

REPORT to the LEGISLATURE

2001-2002



UNIVERSITY
of ALASKA

Many Traditions One Alaska



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of ALASKA

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December 15, 2002

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, 2001 and ending June 30, 2002.

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

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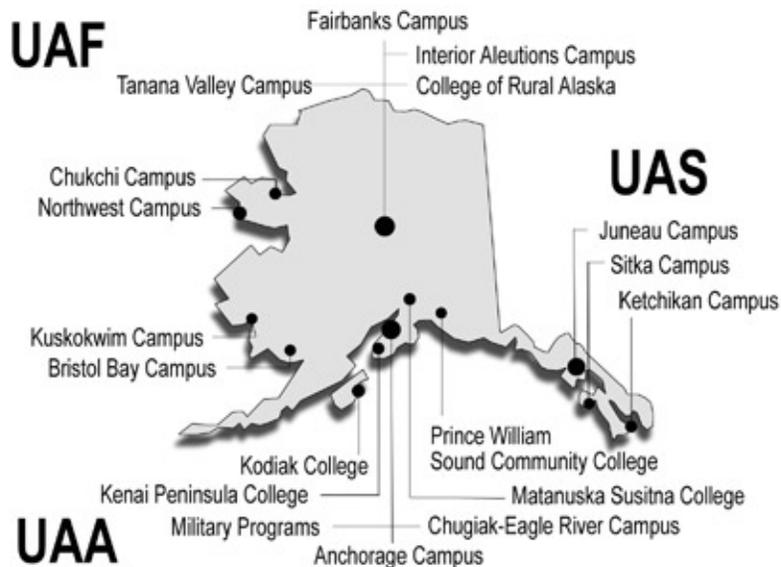
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University of Alaska
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University of
Alaska
Statewide System



PRESIDENT'S OFFICE

On the personnel front, the president's office welcomed Dr. Craig Dorman as Vice President for Research. Dr. Dorman comes to the University with a strong background as a nationally recognized leader in research administration, policy, and planning. His portfolio includes a major role in preparing the state research and development plan mandated by the legislature, coordinating research priorities across the university system, and providing advice and counsel to the president on research initiatives.

The Systemwide Academic Council, comprised of the provosts of the three main campuses, has taken a leadership role in the areas of distance education and teacher preparation. Both areas are seen as critical priorities as the university addresses the diverse educational needs of the state.

Close to \$4 million in private funds donated to the UA Foundation were designated by the president to stimulate progress in several high priority areas of teaching, research, and service. President's professors contributed their expertise to key state issues such as climate change, geographic information systems, fisheries and ocean science, and distance education. The Toolik Lake research station, the nation's largest arctic field station, was provided a much needed new water system. Distinguished visitors ranging from Pulitzer Prize winners to former White House chiefs of staff were brought to the state to meet with faculty and students. The Institute for Social and Economic Research continued its comprehensive economic development research project, Understanding Alaska.

With leadership from the Board of Regents, the president's office has guided the preparation of a statewide strategic plan. The plan, developed as a synthesis of the myriad planning and assessment efforts across the university, is slated for Board of Regents' approval in April 2003.

Summary of 2002 Legislative Session actions:

In the 2002 session, the legislature faced a \$1 billion general fund fiscal gap in the operating budget for FY03. Although the majority claimed to have executed a state fiscal plan over the past five years by reducing state spending by over \$250 million, the revenue side of the picture was not addressed until this year. A bipartisan group of House and Senate members formed a Fiscal Policy Caucus this past session to explore ways of bringing in additional revenues, but in the end there was no consensus to any "plan", and only one revenue measure, a .10/drink alcohol tax, was passed.

Even in the face of a grim state revenue picture, for the third year in a row, the university has come out ahead of the game, increasing its general fund budget by \$8 million to cover salary increases and some unavoidable fixed cost increases. The University of Alaska Board of Regents requested a \$17 million general fund increase from its FY02 base, and while Governor Knowles fully endorsed the entire budget, the legislature was hesitant to pass such a large request, especially since it gave most state agencies a cut from last year's numbers.

On the capital side, the legislature gave very little in the way of straight general funds. However, \$61.7 million of funding was tied to a General Obligation Bond package that was passed by the voters in the November general election. This capital funding for the university was tied to a package

of construction projects for K-12 schools, both urban and rural for over \$166 million, and an additional \$230 million in transportation projects. Additionally, \$20 million in capital projects for the university were tied up in a debt reimbursement package.

Legislators have done a great job of stressing that the state has a fiscal crisis - that the FY03 operating budget would be short close to \$1 billion in general fund dollars before using the Constitutional Budget Reserve Fund to plug the hole. In spite of the fact that the last GO bond election was over 20 years ago and the state bond debt had been paid off in 1999, the new bond package passed overwhelmingly, as it was tied to the #1 supported issue in the state - education. In addition, the legislature passed a resolution (SJR 44) creating a task force to coordinate a research and development plan for the state to identify ways to ensure that the federal and state governments work together to identify and assess areas of high economic potential from resource development and tourism on federal and state lands, waters, and airspace of Alaska to help expand and diversify Alaska's economy, strengthen and maintain the health of state research institutions, and protect the health of Alaskans and the environment of Alaska. (See: www.alaska.edu/AlaskaResearch)

In a surprise move by the legislature, the three nominees to the UA Board of Regents, as well as nominees to the Boards of Fish, Game and Education, were not confirmed.

Savings Plans, Scholarships and Student Loans:

The university has had a prepaid tuition plan in place since 1993. The ACT (Advance College Tuition) plan offers the purchaser UA tuition at today's rates for tomorrow's education. This program has been integrated into an overall expanded college savings program to include a new Section 529 plan.

