Bill Workman, Professor of Anthropology, gave an invited paper at the **Plenary session of the Alaska Anthropology Association** meetings March 26, Fairbanks, regarding 30 years of archeological research in Alaska.

### **School of Engineering:**

UAA's highly successful **Alaska Native Student Engineering program (ANSEP)** has a national-best retention rate of 70+ %, compared with a national average of approximately 28%. The School of Engineering is currently working with universities in Washington, California, and Hawaii to develop similar programs.

Geomatics student and Alaska Scholar Alissa Pempek, who is specializing in geographical information systems and natural sciences, was awarded a prestigious **2003 Barry M. Goldwater Scholarship**, the only person attending college in Alaska to do so. Alissa was awarded the scholarship based on her academic achievements and potential for a professional career that will "work toward the betterment of the present economy and ecological status of Alaska," by using technology-based research that will develop "predictive models for the future." Alissa was born and raised in rural Wrangell. In addition to achieving academic excellence, she is an undergraduate student researcher and teaching assistant for Professors Northon and Eley in Geomatics.

Cartography students in the Department of Geomatics used geographic information systems (GIS) to make maps to help Yukon River fishers in management of salmon populations. The students' work was part of a community-based service learning project for the Yukon River Drainage Fisheries Association (YRDFA).

As a part of the **UA-CRREL Educational Partnership**, UAA received a new tiltable, glass-walled hydraulic

test flume from the CRREL facility in Hanover, New Hampshire. The flume is 18 inches wide, 12 inches deep, and 55 feet long. A National Science Foundation grant funded shipment from Hanover to Anchorage. CRREL and University of Alaska researchers, including students, have priority access, but other state and federal agencies and private engineering firms will be able to use the flume on a cost reimbursement basis.

### **College of Education:**

Registration for the **Alaska Partnership for Teacher Enhancement (APTE) Summer 2003** content institutes reached its capacity. Each summer, content institutes are offered in Anchorage and at three rural sites as a professional development opportunity for teachers in the partnership areas. Host sites and content areas for the Summer 2003 Institutes included mathematics in Anchorage, science in Akiachak, history/social studies in Chevak, and English/language arts in Toksook Bay. The Institutes were first held in the summer of 2000 with a total enrollment of 35. This year's institutes had an enrollment of 71.

Each summer, nationally-noted adult educators are invited to Alaska to teach classes based on their expertise. This past summer two one-credit graduate adult education courses were offered. Dr. Jack Mezirow, Professor Emeritus from Columbia University, taught "Learning as Transformation" June 13-15 and Dr. Libby Tisdell and Ed Taylor, Penn State Harrisburg, taught "Spiritual and Cultural Dimensions of Transformative Education" July 25-27. Both courses were held on Yukon Island.

The **College of Education Special Education Department** has received \$110,000 from the Alaska Department of Education and Early Development to outline the preliminary and exploratory work to be done in creating a training program for Special Education in the related services area of Speech Pathology.

**Dr. Mary Snyder** has been named Dean of the College of Education at the University of Alaska Anchorage. Dr. Snyder holds a Ph.D. in Educational Administration from the University of Iowa, a Master of Special Education and an undergraduate degree in elementary and special education. She comes to UAA from Central Missouri State University where she served as chair of the Department of Curriculum and Instruction.

**Dr. Jeff Bailey** has joined the College of Education faculty as the team leader for Special Education. He comes from the University of Western Sydney, Napaen, where he was a professor in the School of Psychology and the Dean of Research Studies, and New Children's Hospital, Westmead, where he served as director of the Children's Hospital Education Research Institute. Dr. Celina Kwan and Dr. Hilary Seitz have joined the College of Education Early Childhood faculty. Dr. Kwan comes from the National Institute of Education, Nanyang Technological University, Singapore. Dr. Seitz recently received her Ph.D. in Education from the University of Arizona, and comes from Erickson Elementary School, where she was an early childhood educator.

**Paula Dybdahl**, a student in the UAA Educational Leadership Program, is making a positive impact on the lives of students at Juneau-Douglas High School. She was recently featured in a Juneau Education Association advertisement entitled *Juneau Teachers Making a Difference*. In addition, Paula's work with the Early Scholars Program, a program for Alaska Native students at JDHS, was featured in a November 2002 article published in the *Anchorage Daily News*.

**Dr. Letitia Fickel**, Assistant Professor of Education, spent two weeks in Mongolia leading two workshops for the State Pedagogical University for their Teacher 2005 Project, funded by the Mongolian Foundation for Open Society (Soros Foundation). The Teacher 2005 Project is focused on teacher education enhancement and reform and the development of school-university collaborative partnerships. In the workshops, Dr. Fickel worked with approximately 100 teachers and university faculty to help them redesign their primary and secondary teacher education programs to reflect reform-minded trends and practices.

**Dr. Eileen Hughes** is involved in two studies related to the Reggio Emilia Approach in early childhood. She is working with a head start program in Chevak to support teachers as they study the actions of young children and develop curriculum. She is also working with Karen Laws to examine the ways that study groups can be used with teachers to support long-term staff development. Dr. Hughes has had two articles accepted for publication this year that highlight ways teachers in Anchorage have been inspired by the principles of the Reggio Emilia approach.

**Dr. Teresa Bunsen**, Associate Professor of Special Education, made an invited presentation at the Crossroads Conference in Grand Junction Colorado in January. The presentation, based on the results of a recent research project, was entitled *Working with Children with Asperger's Syndrome*. Dr. Bunsen also received two grants through the Alaska Schools Research Fund to investigate 1) why special educators remain in rural area positions, and 2) best practices used in designing programs for young children with autism.

**Dr. Susan Ryan**, Early Childhood Special Education, presented the qualitative research study entitled *Students with Fetal Alcohol Spectrum Disorders in Rural and Remote Alaska* at the National Conference for Rural Special Education in Salt Lake City on March 20, 2003. In addition, she and Dr. Dianne Ferguson, University of Oregon, have published their findings and recommendations in the report, *What's in a Diagnosis? A Case Study of Students with Fetal Alcohol Spectrum Disorders in Rural and Urban Alaska*.

An **American Educational Research Association** conference paper written by Dr. Letitia Fickel, College of Education Secondary Social Studies faculty member, and Dr. Ken Jones, former College of Education Elementary Mathematics faculty member, has been selected for publication on the IndianEduResearch.Net site. The paper is entitled *The Tundra is the Text: Using Alaska Native Contexts to Promote Cultural Relevancy in Teacher Professional Development*.

**Graduate Cherilynn Bickerstaff** (M.Ed., Special Education) used her thesis to develop a model English class curriculum and best practices for students with mild disabilities. Her new curriculum was successfully implemented in Palmer area schools this year.

### **College of Business and Public Policy:**

The **CBPP Logistics Department** has signed an agreement with the Defense Acquisition University (DAU) to offer its logistics courses to a potential DAU student market of over 500,000 employees.

The **Institute of Social and Economic Research (ISER)** has provided research for and about Alaska since 1961. It is currently two years into a project called "Understanding Alaska," funded by the University of Alaska Foundation with monies from the BP/Conoco Phillips compact. This special series of research examines Alaska's economic development issues. ISER has divided the research studies into five critical areas: Resource Allocation, Non-Renewable Resource Economy, Rural and Native Alaska, Sectoral Studies (air cargo, mining, etc.), and Special Studies (Alaska 20/20, Education Database, etc.).

The College of Business & Public Policy and the American Russian Center participated in the **U.S.-Russian Commercial Energy Summit** held in Houston, Texas, in October 2002. UAA was invited to present on its highly successful program that brings Western-style project management training to Russian Far East oil and gas engineers and managers. The program is part of a grant from the Department of Labor and Senator Ted Stevens.

The **16<sup>th</sup> Annual Public Administration Theory Network International Symposium** was held on campus in June of 2003. The conference included presentations by the world's top public administration scholars, and attendees came from all over the globe.

**Dr. Vernon L. Smith, winner of the 2002 Nobel Prize in Economics**, was named the first Rasmuson Chair in Economics. Dr. Smith is joined by Candace, his wife and partner. During their seven-month stay at UAA they are engaging in intensive discussions with faculty and community groups regarding issues of concern to Alaskans such as fisheries, rural electrification, budget crises and railbelt growth. They are also working on advancing the mission of the University. Dr. Smith was recognized by the Nobel Committee for his work in founding the discipline of experimental economics.

The four members of the CBPP Computer Club (Association of Information Professionals [AITP] Student Chapter) won second places in both Student Web Site (<http://137.229.174.51/aitp/>) and in the database competitions at the **8th Annual AITP National Collegiate Conference** at Purdue University

Assistant Professor Dr. Darren Prokop's paper entitled *Analysis of Anchorage as a Logistical Gateway to Canada's North* was accepted for publication in the Northwest Journal of Business and Economics. Funding for this research was made possible through a grant from the Canadian Consulate General Seattle. This paper builds on Dr. Prokop's previous research on air cargo co-mingling in Alaska. The paper also describes how Canadian air carriers may create efficiency gains by leveraging these co-mingling options.

A paper, "**A Systems Perspective to Teaching Supply Chain Management**," co-authored by Associate Professor Dr. William Oliver Hedgepeth and Dr. Dave Hoffman, was presented at the North American Research/Teaching Symposium on Purchasing and Supply Management, held March 20-22 in Tempe, AZ. He also gave a presentation on Feb. 17, 2003 on the air cargo capability in Alaska and global logistics initiatives for the future of Alaska to a group of visiting Russian airport executives.

### **College of Health and Social Welfare:**

The Justice Center was selected as the research partner to the **Alaska Project Safe Neighborhoods initiative**. The Alaska Project Safe Neighborhoods is a U.S. Department of Justice initiative (administered by the Bureau of Justice Administration) that supports the U.S. Attorney's efforts to organize a statewide campaign against firearms violence. The Justice Center will provide analytical support to this effort.

**Dr. Cheryl Easley** has been named Dean of the College of Health & Social Welfare. Her professional career spans the spectrum from instructor to dean. Since 1996 she has served as the dean of (and a professor at) the Crystal M. Lange College of Nursing and Health Sciences at Saginaw Valley State University in Michigan. She holds a Ph.D. in Nursing from New York University and brings a strong research background to UAA.

**Professor Randy Magen** presented an overview of research by the School of Social Work faculty and discussed preliminary results from a study of Athabascan Elders Discuss Domestic Violence at the Arctic Health Science Seminar, Jan. 31, 2003 in Anchorage.

**Professor Nancy Schafer and Brad Myrstol** have completed a research project with the Anchorage Police Department looking at officer perceptions of the workload entailed by drug and alcohol-related incidents.

Antonia Moras has completed the video "**Two Homes....**" a study of child custody issues, produced in conjunction with the Alaska Court System.

Darryl Wood, Associate Professor of Justice, published "**Explanations of Employment Turnover among Alaska Village Public Safety Officers**," *Journal of Criminal Justice*, 30:107-215.

Clinical Assistant Professor Chad Morse was selected as a **Fulbright Senior Specialist**. His first assignment was to teach for six weeks in Riga, Latvia at the Attisbia Higher School of Social Work and Social Pedagogy

from Sept. 22, 2002 – Nov. 2, 2002. He taught leadership and decision-making, marketing social programs, board development, and risk management, and facilitated workshops in Riga, Rezekne, Bauska, and Liepaja on the topics of budgeting, fundraising, and grant writing to individuals who worked in local/regional municipalities and nongovernmental organizations.

### **School of Nursing**

The **state's five largest health care providers**, Providence Health Systems of Alaska, Fairbanks Memorial Hospital, Yukon-Kuskokwim Health Corporation, Alaska Regional Hospital, and the Alaska Native Tribal Health Consortium/ANMC have committed \$2.2 million over the next three years, including \$500,000 for the current academic year, to share the cost of doubling the number of UAA nursing graduates by 2006. The university is matching that commitment through capital and other resources.

The **Alaska Kidney Foundation has donated \$40,000** for nursing scholarships for UAA students enrolled in a clinical program of study leading to RN licensure; the scholarships will be distributed to students enrolled in clinical nursing courses in Spring, Summer and Fall 2003 terms. This represents a doubling of a similar 2002 donation for UAA nursing students.

The School of Nursing received notification of continued funding for **Project RRANN (Recruitment and Retention of Alaska Natives in Nursing)**. Funding will be through the Health Resources Services Administration; the \$500,000 will extend the program through 2005.

School of Nursing will begin implementing a plan to double nursing enrollments (and graduations) by 2005. In the BS program, enrollment expansion activities will involve increasing Fall and Spring admissions from 32 to 40 students and by admitting a summer cohort of 40 students. In the AAS program, expansion will occur in distant sites that include Fairbanks, Kodiak, Bethel, Kenai, Juneau, and other Southeast Alaska communities.

The baccalaureate nursing program has been shifted to a trimester system, with three 14 week terms each year. The trimester approach was implemented in the beginning of Fall 2003.

The **first class of students graduated from the UAA Practical Nurse Certification Program**; a graduation reception was held in Anchorage on Dec. 15 to honor the 17 students who completed the program. Of the 17 graduates, five completed their program from Bethel and 12 studied in Anchorage.

A total of ten Alaska Native nursing students have received highly competitive **Indian Health Service Scholarships** for the coming year; the scholarships pay all tuition expenses as well as a monthly stipend. All of the recipients have been active participants in Project RRANN.

Joining the baccalaureate nursing program faculty are Andrea Posey, Dr. Georgia Heitkemper and Dr. Mary Ann Hautman.

To help meet the projected 9.2 percent demand for behavioral health care workers in the next ten years, UAA has received almost \$1 million from the **Federal Health Career Opportunity Program** to offer "Raven's Quest" summer institutes for three years. Current undeclared majors at UAA will receive coursework, mentoring, and job shadowing to explore careers in Alaska Native and tribal health corporations as well as hospitals and clinics. The goal is to provide more behavioral health specialists in rural Alaska.

Tina DeLapp, Director of School of Nursing, presented a paper entitled ***Creating connections: A strategy for recruiting and retaining Alaska Natives in nursing*** at the annual meeting of the Western Institute of Nursing. She was also the recipient of the Jo Eleanor Elliot Leadership Award from the Western Institute of Nursing.



Mary Logan, Assistant Professor of Nursing, did a poster presentation titled ***Simulation model of nursing and physician workforce projections*** at the annual meeting of the Academy for Health Services Research and Health Policy. She gave a presentation entitled *Using Systems Modeling to Simulation Nursing Workforce Disparities* at the annual meeting of the Western Institute of Nursing.

Jackie Pflaum, Associate Professor of Nursing, received \$37,946 funding of the ***Graduate Nurse Traineeship Grant***, from Health Resources Services Administration, Division of Nursing.

Karen Ward and colleague, Rebecca Bosek, were invited to present a paper entitled **“Behavioral Risk Management: Supporting individuals with developmental disabilities who display high risk sexual behavior”** at the National and International Conference on Abuse of Children and Adults with Disabilities in March 2003.

Dr. Carol Metcalf has assumed the role of Chair of the Practical Nurse Certificate Program; new practical nursing faculty include Maureen Northway - Ketchikan; Pamela Butcher - Bethel; and Julie Klaker - Fairbanks.

In January of 2003 Dr. Jill Janke was appointed to the National Advisory Panel on Childbearing and the Newborn by the Association of Women’s Health, Obstetric, and Neonatal Nurses. Dr. Janke also had manuscript entitled ***Breast binding – Is it all that its wrapped up to be?*** accepted for publication in the Journal of Obstetric, Gynecologic, and Neonatal Nursing.

Jill Janke, Professor of Nursing, received **\$10,000 funding for a pilot study** to test a breast feeding attrition prediction instrument from the University of Washington Center for Women’s Health Research.

### **Community and Technical College:**

**UAA became the first university in the country authorized by the Federal Aviation Administration (FAA)** to produce fully certified and employable graduates without additional training in the FAA facility in Oklahoma City. Requirements built into the curriculum allow graduates of the two- and four-year degree programs in Aviation Technology to move directly into entry-level positions as flight service station specialists in Alaska, rather than having to attend additional courses at the FAA Academy. This will help recruit students for these essential jobs, as well as save the time and expense of travel and training outside of the state. This agreement expands the series of partnerships UAA has with the FAA to support pilot and flight service training in Alaska.

Graduates of the Associate of Applied Sciences in Medical Laboratory Technology have achieved a **97 percent pass rate on the national certification exam** as compared to 75 percent nationally for other NAACLS accredited programs. The first Bachelor of Science in Medical Technology degrees were awarded to graduates at Commencement in May. Five graduates passed the national certification exam with a 100 percent pass rate, as compared to a national pass rate of 82 percent for NACCLS accredited programs.

The **UAA Massage Therapy Program** is the only COMPTA Certified program in the nation housed in a University, and is being used as the model for other Colleges and Universities. COMPTA is the only accrediting agency recognized by states offering licensure for Massage Therapists. Massage Therapy not only has a full class of 26 students, but has 12 people ready to join next year’s class!

Radiology Technology has expanded north and has accepted 5 students from Fairbanks in to the UAA program. They will be doing classes via distance education and with an instructor who has been hired by UAF. The Clinical Coordinator from UAA spent a week with the students in Fairbanks in August 2002 to kick off their semester.

New Observer Training Center trainer, Mike Todd, was certified by the National Marine Fisheries Service, to train groundfish observers in July. Mike also updated and rewrote major sections of the ADF&G crab observer manual and taught his first crab observer class during this time.

In December 2002 CTC's Allied Health Medical Technology students Karen Martin and Brady Frickey were the first two students to complete the new **BS Medical Technology degree**. Brady just signed a contract to work with Providence Hospital and Karen sat for her National Credentialing Agency for Laboratory Personnel exam and passed with an 89 percent. The national average of passing on the first sitting is 75 percent

**Dental Hygiene graduates scored in the top 2.5 percent nationally** in their recent National Board Exam. This ranks UAA as the sixth school out of 259 schools in the nation.

The UAA Dental Assisting Clinic received a **\$25,000 grant from the Rasmuson Foundation** to be used to purchase equipment in the clinic. The Dental Assisting Clinic provides dental care to individuals without dental insurance who qualify financially.

The Aviation Technology Division hosted a three-day **"International Advanced Aviation Technologies Conference"** August 20 – 23 2002. In attendance were more than 150 participants from six different nations including Australia, Japan, Sweden, Canada and Mongolia.

The **10th annual UAA Celebrity Chef Invitational** was held, to great acclaim, on Sept. 25, 2002 with guest chef Martin Yan, of PBS television fame, serving as master chef. An additional public fundraiser for the Culinary Arts and Hospitality program was held with Chef Yan at the 4th Avenue Theater in Anchorage.

### **Consortium Library:**

The new **UAA Consortium Library is nearing completion**. The striking new addition, containing a state-of-the-art Library of the 21<sup>st</sup> century, was opened to students and faculty in August 2003. The old library structure is currently being renovated, with completion scheduled for next spring. The grand opening of the entire Library will most likely occur sometime next summer.

Former Governor Walter J. Hickel presented his collected papers to the Consortium Library in July 2003. This is the first donation to the special collections section of the new Library, and has special value coming from Alaska's two-time governor and only former U.S. Cabinet official.

With a grant from the President's Special Fund, 29 journals in ecology and botany were added to the library's JSTOR electronic journal archive. Nearly one million pages, dating back to the 19<sup>th</sup> century, are now available online. For the complete title list see: [http://www.jstor.org/about/eb\\_release.html](http://www.jstor.org/about/eb_release.html). Also, the Consortium Library now provides access to the full-image archive of 100 core business magazines and journals as part of the ABI/INFORM Global database. Dates of coverage range from 1918 - 1986.

The UAA Alumni Association started a fund raising campaign with a wine tasting and silent auction on August 23 2003. The goal of the campaign is to raise \$50,000 for the Foucault Pendulum in the new library. The pendulum will be a centerpiece in the new facility surrounded by the library's main circular staircase. While the pendulum will be decorative it will have an educational role in demonstrating the earth's rotation. As the only Foucault Pendulum in the state, it will attract many visitors to the library and to UAA.

### **Administrative Services**

The new "UAA at University Center" facility opening in December 2002 in the south end of the University Center mall in Anchorage. Aside from state-of-the-art classrooms and labs for Community and Technical

College programs, a major feature of the facility is the new Enrollment and Financial Services center, which co-locates the front-door functions of admissions, registration, financial, aid, and student accounting. The midtown location with ample parking makes these services more accessible, and newly redesigned electronic systems adds additional flexibility of service. This entire project drew national attention for being completed on time, on budget, on a very abbreviated time frame.

Construction began on a new **Ecosystems Biomedical Laboratory** building adjacent to wetlands in the center of the campus. The building is scheduled to be completed and open to students in the spring 2004 semester. In addition, moving programs to the new University Center facility allows the renovation of space and the moving of academic programs on campus to a more modern and logical configuration.

UAA has developed the concepts of a new signage and wayfinding system for the campus, with the help of Land designs North and Hillier and Associates. Construction and installation of the first phase of the signage will occur in Fall 2003.

### **Athletics**

Homegrown high school and **Division I basketball star Jody Hensen**, who grew up in Homer, was named head coach of the Seawolf Women's Basketball program. She started her college coaching career at UAA as an assistant coach first for the women's team and then for the men's. She has spent the last six seasons coaching at the Division 1 level, including experience coaching in NCAA Division 1 Tournaments for the past four. She was the 1991 Alaska High School Player of the Year, and led the Homer Mariners to three consecutive Class 3A titles.

### **MATANUSKA-SUSITNA COLLEGE:**

Matanuska Susitna College submitted and was successful in receiving a **grant of GIS software** valued at approximately \$210,000 for Geographic Information Systems training. In the future the college will provide GIS training for local needs.

Mat-Su College nationwide tenure track faculty searches resulted in four new hires and included: Joan O'Leary, Ph.D., assistant professor of English; Erik Hirschmann, Ph.D., assistant professor of history; Jan Vandever, Ph.D., associate professor of mathematics; Peter Praetorius, Ph.D., assistant professor of communications; and Brenda Forsythe, instructor of computer information and office systems.

The college has now surpassed 715 FTE, the highest level since the mid-1990s

### **KENAI PENINSULA COLLEGE:**

Since the 2002 fall semester, Kenai Peninsula College has partnered with neighboring Alaska Christian College (ACC) providing their **30 Native students with access to all KPC facilities**, counseling services and advising. As a result of this partnership, KPC and ACC have created the "Encore Program." Graduates of the one-year ACC program will be able to attend KPC full time while living in ACC student housing. Presently two ACC graduates are attending KPC and it is expected that KPC will have 10-15 of these encore students in fall. ACC is recruiting their past graduates to attend KPC and live in ACC housing.

Kenai Peninsula College **received \$101K hardware/software grant from Xinlinx Corp.** that will allow KPC to offer programmable logic classes that complement the electronics technology program.

Kenai Peninsula College was presented a **\$50K grant from Alaska Dept of Natural Resources** to help support archeological research and student participation in archeological digs on the Kenai Peninsula.



Kenai Peninsula College partnered with the **Kenaitze Indian Tribe IRA in the Summer 2002** in the archeological excavation of Kalifornsky Village near Kenai along the bluffs of Cook Inlet. Under the tutelage of KPC Anthropology Professor Dr. Alan Boraas, Native students lived and worked at a Native cultural site unearthing and cataloging artifacts from their ancestors. The program for Native high school students was called the “Susten Youth Camp” while college students participated through the KPC Archaeology Field School.

Long-time Kachemak Bay creative writing instructor, Nancy Lord, was awarded the prestigious **Pushcart Prize**. The story is from her recently published collection of short fiction; “The Man Who Swam with Beavers.” It is now included in this year’s anthology alongside works by Nobel Prize for Literature nominee Joyce Carol Oates and U.S. Poet Laureate Robert Pinsky.

The Kachemak Bay Campus of the Kenai Peninsula College sponsored the second annual Kachemak Bay Writer’s Conference, **“Can Writers Make a Difference?”** in Homer in June. The featured speaker was nationally known author Tobias Wolff. This state-wide conference featured workshops, readings and panel presentations in fiction, poetry, nonfiction, publishing, script writing and children’s writing.

### KODIAK COLLEGE

**“Litnaurlita” (Let Us Learn in Alutiq)** is the name of the five year grant from the U.S. Department of Education to Kodiak College. The \$1.7 million grant is designed to strengthen the college’s ability to provide support services and basic education skills to its students, and the develop programs to give students access to high-demand employment fields. The college is currently in the third year of the grant.

### PRINCE WILLIAM SOUND COMMUNITY COLLEGE:

The **2003 Last Frontier Theatre Conference** was held June 20-29, 2003, at the Valdez Civic Center. Attending were previous honorees Edward Albee, August Wilson, John Guare, and Terrence McNally, along with Pulitzer Prize-winning playwright Paula Vogel, Academy Award-winning actress Patricia Neal and actor Chris Noth. The recipient of the 2003 Edward Albee Last Frontier Playwright Award was Romulus Linney and the recipient of the 2003 Last Frontier Directing Award was Emily Mann. Edward Albee formally accepted the honorary doctorate in Humane Letters from the University of Alaska Anchorage.

Highlights included:

- The addition of a High School Play Competition Added to Theatre Conference, which gave younger students a chance to participate along with the adult playwrights in the Short Play Development Workshop.
- Celebrity participants included Edward Albee, David Esbjornson, Mel Gussow, Laura Linney, Romulus Linney, Emily Mann, Terrence McNally, Patricia Neal, Chris Noth, Lloyd Richards, Courtney B. Vance, and Paula Vogel.
- New participants included Fairbanks Shakespeare and the Alaska Film Festival.

The conference included readings of ninety new plays, panel discussions, evening performances, and classes in playwriting, directing and acting.

Additionally, with the assistance of a grant from the Alaska Humanities Forum, PWSCC a new documentary video of eleven years of the Last Frontier Theatre Conference, including interviews with Edward Albee and other theatre luminaries, was filmed, compiled and edited by Ethan Gussow, New York videographer. It provides a documented oral history of the conference and theatre in the 21st century. The video will be made available to all colleges, high schools, and major libraries in Alaska.

Prince William Sound Community College will be providing educational multimedia tours of the Alyeska Marine Terminal and Pipeline, the 1964 Earthquake and a virtual tour of double-hull oil tankers during the summer tourist season. These multimedia presentations through the 2003 summer season, and were shown in the College Commons Small Theatre on a large screen twice a day, seven days a week, with additional showings on Mondays and Saturdays. The college is providing this educational presentation in an effort to offer more activities for tourists in Valdez.

Several facets of Prince William Sound Community College received **funding from the United Way of Valdez**. The Maxine and Jesse Whitney Museum received \$5,000, Phi Theta Kappa Honor Society received \$2,000, and the Adult Basic Education department received \$15,000.

**PWSCC recorded enrollment increases on all three campuses**, Valdez, Copper Basin and Cordova for the fall 2002 semester. Previously, the College's highest fall enrollment was 1,926 students in the fall of 1998. In the fall 2003 semester PWSCC exceeded all expectations with 2,300 students between all three campuses. This increase is due to several factors including increased student services and accessibility, the establishment of the Certified Nurses Assistant program in Valdez and Cordova, Microsoft and Cisco Networking courses, and the dual credit programs at all three campuses.

The UA Board of Regents approved a new **associate degree with a Concentration in Theatre** at Prince William Sound Community College. Home of the Last Frontier Theatre Conference, PWSCC has long been linked to the theatre and this program should directly benefit from that connection. The college is the first within the state of Alaska to offer an associates degree in theatre. This curriculum will provide students with a general liberal arts background and the foundation necessary to continue their education at a four-year institution. Award-winning playwright/director Dawson Moore has been hired to start the program.

Valdez High School seniors came to PWSCC for an introduction to college life in Fall 2002. They were informed about financial aid and housing options, advised on their course selections, practiced the process including purchase textbooks and pay for tuition with fake money. This program has benefited the college in the areas of recruitment.

The first class for the **Microsoft Certified Systems Engineer course** for Windows 2000 was successfully completed by 15 students. The next course will be the MCSE Advanced Windows 2000 course.

PWSCC was **awarded a one-year grant of \$170,000** to improve its science curriculum and technical ability to deliver science courses to outreach campuses and remote villages in the region. The grant was awarded by the U.S. Department of Agriculture's Cooperative State Research Education, and Extension Service as part of its Alaska Native/Native Hawaiian Serving Institutions Program. New equipment will be purchased with the grant money to provide real-time, web-streamed video classes to all three PWSCC campuses. The biology and chemistry lab were upgraded with state-of-the-art lab stations and computers.

PWSCC received a **Title III supplemental grant for the amount of \$50,000**. The grant will be used to implement Cisco Training for students and Blackboard Training for the faculty. Cisco Training funding will allow the College to purchase the additional equipment needed to offer these courses. With this training, students can be certified and hired by area companies to manage networks and router switches and firewall systems.

**Alaska Tanker Company has given \$6,000** to establish a scholarship for a student attending Prince William Sound Community College. The recipient will be a degree-seeking full-time student and must maintain a 3.0 G.P.A. The first scholarship was presented at the 2003 graduation ceremony to Jenny Sodergren-Morgan.

PWSCC students Sam Dunham and Tawny Linn competed in the **State Model United Nations competition** in Anchorage and won Honorable Mention (representing the United States) as the Best Delegation of over 80 teams. Dunham was also selected as Most Distinguished Delegate for his committee, the Security Council.

The **PWSCC Wellness Center** received funding from Alyeska for new gym equipment. The new equipment that has arrived at the Wellness Center includes a Life Fitness & Hammer Strength Olympic incline bench, pro series cable crossover, decline bench, seated preacher curl bench, pro series hamstring curl, rubber hex dumbbells, pro series multi-hip machine, and the dip and chin assisted lift.

PWSCC **celebrated 25 years of quality education and services** to its communities. Mayor Bert Cottle, Representative John Harris and Regent Michael Snowden read the Anniversary Resolutions during the ceremony. Dr. John Devens spoke as the founding president of Prince William Sound Community College. Sixty students were honored this year; two received a B.A., 37 received Associate degrees and certificates, and 21 received their G.E.D.

PWSCC presented three new scholarships in memory of Shellie Moeller, Helen Wade and Tom VanBrocklin with the Shellie Moeller Leadership Memorial Scholarship, Helen Wade Public Service Memorial Scholarship, and Tom VanBrocklin Future Leaders Memorial Scholarship.

The Alpha Psi Gamma Chapter of Phi Theta Kappa at PWSCC received the following awards at the 2003 Phi Theta Kappa International Convention:

Robert Giles Distinguished Advisor Award - Gail Renardson  
Distinguished Chapter Officer Award - Rainier Masters

This year, nearly 500 chapters competed for the society's most coveted awards.

PWSCC and Alpha Psi Gamma coordinated Valdez's first American Cancer Society Relay For Life. It was held on May 30 beginning at 6:00 pm at the High School Track and Field and ended at 6:00 pm on May 31. The ACS Relay for Life is a unique event that offers communities the opportunity to participate in the fight against cancer. It is a 24-hour marathon of volunteer teams raising funds and walking to promote the elimination of cancer as a major health problem through research, education, advocacy, and service.

PWSCC expanded the normal 4-hour training in **Oil Spill Response Safety training** to a comprehensive 24-hour curriculum and to accelerate the schedule from one month to two weeks. PWSCC was able to meet this challenge through a significant effort on the part of everyone in all departments at the College. Trainers and support personnel were dispatched, materials and multi-media equipment assembled and shipped, and 25 classes were held in eight locations, including Valdez, Cordova, Chenega Bay, Whittier, Seward, Homer, Seldovia, and Kodiak. More than 700 people were trained in 2003 through this unique and important partnership between PWSCC, Alyeska/SERVS, and the communities in the region.

## **PWSCC Faculty**

**Carla J. Oster** (Associate Professor of Computer Information Office Systems—CIOS) earned her M.Ed. in Education Administration from the University of North Dakota and a B.S. in Business Education from Dickinson State University. Experience includes fourteen years in post-secondary and nine years at the secondary level. For a three-year period in the early 1990's, she was a Title III director where she directed the project to connect tribal colleges across the United States to deliver interactive classes. Carla Oster was recognized and published last year in the Who's Who in Education.

**Dr. Bob Benda** has a Ph.D. in Ecology and has been teaching at the college level for over 30 years. He is currently a Professor of Biology at Prince William Sound Community College and has made Valdez his home for the past 20 years. A long time Naturalist, Bob is intimately involved and well known for his acumen in safely capturing sick/injured/incapacitated Bald Eagles and preparing them for transport the TLC Center for treatment. Bob supported the Sir Alister Hardy Foundation for Ocean Science Continuous Plankton Recorder Survey this past year and has been a contributor to the Annual Report the foundation publishes.

Bob also received the Committee Member of the Year Award from the Regional Citizens' Advisory Council for his work on the Terminal Operations and Environmental Monitoring Committee.

**Melodie Mackey (Associate Professor)** graduated from Illinois Benedictine College in 1973 with a B.A. in English and a minor in Philosophy. She spent seven years in Metlakatla – the only Indian Reservation in Alaska. She earned her M.A. in Humanities at California State University and after teaching as adjunct faculty for many years, was hired as a full-time faculty member in 1998. She was elected to serve on the Valdez School Board.

### **COPPER BASIN CAMPUS**

Katrina Church-Chmielowski has recently updated the PWSCC **“Tourism in Rural Alaska: A Community Education”** curriculum and has presented at several conferences throughout the state in the past year. While presenting at the recent Alaska Wilderness Recreation and Tourism (AWRTA) conference, she was invited to attend the Business Enterprises for Sustainable Travel Think Tank III and Conference, and submit an abstract describing the project by Dr. Michael Selzer, Director. Her paper was submitted to a committee who reviewed all the submitted abstracts. Katrina's abstract was selected out of many from across the world. Katrina presented on the PWSCC curriculum and working with indigenous people in tourism at the very prestigious World Travel & Tourism Council co-sponsored conference held in Costa Rica this July. She was also invited to the Business Enterprises for Sustainable Travel (BEST) Think Tank III and Conference, July 8-11 in Costa Rica, by Michael Seltzer, BEST's Director. This is an international meeting to develop and incorporate a 6-8 hour sustainable tourism module for tourism education and training programs within universities and technical training institutions.





## Highlights

The passage of Proposition C on the November general election ballot served as a vote of confidence from the citizens of Alaska. With the support of Alaskans, UAF can proceed with planning and constructing badly needed facilities on West Ridge and expanding the Tanana Valley Campus into the former state courthouse downtown. With growing enrollments and increases in federal research dollars, the bond package allows us to build upon our strengths and unique features as a world-class teaching, research, and public service institution.

UAF's instructional programs cover a broad postsecondary spectrum from certificates to doctorates, and is the major research center for Alaska. UAF is committed to UAF students a balanced education in the arts, humanities, natural, and social sciences through which creativity is fostered and historical and philosophic perspectives are gained. The state benefits from an educated citizenry capable of the independent pursuit of further learning, of contributing to the economic well being of Alaska and the nation, and of participating in and contributing to global society.

At its 81st Commencement in May 2003, **UAF awarded 75 certificates, 218 associate degrees, 436 bachelor's degrees and 163 master's degrees.** UAF conferred doctoral degrees on a record 36 students in fields ranging from atmospheric sciences to oceanography and molecular biology.

Once again, overall enrollment gains were posted in FY03 with an **11.5 percent increase in closing fall 2002 semester enrollment** over the previous fall. The fall closing enrollment of 9,390 students was UAF's highest since 1994.

UAF glaciologists garnered national and international attention following their published report in the journal *Science*. Keith Echelmeyer and co-researchers Anthony Arendt, Will Harrison, Craig Lingle, and Virginia Valentine used a laser measuring device to reveal that many Alaska glaciers are melting dramatically. Many have melted at an incredible rate since the 1950s, and the rate of volume loss has doubled since the early 1990s.

With **critical assistance from the U.S. Army's Fort Wainwright 4-123rd Aviation B Company**, Roland Gangloff, curator of the University of Alaska Museum's earth science collections, led a pair of expeditions to remote sites in northern Alaska. The groups excavated remarkable specimens of what's believed to be an intact ichthyosaur from the Howard Pass area in the Brooks Range, and a pachyrhinosaur skull from a site along the Colville River.

The **7.9 earthquake that struck Alaska** on November 3, 2002, offered scientists a unique opportunity to study a major catastrophic event. People





from around the world sought information about the quake. Traffic on the website run by the Alaska Earthquake Information Center, a unit of the UAF Geophysical Institute, increased dramatically in the days following the earthquake. The site offers up-to-date information, as well as links to sites that provide safety and preparedness tips. Visits to the site increased from fewer than 20,000 hits the day before the quake to nearly 480,000 hits on November 3 and 800,000 hits the day after.

**Private donations to UAF in FY03 totaled approximately \$6.6 million**, including six new scholarship endowments.

**Three new academic programs were approved by the UA Board of Regents:** a certificate in Educator: Para-professional; an associate of Applied Sciences in Educator: Para-professional; and a master of arts in Applied Linguistics.

### Scholarship and Achievement

The **FY03 Usibelli Award-winners** have more than sixty years of combined service to UAF. Professor of Geology and Geophysics Rainer Newberry was recognized for outstanding teaching, Professor of Geology and Geophysics Keith Echelmeyer was acknowledged for his glacier research, and Professor of Music Kathleen Butler-Hopkins was honored for her exemplary public service. Each received \$10,000 from an endowment established by the Usibelli Coal Mine.

UAF Chancellor Marshall Lind and former Gov. Tony Knowles each received the **2002 Denali Award**, the top honor given by the Alaska Federation of Natives to non-Natives. Lind was recognized for his commitment to serving the educational needs of rural and Native Alaskans which began in 1961 when he and his wife, Lois, moved to Kwigillingok as first-year teachers for the Bureau of Indian Affairs.

Syun-Ichi Akasofu was awarded the **Order of the Sacred Treasure, Gold, and Silver Star**, by the Emperor of Japan in recognition of his contributions toward promoting friendly relations between Japan and the U.S.

The **UAF student steel bridge team took first place** in regional competitions, and placed sixth nationally. The 104-pound bridge assembles in little more than two minutes and holds a weight of one ton.

The Greater Fairbanks Chamber of Commerce honored Tanana Valley Campus Director and Special Assistant for Athletics Jake Poole with its **2002 Golden Nugget Award**. Poole was selected for his “hard work and dedication which has helped make Fairbanks a better place to live, work and play.” Nanook Hockey Coach Guy Gadowsky received the Golden Heart Award for Community Support, given each year to a UAF employee who has shown outstanding support of the Fairbanks community.

Provost Paul Reichardt presented the **Provost’s Prize to Julia Ann Walker from Anvik**. Walker began her student career at UAF in 1982 when she joined the Cross-Cultural Education Development program. She has enrolled in at least one distance education course almost every semester since then and graduated May 11, 2003, with academic honors. She has accepted a teaching position in her home village of Anvik.

Matt Emmons, is a 2003 magna cum laude accounting graduate. A four-year member of the Nanook rifle team, Emmons led UAF to national titles each year and is the only shooter in NCAA history to win the individual smallbore national championship three years in a row. Emmons is ranked number one in the world in men’s prone rifle, and number four in men’s three-position rifle. Emmons plans to try out for the U.S. Olympic Team for the 2004 Olympic Games in Athens, Greece.

The **Alaska Native Language Center and the Kuskokwim Campus in Bethel** will receive **\$1 million** over the next three years from the U.S. Department of Education for a Yup'ik Language Education program in the Yukon-Kuskokwim delta. The funding, part of the Alaska Native education program within the Office of Elementary and Secondary Education, will focus on enhancing the second-language skills of certified teachers and teachers' aides in the Lower Yukon, Lower Kuskokwim, and Kuspuk school districts.

Five December graduates from UAF's Kuskokwim Campus in Bethel and twelve graduates from UAA were the first students to earn certificates through a new program in practical nursing. The program, now in its second year with thirty-five students enrolled, resulted from a partnership among UAF, UAA, and the Yukon-Kuskokwim Health Corporation. It's designed to address a critical shortage of qualified health care workers in hospitals and clinics throughout Alaska.

Thomas Marr, Professor of Bioinformatics and Computational Biology, is one of four **President's Professors** at UAF. Marr joins John Walsh in Global Climate change, Gordon Kruse in Fisheries and Oceanography and Buck Sharpton in Remote Sensing. The President's Professors program is funded through a settlement with major North Slope oil producers.

Walter Benesch, Professor of Philosophy and Humanities, emeritus, received the **2002 Governor's Award for Humanities Scholar** for his outstanding intellectual contributions to the humanities.

John Creed and Susan Andrews, professors of English and Journalism from UAF's Chukchi Campus in Kotzebue, received the **ACLU Champions of Free Speech Award** from the Alaska Civil Liberties Union Foundation.

Judith Kleinfeld, director of UAF's Northern Studies program, was honored by the statewide **Fetal Alcohol Syndrome Parent Support Group** for her contributions to the education of young people in Alaska with fetal alcohol syndrome. Kleinfeld received the 2002 Gold Pan Award for Outstanding Contributor in the Field of FAS for 2002.

Mechanical Engineering Professor Hong Liang was selected to receive a CAREER award from the **National Science Foundation**. She will receive \$450,000 over the next five years to fund research activities at UAF.

Provost Reichardt signed a cooperative agreement on behalf of UAF with **Russia's St. Petersburg State University**. The agreement includes plans for exchanging faculty and scientific personnel; undergraduate and graduate students and administrative personnel; and for organizing conferences, seminars, workshops, and other academic activities of mutual interest.

### **Infrastructure Changes**

The FY03 construction season started with UAF's "Big Dig" as construction on the \$16 million West Ridge Research Building and the **\$7.5 million West Ridge Utilidor Extension** was dubbed. Some 95,000 cubic yards of dirt were removed; that's like filling up all eight floors of the Gruening Building twice. UAF's FY03 construction activity also included the UA Museum expansion, the U.S. Department of Agriculture Subarctic Research Facility, Rasmuson Library revitalization, the new Thompson Drive access road, and Wood Center renewal phase one.