The new Section 529 University of Alaska College Savings Trust Plan, established under legislation passed last session, provides parents, grandparents, or anyone else the opportunity to prepare financially for a child's college education and obtain valuable tax benefits at the same time. Investment options include enrollment-based portfolios, static portfolios, and the Advance College Tuition (ACT) Portfolio. The enrollment-based portfolios range from 100% stock portfolios for students who are more than a decade away from college enrollment to a conservative portfolio with a 20% stock fund/40% bond fund /40% money market fund mix for students about to enter college. Participants can invest up to \$250,000 for each future student and accounts can be opened with as little as \$250 (or \$50 each month). (See: www.uacollegesavings.com)

This past fall, the Alaska Commission on Post Secondary Education introduced the Alaska Advantage Stafford Loan program, and the Alaska Supplemental Education Loan, a service-oriented financial aid delivery system designed to insure Alaskans have access to and the benefits of the lowest cost educational financing available. This program integrates the Alaska Student Loan and federal Title IV programs, providing borrowers with one-stop financial aid shopping, combining grant and loan applications, and significantly reducing costs. Alaska Advantage additionally provides for expanded grant assistance, which should prove effective in attracting students to Alaska's higher education institutions. Both loan programs have interest rates far below the federal base rate (1.34%!) and are currently the best in the nation. Additionally, borrowers attending Alaska schools or living in Alaska after they graduate will be awarded Alaska Presence Credit for every year of their residency, thereby reducing the interest rate on their overall loan. These loans will also be available to students from out-of-state who attend Alaska schools. (See: <http://www.state.ak.us/acpe/>)

For the past three years, the ACPE has provided the state with an annual dividend in relation to its successful earnings and management. These dividends have been allocated to the university in the form of general fund support in its operating and capital budgets. This past session, however, these one-time funds were replaced with general fund dollars, and the dividend was utilized for university capital projects.

The Alaska 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. (See: www.alaska.edu/scholars)

HUMAN RESOURCES ACCOMPLISHMENTS

A new web-based service, UA Online, was introduced, allowing faculty and staff to have up-to-date access to information on their salary, leave, and other benefits. In addition, a new applicant tracking system was activated to improve recruitment process and to support compliance with equal employment opportunity laws and regulations.

Classification and Compensation

The university is in the midst of developing a job classification system that will improve its ability to recruit and retain staff, align staff salaries both internally and to the market, develop career ladders and training programs, and ensure accountability. An implementation model has been developed and the first set of occupational groups has been completed. The project is slated for completion in the winter of 2004.

Maintaining competitive faculty salaries has been an ongoing challenge for the university. The administration has begun to analyze this issue and plans to have results of the analysis in the spring of 2003.

Training and Development

The University of Alaska Academy 2002 brought state leaders together with university executives to discuss how UA could better meet the needs of the key sectors of the Alaska economy: small business, health and social services, K-12 education, engineering, information technology, and natural resources. Based on these discussions, the three major campuses developed student recruitment and retention plans. A professional development program for staff was delivered on a pilot basis throughout the system.

Labor and Employee Relations

A successor collective bargaining agreement was negotiated with the union representing adjunct faculty. Negotiations for a successor agreement commenced with the union representing faculty who teach at our community colleges and exclusively lower division courses at UA's major campuses.

- Adjunct Contracts successfully negotiated
- A third employee attitude survey is completed and results communicated throughout the system

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. Approximately 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 Masters 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 and disparities 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.

LAND MANAGEMENT

Land Management generated receipts of \$4.9 million in FY02 from real estate and resource development projects involving University of Alaska and University of Alaska Foundation property.

Highlights:

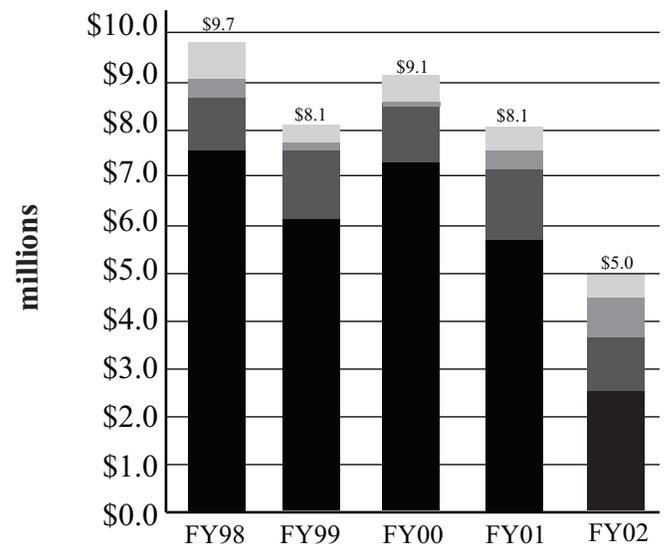
Land Management sold land worth more than \$2.6 million in competitive and over-the-counter subdivision lot sales. **\$1.4 million** was collected on outstanding land sale contracts.

Land Management sold a 9.9-acre parcel in Homer near the Homer Bypass through a competitive process to a developer for \$770,800.

Wrangell III, a 32-acre subdivision in North Pole was completed.

Through a partnership with State Parks, the construction of the Gulf Coast Hut to Hut cabins, located near the Bering Glacier, were completed and connecting trails developed. The cabins will be available for rent starting in FY03.

Annual Gross Receipts All Sources



GENERAL COUNSEL ACCOMPLISHMENTS

The Office of General Counsel supervises and administers the legal affairs of the Board of Regents and university, appoints attorneys to represent the university, and directs university participation in administrative agency and judicial proceedings.

The General Counsel's Office provides advice to university representatives on the full spectrum of legal issues, and assists in training 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

- early participation in matters that might result in legal disputes,
- adherence to internal and external rules,
- fair treatment of involved parties,
- objective evaluation of claims that have merit for payment or settlement, and
- successful defense of claims that lack merit.

During FY02 the general counsel's office was challenged from a personnel-power perspective. Despite the challenges posed by reduced staff, during FY02 the office has increased its emphasis on evaluation of and advice regarding administrative decision-making as early as possible, and used counsel at the pre-decision stage that are effective at building relationships, foreseeing problems, and tailoring administrative decision-making to avoid litigation, while accomplishing appropriate administrative goals. This has contributed to

- a. a continued increase in the level of effective personnel actions,
- b. enhanced protection against ill-considered agreements,
- c. a high degree of success in litigation matters, and
- d. reduction of the litigation load and associated costs to even less than can reasonably be hoped for over the long term.

In response to the staffing issues, two attorneys were hired to return the total number of lawyers in the Office of General Counsel to the historical norm of four. These attorneys have distinguished careers in the law, were hired locally, and will be valuable assets to the University of Alaska. With a full complement of lawyers, the office expects to

- a. continue early participation and advice,
- b. apply adequate time and expertise to contractual drafting and negotiation,
- c. foresee and minimize problems in areas of increased regulatory attention,
- d. assist labor in difficult collective bargaining issues on the horizon,
- e. provide a limited amount of highly efficient and effective in-house representation,
- f. propose needed legislation,
- g. provide assistance for major projects,
- h. advise on the day-to-day needs of the university in a timely manner; and address some areas where proactive steps are needed.