A rededication ceremony for the **Brooks Memorial Mines Building** took place in September 2002. The newly revitalized building reopened with state-of-the-art classrooms, offices for six academic departments, and a gathering room with a design that reflects the Alaska Native cultures served by UAF.



Construction began on the Bristol Bay Campus to expand office and classroom space. The Center for Distance Education moved to a new 9,000 square foot location in Fairbanks to significantly increase electronic course delivery. Construction continued on the Cooperative Extension Service Food Product Development kitchen on the UAF campus. The commercial-grade kitchen is scheduled for completion in early FY04 and will feature space for sensory evaluation of experimental food products.

Renovation began in January on the first two floors of the former state courthouse, now known as the **Tanana Valley Campus Center**. The center opened for the fall semester and houses several of TVC's academic programs and classrooms as well as the Student Assistance Center, the Center for Professional Development and Corporate Training, and Workforce Development. Renovation of the third and fourth floors of the building will take place as funding allows. The renovations will allow TVC to provide a true campus presence in downtown Fairbanks and will give community members easy access to TVC's career training and higher education programs. TVC received a \$1 million grant from the Denali Commission for renovating the fourth floor of the Tanana Valley Campus Center. The space will house TVC's Dental Assistant program as well as the Certified Health Aide program.

### Changes in Leadership

**Phyllis Morrow** was named Interim Dean of the College of Liberal Arts. Morrow replaces John Leipzig, who accepted a position as Chancellor at the St. Thomas Campus of the University of the Virgin Islands.

Marketing Professor **Claudia Clark** became UAF's first dean of enrollment management. Clark oversees the offices of Admissions, Registrar, and Financial Aid along with the Academic Advising Center, and all student-centered departments integral to students' enrollment experience.

**Mark Neumayr** was named vice chancellor for administrative services, overseeing UAF's budget, business operations, purchasing, personnel, risk management and environmental health and safety offices, fire and public safety departments, and facilities services.

**Brian Allee**, former Director of the Fisheries Rehabilitation, Enhancement and Development Division of the Alaska Department of Fish and Game and President of the Prince William Sound Aquaculture Corporation, was hired as the new Director of the Alaska Sea Grant College Program at the School of Fisheries and Ocean Sciences. Sea Grant sponsors marine research and extension services in Alaska. UAF alumna **Nettie LaBelle-Hamer** was appointed Director of the Alaska Synthetic Aperture Radar Facility. **Deborah McLean-Nelson** was appointed Director of the Bristol Bay Campus in Dillingham. McLean-Nelson, currently an Associate Professor of Education and Early Childhood Development, will take the reins from retiring Director Peggy Wood, currently serving as Acting Director at the Northwest Campus in Nome. Brian Barnes assumed the directorship of the Institute of Arctic Biology.

**Corene Schwartz** was hired as director of athletics and recreation.

**Joe Hayes** was named executive director of the UAF Alumni Association.

## ACADEMIC DEPARTMENT SUMMARIES

### College of Rural Alaska (CRA)

The **Allied and Behavioral Health** programs have grown significantly over the past year, due in part to an \$800,000, three-year grant from the Department of Health and Social Services. The grant has also allowed CRA to attain Health Education Training Center status.

The first group of fifteen students from the **Kuskokwim Campus in Bethel** completed the first section of the new Health Care reimbursement certificate program and an additional fifteen have signed up.

The **Rural Human Services certificate program** is also growing. There are 136 trained counselors and students working in 88 communities across Alaska through a statewide partnership with the Alaska Native Health Consortium and health corporations. CRA initiates and maintains successful partnerships with government agencies, Native organizations, businesses, and health and education organizations. Partnership support, including cash and in-kind donations, grants, and formula funding, total \$12.6 million in FY03.

College of Rural Alaska Executive Dean Bernice Joseph, a graduate of UAF, was named **Shareholder of the Year** by delegates at the Doyon Ltd. Native corporation's annual meeting. Joseph shared the award with UAF alumnus Christopher Simon, superintendent of the Yukon-Koyukuk School District.

Shirley Sterner, long-time fiscal officer for CRA, received the **2002 Chancellor's Recognition Award**. Sterner, who's been with UAF for thirty years, is described as a person of high integrity who is often the "glue" that holds many projects together.

#### *Bristol Bay Campus (BBC)*

BBC had a **thirty-four percent increase in credit hours** and a **forty-one percent increase in enrollments** over the previous academic year. BBC was awarded a \$148,562 Department of Education Talent Search grant to serve middle and high school students in gaining access to post-secondary education, and a \$103,285 Rural Career Pathways grant to provide high school youth and adults with vocational education and job training for high-demand, skilled occupations. BBC was funded for its third year of a five-year Title IIIA-Strengthening Institutions grant for a total of \$395,000. BBC is also in its second year of a \$400,000 U.S. Department of Housing and Urban Development grant to provide construction and technology training for distressed communities in Bristol Bay.

BBC continued to partner with the Interior-Aleutians Campus to develop its student cohort under the \$1.8 million, five-year, **Hutlee-Umyuarchdelee National Science Foundation math, science, engineering, and technology grant**. The associate of applied science degree in Renewable Resources has moved its home from the Department of Alaska Native and Rural Development to the Bristol Bay Campus. Development for the program is sponsored by a continuing Title III grant; student support services are sponsored by two National Oceanic and Atmospheric Administration grants.

John Bruder, Associate Professor of Mathematics, taught a **dual-credit trigonometry class to high school students** in three villages using videoconferencing equipment. Gina M. Pope was honored by Bristol Bay Native Corporation as Student of the Year for leadership, high standards, and academic achievement.

#### *Center for Distance Education (CDE)*

**Enrollment in distance education courses through CDE has increased more than twenty-two percent** from FY02 to more than 15,500 student credit hours in some 135 different courses. CDE deployed video conference equipment to all CRA rural campuses and demonstrated the ability to originate and receive distance classes by two-way video to all Alaska villages by connecting through the major Alaska telecommunication carriers.

The CDE design team created new courses for **Allied Health career paths** now being delivered to Kodiak, Kotzebue, Bethel, and Nome. The learning systems team trained instructors in Internet-based shared tools for delivery to villages.

### *Rural Alaska Honors Institute (RAHI)*

**RAHI 2003 was the largest in its 20 years with 60 students**, made possible in part by substantial external funding through the National Science Foundation and the National Institutes of Health. Fifty-nine students completed the program with a total of 520 UAF credits and an average GPA of 2.87. Ninety percent of the original cohort completed the program. Three students earned a 4.0 GPA and received tuition waivers of \$1,800 each. This cohort produced the highest average credit load (8.81) and the highest total of credits earned (520).

### *Cooperative Extension Service (CES)*

UAF for Youth HB111 became SB246 and was passed by the Legislature this year. This limited liability for livestock bill was written by 4-H members in the Tanana District and sponsored in this session by Sen. Ralph Seekins. **UAF for Youth received a \$22,000 grant** to sponsor legislation dealing with an animal dumping bill. Some of the money will also be used on the Kenai Peninsula to sponsor an after-school program.

The **Integrated Pest Management program** answered over 10,000 inquiries on garden, tree, and household pests in FY03 from clients throughout the state. The UAF CES Publications and Distribution Center distributed 133,339 publications throughout Alaska or 1,562,312 printed pages. CES also produced a 300-page domestic water use guide to give every extension office in Alaska, Washington, Oregon, and Idaho a reference book for common questions about water quality. A CD version is planned.

As part of the **Alaska Department of Environmental Conservation Village Safe Water program**, CES initiated a pilot program in the rural villages of Eek, Shishmaref, Tanana, and other rural communities to test a new hand pump application for drawing drinking water in private residences. The pump will eliminate unsafe water-drawing practices that increase water contamination and community exposure to infectious diseases.

CES began manufacture and testing of spruce/plastic composite landscaping boards. This **USDA-funded** project uses harvested spruce bark beetle-killed trees to produce a wood/plastic composite board that can be used in landscaping and gardening. A similar composite board is already used for park benches and picnic tables.

### *Chukchi Campus (CC)*

CC received a **\$100,000 Department of Labor/Rural Careers Pathway Grant**. CC used this grant to initiate a live web-based Billing and Coding training program this past summer. Students from four villages are participating in this form of distance education.

### *Interior-Aleutians Campus (IAC)*

IAC was **awarded \$519,047 from a National Science Foundation Tribal Colleges and Universities program grant**. The funding supports the third year of the Hutlee/Umyuarchdelee project, which takes cohorts of students from the Bristol Bay and Interior-Aleutian campuses through a series of advanced math courses.

IAC was awarded **\$443,010 for the fifth year of Title III Strengthening Institutions funding**. This five-year grant has funded several new programs, including the certificate and associate of applied science degree program, Educator: Para-professional (EDPA), to address No Child Left Behind legislation. IAC conducted the first two-week summer EDPA intensive course for sixteen students.

Title III also support **IAC's Tribal Management degree**. Together with the Council of Athabascan Tribal Governments, a \$100,000 grant from the Department of the Interior funds Tribal Management students from the ten villages in the Yukon Flats. The partnership has also developed a new program in Construction Trades (CTT). A CTT faculty member was hired and courses are being offered in Alaska villages, reaching primarily

young Alaska Native men. A CTT working group is developing the CTT into a new academic program. A U.S. Department of Housing and Urban Development grant of \$389,159 will be used to create a museum in McGrath.

#### *Kuskokwim Campus (KuC)*

The **KuC Emerging Scholars program** enrolled **twenty-one** new freshmen. Sixteen Emerging Scholars returned from the previous year; seven transferred to UAA or UAF. Since the inception of the Emerging Scholars Program, KuC has filled residence halls and achieved an impressive 60 percent retention rate over three years. The program welcomed five new students for the spring semester with a three-day Learning-to-Learn camp and expects at least fifteen more for fall 2003.

KuC met with five districts from the delta to focus on the mandates of No Child Left Behind legislation and plans to offer training to 150 teacher aides and 60 new teachers through on-site, video conferencing.

#### *Northwest Campus (NWC)*

**NWC received a \$50,000 planning grant from the National Science Foundation** emphasizing mathematics, science, engineering, and technical projects for the Bering Strait region. NWC partnered with Kawerak Inc., the non-profit arm of the Bering Strait region, to instruct eighty-five primarily male Alaska Native students in the villages in basic carpentry skills. Most participants were subsequently hired for construction projects in their communities.

Interim Director Margaret Wood was honored in October 2002 by the **Bristol Bay Native Corporation** for her commitment to education.

#### *Tanana Valley Campus (TVC)*

**TVC had a record enrollment for the 2002-2003 academic year**, offering more than 1,400 sections of classes and awarding more than 34,000 student credit hours. At the 2003 UAF Commencement ceremony, 242 certificates and degrees were awarded to TVC students, the most of any campus within the UAF system.

The **TVC Bunnell House Early Childhood Lab School** was awarded the highest rating possible in a local child care assessment program called Hearts for Kids.

TVC's partnership with UAA expanded to include a new **two-year Radiologic Technology program** and, most recently, a one-year Licensed Practical Nurse (LPN) program at the Fairbanks campus. The partnership is vital to the future of the health care industry in Alaska, which is expected to grow dramatically in the next ten years.

TVC and the Fairbanks North Star Borough School District (FNSBSD) partnered to rejuvenate the **Tech Prep program**. The program allows FNSBSD high school students to receive college credit for courses they take while they are in high school. The goal of the program is to help students develop a college transcript at an early age and to encourage them to continue pursuing higher education once out of high school. More than 250 students took advantage of this program during the spring 2003 semester.

The **TVC Certified Public Manager (CPM) program** graduated its first seven students in May 2003. The CPM program is a nationally accredited management development program created by the American Academy of Certified Public Managers. The program is designed to develop management, supervision, and leadership skills in the public and private sectors. To complete the program, students must complete 300 hours of training modules taken from a variety of topics ranging from customer service and communication skills to strategic planning and accounting.

TVC Assistant Professor of Applied Business Melissa Brown was named the **2003 President's Outstanding Distance Educator of the Year** by UA President Mark Hamilton. Brown was recognized for her outstanding work the developing of web-based courses for the TVC Applied Business program. Marketing Coordinator Scott McCrea received the 2003 Chancellor's Recognition Award for UAF Employee of the Year.

**TVC boasts an eighty percent success rate** of students finding employment after graduation in many programs. Programs with a one hundred percent success rate include Paralegal Studies, Culinary Arts, and Diesel/Heavy Equipment Technology.

### **College of Liberal Arts (CLA)**

Kade Mendelowitz became associate CLA dean; he also received a *Fairbanks Daily News-Miner* **Reader's Choice Award** as one of the three best teachers in the area.

Grants from the National Endowment for the Humanities supported archival work and cataloging for the **Alaska Native Language Center and UA Museum**.

The Board of Regents approved a **master of arts in Applied Linguistics** with a focus on community-based approaches to language documentation and revitalization, and on teaching second or foreign languages. The Social Work and Journalism departments were reaccredited. Social Work students scored well above national averages on exit exams.

The **Center for Alaska Native Health Research**, under the direction of Psychology Professor Gerald Mohatt, is engaged in a major new biomedical initiative funded by the Department of Health and Human Services to address the needs of Alaska Native peoples through research in genetics, epidemiology and bioinformatics, and culture and behavior.

### **College of Science, Engineering, and Mathematics (CSEM)**

CSEM was active in community and K-12 outreach programs administering the Alaska Native Science and Engineering Program, the UAF Alaska Summer Research Academy (ASRA), Science Potpourri, UAF On the Road: Science Education Outreach in Nome and Kotzebue, and the Annual Engineering Week Community Open House. CSEM also supports activities such as the Alaska Statewide High School Science Symposium, Fairbanks District Science Fair, Howard Luke Science Camp, Interior Alaska Native Science and Engineering Fair, and year-round K-12 class tours of CSEM laboratory facilities. CSEM faculty mentored twenty-four of the thirty-six 2003 Ph.D. recipients. CSEM students received the three university-wide outstanding graduate awards.

The **Center for Nanosensor Technology** completed phase one of a multi-year project to develop microsenors and microsensor arrays for university, government, and commercial applications.

### **Graduate School (GS)**

Many records were broken during the 2002-2003 academic year: **36 Ph.D. degrees and 163 master's degrees were awarded**. Doctoral student enrollment for fall 2002 reached 200 for the first time. Collaborative Ph.D. enrollment of students based at UAA is growing, with nine students for fall 2002. Overall, graduate student enrollment in fall 2002 was 918, up ten percent from 2001. UAF graduate enrollment has increased thirty percent during the last five years.

The **Subsurface Science Graduate program** provided funding to the GS for two new, three-year graduate fellowships; this program will fund additional Ph.D. students in 2003. The program is a long-term collaborative



effort by the universities of the Inland Northwest Research Alliance, funded by the U.S. Department of Energy, to enhance research and education in the sciences investigating the uppermost few hundred meters of the Earth's crust. Participants conduct research supervised by UAF faculty members and take courses via distance delivery with faculty and students located in Alaska, Idaho, Montana, Washington, and Utah.

Joseph Kan, now Graduate School Dean Emeritus, developed a very successful seminar series on **"Leadership in Action."** It drew enthusiastic participants from both the university and the Fairbanks community.

### **School of Education (SOE)**

SOE received official national approval for **SOE programs in math, science, language arts and social studies** education. Fewer than twenty-five percent of all U.S. institutions have national approval for all four core programs.

Enrollment in every SOE program increased last year, and enrollment in the initial licensure programs more than doubled.

### **School of Fisheries and Ocean Sciences (SFOS)**

President George W. Bush appointed **Susan Sugai to the United States Arctic Research Commission**, which recommends national arctic research policy. Sugai is the Associate Director of the Alaska Sea Grant College Program and an SFOS marine research scientist.

Science Director Jennifer Reynolds is collaborating with the National Oceanic and Atmospheric Administration, the National Marine Fisheries Service (NMFS), the Alaska Department of Fish and Game, and the Moss Landing Marine Lab to assess deep coral and sponge habitat in the central Aleutians as possible commercial fish habitat. Reynolds also led SFOS and NMFS researchers in mapping the first active undersea volcano to be discovered in the Aleutian Islands region.

SFOS researchers examined the availability of nearshore fish to young Steller sea lions around Kodiak Island to learn more about the decline of the western population of Steller sea lions. The study will help to evaluate nearshore fish as a limiting factor for young sea lions, and will provide information to managers on nearshore fish assemblages and habitat.

Professor Geoff Wheat is working with the University of Hawaii to examine the chemistry of mud volcanoes to help predict the magnitude of potential earthquakes allowing governments to mitigate possible disasters. Wheat is also involved in studies to determine underwater slope stability to help scientists predict tsunamis.

### **School of Management (SOM)**

Five SOM students were selected for the highly competitive **Permanent Fund internships in the U.S. and Europe**. Of forty-eight applicants from eight schools, UAF students received five out of the thirteen available internships. Students worked this summer for investment firms in Juneau, Chicago, Boston, and London.

The Student Investment Fund presented at the Alaska Permanent Fund Corporation meeting in Juneau in September 2002. Students also attended the Investment Conference for Alaska Based Student Investment Funds. UAF and Alaska Pacific University students made presentations and then met with professionals at McKinley Capital in Anchorage.

**Twenty-six students attended the 2003 Middle School Finance Camp** while seventeen students attended the 2003 High School Finance Camp. Thirteen students attended the 2003 Adult On-Line Investing seminars. With the help of the Alaska Permanent Fund Corporation and the University of Alaska Southeast, SOM offered the

first Juneau finance camp to both middle school and high school students. Ten students enrolled in each section.

Douglas Reynolds, Associate Professor of Economics, took unpaid leave from the School of Management to work with the Alaska Legislature researching issues surrounding the proposed natural gas pipeline. Robert Logan and Charlie Sparks also worked as outside consultants on the project. The final report was presented to Senator John Torgerson, Chair of Joint Natural Gas Pipeline Committee, in August 2002.

### **School of Mineral Engineering (SME)**

Geological and engineering evidence imply that a huge volume of natural gas is stored as natural gas hydrate in northern Alaska. **In collaboration with BP in Alaska (BPXA)**, researchers at SME are working to determine the commerciality of North Slope gas hydrate resources. Technical advances suggest that production of natural gas from North Slope gas hydrate may be feasible. This research should help convert this potential resource into economically producible reserves.

### **School of Natural Resources and Agricultural Sciences (SNRAS)**

SNRAS changed its name from the School of Agriculture and Land Resources Management.

**SNRAS bought two communications units to link to compatible remote sites**, allowing the use of on-site lecturers, the Internet, and immediate video response to deliver selected classes. Thanks to a partnership with the U.S. Department of Agriculture, new laboratories in Fairbanks and Palmer will support research in plant genetics, collections, and production practices; new “Alaska Grown” products are now emerging.

Advanced technology meshes with traditional cultures in reindeer production thanks to our **Reindeer Research program’s** efforts in radio collaring and satellite telemetry. Herders can now track their animals electronically – “the best thing to happen since the advent of the snow machine,” say the herders.

Salmon prices and harvests are volatile in Bristol Bay. SNRAS analyzed the feasibility of an agricultural crop insurance program for a commercial fishery. For the first time, a risk insurance program has been implemented for Bristol Bay fishers.

Work with the Anchorage Municipality in relation to beetle-damaged spruce laid the base for successful fire reduction in Tok this year. SNRAS models depict fuel load and prioritize fire risk reduction.

Children from seventy Alaska schools in the **GLOBE (Global Learning and Observations to Benefit the Environment)** program benefit from learning about science and natural resources as they participate in actual research projects. The program incorporates Native ways of knowing into western science.

## **RESEARCH INSTITUTE HIGHLIGHTS**

### **Arctic Region Supercomputing Center (ARSC)**

Associate Director Barbara Horner-Miller was elected chair of the **2006 International High Performance Supercomputing and Networking Conference**.

ARSC celebrated its tenth anniversary in 2003 with significant computational, storage, and visualization upgrades, which included four new major hardware platforms.

ARSC received a **Next-Generation Internet grant** to install a computer-assisted virtual environment in the Rasmuson Library as part of the new virtual reality Discovery Laboratory. ARSC researchers and students

have continued the development of the Body Language User Interface by producing a virtual drawing program complete with menus, sound, and exporting options. The program was featured at an international computer graphics conference in San Diego. Users can explore virtual environments and conduct research in areas such as computer-user interfaces, tsunami inundation, and the aurora borealis.

### **Geophysical Institute (GI)**

Seismologists at GI and the Alaska Earthquake Information Center (AEIC) had a rare chance to work on the largest earthquake to occur in 2002 in the world. AEIC determined the location and magnitude of the earthquake and its aftershocks, used GPS measurements to track movements along geologic faults, and installed twenty-six new seismic stations to complement their existing network. With the reinforced coverage, AEIC recorded more than 8,000 earthquakes in the first month after the 7.9 event. Based on historical GPS measurements, GI researchers estimated that strain has been building on the fault for about 1,000 years.

Mark Conde's **Horizontal E-region eXperiment mission** launched two rockets from Poker Flat Research Range. The groundbreaking mission was the first to tip a sounding rocket on its side during flight to pierce a curtain of aurora horizontally.

Hans Nielsen used a special camera that records at a rate of 1,000 frames per second to capture the **Leonid meteor showers on film**. The unique images show the formation of a parabolic, shock-like structure around a meteor that had never been seen before. Nielsen's pioneering observations surprised the scientific community because the structure was unexpectedly large. There is presently no explanation for the formation of the large structure.

The glaciology group performed bathymetry and water temperature measurements on Hubbard Glacier, which closed off Russell Fjord from the ocean for twenty-four days before an outburst flooded the ice dam in summer 2002. Continuing research will be performed on the glacier, which is expected to eventually seal off the fjord, impacting fisheries in the Situk River near Yakutat.

### **Institute of Arctic Biology (IAB)**

Michael B. Harris, IAB and Department of Biology and Wildlife assistant professor, is collaborating with Dartmouth College, Harvard University, Boston Children's Hospital, and Yale University to **investigate Sudden Infant Death Syndrome**, a condition afflicting a disproportionately high percentage of Alaska infants.

IAB, Holland America Westours, the Alaska Bird Observatory and the UA Museum's 2003 joint partnership provided special daily summer tours at the Robert G. White Large Animal Research Station. Walkway and observation area construction was underwritten in part by a grant from Holland America Westours Foundation.

Donald (Skip) Walker, IAB Professor and Director of the Alaska Geobotany Center, served on the National Academies National Research Council Committee on Cumulative Environmental Effects of Alaska North Slope Oil and Gas Activities. Walker was Project Director for a recently published circumpolar arctic vegetation map and is heading a \$2.8 million project funded by the National Science Foundation to study frost-boil ecosystem biocomplexity.

Institute of Arctic Biology researcher Daniel Mann was invited by the journal *Science* to comment on recent advances in the study of patterned ground. These patterns include geomorphic features like sorted circles, nets, and polygons that develop in the soils of polar and alpine regions. Although associated with repeated freeze-thaw cycles, the origin of these widespread and often beautiful natural features has been the topic of intense debate for centuries.



## Institute of Marine Science (IMS)

Tom Weingartner conducted a study of the circulation in the nearshore Beaufort Sea to guide oil-spill mitigation response plans and offshore oil development. Gerry Plumley worked on a DNA-based system which could make it possible to predict when or if shellfish will become contaminated with toxins before harvests.

Brenda Norcross is studying the life history of eulachon, an important subsistence fishery in coastal Alaska. Steve Jewett is conducting North Pacific Research Board-funded research on mercury, highlighting the elevated concentrations of methylmercury in pike from the lower Yukon River region. Katrin Iken and Brenda Konar worked with the Youth Watch of Native communities to collect intertidal plants and animals in the Gulf of Alaska. This research was highlighted in *Alaska Airlines Magazine*. Michael Castellini is examining the feeding biology of

Steller sea lions and harbor seals at the Alaska SeaLife Center as part of the Marine Mammal Protection Act and the Endangered Species Act for Alaska sea lions.

## International Arctic Research Center (IARC)

IARC is conducting joint research projects, with Russia providing one of its most powerful ice-breakers, the *Kapitan Dranitsyn*, for our arctic ocean research. Japan provides the world's most powerful supercomputer, the Earth Simulator, and Japanese university researchers have established a strong consortium for many joint projects conducted at IARC. IARC and the Japan Aerospace Exploration Agency established the International Observatory of the North, which analyzes data from polar-orbiting satellites.

IARC researchers published five comprehensive lead articles in the **American Geophysical Union's weekly publication *EOS***, widely read by geophysicists around the world; this is an extraordinary achievement for an institution that was established only three years ago.

Together with the Geophysical Institute, IARC is producing “**What is the Future of the Arctic: Climate Change in Alaska,**” an interactive, educational, multimedia program designed for underserved minority children.

## UA Museum

Drawing on the success of its expansion campaign, the museum established a development department to increase private sector funding for its exhibits and education and research programs.

The museum continued partnerships with the National Park Service and the Bureau of Land Management to conduct biological inventories of lands managed in Alaska by those federal agencies. In addition to providing accurate, documented inventories for resource management decisions, the specimens become available to researchers worldwide through specimen loans and the museum's online database. With funding from the **U.S. Department of Commerce Technology Opportunities Program**, the museum extended its rural outreach initiative to include bringing digital video cameras and editing technology to rural museums, cultural centers, and public schools to help document the lifestyles and settings of Alaska's rural communities.

The museum is a member of the **Mammal Networked Information System**. This National Science Foundation-funded project gives researchers access to seventeen museum specimen databases through one Internet site.

With the addition of more than 800 dinosaur bone and teeth specimens recovered from two sites on the Colville River, the museum now holds the single **largest collection of polar dinosaurs in the world**.

In partnership with the residents of Anaktuvuk Pass and the Simon Paneak Memorial Museum, the UA Museum completed restoration of the world's only remaining Nunamiut-style (inland) kayak. The entire process was documented with both video and still photos.

## STUDENT AFFAIRS AND SUPPORT

### Athletics

What a season for UAF's athletic program! The **Nanook rifle team captured its fifth consecutive national championship** setting personal and team records along the way. Matt Emmons and Jamie Beyerle won the NCAA National individual competitions in smallbore and air rifle, respectively. The men's basketball team tied for the Great Northwest Athletic Conference (GNAC) crown after being picked to finish last in the pre-season polls, and made history as the first Division II team to win a Division I pre-season tournament when they won the BP Top of the World Classic. The team was also co-champion of the Great Northwest Athletic Conference (GNAC) and was selected to compete in the NCAA Division II Regional Championships in Hawaii. Head Coach Al Sokaitis was named the conference men's basketball coach of the year.

The **hockey team held onto the Governor's Cup for a second year** and entertained fans all season by playing an exciting, aggressive style of hockey against the toughest competition in the country. The cross-country running team finished fourth in the GNAC Championships, and the ski team continued its climb to national prominence, finishing the year as the sixth-best Nordic ski team in the country, with two UAF skiers earning All-American honors. The volleyball team finished in second place in the GNAC, placing three players on the All-Conference team.

### Division of Computing and Communications (DCC)

**DCC sponsored the TechRefresh program** for the third year, assisting academic and administrative departments with equipment selection and financial incentives to upgrade their computing equipment on a three-year cycle. Over three years this program has supported units in their effort to upgrade more than 1,300 desktop computers.

DCC purchased a storage device to support file and print services for UAF and provide substantial memory storage to the **Rasmuson Library's virtual library and digital archives project**.

DCC also assisted the Rasmuson Library and libraries associated with the College of Rural Alaska in Nome, Kotzebue, and Bethel with the transition to the new integrated library system.

### Enrollment Management (EM)

UAF established a new division of Enrollment Management. The new unit, which includes Academic Advising, Admissions, Financial Aid, First Year Experience, Orientation, Registrar, and Student Support Services, will improve services at UAF and increase recruiting and retention activities.

EM completed the second phase of a comprehensive **Strategic Enrollment Management Plan for UAF**. It opened a new telecounseling center with student callers who phone prospective students using an innovative software system to identify students' academic interests and strengths and answer specific questions. More than 7,000 calls have been logged since the center opened in February 2003.

Student participation in **UAF Orientation reached an all-time high of 620 students**. Deans and professors hosted special academic sessions to help students with advising and academic planning. EM expanded the freshman progress program so freshmen have sufficient time to correct academic problems. The First Year

Experience Program instituted the **“UAF Connect” mentor program** to link fifty at-risk freshmen with student, staff, and faculty volunteer mentors. The retention rate for UAF Connect participants was ten percent higher than first-year non-participants. EM doubled attendance at the second annual Multicultural Campus Visit day. The event served as a stimulus for creating a UAF Student Diversity Committee to assist with recruiting.

EM created a new Supplemental Instruction program to augment classroom teaching in targeted core curriculum classes, serving more than 200 students in three subject areas. EM began community financial aid workshops to help students and families complete the mandatory Free Application for Federal Student Aid form and learn about the wide range of available financial aid opportunities. Financial Aid partnered with Northwest Education Loan Association to offer financial literacy workshops.

UAF’s federally funded **Student Support Services program** earned high marks from the U.S. Department of Education and peer institution reviewers. The program serves 160 students with tutoring and academic support services. New additions to the program include a drop-in tutoring center and math labs.

### **Rasmuson Library**

The library completed a 30-month major renovation project that significantly upgraded the six-story building, including telecommunications and lighting, and replacing or repainting ceiling, floor, and wall surfaces. The library added compact shelving, two new environmental vaults for archival film and improved climate control for rare books, manuscripts and photographs. The project addressed long-term water leakage and flooding problems and provided earthquake-resistant shelf frames which performed very well during the November 2002 earthquake.

The library, with the assistance of the Division of Computing and Communications, transitioned to the new **Integrated Library System (ILS)** in August 2002. The new ILS provides state-of-the-art systems and web access for the public access catalog and provides additional flexibility in circulation, reserve book collection, and inter-library loan. The library added access to more than 2,000 scholarly journals to UAF faculty, students, and staff. It also received more than 1,800 cubic feet of office files from former U.S. Sen. Frank Murkowski.

The library initiated a major digitization project (together with the UAA Consortium Library and the Alaska State Library) through a grant funded by a Congressional Award through the U.S. Education Department’s Foundation for the Improvement of Postsecondary Education. This virtual library and digital archives project provided funds to develop and implement a statewide website with access to more than 5,000 historic photographs documenting two themes: the movement toward statehood and the history and culture of Alaska’s Native people.

### **Student Services (SS)**

The **College Bowl team placed second** at the regional competition.

Student Activities had a banner year. Most events were sold out and approximately 3,600 students participated. Due to the success of the Student Activities office this year, the student body voted to increase student fees by \$10 to form a concert board. The Outdoor Adventures program offered approximately 27 programs to 860 students and 739 non-students.

UAF was awarded a four-year **Upward Bound program grant** to continue serving low-income, first generation college students from Alaska high schools.

Construction began on a **new computer lab in the Moore-Bartlett-Skarland (MBS) Complex**. Over

90 percent of freshmen live in this complex and will benefit from better access to computing services and tutoring.

Shower facilities in Wickersham Hall were renovated, alleviating one of the more severe facilities issues in housing. Harwood Hall was returned to residential use and a major renovation project initiated in this building will be focused on graduate students.

The **Center for Health and Counseling provided free flu shots and meningitis vaccines** and organized a campus-wide Depression Screening Day. Disability Services sponsored a training program in the Type Well transcription method. The newly trained groups are now available to provide interpreting services for hearing impaired students and will provide an to ASL in many situations. The student insurance plan was renewed for the UA system with no increase in premium.



## Highlights

**The Board of Regents approved** three new bachelor degree programs and two new certificates on Friday, Feb. 21. The degrees in English, social science and information systems were approved along with Automotive and Construction Technologies certificates with the praise and encouragement of the board. "In lobbying on the Hill this week, I was asked time and again; how do we keep Alaska students in Alaska," commented Regent James C. Hayes after hearing the description of the Information System's program. "I think this goes a long way toward answering that question."

**Opening of new UAS building raises \$68,830** for scholarship funds: The UAS Winter Scholarship Soiree was a success, according to Lynne Johnson of the UAS Development Office. "We raised \$15,830 from ticket sales, the silent auction, raffle and from money donated in the casino," said Johnson. First National Bank Alaska sponsored the event with a \$10,000 donation and an additional \$43,000 was raised in the weeks and months leading up to the event. The grand total raised for UAS scholarship funds was \$68,830.

**The campus has given two computers** and their peripherals to Sheldon Jackson's Stratton Library. Four similar computer systems were donated to Mt. Edgecombe High School to provide network access from their science classroom. Computer: The campus donated a computer and related equipment to Pacific High School for the administration of the new Vocational Education Grant.

**Masters of Public Administration Graduation:** Lt. Governor Loren Lemman was the guest speaker for the fourth annual broadcast Commencement Exercises for the Master of Public Administration Program, which was narrowcast in Juneau on channel 18. The ceremony also aired in Fairbanks, Dillingham, Bethel, Unalaska, Petersburg, Valdez and some other locales.

The UAS Public Administration program started as a Juneau-based program in 1972. The MPA now reaches approximately 60 students across the state and into Yukon, Canada through satellite television. Students are mostly full-time government or non-profit employees who work on their degrees during evening classes.

"This is a program that directly benefits all Alaskans," said Program Director Jonathan Anderson. "We train public servants to be committed to democracy, to be good managers and to serve the public interest."

**Head Start:** Forty-four Alaska Head Start teachers were brought to Alyeska for a conference, designed to support their continued participation in the Distance Early Childhood Education Associate of



Arts degree program. The Head Start Bureau and the University of Alaska, which sponsored the gathering, understand the tremendous effort they are asking of these teachers. The majority of participants are Alaska Natives who live in remote villages and take mostly distance classes while also working full time and caring for their families.

The gathering was facilitated by Nila Rinehart and funded by a grant from the Head Start Bureau. UAS' Rhonda Hickok inspired the teacher/students with her story of challenge and success. Nine Elders and 38 other supporters including university instructors, advisors and mentors, Head Start training coordinators and JoAn Herren, the Training and Technical Assistance Chief of the Head Start Bureau, flew in from Washington D.C. and the spring graduates came to encourage those still working.

**UAS economic impact:** The three UAS campuses have a significant economic impact in Southeast. In FY 02, Juneau had \$7.7 million in salary and benefits for 222 full-time employees, \$2 million in part-time salaries, and \$6.2 million in capital expenditures. Sitka had \$1.3 million in salaries and benefits for 53 full-time employees, \$400,000 in part-time salaries and \$1.7 million in capital expenditures. Ketchikan had \$834,000 in salary and benefits for 30 full-time employees, \$353,000 in part-time salaries, and \$906,000 in capital expenditures.

**Juneau spring enrollment up:** The Juneau campus may see a record number of full-time students when fall '02 registration ends according to Dean of Students Paul Kraft. On Sept. 4, full-time students were up 23 over last year to 654, part-time students were up 64 over last year to 1,286 and credit hours increased from 13,917 last year to 14,389 this year. Late registration continued this week and is expected to increase the enrollment. Kraft expects a 3-5% overall increase from last year. Kraft attributed the increases to additional program offerings, expanded classes, and increased retention.

**Day of Caring:** The Juneau campus took part in the second annual United Way Day of Caring on Sept. 21. Faculty, staff and students volunteered to help local non-profit groups.

**Outdoor leadership:** Six Outdoor Leadership students plus directors Kevin Krein and Beth Weigel helicoptered to below the second icefall on the Mendenhall Glacier as an overnight orientation to the program. The trip was made possible because of donations by NorthStar Trekking and Above and Beyond. Students in the certificate program will take classes such as Kayaking, Rock Climbing, Glacier Travel, Philosophy of Wilderness, Outdoor Leadership, Wilderness First Responder and more. The program integrates physical and academic abilities.

**Alaska's Marine Highway and UAS Announce Recruitment Partnership:** Alaska's Marine Highway and the University of Alaska Southeast begin a historic partnership today with the announcement of the *CamPass*, a discount program for recruiting new students to UAS. The *CamPass*, which will be available between October 1 and April 30, provides a 50-percent discount on the ferry to enable potential students and accompanying parents, legal guardians or school counselors, to visit a UAS campus.

**\$1.5 Million Head Start grant:** The Head Start Bureau in Washington, D.C. has awarded a one year, \$1.5 million grant to the University of Alaska Distance Early Childhood Education Associate of Applied Science (ACE/AAS) degree program. The funding begins October 1 and will be used to help the Head Start teachers in rural Alaska.

**PITAS grants:** The Preparing Indigenous Teachers for Alaska Schools program has been re-funded for three more years by the U.S. Department of Education. "The new funding allows for expansion of services to both high school and UAS students," according to Rhoda Hickok who directs the program. The grant allows hiring one half-time person to work on the UAS Tlingit Language Program and another to assist students plus coordinate with school districts in regards to math. In addition, PITAS, in coordination with the Southeast



Alaska Native Educators Association, received a \$50,000 grant from the Alaska Department of Education and Early Development to provide a cultural orientation program for new teachers in Southeast.

**Poet at UAS Nov. 22:** “Luci Tapahonso is one the most important poets writing in America today,” Jim Hale, Juneau English says. The internationally recognized poet and writer spoke at UAS on Nov. 22. Tapahonso is a professor of Poetry and American Indian Literature and Culture at the University of Arizona. She has written five critically acclaimed books, has appeared on NPR, PBS, CBS and ABC, and was invited by President Bush to read at the White House.

**Two Old Women Author visits UAS:** Velma Wallis, author of the best-selling book, “Two Old Women,” spoke in the Lake Room on Dec. 4. Wallis has just been nominated for the NEA Human and Civil Rights award. She won the Western States Book Award in 1993 and a Pacific Northwest Booksellers Award in 1994. Her new memoir, “Raising Ourselves,” just released, has sold out and is in its second printing.

**Juneau’s Workforce Development gets a boost in the arm:** The University of Alaska Southeast’s Automotive Technologies department has received certification from the National Automotive Technicians Education Foundation and the National Institute for Automotive Service Excellence.

To achieve the NATEF and ASE certification, the department went through a major overhaul under the direction of the Automotive Technology Head, Tony Martin. “The process by which NATEF certifies that we meet the very strict industry standards is a pretty rigorous exercise,” said Martin. “The fact that we are now an ASE training program is great, not only for the university, but the community as a whole. Students are assured of a quality education and shop owners are assured they’re hiring a quality technician. It’s a win – win situation.”

“This is great news for automotive-minded young people and their parents in Southeast Alaska,” said NATEF Board of Trustees Al Duebber. “ASE certification programs increase cooperation between local education and industry leaders.”

Last week the DaimlerChrysler Corporation announced that the UAS Automotive Department has been selected as a donation destination, and will receive a late-model Jeep and a Hemi engine for training purposes.

The introductory auto classes all have full enrollment and the upper-division classes have healthy numbers of students, according to Dean Karen Schmitt.

## Scholarship and Achievement

**Straley awarded \$180,000 Grant:** At its March meeting in Anchorage, the North Pacific Research Board reviewed 156 research proposals designed to address pressing fisheries management issues and marine ecosystem information needs off Alaska. The proposals requested nearly \$70 million in support. After hearing from its Science Panel and considering the scientific merits of the proposals along with its statutory mandates, the Board approved 30 projects totaling \$7 million. Jan Straley of UAS Sitka received \$180,000 for sperm whale fisheries interactions with longline gear.

Jodi Hickenlooper won the **Make Students Count Award for UAS** at the end of spring semester. Students, faculty and staff from UAS nominated Jodi. She’s been an advisor in the Student Resource Center since August 2001. She was presented the award at the Board of Regents’ meeting on June 9 in Fairbanks.

Novelist John Straley, winner of the 1997 Spotted Owl Award for Best Northwest Mystery, teaches an Intro to Creative Writing class for Sitka and distance students spring semester in the Wednesday class from 6 – 8 p.m.

Bill Sallenbach, Sitka social science, presented two workshops at the Children Mental Health Conference: **“Understanding the Diagnosis and Advocating for Your Child”** and **“Treating PTSD and the Implications for Early Childhood.”**

Nina Chordas, Juneau English, presented a paper, **“‘Your sheep that used to be so meek’ Native Pastoral and English Cannibalism in More’s Utopia”** at the Modern Language Association in New York Dec. 27-30.

Ginny Mulle, Robbie Stell, Kathy Tilton, Lisa Ward and Nina Chordas, Janice Jackson accompanied presenter Shelly Theno to the **Women in Leadership conference in Anchorage.**

Jan Straley, Sitka biology, presented a paper at an **Orca Symposium** in France Sept 23-29. She has also received a joint grant, with Terrance Quinn II of UAF, from the National Marine Mammal Laboratory to work on a Southeast Alaska population estimate for humpback whales.

Brendan Kelly, Juneau biology, went to Lake Baikal, Russia Sept. 13-20 to participate in a meeting of the Steering Committee of the **Marine Mammal Working Group** under the U.S. - Russian Accord on Environmental Conservation.

Cathy Connor, Roman Motyka, and Todd Walter, of the Juneau science faculty presented a report on glacier erosion rates in the Mendenhall watershed at the **Geological Society of America meeting** Oct. 27-20 in Denver.

Tim Powers completed his Cisco Instructor certification for the Advanced Switching course and the Cisco Instructor certification for the Advanced Network Troubleshooting at the New Hampshire Technical Institute this summer.

UAS, Juneau **Cisco Networking Academy Program** was recognized at the National Cisco Networkers Conference as a “Showcase Academy” from over 2,000 academies in the states. Part of this included Tim making a presentation of our success to more than 3,000 international networkers that attended the conference.

Hugh Gray was honored with an Aegis Awards for his editing of **“Caring, Cooperation and Community”** a training video produced by the Center for Teacher Education on how to become a prepared, informed, reflective and responsive teacher. The awards are presented for excellence in industrial and non-commercial video production. Gray was judged by his peers in the field editing and was selected from a prestigious group that included productions from the Lawrence Livermore National Laboratory, the University of Miami, NASA Television and WGBH.