PUBLIC AFFAIRS

Other than a statewide print advertisement designed to draw public attention to the re-accreditation of UAA, UAF and UAS, and a few directory advertisements, Statewide Public Affairs did little advertising this year. Instead, Statewide activities were directed to evaluation and planning.

Starting with an evaluation of previous advertising efforts, Statewide Public Affairs began the development of an advertising plan for next year. The planning process involved representatives from each major campus, the Nerland Agency and others in the UA system.

The campaign – made possible by a grant from the University of Alaska Foundation – will be designed to:

- Increase consideration of UA as a prospective college choice by traditional age students as well as those considering continuing education.
- Help the public understand the UA system as a triad of three major universities and numerous community campuses that, together, enrich Alaska and are integral to its future.

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, Regents' Recap publications after each of the Board of Regents meetings, and general distribution news releases when necessary.

Public Affairs continued to work with Information Services and other Statewide offices on UA's web presence, and started planning to convert some publications to on-line in order to save time and paper.

RESEARCH

Dr. Craig Dorman began his job as Vice President for Research in March 2002, just as the University of Alaska began a comprehensive planning process for the construction of new science facilities.

Dorman came to the University of Alaska from Pennsylvania State University where he was a Senior Scientist at the Applied Research Laboratory, and also served as Chief Scientist at the Office of Naval Research.

INFORMATION TECHNOLOGY SERVICES

Facilitated migration of all Statewide web sites to single, more manageable web content system including standardized templates for general use.

Developed and deployed online.alaska.edu, Distributed Education site, eliminating need to print catalogs and schedules for distance education offerings.

Banner:

- Completed the Banner4 to Banner5 administrative and self-service ("Web for") software upgrade, which contains enhanced functionality and improved web capabilities.
- Deployed Banner's Web for Students product, which enables our student community to retrieve grades and other useful information via the web.
- Web for Registration was deployed on 07/01/2002. This product permits current students to register for classes over the web.
- Web for Financial Aid was released to our student community so they can retrieve financial aid information and application materials via the web.
- Web for Faculty has been released to our faculty to use to track students and grades for the courses they teach using a web interface.

- Web for Employees was deployed to our workforce to use to view payroll, benefits, deductions, and tax information via the web.
- Assisted UAA in the integration of Gradelink into the Banner system. This tool enables faculty to scan in grade information rather than manually entering it.
- ePayment Gateway went operational in September 2001

Initiated bi-monthly Help Desk focus group, represented and attended by SW, UAA, UAF, and UAS help desk and second-line staff members, establishing a more coordinated effort toward the University support function;

Developed and delivered 3 day Rural Site Training Conference with representatives from 22 Rural Campuses and the 3 MAUs, focusing on Banner upgrade and University wide process-related training needs;

Increased Help Desk's first-line trouble call solution rate to 60% of total call volume (up from less than 30% in 2000);

System-wide SSH secure logon Implementation for Banner – June 2002

Internet2 World Network Speed Record set in April 2002

Completed deployment and build out of the infrastructure and implemented services for a UA systemwide Video over IP conferencing system.

Successfully implemented and deployed hardware and software for web casting/streaming to UA customers.

Performed upgrades and enhancements to UA network links and hardware at all sites for increased bandwidth and hardware reliability.

Lead the development as well as facilitated the use of High Speed Audio and Video Encoder/decoders between all MAUs for UA distance education instruction in transmitting broadcast audio and video across UA WAN links.

System wide directory designed and in Beta testing

Rules and Procedures for computing abuse written and accepted

Entered into comprehensive telecommunication services contract with the State of Alaska and ACS.

Negotiated \$1/1 year contract for OC-3 circuit with GCI

Purchasing Log created and enhanced to track all ITS expenditures and financial transactions for travel, contractual, commodities, and capital budgets.

University of
Alaska
Anchorage



ACADEMIC PROGRAM HIGHLIGHTS



The Dental Hygiene program's 2002 graduates placed sixth in the nation when rated against all other dental hygiene programs taking the National Board for Dental Hygiene. This rating places UAA's program in the top 2.5% nationwide.

For the third year, graduating majors in Sociology scored above the 90th percentile on the ETS Major Field Test in Sociology (with 128 colleges participating). Four students scored in the 99th percentile; one in the 98th; the other three between the 91st and 95th percentile.

With a \$2.6 million grant from the National Science Foundation (NSF), the very successful ANSEP (Alaska Native Science and Engineering Program) program will expand to the University of Alaska Fairbanks and the University of Hawaii Manoa. The University of Washington is also joining this coalition to strengthen its current indigenous American engineering retention program. Industrial sponsors matched the grant, and the universities added another \$1.6 million. The consortium will be known as the Pacific Alliance. According to the NSF, the national retention rate for Native Americans in engineering programs is 27%, while the UAA ANSEP program retention rate is 73%. There are 43 ANSEP students currently enrolled at UAA.

UAA now trains 25 percent of all air traffic controllers in the U.S. Student enrollments in the UAA air traffic control program are third highest in the United States. This year the Aviation Technology program upgraded its 360-degree control tower simulator with the Adacel computer system. UAA joined the SimPartner Program with Adacel, the University of North Dakota Aerospace Program, and Nav Canada to allow airports to test new runway/taxiway configurations, procedural changes, new tower sitings, and new CNS/ATM technologies in a risk-free simulated environment.

To meet the state's urgent need for healthcare workers for the elderly, UAA launched a new multi-disciplinary Gerontology program involving many departments, including anthropology, nursing, nutrition, psychology and sociology. The first classes in the program, as part of a Summer Institute in Gerontology, are "Health Care of the Elderly", "Death and Dying", "Women and Aging", "Elderly Nutrition", and "Cross-Cultural Perspectives on Aging".

To address the continuing problem of Fetal Alcohol Syndrome (FAS), the School of Social Work signed a contract with the State of Alaska Division of Family and Youth Services to develop curriculum and deliver professional training statewide on FAS. The Center for Human Development (CHD) is also coordinating a collaborative, multidisciplinary evaluation of the state's \$26 million FAS project. Collaborators include School of Education (Dr. S. Ryan), Psychology Department (Drs. Brems and Johnson), and the Institute of Circumpolar Health (Drs. Segal, Saylor, and Burgess). CHD also designed and facilitated the Fetal Alcohol Syndrome statewide evaluation team retreat, and produced a program evaluation and continuous quality improvement training manual.

The Alaska Technology Transfer Center, a program of the UAA Small Business Development Center, was awarded \$100,000 from the Small Business Administration (SBA) as part of the first Federal and State Technology Partnership (FAST) program. The FAST awards, a highly competitive program open to all states, permits only one proposal from each state to be submitted to the SBA for funding, and requires endorsement by the state's governor. The FAST award funding, matched by UAA, will improve the economic environment for small businesses, and will support efforts to increase the number of high-tech startup companies in Alaska and the number of successful SBIR/STTR awards won throughout the state.

The School of Nursing received provisional approval from the Alaska Board of Nursing for the new Practical Nurse Education Program (full approval cannot be granted until the program is fully implemented and the first graduates are nearing completion of the program). Sixteen Anchorage students and eight students in Bethel began a year-long program of study in January, after which they will be eligible to sit for the NCLEX-PN, the national licensing examination for Licensed Practical Nurses.

Drs. Jang Ra and Oliver Hedgepeth of the Engineering and Science Management Graduate Program (ESM), in collaboration with the American Russian Center, provided Russian oil and gas senior officials and Russian university professors a series of courses in project management, quality control, and leadership building. This program is a

two-year effort combining instruction at UAA and in Russia, as well as internships in American oil and gas industry partners. The grant is funded by the Department of Labor.

Dr. Darren Prokop (Logistics) received a research grant from the Canadian Consulate General (Seattle) to investigate the logistical role Anchorage can play in facilitating Northern Canadian trade flows, especially in air cargo. Results of this study were presented on March as part of the UAA “Canada Week”.

In November **Dr. Lee Huskey** (Economics) presented an invited paper, “From the Periphery to the New Economy: Paths and Limits for Resource Regions”, at the “Off the Map in the Global Economy?” conference sponsored by Victoria University, in Wellington, New Zealand.

Dr. Orson Smith presented the paper “Coastal Erosion in Alaska” at the Arctic Coastal Dynamics Conference, and was co-author (with Bill Lee of the School of Engineering) of a presentation on erosion at Barrow. The Arctic Coastal Dynamics program is coordinating international efforts to map trends of coastal processes all around the Arctic Ocean and its adjacent seas. Dr. Smith will continue to study coastal trends at Barrow and along the Chukchi Sea coast in collaboration with several other US specialists as a part of the international program.

Lisa Rieger of the UAA Justice Center and Caroline Brown of the University of Chicago have completed a study for the Bureau of Indian Affairs: “The Changing Legal Environment and Indian Child Welfare Act in Alaska: A Regional Study.”

In May **Elaine Major** presented a paper at the National Water Quality Monitoring Conference in Madison, Wisconsin, describing the aquatic monitoring workshops developed for Alaska tribes. She was also asked to participate on the organizing committee for the North America Lake Monitoring Management Society’s International Symposium to be held in Anchorage in November 2002.

The North Pacific Fisheries Observer Training Center sent two representatives on the National Oceanic and Atmospheric Administration (NOAA) Gulf of Alaska Seamount Exploration in June. The expedition crew, made up of scientists and educators from several universities and government agencies, explored the unique habitats of five previously unexplored seamounts in the Gulf of Alaska. The expedition will include a series of 15 dives in an Alvin submersible. The trip will be filmed, and may be aired as a documentary on PBS.

On August 17, 2001, students from as far away as Israel completed the first Alaska Earth Systems Field School. Field School co-founders Frank von Hippel (Biology) and Steve Colt (Environmental Studies) are developing additional course modules for next summer with the support of a grant from the National Science Foundation. The field school is being designed in partnership with CAS’s new Bachelor of Liberal Studies and Bachelor of Arts in Elementary Education programs.

LIBRARY AND INFORMATION SERVICES NETWORKING WITH THE WORLD

The Arctic Environmental Information and Data Center (AEIDC), through its participation as a founding member of the Alaska Resources Library and Information Service (ARLIS), shared in the national Institute of Museum and Library Services’ “2001 National Awards for Museum and Library Service “. The award is the most prestigious recognition available to libraries in the country.

With a \$70,000 grant from the Alaska State Library, the UAA Consortium Library expanded its electronic library resources by joining the JSTOR electronic archive program. Over 700 U.S. libraries and 250 international libraries subscribe to JSTOR. The UAA Electronic Library program has been an enormous success. The number of visits to the library’s web site has tripled the past year, and during the fall 2000 and spring 2001 semesters the UAA community downloaded more than 150,000 articles, representing more than \$1,000,000 worth of information. The Electronic Library Program has extended library services to all students, on campus or in distance education programs by providing resources 24 hours per day, seven days per week.

The UAA Institute of Circumpolar Health Studies collaborated with the Consortium Library Health Science Information Service, the National Institutes of Health, and the National Library of Medicine to establish the Arctic Center of Health Information, Literature and Data (Arctic CHILD). This is a centralized repository of electronically

accessible materials on the well-being of the people of the far north.

The Environmental and Natural Resources Institute (ENRI) developed a website with a water quality database (in cooperation with the Alaska Departments of Natural Resources and Environmental Conservation) to view, share, and store basic biological and chemical information from across the state. The Biological Monitoring and Assessment Program has recently revised its Alaska Stream Team and Alaska Stream Condition Index Methods so professional biologists, citizens, tribes, and educators can collect biological information to assess water quality.

STUDENT PROJECTS: PREPARING STUDENTS FOR THE REAL WORLD

The civil engineering senior class conducted an engineering design study for Phillips Alaska, Inc., investigating feasible solutions for pipeline bridges in the challenging environment of the Colville River Delta on Alaska's North Slope. This is a real project that will have an impact on how such bridges are built in arctic delta areas.

Assistant Professor Dennis Drinka's 36 senior Bachelor's of Business Administration students, through class projects, provided valued service to 12 Alaska businesses by creating websites. Tesoro Alaska listed students Weston Smith, Lance Necessary, and Gary Weiler as members of their Platinum Pack Sponsors (companies that have donated \$5000 or more) for their work assisting in the company's website design. Other business projects this year included the Iron Dog snowmachine race and Lazy Otter water taxi service.

The Center for Community Engagement and Learning and the Student Leadership Development office jointly developed the Alternative Spring Break program. Students traveled to Vera Cruz, Mexico with Habitat for Humanity to build homes, learn about Mexico culture and intercultural communication, and receive one upper division credit in sociology.