Chuck Craig, Associate professor of Power Technology, Juneau, attended the **Reliable and Affordable Energy for Rural Alaska conference** in Fairbanks Sept. 17-19. He was the chair for the Diesel Efficiency technical session.

Freda Diesing, who taught mask carving at Sitka Campus during the NW Coast Arts Program in January, has earned the **National Aboriginal Award** for her contributions to art and culture, as well as an honorary degree from the University of Northern B. C.

Alexis Easley, Juneau English, had a poem, “Grandmother in Jeans,” accepted for publication in **Frontiers: A Journal of Women’s Studies.**

Steven Brandow, Ketchikan welding, has received his **Certified Welding Educator** and Certified Associate Welding Inspector certifications from the American Welding Society.

Jennifer Brown, Egan Library, has had an article accepted for publication. **“Educating instruction librarians: a model for LIS program faculty,”** will appear in vol. 18, issue 4 of *Research Strategies*.

Brendan Kelly, Jan Straley and Beth Mathews, biology, participated in the **Alaska Scientific Review Group** in Anchorage. The group reviews stock assessments prepared by NMFS for marine mammals in Alaska. Kelly chaired the ASRG.

Seon Chun, education faculty, presented **“How to integrate technology and literacy”** at the Iowa Association for the Education of Young Children, on Oct. 12.

Marquam George, Juneau construction, participates in a **HUD workshop for industry leaders** to address mold in housing. He also moderated workshops for the Alaska State Homebuilder’s Annual Convention at the Baranof Hotel on Nov. 1-2.

Lawrence Lee Oldaker, education emeritus, presented **“Common Law Privacy Rights in Educational Settings”** at the Oxford Round Table on Human and Civil Rights, Lincoln College, Oxford University, in mid-August. He also served as a panel discussion leader in a session entitled “Racism, Equality, and Public School Desegregation in South Africa.”

Jan Straley, Sitka biology, presents **“Cetacean Interactions with Commercial Longline Fisheries in the South Pacific Region: Approaches to Mitigation”** Nov. 11-17 in Samoa.

Beth Mathews, Juneau biology, participated in a workshop on vessel disturbance of harbor seals in Yakutat on Nov. 14-15, coordinated by Karen Blejwas, UAS Postdoctoral Fellow.

Chuck Craig, Juneau Diesel, was the featured speaker at the two downtown Rotary clubs and discussed the UAS Marine Engine Room Prep certificate that prepares students for ferry engine room employment.

Sherry Tamone, Juneau biology, met with the **Biomedical Research Infrastructure Network Advisory Board** on Nov. 20, at UAF, to discuss her crab research in context with Alaska biomedical research.

Cathy Connor, Juneau geology, and environmental science students Rebecca Marjerison and Michelle Akers attended the **Geological Society of America** meeting in Denver, Oct 27-30 to present results of their research on sediment transport through Mendenhall Lake.

Wally Olson, anthropology emeritus, received the **Evangeline Atwood Award** in October for contributions to Alaska History. His most recent book, “Through Spanish Eyes: Spanish Voyages to Alaska 1774-1792”, was published this year.

Cathy Connor, Juneau geology, and others have a research paper, **“Twentieth Century Thinning of the Mendenhall Glacier,”** to be published in the December issue of the Journal of Global and Planetary Change.

Heather Nash, Juneau psychology, and senior BLA student Renee Culp, co-presented a poster on training effects on preschool children’s understanding at the **Association for Advancement of Behavior Therapy** meeting Nov. 14-17 in Reno.

Jan Straley, Sitka biology, participated in a steering group in Maui Dec. 4-9 to look at humpback whale biology and distribution across the North Pacific. Straley was also featured in the December issue of the Alaskan Southeaster magazine.

Sherry Tamone, Juneau biology, attended an interagency crab meeting in Anchorage Dec. 11-13 and gave an oral presentation on the molting physiology of snow crab. Graduate students, Jacqueline Mitchell and Jamie Thomson also attended.

Cheryl Frasca, a 1994 UAS Master of Public Administration graduate, has been named to head the **Office of Management and Budget in governor-elect Frank Murkowski's administration**. Frasca was named the Ernest Gruening winner in 1994 as the best student preparing for a career in the public sector. She is currently the architect of the Anchorage mayor's budget.

### **Infrastructure Changes**

**New Classroom Wing is State-of-the-Art:** Each classroom in the new Egan Classroom wing has two-way video conferencing capability, video projection and access to a wireless network. The wireless network extends 200 ft. from each building on campus and can be used to access such things as printers and the Internet. "We've installed the latest proven instructional technology," said Mike Ciri, director of information services. "We have all wireless mobile laptop classrooms. The video projectors are all equipped to accept the most popular consumer formats. If it's been proven to help in the classroom, we've installed it."

**UAS, National Guard Recreation and Readiness Center moves forward:** The joint venture between UAS and the Alaska Army National Guard took one step closer toward completion when the Army Corps of Engineers granted the permit to build the combined Recreation and Readiness Center at the UAS Auke Bay Campus.

The planned facility is a 53,000 sq. ft. structure (approximately the size of the Egan Library.) It will replace the Student Activities Center as a home for dances, aerobics and physical education classes, movies and live performances. The shared amenities include locker rooms, exercise equipment, gymnasium and classroom space. The National Guard gains storage space and a training center.

"One of the benefits of the project is that both UAS and the National Guard get a larger facility than either of us could afford on its own," said Lt. Col. Craig Schreiber of the Alaska Army National Guard. "I think it gives us a more visible presence in the community and could help boost the recruitment of students."

Brigadier General Craig Christensen signed the Memorandum of Agreement on Thursday, May 21 with UAS Chancellor John Pugh, which moved the project into phase one of the construction process.

The \$1.6 million phase-one construction contract was awarded to Miller Construction of Juneau and work began this summer. The total projected cost of the project is \$15.4 million. The completion date is planned to coincide with the beginning of the 2005 Fall Semester. UAS is responsible for \$5.47 million for the project, with the remainder to be funded by the Army National Guard.

**Noyes Pavilion contract goes to local contractor:** Construction of the Noyes Pavilion on the Juneau campus was awarded to Triplette Construction of Juneau. The \$500,000 for the pavilion was all raised privately. The 2,800 square foot steel and wood pavilion will accommodate classes, drama, music and presentations and will include fire pits and lighting.

**\$1 million water booster system goes to local contractor :** Arete Construction of Juneau completed a \$1 million water booster system on the Juneau campus. The booster system will use water from the city main and boost pressure to campus facilities through large electric pumps. A back-up generator will be installed in case of power outages. The water booster system will serve the new classroom addition and main campus, the new recreation building and will replace the old system at student housing. "This is a safety project," Facilities Services Director Keith Gerken said. "We had to do this project to get the proper fire sprinkler pressure for our

new classroom addition.” Money for the water project came from legislative capital projects funding to the University of Alaska.

### **Changes in Leadership**

**Brendan Kelly**, associate professor of biology, has been named dean of Liberal Arts of Sciences. He begins Jan. 1. “Dr. Kelly brings a rich background to this important deanship,” Provost Robbie Stell said in announcing the appointment. Kelly obtained and managed research grants from numerous organizations during his time at UAF. In 1997 he accepted the marine biology faculty position at UAS.

### **Student Affairs and Support**

**More High School Students Take Advantage of College Connection:** There has been a 21 percent increase in College Connection students this fall over last fall. (69 vs. 57) In addition courses taken are up 29 percent, credits are up 19 percent and tuition is up 23 percent. The Ketchikan School District has added funding for dual enrollment with at least 16 added participants, bringing regional totals to 85. College Connection allows high school students to receive dual credit for university coursework.

**Tlingit language** UAS student Hans Chester is teaching a new class on Tlingit language and culture for about 30 JDHS Early Scholars each Wednesday.

### **UAS family**

In 1976 Leonard Banaszak commuted from his home in Hoonah to teach music at UAS each week. Since then his four daughters have all been UAS students. The youngest, Glory Jepsen is currently working on her BBA. “We all liked UAS, she said. “None of us considered going anywhere else. I started at UAS, six years after high school. Everyone was eager to help and willing to do anything to help you get through school. You don’t get lost in the crowd here.” Other sisters attending UAS were Lilly Boron who earned a MAT, Valerie Brodigan who received a teaching degree, and Rose Lawhorn who transferred to UAA for a nursing degree. In addition sister-in-law Debbie Banaszak received a bachelor’s degree from UAS.

**Scholarship breakfasts:** For the second year, students receiving scholarship met with those providing them at two breakfast events this week. Chancellor John Pugh said the \$2.3 million in scholarships places UAS, on a percentage basis, as high as any public university.

**Wooch. Een students at AFN:** Several Wooch. Een students attended the AFN convention last week. Jenni Hotch-Hill, Yarrow Vaara, Kecia Medina, and Vivian Mork spent the week recruiting for UAS and participating in activities. Julie Ayers, Rose Natkong, and Mary Folletti also attended. Kolene Dunne and Katherine Edwards attended to perform with the Yaaw Tei Yi Dance group. Some UAS students met with Native political leaders and learned about meeting dynamics, parliamentary procedure, and leadership.

**PITAS to Hoonah:** Three students will describe the PITAS program at the annual ANB/ANS convention in Hoonah. Students attending are Hans Chester, Adam Lee and Michelle Martin. PITAS sponsored the trip.

**Hunger banquet:** Students organized a Hunger Banquet on. Nov. 6 to create awareness of world hunger. Participants were randomly selected to either feast or go hungry.

### **UAS Student: Life as a School Board Member**

Daniel Peterson was the first JDHS student elected to the Juneau School Board. When he graduated, Peterson still had two years remaining on his term and he enrolled at UAS Juneau. “Over the last two years I’ve been



so impressed,” he said, “I’m going to stick around and finish my bachelor’s degree.” Peterson praised the class size and quality of the faculty. After graduation he is considering an MPA or a law degree before going into politics.

**M.Ed. Reading:** The graduate committee has approved the new Master of Education with an emphasis in Reading. The program improves P-12 teacher content knowledge to increase student literacy achievement and is delivered face-to-face and through distance technology.

**Student stars at Perseverance Theatre:** Juneau junior Ekatrina Oleksa plays one of four characters in Perseverance Theatre’s “The Glass Menagerie.” Oleksa, who is also on the Perseverance Board of Directors, will next appear in “Winesburg,” this spring.

**Turkeys donated to Glory Hole:** During the Day of Caring, students in the Humanities 120 class picked up litter and received an hourly wage from Litter Free. The students agreed to donate the money and decided to purchase turkeys for the Glory Hole. The classes’ \$250 was matched by student government and Student Services also contributed. Forty turkeys were delivered before Thanksgiving and will be used for the needy.

**Juneau campus Student joins Olympic Training Center:** Jeff Donaldson, a UAS junior from Juneau, has been hired as a resident mechanic at the Olympic Training Center in Colorado Springs, CO. He’ll be working with all the racers for USA Cycling’s racing teams at the Olympic Training Center

**MAT receives national recognition:** Dr. Marjorie Fields MAT program in Early Childhood Education is now “nationally recognized.” Dr. Fields submitted a program report on the MAT in Early Childhood Education in February. Representatives of the National Association Education of Young Children reviewed the report that Dr. Fields prepared. Kathy Wineman assisted in the program report, which is a part of the NCATE preconditions process.

“Kudos to Marjorie, Kathy, Seon, Kay, and all involved in the now nationally recognized distance MAT in Early Childhood Education,” said Dean Marilyn Taylor. “John Butler and Dave Marvel prepared a program report on the secondary science program that also received ‘national recognition’ after first review through the National Science Teachers Association,” said Dean Marilyn Taylor. “They have also earned our congratulations.”

**Masters of Art in Teaching program graduates its largest class ever:** The largest combined elementary and secondary MAT class received its diplomas on Saturday June 27 in the Egan Library. There were 40 graduates in Juneau and 12 additional who received their diplomas in a ceremony in Sitka earlier in the week. Dave Marvel, secondary coordinator, Mary Claire Tarlow, elementary coordinator, and Dean Marilyn Taylor all addressed the graduates.

Over 150 people attended the ceremony, which was held in the Egan Library followed by a reception in the Spikes area of the Egan classroom wing.

**Searching through time:** Juneau anthropology and geology students searched Bartlett’s Cove for clues that could support the Hoonah Tlingit assertion that their ancestry in that area dates back to the dawn of time. Cathy Conner and Dan Monteith led a team of 16-student geologists and anthropologists, respectively, through the 10-day archeological exploration.

Students marked significant archeological finds using global positioning satellite equipment and used the data to create maps. Native Elders shared traditional stories with the students and explained some of the protocol of the culture.

## KETCHIKAN CAMPUS

A **\$39,000 STEP grant** has been received to fully fund three students from Prince of Wales Island, three from Metlakatla and two from Ketchikan to take the Certified Nursing Assistant course this spring.

**Flight simulator:** The campus will receive a state-of-the-art flight simulator to assist pilots in meeting national flight safety standards. The Medallion Foundation, operating on a federal grant to help with air safety, helped provide the simulator.

## SITKA CAMPUS

**Sitka Center Receives \$450,000:** The Alaska Training/Technical Assistance Center at UAS Sitka has received \$450,000 in continued funding. This is the sixth year of USEPA funding for the statewide program that provides water and wastewater operator training, coordination of training schedules, resource and training material development, technical assistance for small water systems and research related to rural water supply and treatment. The ATTAC staff are John Carnegie, Nicole Duclos, Paula Jackson, Peter Nathanson, Tim Anderson and Andy Holt. Dan White (UAF) and Craig Woolard (UAA) perform the research portion of ATTAC's work plan.

ATTAC also has received a **\$20,000 USEPA grant** to conduct sanitary survey training throughout Alaska. The training prepares third parties to evaluate and document the ability of a system to continually provide safe drinking water.

UAS-Sitka's Small Water System Training/Technical Assistance Center staff and faculty attended the **American Water Work Association's annual national conference**, June 15 -19, 2003, in Anaheim, California. John Carnegie, ATTAC Director and UAS faculty, Nicole Duclos, ATTAC Program Coordinator, and Craig Woolard, UAA engineering faculty and ATTAC partner, participated in a meeting of Technical Assistance Center Director's and attended technical sessions at the conference.

Craig delivered a technical paper and John and Nicole staffed the booth, which was part of the conference's vendor exposition. Woolard who is also the current president of the Alaska section of Alaska Water/Wastewater Management Association was awarded the George Warren Fuller Award. This is a national award in recognition of Craig's distinguished service in the water supply field, and in commemoration of the engineering skill, diplomatic talent, and leadership that characterized the life of George Warren Fuller.

Nicole received the Diamond Pin Club Membership Award in recognition of her membership recruitment efforts. All of the ATTAC staff and faculty are active in the Alaska Section and the national association.



UNIVERSITY  
*of* ALASKA  

---

*Many Traditions One Alaska*

## Performance Measures FY2005

*November 1, 2003*

*Prepared by Statewide Budget & Institutional Research  
(907) 474-5889*

### I. Introduction

In 2000, the State of Alaska Legislature passed Senate Bill 281, a performance measures reporting bill entitled Missions and Measures. Senate Bill 281 requires the University of Alaska to annually measure and report on its success. “The purpose of this act is to state the missions .... to set out performance measures for divisions or programs within divisions (2000).” Nationally there has been a rise in performance reporting; today only two states have no performance reporting programs (Burke, J. C., & Minassians, H. P., 2002).

Senate Bill 281 requires the University of Alaska (UA) to address how well it responds to the educational needs of Alaskans and enhances the state’s economy. UA responds to the educational needs of Alaskans by fostering and promoting a high quality postsecondary educational system that advances knowledge, learning, and culture. UA meets state needs through the development of appropriate vocational education and training, and application of new knowledge and emerging technologies. This report provides missions and measures accountability by addressing four performance classification categories: students, distance learning, state needs, and research.

## II. Students

In measuring success in the performance classification category of students, administrators for the University of Alaska collect and consider the following data:

1. The number of recent Alaska high school graduates that attend the university.
2. The number and percentage of total Alaska high school graduates who attend the University of Alaska as UA Scholars.
3. The pre-training wage as compared to the post-training wage for voc-ed graduates.
4. Review the retention rate of University of Alaska full-time students in degree programs.
5. The graduation rates of full-time students in degree programs.
6. Meet or exceed the national average on scoring or pass rates for students who take professional exams.
7. Review increases in annual enrollment at all campuses.

The University of Alaska is meeting the educational needs of Alaskans and the state's needs by attracting a greater number of Alaska high school graduates who are in the top 10 percent of their graduating class and increasing the overall number of recent Alaska high school graduates who enroll at UA. The UA Scholars program targets students in the top 10 percent of their graduating class and is designed specifically to increase the number, quality, and percentage of Alaska high school graduates attending UA. The UA Scholars program is working. The percent of students attending the University of Alaska who finished in the top 10 percent of their class has increased from 100 or 10% in 1998 to 465 or 48 percent in 2003. The number of recent high school graduates attending UA has increased from 18 percent in 1997 to 27 percent in fall 2003.

**Number of Eligible UA Scholars and the  
Attendance Rate by Fall Term**

<b>Fall Term</b>	<b>Number Eligible</b>	<b>Number Attended</b>	<b>Percent Attended</b>
1999	811	268	33%
2000	875	348	40%
2001	897	368	41%
2002	920	363	39%
2003	971	465	48%
<b>2003 *</b>	<b>*971</b>	<b>*486</b>	<b>*50%</b>
<b>* Goal</b>			

The University of Alaska meets the educational needs of students by developing vocational education and training. University administrators track the pre-training wage as compared to the post-training wage for voc-ed graduates. UA voc-ed graduates have increased their wages by more than 15% for the last three reporting periods. For students who took vocational classes in 2001 their wages increased by 22% from \$5,924 per quarter to \$6,979 per quarter.

Other indicators of meeting the needs of students are annual enrollment increases, the retention rate for full-time baccalaureate degree seeking freshmen, and the graduation rate for full-time students in degree programs. Students note that program availability is a primary reason for changing institutions. In the last four years, UA has invested significantly in expanding program breadth and having adequate upper division course offerings.

Having the appropriate breadth of relevant degree programs is the key to increasing student headcount. Preliminary fall 2003 enrollment figures indicate an increase of 4.8 percent in headcount over fall 2002 and 13.9 percent over fall 1999. The retention rate for full-time baccalaureate students at UA has increased from 62.9 percent in 1998 to 65.5 percent in 2003. The six-year graduation rate for full-time students has increased from 21.2 percent for the class beginning in 1994 to 23.9 percent for the class beginning in 1996. UA anticipates a graduation rate of 30 percent with the class of 1999-00.

#### Number of Degrees Awarded in each Fiscal Year and Fall Headcount by Job Area and Degree Level

Job Area and Degree Level	Enrollment* FY00-FY03	Degrees Awarded (FY)					
		1998	1999	2000	2001	2002	2003
Air Transportation							
Assoc/Cert	Up 0 - 5%	48	44	46	43	37	42
Baccalaureate	No 00 enrollment					7	12
Business Services							
Assoc/Cert	Down 0 - 5%	108	100	107	144	88	94
Baccalaureate	Up > 10%	13	7	13	17	16	14
Masters	Down 0 - 5%	9	17	22	18	8	15
Engineering							
Assoc/Cert	Up > 10%	35	47	11	27	32	41
Baccalaureate	Up > 10%	104	75	75	59	66	42
Masters	Up 5 - 10%	20	21	28	14	16	23
Doctoral	No 00 enrollment						
Finance, Insurance, and Real Estate							
Baccalaureate	Down > 10%	80	82	103	95	87	80
Health							
Assoc/Cert	Up > 10%	240	187	218	196	241	226
Baccalaureate	Up > 10%	124	122	123	105	163	144
Masters	Down 0 - 5%	62	55	44	40	31	41
Information Technology							
Assoc/Cert	Up 5 - 10%	82	71	92	66	80	77
Baccalaureate	Up > 10%	44	30	44	56	48	55
Masters	Up 5 - 10%	10	2	5	7	2	4
Management							
Baccalaureate	Up > 10%	118	93	116	112	106	96
Masters	Up > 10%	54	73	49	50	45	78
Natural Resources							
Assoc/Cert	Up 0 - 5%	1	4	1	1		4
Baccalaureate	Up > 10%	57	55	45	37	56	52
Masters	Down 0 - 5%	43	27	37	22	31	31
Doctoral	Down > 10%	2	1	3	2	2	3
Process Technology							
Assoc/Cert	Up > 10%	19	19	16	14	68	64
Teacher Education							
Assoc/Cert	Up > 10%	23	26	22	22	26	32
Baccalaureate	Down > 10%	231	199	158	131	155	127
Masters	Up > 10%	121	160	172	104	134	132
Transportation							
Assoc/Cert	Down > 10%	2	17	5	7	4	2
Total		1,650	1,534	1,555	1,389	1,549	1,531

\* In addition to the process technology program students, students enrolled in power plant, industrial technology and petroleum technology are included in this category.