Student orientation has been proven to increase the retention of incoming students, and is an important component of UAA's overall student success initiative. New Student Orientation reached approximately 1000 students in fall 2002. 250 students came to Welcome Day on August 25, 120 students and guests came to the Non-Traditional Student Orientation on August 23. AHAINA, International Services, and Native Student Services met with several hundred new students August 23 and 24. 100 students and their parents came to the four overnight sessions held this summer—two were specifically for UA Scholars and two were for all new students. North Hall will become a First Year Experience Hall for incoming freshmen in fall 2002.

RESPONSIVE TO ALASKA'S NEEDS

UAA developed, and the Board of Regents approved, 11 new programs in 2002 to meet the needs of the state:

- Certificate in Pharmacy Technology
- Certificate in Massage Therapy
- Certificate in Applied Science in Heavy Duty Transportation
- Certificate in Geographic Information Systems
- Certificate in Applied Ethics
- Associate in Applied Science in Radiologic Technology
- Associate of Applied Science in Logistics Operations
- Bachelor of Science in Medical Technology
- Bachelor of Arts in Early Childhood Education
- Bachelor of Arts in Philosophy
- Master of Public Health in Public Health Practice

* These programs will begin accepting students in Fall 2002.

ACCREDITATION - DEMONSTRATING CONTINUED PROGRAM EXCELLENCE

The National League for Nursing Accreditation took the unusual step of recommending to the Baccalaureate and Higher Degree Board of Review that the UAA School of Nursing be granted continuing accreditation for the maximum allowable time - eight years – with no interim reports required. This reflects both the excellence of the program and the trust placed in the faculty by the national accreditors.

The School of Social Work received a unanimous recommendation for an eight-year accreditation from the Council on Social Work Educators. Recognizing the strength of both the Bachelor's and Master's in Social Work programs, the review team also praised the faculty for their "leadership role in community engagement in the social service delivery system and applied research and scholarship in the state of Alaska".

The Department of Journalism and Public Communications received a unanimous recommendation for a six-year accreditation from the Accrediting Council of Educators in Journalism and Mass Communication. The department is "an exceptional small program" in the words of the site visit chair.

UAA ENGAGED IN THE COMMUNITY

The 2002 Rural Alaska Health Conference, "New Resources, New Opportunities: Rural Health in the 21st Century," was the first statewide gathering focused on rural health issues since 1993. In April, participants considered the current condition of Alaska's rural health system and learned about issues ranging from emerging telecommunications technology to health workforce issues and funding opportunities. Dr. Betty Duke, Director of the U.S. Health Resources and Services Administration, announced that \$10 million will be made available for rural health clinics in Alaska.

The UAA Complex Systems Lectures continued this spring with three visiting scholars: Dr. Julian Palmore (discussing military operation and dynamic systems), Dr. James Kennedy (showing computer simulations of social systems), and Dr. Richard Sole (addressing extinction and chaos in biosphere dynamics). This is part of UAA's developing emphasis on complex system theory and application, which is receiving national recognition.

As part of the UAA Complex Systems initiative, **Dr. Jerzy Maselko** brought scientists from all over the world to UAA in June for the first "Emergence in Chemical Systems" international conference. The *Advances in Complex Systems* journal will publish the conference proceedings in the Spring '03 issue.

Sixty-five airline executives attended a three-day workshop in March on "Operational Implications of Airborne Volcanic Ash: Detection, Avoidance and Mitigation". Co-sponsored by the UAA Aviation Technology Center and the National Weather Service, they learned the operational and coordinative procedures between Federal agencies for the prediction and tracking of airborne volcanic ash.

The Cold Regions Engineering Conference, sponsored by the American Society of Civil Engineers and UAA, was held in May. The conference theme, "Cold Regions Impacts on Transportation and Infrastructure," encompassed cold regions engineering issues in the lower 48 states as well as the northern regions of the world. The conference series is the only known venue that brings together all aspects of cold regions engineering, from infrastructure construction and transportation problems to frozen ground and water resource issues, from both research and applied engineering points of view.

Dr. Jill Crosby, collaborating with Brian Jeffery of Chicago, presented site-specific dances ("Look Again") in Anchorage, Fairbanks and Homer during June 2002. Various community partners and over 30 dancers participated to local and national acclaim. Community partners working with "Look Again" included the Alaska Design Forum, the Alaska Railroad Corporation, the Anchorage Museum of History and Art, Cyrano's Bookstore and Off Center Playhouse, the International Gallery of Contemporary Art, the Z.J. Loussac Public Library, the Bunnell Street Gallery (Fairbanks), the Chatanika Dredge Company (Fairbanks), and the Wells Street Art Company Gallery (Fairbanks).

In April UAA, in partnership with the Smithsonian Associates, presented three public lectures in the Anchorage Museum of History and Art as part of the Ford Smithsonian Scholars in the Schools program. The presentations were "Seeds of Change", "Volcanic Eruptions and Earthquakes in Alaska and Elsewhere", and "Homeward Bound: Native American Remains at the Smithsonian".

The Alaska Native Studies program, along with the UAA Chancellor's office, presented a four-part seminar series to commemorate the 30th anniversary of the Alaska Native Claims Settlement Act. The title of the event was: "ANCSA Revisited: A Fair and Just Settlement. . .". The seminars, presented between January and April, were round table discussions of the creation and impact of ANCSA with the original architects and participants. The series was videotaped for classroom use and for archiving in the new UAA library. Major sponsors of the event included Koniag Inc., First Alaskans, the Henry M. Jackson Foundation, and Arctic Slope Regional Corporation.

The first annual Alaska Native Oratory Society Speech Contest was held in March. Two divisions were available (high school and college students, and adults) with two emphasis areas: oratory and dramatic declaration. The program is designed to foster leadership among Alaska Native youth and adults, and is sponsored by First Alaskan Institute and At-Sea Processors.

The "Journey to a Hate Free Millennium" Conference was held in February, providing participants the opportunity to explore hate in its many forms, make connections between the different types, and create an action plan on how they can make their personal lives more welcoming and inclusive of people who are different than themselves.

The Office of Student Affairs and Disability Support Services hosted the Technology Access Summit in January. Staff from UAA, UAS, UAF, UA, and the Alaska Department of Vocational Rehabilitation attended. The topic of the summit was access to information technology for persons with disabilities. Tim Spofford, attorney with the Office of Civil Rights, Seattle, was the keynote speaker.