A final student area tracked by administrators at the University of Alaska is the comparative scores of students in degree programs who take professional examinations. UA students took professional examinations in 65 different areas, 29 have national comparisons and 25 of 29 programs show UA students average score was above the national average. For 19 of the 36 tests without a national comparison, UA students completed with a 100% pass rate. In general, UA students meet or exceed the national scores and pass rates.



### III. Distance Delivery

In measuring the success in the performance classification category of distance delivery administrators for the University of Alaska collect and consider the following data:

1. Review the number and percentage of total credit hours and courses offered by distance delivery.
2. Determine the cost per credit hour delivered by distance delivery.

The University of Alaska system has made significant progress in building capacity to serve students at a distance. The definition of distance education is any academic course whereby the instructor can provide education to students in different physical locations through any number of teaching strategies and technologies. The number of distance education courses in which there were enrolled students through the University's 15 campuses increased by 16% from fall 2000 to fall 2002. Last year there were 696 courses offered via distance learning and 518 of them had enrolled students. The cost per credit hour delivered by distance delivery in FY01 was \$165. For on-site instruction that figure varies from a low of \$90 per credit hour to as much as \$300 per credit hour for specialized graduate programs.

#### Distance Education Courses Offered and Credit Hours Produced\*

		# of Distance Ed Courses with Enrollment	% of MAU Total Courses with Enrollment	Distance Ed Student Credit Hours	% of MAU Total Student Credit Hours
<b>Fall 97</b>	UA Anchorage	52	1.82%	3,233	2.52%
	UA Fairbanks	205	11.95%	6,441	8.73%
	UA Southeast	77	10.49%	2,445	10.34%
	UA Systemwide	334	6.30%	12,119	5.37%
<b>Fall 98</b>	UA Anchorage	60	2.07%	2,810	2.16%
	UA Fairbanks	195	11.22%	6,806	10.17%
	UA Southeast	84	11.54%	2,454	11.05%
	UA Systemwide	339	6.32%	12,070	5.50%
<b>Fall 99</b>	UA Anchorage	87	3.21%	4,008	3.12%
	UA Fairbanks	225	13.71%	7,136	10.73%
	UA Southeast	132	18.28%	4,226	19.34%
	UA Systemwide	444	8.75%	15,370	7.08%
<b>Fall 00</b>	UA Anchorage	68	2.56%	3,962	3.04%
	UA Fairbanks	248	14.57%	7,301	10.81%
	UA Southeast	131	17.56%	3,159	14.70%
	UA Systemwide	447	8.75%	14,422	6.58%
<b>Fall 01</b>	UA Anchorage	144	4.40%	9,846	7.35%
	UA Fairbanks	276	12.30%	6,789	9.81%
	UA Southeast	125	14.32%	3,332	14.52%
	UA Systemwide	545	8.53%	19,967	8.83%
<b>Fall 02</b>	UA Anchorage	101	3.4%	6,314	4.6%
	UA Fairbanks	300	14.5%	7,557	10.9%
	UA Southeast	117	14.9%	3,276	15.3%
	UA Systemwide	518	8.8%	17,147	7.5%

\*Does not include yearlong correspondence students at the Center for Distance Education.

## IV. State Needs

In measuring the success in the performance classification category of meeting state needs, administrators for the University of Alaska collect and consider the following data:

1. The number and percentage of total Alaska high school graduates who stay in Alaska one year, five years, and 10 years after graduation.
2. The number of students graduating with degrees in teacher education, health careers, process technology, transportation and logistics, information technology, and other high demand jobs areas.
3. The number of University of Alaska graduates, by community or origin and by community of current employment, who are new teachers.
4. The number of University of Alaska graduates, by community or origin and by community of current employment who are new principals or new superintendents.
5. Document the occurrences of applied research benefiting the state's economy.

Students residing in Alaska 5-years after graduation have increased for the first time since 1994 to 63%. On average, 79% of baccalaureate degree recipients resided in Alaska one year after graduation (1992-2002 graduating classes). The availability of positions in the degree recipient's chosen profession will, in part, determine the continued residency in Alaska. Availability of the occupations at competitive salary rates is necessary to retain these trained graduates. This is a significant state policy issue and essential for economic diversification. In addition to aligning program offerings with high demand job areas, UA is investing external funding to study and present economic policy options that may help expand the availability of more diverse, well-paying occupations within the state. The actions UA and the state are taking today will favorably affect the 5-year residency of the students who start between fall 1999 and fall 2002 and become part of the graduating class of spring 2007. Measuring the 5-year residency impact in 2012 will best evaluate our success in this area. This demonstrates why action must start today.

The number of students graduating with degrees in high demand job areas has decreased by more than 100 students since 1998. Given the enrollment drop between 1994 and 1999, UA was unable to increase the number of graduates in high demand job areas. Although enrollment is on the rebound, especially in many of these programs, it is unlikely UA will reach its 10 percent increase target by FY04. There is a lag between enrollment and completion, as students require from two to four years to complete degree requirements. Preliminary fall 2003 enrollment data shows positive trends in most areas.

Alaska Teacher Placement tracks the supply and demand as well as the employment of educators for Alaska; however, new data is not available for 2001. In 2000, either UA new graduates or alumni filled 42 percent of administrative vacancies and 32 percent of teaching vacancies. However, maintaining an employment rate of 32 percent over the next four years is unlikely given that the 5<sup>th</sup> year teacher education program just started in FY01 and the FY02 overhaul of the baccalaureate education program.

**Total Administrative Vacancies and Percent filled by UA Graduates**

Preliminary fall 2002 enrollment in the baccalaureate elementary education program is showing nearly 250

	<b>Total Vacancies</b>	<b>% UA Graduates</b>
1999	98	38%
2000	64	42%

students, surpassing the 1999 enrollment when the program was eliminated, as well as an additional 270 pre-majors. The BLA and BAS enrollment in content degree areas for advancement after graduation into the 5<sup>th</sup> year teacher program is currently 300 compared to 230 last fall; however, not all of these students will pursue education. The master's in education program is also showing a favorable increase in the preliminary fall 2002 enrollment. Beyond the modest education program enrollments, there is also a lack of interest of many qualified individuals to remain in the teacher profession and a lack of interest on the part of new graduates to become teachers due to pay and other working conditions.

Increasing the number of research projects specifically benefits the economy of the state. The university is acutely aware of the importance of applied research benefiting the growth of the state's economy. Currently, Vice President for Research, Craig Dorman, is heading a committee that oversees the development of a state Research and Development Plan (per SJR44). The R&D plan will expand and diversify the state's economy, build state research institutions, integrate the efforts of state and federal agencies, identify avenues of resource development, while at the same time protecting the health of Alaskans and their environment. In FY01, the University of Alaska identified 234 applied research projects that benefited the state. In FY02, there were 267 applied research projects at the University of Alaska that benefited the state. In FY03 the number increased to 445, a 67 percent increase from FY02

## V. Research

In measuring success in the performance classification category of research, administrators for the University of Alaska collect and consider the following data:

1. The amount of research grants in arctic biology, climate change, resource development, fisheries and ocean science, logistics, geosciences, and atmospheric sciences.
2. Document the number of graduate students whose education is funded by research grants.
3. Report the quality of research as measured by annual citation and significant publications in refereed journals.

Administrators at the University of Alaska want to increase research grant funding commitments brought into the university in areas important to Alaska. From FY01 to FY03 UA increased the number of new awards in areas of significant importance by 24% and the amount awarded decreased by 7.9%. UA conducts research in several areas important to the state. In Alaska, unlike other states, the university carries out the bulk of Research and Development (R&D) activity. In other states, industry carries out 71% of the R&D effort while universities do 13%. In Alaska, the University carries out 52% of the state's R&D effort. However, Alaska conducts very little R&D. Only 0.5% of Alaska's gross state product is invested in research compared to 2.5% for other states. Two reasons that may explain why Alaska is dependent on UA to support R&D are the lack of a mature manufacturing industry base and some industry R&D efforts are largely conducted out-of-state (oil and tourism, for example). Regardless of the reason, Alaska must invest strongly in R&D for future economic development and UA is the engine to fuel state R&D. Fortunately, UA leverages every \$1 of state funded research with \$5 of external funding. This is a significant return of state investment for research and provides a much greater R&D impact for the state.

Based on the university's federal reporting data, 164 graduate students were employed on grant-funded research in fall 1998, 192 in fall 1999, and 183 in fall 2000. The number of graduate students funded through research grants increased by 5% from the 3-year average of 1998 - 2000 to fall 2001 and increased by 14% from fall 2002 to fall 2003. During the fall 2003 semester at the University of Alaska there were 253 graduate students funded through 162 research grants.

**Number and Amount of New Organized Research**  
**Projects by Research Category**  
**Fiscal Year 2001 - 2003**

<b>FY</b>	<b>Category</b>	<b>New Awards</b>	<b>Award Amt. (x\$1000)*</b>
<b>2003</b>	<b>Areas of Significant Importance to Alaska</b>		
	Logistics		
	Resource Development	38	6,355.7
	Biological Sciences and Arctic Health	57	3,269.0
	Environmental Sciences	4	3,343.1
	Geosciences	24	4,656.9
	Marine and Ocean Sciences	47	8,448.3
	Atmospheric Sciences	3	235.6
	EPSCoR	8	1,293.1
	Areas of Significant Importance - Subtotal	181	27,601.7
<b>2003</b>	<b>Areas of Significant Importance to Alaska</b>	<b>181</b>	<b>27,601.7</b>
2002	Areas of Significant Importance to Alaska	157	32,004.8
2001	Areas of Significant Importance to Alaska	146	29,974.3
% Change FY01-FY03		24.0%	-7.9%
% Change FY02-FY03		15.3%	-13.8%
<b>2003</b>	<b>Total Research</b>	<b>322</b>	<b>66,934.9</b>
2002	Total Research	340	63,518.3
2001	Total Research	357	77,890.5

\* Reported award amounts differ from those previously reported due to definition changes.

The quality of research is measured by annual citation and significant publications in refereed journals. Results of searches done on two major indexes for journal publications of University of Alaska faculty and research staff follow:

In 2000, 632 publications were tabulated in two major indexes; since 1999, units within the university reported a total of 856 publications.

In 2001, 803 publications were tabulated in two major indexes; since 2000, units within the university reported a total of 1,141 publications.

In 2002, 691 publications were tabulated in two indexes; since 2001, units within the university reported a total of 951 publications.

The University of Alaska Fairbanks is included in the top 100 research universities as ranked by "The Lombardi Program on Measuring University Performance" (August 2002). Within specific categories for public institutions, UAF ranked 66 in total research expenditures and 67 in federal research expenditures.

## VI. Closing

This report provides missions and measures accountability and the level of success achieved at the University of Alaska in the four performance classification categories: students, distance learning, state needs, and research. In measuring success in the performance classification categories, administrators for the University of Alaska collected and considered data on 17 specific measures. The data indicates that the university is on track or has achieved success in 12 of the 17 measures. It is too soon to determine success in three of the measures and it is unlikely the university will achieve success in the remaining two without some modifications to the measures. The twelve measures that are on track or have already achieved success follow:

1. The number and percentage of recent Alaska high school graduates who attend the University of Alaska.
2. The number and percentage of total Alaska high school graduates who attend the University of Alaska as UA Scholars.
3. The pre-training wage as compared to the post-training wage for voc-ed graduates.
4. Meet or exceed the national average on scoring or pass rates for students who take professional exams.
5. Over the next three years, increase enrollment at all campuses 5 percent.
6. The number and percentage of total Alaska high school graduates who attend the University of Alaska (gain a baccalaureate degree) and stay in Alaska one year, five years, and 10 years after graduation.
7. The number of students graduating with degrees in teacher education, health careers, process technology, transportation and logistics, information technology, and other high-demand job areas.
8. Document the occurrences of applied research benefiting the state's economy.
9. Review the number and percentage of total credit hours and courses offered by distance delivery.
10. The amount of research grants in arctic biology, climate change, resource development, fisheries and ocean science, logistics, geosciences, and atmospheric sciences.
11. Document the number of graduates students whose education is funded by research grants
12. Report on the quality of research as measured by the number of annual citations and significant publications in refereed journals.

The three measures that it is too soon to determine success follow:

1. The number of University of Alaska graduates, by community of origin and by community of current employment, who are new principals or new superintendents.
2. Review the retention rate of University of Alaska full-time students in degree programs.
3. The graduation rates of full-time students in degree programs.

The two measures that have been determined that it is unlikely the university will achieve success or need to be modified follow:

1. The number of University of Alaska graduates, by community of origin and by community of current employment, who are new teachers.
2. Determine the cost per credit hour delivered by distance delivery.



## **Land-Grant Endowment Funds**

The University of Alaska Land Grant Endowment has its origin in the federal land grant acts of 1915 and 1929 and subsequently the Alaska Statehood Act. Approximately 110,000 acres of land were transferred to the territory or the state of Alaska, and eventually to the Board of Regents to be held in trust for the university. The net proceeds from the sale, lease, exchange and other uses of these lands have been deposited in the University of Alaska Endowment Trust Fund as provided by AS 14.40.400. Assets of the fund are invested on a total return basis in accordance with principles established under AS 14.25.180. Expenditure of the endowment fund earnings is governed by regents' policy, which provides that: a portion of the earnings be utilized to manage the university's lands, that a portion be set aside in order to maintain the purchasing power of the endowment, and that a portion be transferred to the Natural Resources Fund for the purpose of funding programs in support of natural resource management, marketing and education, and other university programs.

The accompanying schedules of Net Assets and Changes in Net Assets reflect the financial position of the Land-Grant Endowment and related funds as of June 30, 2003 and the changes in net assets for the year then ended.

The investments of the Land-Grant Endowment and Inflation-Proofing Fund, which have fair values at June 30, 2003 of \$73.3 and \$6.1 million, respectively, are invested in a consolidated endowment fund managed by the University of Alaska Foundation in accordance with an agreement and investment policy approved by the Board of Regents.

The schedule of Allocated Natural Resources Fund Balances represents a summary of awards, transfers and expenditures for Natural Resources Fund projects.

**Land-Grant Endowment Funds**  
**Schedule of Net Assets**  
**For the Year Ended June 30, 2003**

	Land-Grant Trust Fund	Inflation- Proofing Fund	Revenue Fund	Natural Resources Fund
Assets:				
Cash	\$ 4,448,092	\$ 1,257,898	\$ --	\$6,203,575
Receivables	5,920,322	158,345	--	--
Investments	73,250,624	6,100,524	--	--
Real property	<u>32,348,372</u>	<u>7,508,417</u>	<u>--</u>	<u>--</u>
Total assets	115,967,410	15,025,184	--	6,203,575
Liabilities:				
Security deposits and other payables	4,830,550	2,994	--	--
Note payable	<u>--</u>	<u>2,356,798</u>	<u>--</u>	<u>--</u>
Total liabilities	<u>4,830,550</u>	<u>2,359,792</u>	<u>--</u>	<u>--</u>
Net assets	<u>\$ 111,136,860</u>	<u>\$ 12,665,392</u>	<u>\$ --</u>	<u>\$ 6,203,575</u>

**Schedule of Changes in Net Assets**  
**For the Year Ended June 30, 2003**

Revenue and other additions:				
Sale, lease, or transfer of real property, materials and mineral interests	\$ 10,210,368	\$ 807,515	\$ --	\$ --
Cost basis of property sold	<u>(1,461,300)</u>	<u>--</u>	<u>--</u>	<u>--</u>
Net sales	8,749,068	807,515	--	--
Net realized and unrealized losses from investments	(396,989)	(43,391)	--	--
Investment income	<u>--</u>	<u>--</u>	<u>2,320,795</u>	<u>--</u>
	<u>8,352,079</u>	<u>764,124</u>	<u>2,320,795</u>	<u>--</u>
Expenditures and other deductions:				
Development project costs	1,342,488	377,588	--	--
Designated project costs	--	201,787	--	--
Natural Resources Fund projects	<u>--</u>	<u>--</u>	<u>--</u>	<u>2,092,023</u>
	<u>1,342,488</u>	<u>579,375</u>	<u>--</u>	<u>2,092,023</u>
Transfers:				
Provision for land management operations	--	--	(529,683)	--
Transfer for spending allowance	(1,265,247)	(132,868)	1,398,115	--
Natural Resource Fund allocation	<u>--</u>	<u>--</u>	<u>(3,189,227)</u>	<u>3,189,227</u>
	<u>(1,265,247)</u>	<u>(132,868)</u>	<u>(2,320,795)</u>	<u>3,189,227</u>
Net increase (decrease) in net assets	5,744,344	51,881	--	1,097,204
Net assets at beginning of year	<u>105,392,516</u>	<u>12,613,511</u>	<u>--</u>	<u>5,106,371</u>
Net assets at end of year	<u>\$ 111,136,860</u>	<u>\$ 12,665,392</u>	<u>\$ --</u>	<u>\$ 6,203,575</u>

See accompanying notes to these schedules.

**Land-Grant Endowment Funds**  
**Notes to the Financial Schedules**  
**June 30, 2003**

1. By Acts of Congress in 1915 and 1929, approximately 110,000 acres of land were transferred to the territory of Alaska to be held in trust for the university. The grant lands were subsequently transferred to the Board of Regents to be held in trust for the university. Currently approximately 86,000 acres of these lands are held at no basis because fair value at the date of transfer was not determinable. In 1982 and 1988, the university was allowed to select certain state lands including timber and other rights as replacement for lands disposed of by the territory and the state. These replacement lands and property interests were recorded at their fair value as of the date of transfer.
2. The Land-Grant Trust Fund as reported in these schedules represents the original land grant, the invested proceeds from the sale and/or development of these resources and the appreciation in value of the invested funds. The endowment is managed on a total return basis. Receivables of approximately \$5.9 million are primarily from sales of trust land, timber and mineral interests. Investments of approximately \$73.3 million are held in a consolidated endowment fund under the direction of the University of Alaska Foundation. The consolidated investment fund is managed by the Foundation's investment committee and treasurer in accordance with an investment policy approved by the Board of Regents. Cash balances are invested in pooled investment funds of The Commonfund. Security deposits totaling \$4.7 million are held for security or performance on contracts and other leases. Net assets include \$3.8 million of accumulated net earnings.
3. The Inflation-Proofing Fund represents reinvested earnings of the Land-Grant Trust Fund and net proceeds of non-trust real property transactions designated for preservation of the long-term purchasing strength of the endowment. Its assets include approximately \$7.5 million in improved and unimproved real property held for investment and the long-term benefit of the institution's educational activities. The cash balances of the Inflation-Proofing Fund are invested in pooled investment funds of The Commonfund. The other investments are held in the consolidated endowment fund under the direction of the University of Alaska Foundation. The note payable is a deed of trust note for approximately \$2.4 million for real estate located near the University of Alaska Anchorage. Total net assets of \$12.7 million are considered accumulated net earnings, of which \$0.6 million is designated for future renewal and replacement of investment property and \$0.6 million is designated for other projects approved by the Board of Regents.
4. The Revenue Fund represents a depository fund for all distributable income of the Land-Grant Trust Fund, the Inflation-Proofing Fund, and the Natural Resources Fund.
5. The Natural Resources Fund represents spendable funds designated by regents' policy to provide support for agriculture, forestry, fisheries, mineral, and other university programs. The cash of the Natural Resources Fund is invested in pooled investment funds of The Common Fund.
6. Investment income reported in the Revenue Fund represents current yield or income on investments and other assets of the endowment and related designated funds.
7. Designated projects expenditures of \$201,787 previously authorized by the Board of Regents were made from dedicated receipts of the Inflation-Proofing Fund.
8. In fiscal year 2003, the Revenue Fund distributed \$529,683 to the land management operating budget reserve. The reserve balance at June 30, 2003 of \$904,400 is not reflected in these financial schedules.
9. The annual spending allowance is based on five percent of a five-year moving average of the December 31 investable resources of the Land-Grant and Inflation-Proofing funds. The annual spending allowance is limited to the unexpended accumulated earnings of the endowments as of the preceding December 31. The spending allowance requirement for fiscal year 2003 was \$3,718,910. To meet the spending allowance, \$1,265,247 and \$132,868, were transferred from the Land-Grant and Inflation-Proofing funds, respectively. The spending allowance distributions include a provision of \$529,683 for land management operating costs and \$3,189,227 for program support through the Natural Resources Fund.

10. In fiscal year 2001, the Inflation-Proofing Fund funded construction costs of \$527,947 for certain leased facilities at the Poker Flat Research Range near Fairbanks. The Inflation-Proofing Fund will receive monthly rent of \$6,482 for the facilities through fiscal year 2011. The rent will be recorded as income in the period received. The leased facilities are included in university's Investment in Plant fund group.
11. In fiscal year 2002, the Inflation-Proofing Fund advanced \$226,000 to partially fund the purchase of property adjacent to the Juneau Campus. Terms of the advance include a ten year repayment schedule at 6 percent interest. A payment of \$66,918 was received in 2003, reducing the receivable balance at June 30, 2003 to \$111,119. The property is included in university's Investment in Plant fund group.