Author and poet Susan Griffin was the keynote speaker for Women's History Month in March. She publicly lectured about her book "The Private Life of War", and discussed her latest work, "The Book of Courtesans", at the Campus Bookstore. She has received an Emmy, a MacArthur Grant, and a grant from the National Endowment for the Arts.

In October the UAA Bookstore partnered with several UAA departments in hosting a reception and book signing for N. Scott Momaday, Pulitzer prize-winning novelist, poet, memoirist, scholar, and artist.

Chuck D, leader of the rap group Public Enemy and political activist, spoke to over 500 UAA students and community members at the Williamson Auditorium in February. His lecture addressed the importance of free media and information in a democratic society.

The Bookstores' UAA Faculty Authors Week in October was a very successful event, beginning with a reception honoring Dr. Robert Fortuine of the Biomedical Program and a performance by Shawn Lyons of the Music Department. Other faculty participants during the week were faculty authors John Strohmeyer, Jane Evanson, Ken Jones, David Yesner, Bernie Segal, James Donally, and Rosanne Pagano. Thirteen faculty members published books this year, adding to the existing 173 faculty-authored volumes.

FACULTY AND STAFF EXCELLENCE

Professor of Mathematics **Brian Wick** received the Chauvenet Prize for expository writing from the Mathematical Association of America. This is one of the most prestigious mathematics awards in the country. The award was given for the article, "A Stroll through the Gaussian Primes," written by Dr. Wick with Stan Wagon of Macalester College and Ellen Gethner of Claremont-McKenna College.

Dr. Steven Haycox, UAA professor of history, received the 2002 Edith R. Bullock Prize for Excellence from the University of Alaska Foundation. He recently published "Frigid Embrace: Politics, Economics, and Environment in Alaska", and his latest book "Alaska – an American Colony", is expected this year. His bi-weekly column in the *Anchorage Daily News* places Alaska history into a current and relevant context. The Bullock Prize is awarded annually to an individual whose contributions, either to the university or to the community through the university's programs, are distinguished by excellence. Dr. Haycox is a leading expert in Alaska history

The Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education named UAA faculty member **Dr. Ping-Tung Chang** the 2001 Professor of the Year in Alaska. Professor

Chang was selected from among a national field of 384 entries nominated by colleges and universities throughout the country. Professor Chang has taught mathematics at Matanuska-Susitna College since 1988.

Dr. Tina DeLapp, Director of the School of Nursing, received the 2002 Jo Eleanor Elliott Leadership Award from the Western Institute of Nursing (WIN). The award is given annually to a nurse who has directly or indirectly demonstrated outstanding leadership in furthering the goals of the Institute in practice, service, or education.

The School of Nursing was honored by the presentation of a legislative commendation submitted by Senator Loren Leman and Representative Sharon Cissna, commending the School of Nursing on the continued high quality of its nursing education programs and on efforts to extend access to those programs across the State. The presentation by Representative Cissna and Senator Leman was made at a luncheon attended by the Board of Regents and members of the 22nd Alaska State Legislature in March.

NurseWeek, Mountain West Region, named UAA faculty and staff as recipients of Nursing Excellence 2001 Awards. **Dr. Christina Mumma**, Professor of Nursing, was honored in the category of Teaching for her outstanding performance using a diverse array of instructional methods to students at all levels. **Mr. Daryl Young**, an alumnus of the UAA baccalaureate and Master's degree programs in Nursing and the current Director of the UAA Student Health Center, was honored in the category of Community Service in recognition of his work to develop an exemplary student health center on the UAA campus. Dr. Mumma and Mr. Young were selected as winners from a pool of over 200 nominees for these prestigious awards from Alaska, Arizona, Colorado, Nevada, New Mexico, Montana, Oregon, Utah, and Washington.

At the 18th annual statewide Prevention Symposium in October, the Barbara Bailey Prevention Award was presented to **Professor Cheryl Mann** for Outstanding Contributions to the Field of Substance Abuse Prevention in the State of Alaska. This is the most prestigious substance abuse prevention award in Alaska and follows on two previous statewide awards in the field of substance abuse received by Dr. Mann.

Brian Saylor, Director of the Institute for Circumpolar Health Studies, received the Alaska Public Health Association's 2001 Long-Term Service Award.

Dr. Sylvia Broady, Emeritus Professor in the Journalism and Public Communications Department, received the first Lifetime Achievement Award from the Public Relations Society of America, Alaska Chapter, at its 25th anniversary celebration in November.

Dr. Jo Ann C. McDowell received a Contribution to Literacy in Alaska (CLIA) Award for her development of the annual Edward Albee Last Frontier Theater Conference. The award presentation stated "This conference offers a venue for honoring important established playwrights and authors, and promotes the development of new writers and actors. Since it was founded in 1993 the conference has developed a national following. Your life is a wonderful example of one who promotes reading and the arts in Alaska." UAA also established the Dr. Jo Ann McDowell Theatre Scholarship this year to commemorate the tenth anniversary of the Edward Albee Theatre Conference, and Dr. McDowell's essential role.

The Department of Geomatics received the 2001 Special Achievement Award from the E.S.R.I. International User Conference in recognition for accomplishments in teaching, research and outreach in GIS.

Dr. Jill Crosby, Associate Professor in Theater & Dance, was selected by the Anchorage Concert Association for its "Educator of the Year" award.

Gary Cohn, Atwood Professor in Journalism and Public Communication, was a finalist for the Pulitzer Prize in the National Reporting category for his work on the *Baltimore Sun* series "Of Patients and Profits". This is his third Pulitzer nomination.

Campus Life Director **Annie Route** received the 2002 Outstanding Service Citation from the National Association for Campus Activities.

Lyn Stoller, Disability Support Services Director, received the 2001 National Association of Student Personnel Administrators (NASPA) Region V Mid-Level Student Affairs Professional award. The award was presented at the

UA Board of Regents Meeting on December 6. Lyn has also been nominated for a national award in the same category. Air Force Reserve Officer training Corps (AFROTC) Commandant of Cadets **Major Mark Hiryak** won an award for best training officer in AFROTC Northwest Region.

The UAA Residence Hall Association (RHA) won the Pacific Association of College and University Residence Halls regional Building Block Award from the PACURH February 8 -10 at Washington State University. UAA falls into same region as California, Hawaii, Nevada, Washington, British Columbia, and the Yukon. This is one of the biggest awards that a new RHA organization can receive.

Ginger Steffy, Director of KPC, has received the Alaska Association for Career and Technical Education 2001 Leadership Award.

The Career Services Center Student Internship Program received a Municipality of Anchorage Proclamation from Mayor George Wuerch. April 14 through April 20, 2002 was declared "Student Internship Week." Employers participating in internship programs include Mikunda, Cottrell & Co., Department of Veterans Affairs, American Russian Center, Phillips Alaska, CHI Alaska, State of Alaska, Division of Oil and Gas, and Udelhoven Oilfield Systems.

The UAA Grounds Department won the 2002 Community Award from the Alaska Chapter of American Society of Landscape Architects for its outstanding job in maintaining the UAA landscape and the educational opportunities provided by the extensive collection of plant materials.

UAA'S ALUMNI - EXCELLING IN THE COMMUNITY

Fourteen UAA alumni and staff were members of the "Top Forty Under Forty" selected by the Alaska Journal of Commerce. These individuals include Tom Anderson (Alaska Strategic Consultants), Sheri Buretta (Chugach Alaska Corporation), Denali Daniels (Commonwealth North), Lorie Dilley (Hattenburg and Dilley LLC), Monica Gere (Impact LLC), Rada Jones (Sourdough Productions), Christine Klein (Stevens International Airport), Dale Martens (Denali Foods Inc.), Sophie Minich (CIRI), Cindy Mittlestadt (Alaska Support Industry Alliance), Christopher Neros (First National Bank Alaska), Kimberly Olson (CIRI), Tim Thompson (KTUU News), and Ky Holland (Applied Technologies, UAA).

The 2002 UAA Alumni Association Awards included: Lyn Stoller, Disability Support Services director, and Stella Josephine, Small Business Development Center (Staff Awards for Excellence), Mike Dingman, USUAA President, (Student Spirit Award), Dr. Hilary Davies, Mathematics Department (Distinguished Teaching Award), Kathie Bethard and Jay Poss (Community Service Awards), and Greg Gursey (Alumnus of the Year).

REMARKABLE STUDENT SUCCESS

Seawolf Speech and Debate team members Ben Garcia and Chris Richter won the 2002 National Parliamentary Debate Association's national championship, triumphing over 282 collegiate teams. They each received a key to the City of Anchorage, and "debate fever" swept the UAA campus.

Barbara Farmer, Theater Department major, won national honors in lighting design at the Kennedy Center American College Theater Festival, Bellingham, Washington. Barbara traveled to the Kennedy Center in Washington, D.C. in April to display her design.

The Poynter Institute has accepted **Shana Sheehy**, a senior in the Journalism and Public Communications (JPC) Department at the University of Alaska Anchorage, as one of 30 outstanding graduating college journalism students in the United States. She is the first journalism student from Alaska to be chosen to participate in the prestigious Poynter program.

With 12 student-athletes named to the **WCHA all-academic team**, UAA had the most academic honors of any team in the league. Honorees were junior Petr Chytka, sophomore Chris King, senior Eric Lawson, sophomore Vladimir

Novak, sophomore Kevin Reiter, junior Morgan Roach, sophomore Tyler Schnell, senior Mike Scott, junior Matt Shasby, sophomore Dallas Steward, junior Steve Suihkonen and senior Gregg Zaporzan. Chytka, Roach, Scott, Shasby and Zaporzan were repeat honorees.

UAA students won three first-place awards at the statewide Alaska Press Club annual competition. The student radio station KRUA received the award for “One Time Special Public Affairs Programs – Radio” for coverage of September 11. The *Northern Light* student newspaper won for “Best News Photo in a Non-Daily Newspaper” and “Best Informational Graphic in a Non-Daily Newspaper”.

KPC student **Dominique Bonaventure** was selected as a 2002 New Century Scholar as a part of the All-USA Academic Team competition. He will receive a \$2000 scholarship funded by the Coca-Cola Foundation.

The UAA chapter of the Sigma Alpha Epsilon was chosen by their national fraternity to participate in the True Gentleman Initiative. Only 10 other chapters in the United States are selected to participate. The fraternity members developed a portfolio of their accomplishments over the period of their time involved with the fraternity, to encourage leadership development, and connect their college experiences with real life applications.

The team of **Julia Maximova** and **Victor Bakumenko**, with only two months experience, received an Honorable Mention (4th place) in the Java competition at the Association for Information Technology Professionals National Collegiate Conference competition, defeating more than 50 other teams.

CELEBRATING UAA’S GRADUATES

UAA awarded 1,342 degrees and certificates in academic year 2002. Commencement in Anchorage saw the Sullivan Arena filled to capacity, with 1,160 students receiving certificates and degrees, including 117 students master’s degrees. Artist Diane Tillion of Halibut Cove received a Honorary Doctorate of Humane Letters. Emeritus status was awarded to 8 distinguished UAA faculty and staff – Dr. Hayden Green, William Jacobs, Kate Sandberg, Judith Petersen, Nancy Schafer, Ron Crawford, Ginger Steffy, and Al Okeson. UAA also celebrated the first three graduates from the University Honors Program, in which students excel in academics and community service.

The Kenai Peninsula College Process Technology program graduated its first class this spring, with 37 students receiving an Associate of Applied Science degree. Of the 26 enrolled students, 23 are employed in the oil industry.

UAA’s Air Force ROTC program graduated its first class this year, with 29 cadets becoming commissioned second lieutenants upon their graduation.

UAA’S NEW ACADEMIC LEADERS

Several colleges received new academic leadership in 2002. New deans include **Dr. Robert Lang** for the College of Engineering, **Thomas Case** as Interim Dean of the College of Business and Public Policy, **Elizabeth Sirles** as Interim Dean of the College of Health and Social Welfare, **Paul Dauphinais** as the Director of Matanuska-Susitna College, and **Gary Turner** as Director of Kenai Peninsula College.

BUILDING AN ENVIRONMENT FOR EXCELLENCE

Construction of the new “Library of the 21st Century” began in May, with completion scheduled for Spring 2004. Encompassing nearly 200,000 square feet, the new addition will provide critically needed space to house, expand, and preserve the Library’s print and archival collections, the Alaska Resources Library and Information Services (ARLIS), the Alaska Moving Image Preservation Association (AMIPA) collections, and will house UAA’s Health Sciences Information Services. State of the art networks will connect the students, the faculty, and the library to the world.