**Land Grant Endowment Funds**  
**Schedule of Allocated Natural Resources Fund Balances**  
**For the Year Ended June 30, 2003**

<b>Project</b>	<b>Available June 30, 2002</b>	<b>New Awards &amp; Transfers</b>	<b>Expend- itures</b>	<b>Available June 30, 2003</b>
<b>NATURAL RESOURCES PROJECTS</b>				
<b>Agriculture</b>				
UAA/Wetlands Mercury	\$ 4,650	\$ -	\$ -	\$ 4,650
UAF/Forage Management	62,554	-	6,651	55,903
UAF/Ginseng Cultivation	3,061	-	3,061	-
UAF/Natural Resources/High School	183	-	183	-
UAF/Raspberry Production	498	(137)	361	-
UAS/Contaminants in Peat Soil	3,125	-	3,125	-
UAS/Rainfall Factors	9,554	-	7,192	2,362
<b>Fisheries</b>				
UAA/Aquatic Macroinvertebrate Tolerance	10,960	-	7,198	3,762
UAA/Marketing Internships	3,625	-	-	3,625
UAF/Characteristics of Luminous Salmon Bacteria	9,047	-	1,422	7,625
UAF/Develop Sensor-Monitor Low Vapor Pressure	3,393	-	2,462	931
UAF/NOAA Facility	167,375	150,000	5,190	312,185
UAF/Prince of Wales Island Aquaculture	18,985	-	11,391	7,594
UAF/Sea-Air-Land Modeling & Observing	270	-	210	60
UAS/Aquatic Invertebrates Catalog	1,019	-	-	1,019
UAS/Crab Nurseries	4,358	-	3,162	1,196
UAS/Develop Remote Biomass Technology for Kelp	10,000	-	-	10,000
UAS/Fisheries Technology Program	11,514	-	11,188	326
<b>Forestry</b>				
UAA/Spruce Bark Beetle Research Coord. Committee	6,258	-	758	5,500
UAF/Boreal Forest Management	6,928	-	5,630	1,298
UAF/Factors Influence Spruce Bark Beetle	29,489	-	117	29,372
UAF/Forest Mapping	6,039	-	-	6,039
UAF/Forest Regrowth Model	5,155	-	-	5,155
UAF/Forest/Habitat Inventory	1,019	-	-	1,019
UAF/Global Forest Mapping - 4th Science Meeting	1,545	-	-	1,545
UAF/Management Plan - UA Experimental Forest	11,576	-	-	11,576
UAF/NEON Program Planning Meeting	22,420	-	14,221	8,199
UAF/Nitrogen Cycling	115	-	-	115
UAF/Plant-Microbe Interactions	38	-	-	38
UAF/Testing of Alaska Trusses	19,481	-	10,406	9,075
UAF/What is Forestry?	20,171	-	19,165	1,006
<b>Animals</b>				
UAA/Moose Habitat	1,307	-	-	1,307
UAF/Walrus Stock Analysis	3,400	-	-	3,400
UAS/Ring Seal Survey	29,000	-	-	29,000
<b>Minerals</b>				
UAA/ASET Certification for Arsenic	25,000	-	12,135	12,865
UAA/Mercury Toxicity	74	(74)	-	0
UAF/Biological Recovery of Gold	8,635	-	6,782	1,853
UAF/Coal Washing Circuit	1,260	(113)	1,147	0
UAF/Effects of Measurement Errors on Segregation Algorithm	14,000	-	-	14,000
UAF/Natural Gas Market	907	(1)	906	-
UAF/Noninvasive Environmental Monitoring	3,442	-	73	3,369
UAF/Overcome Effect of Low Temperature on Soil	17,109	-	11,529	5,580
UAF/Sedimentology NE Alaska	15,438	-	6,243	9,195
UAF/Sequence Stratigraphy & Geochemistry of Triassic	11,045	-	11,045	-
UAF/Oil Economics/High School	19,267	-	670	18,597
UAS/Identifying Mineralogy of Glacially Eroded Sediment	5,070	-	2,407	2,663

**Land Grant Endowment Funds**  
**Schedule of Allocated Natural Resources Fund Balances**  
**For the Year Ended June 30, 2003**

67

<b>Project</b>	<b>Available June 30, 2002</b>	<b>New Awards &amp; Transfers</b>	<b>Expen- ditures</b>	<b>Available June 30, 2003</b>
<b>Resources Management, Marketing, Education, and Other</b>				
UAA/ANCSA Land Management	13,430	-	12,004	1,426
UAA/Geologic Concepts	4,971	(4,971)	-	-
UAA/Natural Resource Mgmt/Leadership Training	7,675	-	7,675	-
UAA/Natural Resource & Environmental Research Internship Program	21,621	-	5,573	16,048
UAA/Pollutant Assay	175	-	-	175
UAA/Resource Atlas	9,253	-	-	9,253
UAA/Sea Ice Atlas	15,054	-	15,054	-
UAA/UA Wildlands Center	9,584	-	9,584	-
UAF/Alaska Landscapes: Educational Outreach	20,700	-	20,700	-
UAF/Circumpolar Monographs	2,368	(2,368)	-	-
UAF/Environmental Policy Training Assessment	3,172	-	3,172	-
UAF/Exhibit Evaluation	3,779	(1)	3,778	-
UAF/Market Study for Natural Gas Pipeline	6,577	-	5,719	858
UAF/New SAR Mission	23,562	-	9,928	13,634
UAF/Oil Contracts	1,271	-	863	408
UAF/Online Arctic Engineering Course	7,330	-	-	7,330
UAF/Partnership in Arctic Research & Education	22,000	-	-	22,000
UAF/Remote Sensing Demonstration	5,683	-	5,683	-
UAF/Resource Ambassador Program	86	-	86	-
UAF/Snow & Ice Research - Teachers	22,148	-	14,810	7,338
UAS/Response of Mendenhall Glacier to Climate Change	20,642	-	13,847	6,795
UAS/Satellite Images	1,195	-	-	1,195
UAS/Student Field Camp	1,795	-	1,562	233
SYS/Competitive Grants	25,420	-	-	25,420
<i>sub-grants to:</i>				
UAA/Competitive Grants	169,274	-	50,476	118,798
UAF/Competitive Grants	141,017	-	16,601	124,416
UAF/Caribou Herds at LARS Facility	4,600	-	4,600	-
UAF/Multi-modal Corridor Study	87,139	-	62,728	24,411
UAF/Research Assistantship - Natural Gas Pipeline	4,621	-	4,613	8
UAF/School Accountability in Alaska	8,555	-	8,555	-
UAF/Toolik Water System Upgrade	41,517	-	37,004	4,513
UAF/UAA EPA EPSCOR	49,840	-	-	49,840
UAS/Competitive Grants	68,639	-	42,194	26,445
<b>Water</b>				
UAA/Statewide Water Quality Clearinghouse	29,916	-	1,541	28,375
UAA/Community Based Water Quality Assessment	23,651	-	16,134	7,517
UAA/Harbor Seal Use of Marine Habitat	8,740	-	3,770	4,970
UAF/Statewide Needs Assessment	19,178	-	13,371	5,807
UAS/Sediment in Mendenhall Lake	3,412	-	3,123	289
UAS/Undergraduate Research	10,834	-	5,546	5,288
<b>OTHER PROJECTS</b>				
<b>Distance Delivery, Technologically Enhanced Instruction</b>				
UAF/Classroom, Network Development	13,325	-	13,325	-
UAF/Instructional Technology Center	405	(2)	403	-
SYS/UA Learning Cooperative	4,697	1,775	-	6,472
<b>Faculty Development</b>				
UAF/Promoting Teacher Retention & Renewal	25,000	-	416	24,584
SW/Faculty Development	2,564	(1,775)	789	-



**Land Grant Endowment Funds**  
**Schedule of Allocated Natural Resources Fund Balances**  
**For the Year Ended June 30, 2003**

Project	Available June 30, 2002	New Awards & Transfers	Expenditures	Available June 30, 2003
<b>Outreach/Public Service</b>				
PWSCC/4th, 5th Annual Theater Conference	779	15,000	-	15,779
UAF/Fairbanks Science Center	5,100	(5,100)	-	-
UAF/School Accountability in Alaska	16,347	-	16,347	-
UAF/Science for Alaska Lectures	2,357	-	2,357	-
UAF/University of Alaska Press	-	80,000	80,000	-
<b>Program Development/Enhancement</b>				
UAA,UAF,UAS/Engineering Collaboration	8,000	-	5,918	2,082
UAF/Circumpolar Region Database	2,480	-	69	2,411
UAS/Dual Credit English Courses	2,976	-	-	2,976
SYS/Academic Program Support	9,323	-	-	9,323
sub-grants to:				
UAA/Alaskool	24,679	-	53,128	(28,449) *
UAF/Arctic Energy Technology Dev Lab - DOE Match	59,095	-	53,441	5,654
UAF/Transportation Research - FAA Match	15,633	-	4,698	10,935
SYS/Collaborative Program Development	-	-	-	-
sub-grants to:				
UAA/PhD Biological Science	3,632	-	-	3,632
<b>Research, Scholarship, Creative Activity</b>				
UAF/UA-ADEC MOA Administration	5,714	-	5,949	(235) *
UAF/UA/MIT MOA	6,165	-	-	6,165
<b>Student Services</b>				
UAS/Meteorological Station	264	(2)	262	-
UAS/Undergraduate Science Research Travel	3,194	-	3,134	60
UAF/Alaska Scholars Program	-	415,478	415,478	-
UAA/Alaska Scholars Program	-	714,782	714,782	-
UAS/Alaska Scholars Program	-	66,684	66,684	-
SYS/Alaska Scholars Program	12,754	803,056	17,610	798,200
SYS/Tuition Waiver Program, Coop. Scholarships	67,523	100,000	70,909	96,614
	1,821,789	2,332,231	2,092,023	2,061,997
<b>Undistributed</b>				
Closed projects	121,427	(113,875)	-	7,552
President discretionary awards	64,448	(9,799)	-	54,649
FY03 Transfer	3,098,707	(2,208,557)	-	890,150
FY04 Transfer	-	3,189,227	-	3,189,227
	<u>\$ 5,106,371</u>	<u>\$ 3,189,227</u>	<u>\$ 2,092,023</u>	<u>\$ 6,203,575</u>

\*Over expenditures will be corrected in fiscal year 2004.

**Summary of New Awards and Transfers**

	Natural Resource Projects	Other Projects	Total
UAA	\$ (5,045)	\$ 729,782	\$ 724,737
UAF	147,380	490,376	637,756
UAS	-	66,682	66,682
Systemwide	-	903,056	903,056
Total	<u>\$ 142,335</u>	<u>\$ 2,189,896</u>	<u>\$ 2,332,231</u>

**Tables**

**One** - Actions Regarding Certificate and Degree Programs

**Two** - Capital Projects Completed in FY03

**Three** - Capital Projects Started in FY03

**Four** - Capital Appropriations

**Five** - Degrees Awarded by Level and Campus

**Six** - Student Headcount by Campus

**Seven** - Student Credit Hours by Campus

**BOARD OF REGENTS ACTIONS IN FY03 REGARDING  
University of Alaska Certificate and Degree Programs**

**Addition of University of Alaska Certificate and Degree Programs in FY03**

<u>Institution</u>	<u>Program</u>	<u>Date Approved</u>
PWSCC	AAS in Theatre	September 13, 2002
UAA	AAS in Computer Systems Technology	September 13, 2002
UAF	*BEEd in Education	September 13, 2002
UAF	MA in Applied Linguistics	December 6, 2002
UAS	Certificate in Automotive Technology	February 21, 2003
UAS	Certificate in Residential Building Science	February 21, 2003
UAS	BA in English	February 21, 2003
UAS	BA in Social Sciences	February 21, 2003
UAS	BS in Information Systems	February 21, 2003
UAF	Certificate in Educator: Para-Professional	April 18, 2003
UAF	AAS in Educator: Para-Professional	April 18, 2003
UAA	Post-Masters Certificate in Nursing	June 10, 2003
UAA	MS in Project Management	June 10, 2003
UAA	Certificate in Industrial Welding Technology	June 10, 2003
UAA	Certificate in Nondestructive Testing Technology	June 10, 2003

\* Rescinds action taken on 6-13-02 to delete program and extends program until 2006.

**Deletion of University of Alaska Certificate and Degree Programs in FY03**

<u>Institution</u>	<u>Program</u>	<u>Date Deleted</u>
UAF	MAT in Information Systems	February 21, 2003
UAF	Master of Arts in Teaching	February 21, 2003
UAF	BA in Human Services	February 21, 2003
UAF	Certificate in Emergency Services	June 10, 2003

**Major Revisions of University of Alaska Certificate and Degree Programs in FY03**

<u>Institution</u>	<u>Program</u>	<u>Date Revised</u>
--------------------	----------------	---------------------

none

**CAPITAL PROJECTS COMPLETED IN FY03****ANCHORAGE CAMPUS****UAA FY99 Deferred Maintenance**

MSC Snodgrass - Renovate Bldg. & Walkway	\$750,000
--	-----------

UAA ADA Wendy Williamson (RSA w/state)	\$110,000
--	-----------

UAA ADA Campus Center (RSA w/state)	\$52,000
-------------------------------------	----------

**UAA FY01 Deferred Maintenance**

McDonald Bldg. Deferred Maintenance/Major Repair/Ren.	\$814,500
---	-----------

**UAA FY02 Construction/Renovation**

Arts Building Ventilation Air for Fume hoods	\$200,000
--	-----------

Student Housing Safety Upgrades	\$1,230,200
---------------------------------	-------------

Wendy Williamson Renovation	\$450,000
-----------------------------	-----------

Gordon Hartlieb Building Sprinklers	\$328,000
-------------------------------------	-----------

K Building Educational Leadership Program Exp.	\$361,000
--	-----------

UAA MSC Ortner Warehouse Replacement	\$654,000
--------------------------------------	-----------

UAA Grand Total	\$4,949,700
-----------------	-------------

**FAIRBANKS CAMPUS****UAF Poker Flat Research Range\* (federal funds)**

Poker Flat Inn Maintenance	18,138
----------------------------	--------

Range Administration Office	2,447,000
-----------------------------	-----------

Warm Storage Maintenance Facility	451,783
-----------------------------------	---------

subtotal	\$2,916,921
----------	-------------

**UAF Rural Campuses or Remote Facilities**

Kodiak Roof Leak Repairs	4,800
--------------------------	-------

Northwest Campus Satellite D Office	21,787
-------------------------------------	--------

Northwest Campus Satellite Ballast Replacement	6,752
--	-------

Seward Marine Center Paint Apt Complex Roof	14,280
---	--------

Seward Effluent Water	7,834
-----------------------	-------

Seward Parking Lot Seal	5,106
-------------------------	-------

Toolik Field Station Soil Remediation	590,549
---------------------------------------	---------

Palmer Farm Fume Hood	53,799
-----------------------	--------

Interior Aleutians (Tok) Heating	8,009
----------------------------------	-------

subtotal	\$712,916
----------	-----------

**CAPITAL PROJECTS COMPLETED IN FY03****UAF Code Corrections**

Elvey Basement Asbestos Abatement	86,748
Arctic Health Vending Area Fire Separation	17,000

<b>subtotal</b>	<b>\$103,748</b>
-----------------	------------------

**UAF Repair and Maintenance**

Honors House Fuel Tank	5,355
Honors House Door	3,090
Campuswide Fire Extinguisher Cert Phase 2	9,074
Campuswide Roof Inspection	13,860
Elvey Electrical Rm Asbestos Abatement	24,685
Fine Arts Rainleader	2,907
Irving 1 Environmental Chambers	5,265
IARC Door Jambs	50,000
Natural Sciences Electrical Rooms	24,132
Duckering Large Equipment	5,417
MBS Parking Lot Headbolt Controls	7,058
Wood Center Bus Turnout	17,710
Whitaker Hall Chiller Base	3500
Whitaker Building Kitchen Remodel	69,125
Irving Window Wall	219,290
Administrative Services East Parking Lot	109,537
Taku Parking Lot	148,200
Road Improvements Dumpster Sites	26,913
Yukon Drive Crosswalk/Sidewalk	20,782
Hess Village Fire Alarm	149,978

<b>subtotal</b>	<b>\$915,878</b>
-----------------	------------------

**UAF Deferred Maintenance**

Gruening Backfill Move	90,282
Gruening Backfill Modifications	89,130
Gruening Backfill Carpet	69,636
Gruening Eielson Electrical Upgrade	13,072
Duckering Labs	30,000
Physical Plant Exterior Painting	10,832
Road Improvements Yukon Drive	96,984
Brooks Building Deferred Maintenance	3,364,647

<b>subtotal</b>	<b>\$3,764,583</b>
-----------------	--------------------

**UAF Campus**

AFES Farm Heat Load	7,857
Arctic Health Convert Labs 111/113	12,326
Delta Farm Well Drilling	9,437

**CAPITAL PROJECTS COMPLETED IN FY03**

AFES Farm Well--Fairbanks	9,300
Butrovich General Counsel Bookshelves	8,395
Butrovich Noise Reduction	7,380
Hess Commons New Door	3,420
GrueningEielson Painting	12,241
Health and Safety Rm 102 Electrical	3,000
Hess Village Drywall	6,319
Hess Village New Windows	14,953
Hess Village New Carpet	20,987
Hess Village Carpet/Vinyl	3,692
Hess Village Railing	7,371
Hess Village Asbestos Removal	3,485
Hess Village New Windows	31,140
IARC Modular Furniture	2,500
Patty Center Varsity Lockers	13,754
Smith Lake Power Project	18,615
TVC Projection Screens (Cooperative Ext)	5,000
Hess Village Asphalt Patching	3,996
Elvey Lab Remodel	201,799
Hess Village Roofing Phase II	185,400
Irving 1 Environmental Chambers (grant and R&M funds)	750,000
Land Management (Goose Bay) Environmental Clean-up	67,940
Rasmuson Library CAVE	89,500
Hess Village Playground Equipment	38,000
<b>subtotal</b>	<b>\$1,537,807</b>

**UAF Other Appropriations**

Museum Install Site Camera	7,084
Whitaker Hall Fire Sprinklers	32,900
TVC Relocation--Asbestos Abatement	5327
TVC Relocation--Elevator	6,908
TVC Relocation--Demolition	15,854
TVC Relocation--Power	7,200
TVC Relocation--Carpentry	8,000
TVC Relocation--Wire Communications	2,500
<b>subtotal</b>	<b>85,773</b>

**UAF grand total****\$10,037,626**



**CAPITAL PROJECTS COMPLETED IN FY03****SOUTHEAST CAMPUS**

Egan Humidification System	7,224
Mourant Alterations to fire sprinklers	2,625
BRC Exterior Wall Repair	24,975
Campus door replacement	77,783
Novatney ceramics lab sink replacement	3,960
Marine Tech fire sprinkler revisions	5,250
Soboleff heat exchanger	3,144
Hendrickson Annex remodel design	48,301
Hendrickson classroom recarpet	4,444
MBC Power Module	5,545
Mourant cafeteria upgrade	86,902
Novatney carpet	4,980
Novatney HVAC VFD	3,580
Campus Pedestrian Path reconstruction	32,383
BRC recarpet 104	3,880
Stover Road Access design	13,800
Campus utility vault drainage improvements	3,500
Sitka Outside Lighting Upgrade	15,900
Anderson Access Ramp/Fire Escape	62,400
<b>UAS Grand Total</b>	<b>\$410,576</b>

**University of Alaska capital projects completed in FY03**

<b>Grand Total</b>	<b>\$15,397,902</b>
--------------------	---------------------

**CAPITAL PROJECTS STARTED IN FY03****UNIVERSITY OF ALASKA ANCHORAGE****UAA FY01 Deferred Maintenance**

Gordon Hartlieb Remodel	101,499.10
-------------------------	------------

**UAA 2002 G.O. Bonds**

Ecosystem/Biomedical Health Facility	4,750,000
Integrated Science Facility	8,400,000
KP KB Branch Building Addition Homer	3,000,000
KP Classroom Expansion Soldotna	850,000
KO Classroom Renovation	500,000
MS Classroom/Building Renovation Palmer	650,000
PW Building Acquisition Valdez	1,500,000
PW Classroom Building/Renovation	835,000

<b>UAA Total</b>	<b>\$20,586,499</b>
------------------	---------------------

**UNIVERSITY OF ALASKA FAIRBANKS****UAF Repair and Maintenance**

Eielson 102 Electrical Wiring	3,747
Campuswide Fire Extinguisher Certification	6,234
Elvey SARS DDC Upgrade	53,244
Fine Arts Rainleader	2,907
IARC Door Jambs	50,000
Duckering Lab Fume Hood	8,800
Wood Center Clerestory Windows	12,950
Whitaker Building Chiller Base	9,228
Campuswide Dumpster Sites	64,970
Wood Center Bus Turnout	17,350
Yukon Drive Crosswalk/Sidewalk	20,782
Downtown Center Elevator Upgrade	17,570
Bunnell Parking Lot "O"	70,972
Irving 1 Environmental Chambers	5,265
Sheenjek Parking Lot	99,975
Elvey Walking Deck	25,000
Wood Center Ballroom Flooring	50,820
Campuswide Directional Signs	3,692
Wood Center Bowling Alley Renewal	75,000
Elvey Electrical Rm Asbestos Abatement	24,685
Water Treatment Replacement Lines	108,500

**CAPITAL PROJECTS STARTED IN FY03**

Health and Safety Rm 102 Electrical	3,000
Arctic Health Exterior Painting	130,195
Road Improvements Dumpster Sites	26,913
Gruening 208 Raceway	3,856
Natural Sciences Electrical Rooms	24,132
Downtown Center Marblecrete Repair	8,397
Campuswide Signage	66,108

<b>subtotal</b>	<b>\$994,292</b>
-----------------	------------------

**UAF Poker Flat Research Range \***

Poker Flat Inn Maintenance	17,472
Command Van Electrical Hook-up	11,980

<b>subtotal</b>	<b>\$29,452</b>
-----------------	-----------------

**UAF Code Corrections**

Patty Center ADA Bathroom	35,350
Arctic Health Vending Fire Separation	17,000
Arctic Health Fire Sprinklers	152,687
Power Plant Code Corrections/Deferred Maintenance	1,293,423
Wood Center ADA Improvements	171,214

<b>subtotal</b>	<b>\$1,669,674</b>
-----------------	--------------------

**UAF Rural Campuses or Remote Facilities**

Northwest Campus Misc. Carpentry	28,000
Northwest Campus Telephone Cable Repair	10,000
Bristol Bay Building Addition	1,875,675
Chukchi Campus Tank Replacement	10,000
Kodiak Soil Contamination	2,860
Kodiak Roof Leak	4,800
Seward RAE Bldg Surface Repairs	7,640
Seward Effluent Water	7,834
Delta Farm Well Drilling	9,437
Cantwell Trailer Removal	6,210
Toolik Soil Remediation	590,549
Northwest Campus Library Improvements	14,343
Northwest Campus Ballast and Lense	18,765
Northwest Campus Building Renovation	74,768
Northwest Campus Fuel Tank	24,770
Chukchi Campus Gravel	4,710

<b>subtotal</b>	<b>\$2,690,361</b>
-----------------	--------------------

**UAF Deferred Maintenance**

Duckering Labs	30,000
Wickersham Showers Revitalization	239,736

**CAPITAL PROJECTS STARTED IN FY03**

Campuswide Dumpster Sites (MBS Complex)	11,030
Arctic Health Fire Sprinklers	152,340
Fine Arts Deferred Maintenance	43,997
Wood Center Renewal	3,196,852
Gruening Eielson Electrical Upgrade	13,072
<b>subtotal</b>	<b>\$3,687,027</b>

**UAF Campus (other)**

President's House Painting/Staining	18,340
President's House Yard Maintenance	7,000
Butrovich Building Basement Improvements	428,117
Butrovich General Counsel Bookshelves	8,395
Butrovich Rm 203 Relite	15,888
Schaible House Maintenance	9,012
Duckering Cold Room	71,551
GrueningEielson Painting	12,241
Signers' Hall Install Cabling	14,259
Fine Arts Ceramic Kiln	25,639
AFES Cold Storage Building	138,000
Cooperative Extension Development Kitchen	100,000
Arctic Health Processor Board	10,584
Irving 1 Card Reader	8,577
Duckering Large Equipment	5,417
Land Management Peregrine Heights Phase III	92,800
LARS Exterior Renovation	42,000
Chandalar Drive Residences Painting	64,550
Garden Apartments Exterior Painting	18,333
MBS New Staircase	31,627
Nordic House Painting	24,200
Hess Village Asbestos Removal	4,270
Hess Village Electrical Call-out	3,500
Hess Village New Flooring	24,782
Hess Village New Windows	14,953
Hess Village Plumbing Call-out	8,000
Hess Village Asphalt Patching	3,996
Hess Village Carpet/Vinyl	3,692
Hess Village Railing	7,371
Hess Village Additional Windows	36,887
Wood Center Bowling Alley Renovation	45,000
Smith Lake Power Project	18,615
Butrovich Noise Reduction	7,380
Rasmuson Library CAVE	89,500
Arctic Health Lab Renovation	1,395,441
IARC Modular Furniture	2,500
Patty Center Varsity Lockers	13,754
Natural Sciences Nanosensor Technology Lab	1,089,000
Butrovich Computer Upgrades--Controls	48,153

**CAPITAL PROJECTS STARTED IN FY03**

Butrovich Computer Upgrades--Electrical	68,915
Butrovich Computer Upgrades--Mechanical	171,920
TVC Projection Screens (Cooperative Ext)	5,000

<b>subtotal</b>	<b>\$4,204,159</b>
-----------------	--------------------

**UAF Other Appropriations**

Subarctic Agricultural Research Units	1,033,885
Tanana Valley Campus Relocation	1,145,690
TVC Relocation--Asbestos Abatement	7000
TVC Relocation--Elevator	6,908
TVC Relocation--Demolition	15,854
TVC Relocation--Power	7,200
TVC Relocation--Carpentry	8,000
TVC Relocation--Wire Communications	2,500
West Ridge Research Building	7,174,000
West Ridge Utilidor Extension	6,090,000
Utilidor Siberian Larch Relocation	8,150
O'Neill Lab Renovation	753,956
Arctic Health Fire Sprinklers	405,260
Museum Expansion	23,049,866
Hutchison Career Center Renovation/Addition	7,847,362
Museum Misc. Projects--Elevator Upgrade	56,921
Bunnell House Fire Sprinkler	44,393
Museum Expansion Project--Exits	4,678

<b>subtotal</b>	<b>\$47,661,623</b>
-----------------	---------------------

<b>UAF grand total</b>	<b>\$60,936,588</b>
------------------------	---------------------

**SOUTHEAST CAMPUS**

Egan Humidification System	7,224
Mourant Alterations to fire sprinklers	2,625
Anderson Exterior Repairs	22,202
BRC Exterior Wall Repair	24,975
Campus door replacement	77,783
Novatney ceramics lab sink replacement	3,960
Marine Tech fire sprinkler revisions	5,250
Soboleff heat exchanger	3,144
Hendrickson Annex remodel design	48,301
Hendrickson classroom recarpet	4,444
MBC Power Module	5,545
Mourant cafeteria upgrade	86,902

**CAPITAL PROJECTS STARTED IN FY03**

Novatney carpet	4,980
Novatney HVAC VFD	3,580
Campus Pedestrian Path reconstruction	32,383
BRC recarpet 104	3,880
Stover Road Access design	13,800
Campus utility vault drainage improvements	3,500
Whitehead Ext. Stair replacement	5,765
Sitka Classroom completion	540,000
Paul / Ziegler Remodel	3,900,000
Student Recreation Center	5,400,000
Housing Domestic Hot Water Replacement	135,000
<b>UAS Grand Total</b>	<b>\$10,335,243</b>

**University of Alaska capital projects started in FY03**

<b>Grand Total</b>	<b>\$91,858,330</b>
--------------------	---------------------



## FY03 Capital Appropriations

(in thousands)

Project Title	MAU	State Funds	Other State Funds*	Non-State Funds	Total
<b>Safety and Highest Priority R&amp;R and DM</b>					
Boiler Replacement/Renovation	UAA				
Boiler Replacement PWSCC			400		400
Boiler Renovation Kodiak			200		200
Community Campus Safety and RR	UAF				
Chukchi			580		580
Kuskokwim			180		180
Northwest			190		190
Interior Aleutians			240		240
Small R&R Project Receipt Authority	UA			4,230	4,230
Gym Roof Replacement	UAA		435		430
Window/Skylight/Lighting	UAA		300		300
<b>Essential Instruct. And Telecom Improvement</b>					
Replace Primary UA Host Computing	UA	1,500			1,500
<b>Remodel/Renovation for Effective Space</b>					
Classroom Completion (Sitka)	UAS		540		540
Classroom Expansion Ward Bldg	UAA		850		850
Snodgrass Classroom Renovation	UAA		650		650
Joint Recreation Facility	UAS		5,470		5,470
Classroom Additions and Land Acquisition	UAA		3,000		3,000
Classroom Expansion (TVC)	UAF		2,000		2,000
Small Business Development Center	UAA	450		1,000	1,450
SW Planning NGF Receipt Authority	UA			4,000	4,000
Small Project NGF Receipt Authority	UA			8,000	8,000
<b>New Construction</b>					
Lena Point	UAF		9,000		9,000
Total New Construction Transition includes:	UAA/F				
ecosystem biomed facility (\$4.750m)	UAA		4,750		4,750
university center (\$12.0m)	UAA		14,000		14,000
west ridge research facility (\$2.0m)	UAF		2,000		2,000
Bio Science Building Phase 1	UAF		21,500		21,500
Integrated Science Facility Phase I	UAA		8,400		8,400
<b>Planning and Other</b>					
Building Acquisition (Valdez)	UAA		1,500		1,500
<b>Capital Items not included in Board Request</b>					
Paul/Ziegler Building Renovation	UAS		3,900		3,900
Robertson Building/Parking Renovation	UAS		385		380
School of Nursing Lab Equipment	UAA	150			150
Bristol Bay Classroom Addition	UAA		704		704
Studded Tire Study	UAF	50			50
Kodiak Voc Tech Planning	UAA	30			30
UA Nursing Program	UAA	250			250
AK Geospacial Information Coalition	UA	500			500
<b>TOTAL</b>		<b>2,930</b>	<b>81,174</b>	<b>17,230</b>	<b>101,334</b>

\*G.O Bond &amp; Debt Reimbursement

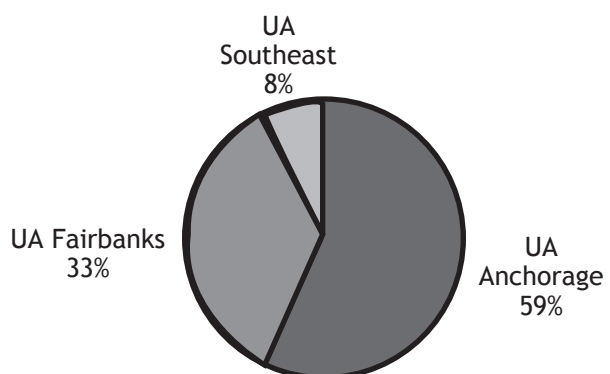
### Degrees Awarded by Level and Campus FY02

	Certificate (1 yr) (2 yr)		Associate (AAS) (AA)		Baccalaureate	Master's	Doctorate	Total
<b>Anchorage</b>	22	25	241	133	766	159		1,346
Kenai	1	3	56	30				90
Kodiak		4	3	5				12
Mat-Su	7	5	31	29				72
Military				35				35
PWSCC		7	11	8				26
<b>Fairbanks</b>		1	9		420	142	19	591
College of Rural Alaska								0
Bristol Bay		5	2	2	1			10
Chukchi		2	1		1			4
Interior-Aleutians		10	1	4	4			19
Kuskokwim		16	2	8	4			30
Northwest		7			1			8
Tanana Valley		57	126	53				236
<b>Juneau</b>		4	18	29	84	53		188
Ketchikan		3	6	4				13
Sitka	7	1	4	4				16
<b>UA Anchorage</b>	30	44	342	240	766	159	0	1,581
<b>UA Fairbanks</b>		98	141	67	431	142	19	898
<b>UA Southeast</b>	7	8	28	37	84	53	0	217
<b>UA System</b>	<b>37</b>	<b>150</b>	<b>511</b>	<b>344</b>	<b>1,281</b>	<b>354</b>	<b>19</b>	<b>2,696</b>

Note: Degrees awarded for Kachemak Bay Branch are reported with Kenai Campus.

Source: Data Supplied by MAUs via UA Information Systems: Banner SI Closing Extract 2002. Compiled by Statewide Budget and Institutional Research.

Proportion of Degrees Awarded  
by MAU



Proportion of Degrees Awarded  
by Level

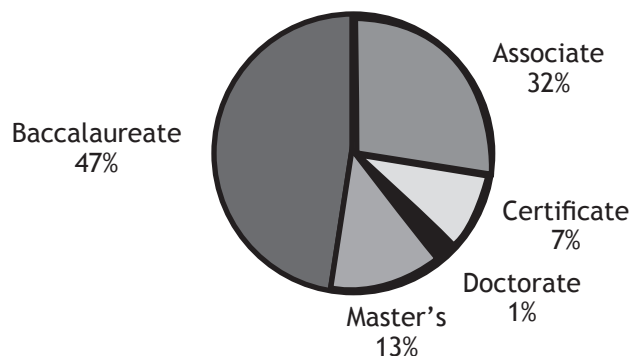


Table 6

**Student Headcount by Campus  
Fall 1998 - 2002**

	Fall Semester					% Change	% Change
	1998	1999	2000	2001	2002	1998-2002	2001-2002
<b>Anchorage</b>	13,559	13,148	12,857	12,818	<b>13,644</b>	0.6	6.4
Kenai	1,197	1,116	1,146	1,308	<b>1,334</b>	11.4	2.0
Kachemak Bay	422	337	413	384	<b>436</b>	3.3	13.5
Kodiak	665	677	757	786	<b>835</b>	25.6	6.2
Mat-Su	1,236	1,448	1,515	1,594	<b>1,684</b>	36.2	5.6
Military	348	308	406	364	<b>432</b>	24.1	18.7
PWSCC	1,926	1,552	1,459	1,427	<b>2,074</b>	7.7	45.3
<b>Fairbanks</b>	5,110	4,957	4,938	5,137	<b>5,632</b>	10.2	9.6
College of Rural Alaska							
Bristol Bay	475	589	531	406	<b>594</b>	25.1	46.3
Chukchi	169	249	216	193	<b>145</b>	-14.2	-24.9
Interior/Aleutians	689	594	676	625	<b>581</b>	-15.7	-7.0
Kuskokwim	366	334	335	307	<b>308</b>	-15.8	0.3
Northwest	291	391	523	410	<b>519</b>	78.4	26.6
Rural College	731	721	819	1,175	<b>1,392</b>	90.4	18.5
Tanana Valley	2,533	2,601	2,726	2,802	<b>2,933</b>	15.8	4.7
<b>Juneau</b>	2,604	2,515	2,754	2,758	<b>3,089</b>	18.6	12.0
Ketchikan	576	549	465	462	<b>558</b>	-3.1	20.8
Sitka	1,315	1,251	1,265	1,352	<b>1,270</b>	-3.4	-6.1
UA Anchorage	19,063	18,339	18,268	18,391	<b>20,121</b>	5.6	9.4
UA Fairbanks	8,235	8,250	8,463	8,421	<b>9,390</b>	14.0	11.5
UA Southeast	4,337	4,162	4,330	4,382	<b>4,747</b>	9.5	8.3
<b>UA System</b>	<b>31,106</b>	<b>30,249</b>	<b>30,480</b>	<b>30,625</b>	<b>33,516</b>	<b>7.7</b>	<b>9.4</b>
UA A	main		67%				
	extended		33%				
UA F	main		47%				
	extended		54%				
UA S	main		63%				
	extended		37%				
System	main		60%				
	extended		40%				

Note: Reporting level headcount is unduplicated. Campus headcount totals add up to more than MAU totals and MAU headcounts add up to more than the system total. This occurs because it is common for students to be concurrently enrolled at multiple campuses and/or multiple MAUs in the same semester. Therefore, some students would be double counted if headcounts were summed across campuses and MAUs. Headcount includes students who audit credit courses. The percentage shown in the graph above reflect campus level headcounts.

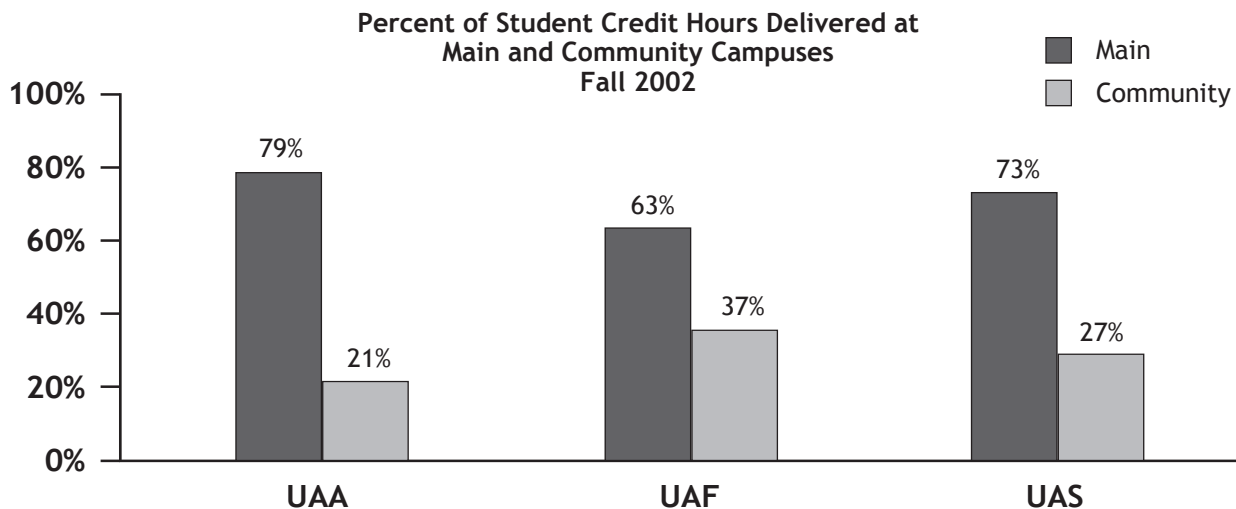
Source: Data supplied by MAUs via UA Information Systems: Banner SI Closing Extracts 1998 - 2002. Compiled by Statewide Budget and Institutional Research.

**Student Credit Hours by Campus  
Fall 1998 - 2002**

	Fall Semester					% Change	% Change
	1998	1999	2000	2001	2002	1998-2002	2001-2002
<b>Anchorage</b>	104,520	104,154	103,783	106,147	<b>112,999</b>	8.1	6.5
Kenai	7,208	6,685	7,022	8,193	<b>7,556</b>	4.8	-7.8
Kachemak Bay	1,819	1,258	1,580	1,520	<b>1,718</b>	-5.6	13.0
Kodiak	2,385	2,168	2,909	3,001	<b>3,094</b>	29.7	3.1
Mat-Su	8,289	8,853	9,102	9,614	<b>10,445</b>	26.0	8.6
Military	1,609	1,423	1,916	1,739	<b>1,889</b>	17.4	8.6
PWSCC	4,484	4,104	3,899	3,792	<b>4,709</b>	5.0	24.2
<b>Fairbanks</b>	46,298	44,564	44,212	45,096	<b>47,833</b>	3.3	6.1
College of Rural Alaska							
Bristol Bay	1,074	1,398	1,231	1,110	<b>1,617</b>	50.6	45.7
Chukchi	559	700	790	591	<b>510</b>	-8.8	-13.7
Interior/Aleutians	1,497	1,560	2,115	1,723	<b>1,894</b>	26.5	9.9
Kuskokwim	1,629	1,344	1,762	1,550	<b>1,579</b>	-3.1	1.9
Northwest	752	1,210	1,367	1,267	<b>2,390</b>	217.8	88.6
Rural College	2,618	2,506	2,808	4,305	<b>5,070</b>	93.6	17.8
Tanana Valley	12,523	13,205	13,284	13,564	<b>14,844</b>	18.5	9.4
<b>Juneau</b>	15,105	15,038	15,398	16,111	<b>18,592</b>	23.1	15.4
Ketchikan	2,330	2,414	2,017	2,132	<b>2,352</b>	0.9	10.3
Sitka	4,771	4,400	4,071	4,712	<b>4,681</b>	-1.9	-0.7
<b>UA Anchorage</b>	130,313	128,645	130,211	134,006	<b>142,410</b>	9.3	6.3
<b>UA Fairbanks</b>	66,950	66,487	67,569	69,205	<b>75,737</b>	13.1	9.4
<b>UA Southeast</b>	22,205	21,851	21,486	22,955	<b>25,624</b>	15.4	11.6
<b>UA System</b>	<b>219,468</b>	<b>216,983</b>	<b>219,265</b>	<b>226,165</b>	<b>243,770</b>	<b>11.1</b>	<b>7.8</b>

Note: Student credit hours do not include audited credit hours.

Source: Data Supplied by MAUs via UA Information Systems: Banner SI Closing Extracts 1998 - 2002. Compiled by Statewide Budget and Institutional Research.



**About this publication**

This publication was released by the University of Alaska Board of Regents to inform the Alaska State Legislature of the conditions of the university property, of all receipts and expenditures, including the administration and disposition of appropriated and restricted funds, and of the educational and other work performed at the University of Alaska.

Printed in Fairbanks, Alaska, at a cost of \$5.10 per copy.

This publication is required every year by AS 14.40.190

**Acknowledgement**

The staff of the Office of Public Affairs extends sincere appreciation to the many individuals throughout the University of Alaska who assisted in preparing this report.

Produced by the Statewide Office of Public Affairs, University of Alaska, December 2003