On January 10th the university celebrated the opening of the new parking garage (with 297 parking spaces) and connecting walkway. This \$8 million structure is the first part of the \$44.8 million Library of the 21st Century. Students and staff can now walk for half a mile in an enclosed “spine” – the longest enclosed walkway in Alaska.

In June, UAA purchased 90,000 square feet in the University Center mall in midtown Anchorage. This space will house Community and Technical college programs, workforce development classes, and the university's new gateway entrance with "one-stop" services for students. All programs will move into the new space in late 2002. This is a major step in mitigating UAA's continuing space constraints.

UAA staff visited four "one-stop" student service operations around the country to view best practices to assist in planning the development of the new "Student Information Center" in the renovated University Center.

The Seawolf Shuttle bus service became fully operational in the fall 2001 semester from 7:00 am to 7:00 pm Monday through Friday, easing many of the construction and parking dislocations across the campus. The Shuttle service will be instrumental in tying the campus to the new University Center facility when it opens in January 2003.

ATHLETICS - GO SEAWOLVES!

UAA senior **Aurore deMaulmont** won the women's giant slalom event at the 2002 NCAA Ski Championships, becoming UAA's first individual national champion since 1997. Three other UAA skiers attained All-America status (top 10 in each event) at the Championships – Eric Strabel (second in 20K freestyle and sixth in 10K classical); Tobias Schwoerer (fourth in 20K freestyle and fifth in 10K classical); Leslie Boyd (seventh in women's 5K classical).

Tobias Schwoerer was selected as the 2002 UAA Athlete of the Year at the annual awards banquet on May 3 at the Anchorage Hilton Hotel. Schwoerer earned NCAA All-America and Academic All-America honors in both cross country and skiing this past year – a feat unparalleled in the history of UAA athletics. Schwoerer, a junior from Lenzkurch, Germany, became the 18th recipient of the coveted award.

The inaugural class of the Seawolf Hall of Fame was inducted in ceremonies at the UAA Sports Center on Oct. 14. They include five former UAA student-athletes - gymnast Teri Frankie-LaVallee, men's basketball player Hansi Gnad, women's basketball player Robin Graul, hockey player Dennis Sorenson and volleyball player Tracy Zink - along with former ski coach Tom Besh and administrator Dr. Lee Piccard.

UAA successfully hosted the 2002 NCAA Ski Championships, March 6-9, at Kincaid Park and Mt. Alyeska. Denver won the team title. UAA finished 10th, their 18th straight top-10 national championship finish.

The Seawolf men's cross country team earned its first berth in the NCAA Division II Track and Field Outdoor Championships. **Sean Rivers** finished tenth in the 10,000 meter event.

The 24th annual Carrs/Safeway Great Alaska Shootout was held Nov. 20-24, at Anchorage's Sullivan Arena. This year's women's field included UAA, Gonzaga, Iowa and Marquette. The men's event included UAA, Gonzaga, Indiana, Marquette, Oregon State, Tennessee, Texas and St. John's. Four of the men's games were televised live nationally on the ESPN cable television network.

Denver was crowned champion of the 2001 Nye Frontier Classic, held on Oct. 12-13 at the Sullivan Arena. Other teams included host UAA, Boston College, and Northeastern University. UAA skated to a thrilling 4-4 tie with defending NCAA national champion Boston College in the Homecoming game.

Bell Jordan, center of the women's basketball team, capped her outstanding season by being named to the Great Northwest Athletic Conference First Team All-Conference. She led the league in scoring and was second in rebounding.

Stephanie Johnson, a senior in the baccalaureate nursing program, was named to the All-Academic Team of the Great Northwest Basketball Conference; Ms. Johnson has a 3.97 cumulative GPA.

University of
Alaska
Fairbanks





UAF's institutional accreditation was reaffirmed by the Commission on Colleges and Universities of the Northwest Association of Schools and Colleges, continuing a tradition that began in 1934 when UAF was first accredited. UAF was commended on progress toward the future despite a decade of retrenchment. The infusion of resources from the state helped UAF reduce its deferred maintenance list by nearly one-third, and progress has been made on the goals of the Strategic, Academic, and Master plans.

Overall enrollment gains were posted in FY02 with student headcount up 4.0 percent and student credit hours up 4.2 percent. UAF celebrated its 80th commencement in May 2002 by granting more than 900 degrees. Among those receiving degrees were the first 12 graduates of the two-year process technology program, and 15 students from the Tanana Valley Campus' Registered Nursing program, taught in conjunction with the UAA School of Nursing. UAF also graduated the first two students in the new Master of Arts rural development program. More than 100 students have received similar rural development degrees and 90 percent are currently employed in more than 69 rural communities. The Bristol Bay Campus in Dillingham graduated its first student receiving a Bachelor of Arts in social work. UAF's social work program is one of only a few such programs in the country to be offered entirely by distance education, and is fully accredited by the Council on Social Work Education.

UAF was awarded a grant totaling \$11 million over five years to establish an Alaska Native Health Research Center and Center of Biomedical Research for Excellence in Alaska. Participants include the UAF psychology department, the Institute of Arctic Biology, the Center for Circumpolar Health Studies and the Norton Sound Native Corp. Circles of Care, Alaska Natives in Psychology, and the People Awakening Project are all psychology department-based applied research grant projects that address mental and social health issues in Alaska, particularly among Alaska Native peoples.

Private donations to UAF in FY02 totaled approximately \$4 million. Major gifts include the Pollock Conservation Cooperative's continuing pledge of more than \$1 million annually to the Pollock Research Center and the Alaska Fisheries Faculty Chair funds. Fourteen new scholarships were established in FY02, ten of those endowed. More than half a million dollars were awarded to UAF students from privately funded scholarships, benefiting more than 300 students. Restricted bequest gifts (gifts from estates) brought in more than \$50,000, most of which went into student scholarship funds. The unrestricted Chancellor's Legacy Fund has accumulated \$390,000, with a goal of \$1 million. Annual Fund donations increased by 57 percent over last year, the second-highest total for the last five years; the number of individual donors also increased by more than 50 percent over last year.

Under an agreement with Cray Inc., the Arctic Region Supercomputing Center installed the only Cray SX-6 in the United States. For twelve months, the center will make this system available for testing and evaluation to the wider high performance computing community that might not otherwise have access to this technology. The SX-6 system has the same fundamental technology found in the Japanese Earth Simulator, currently the fastest computer in the world. Initial testing of the SX-6 on benchmark codes showed a one-to-two order of magnitude speedup over high-end U.S.-manufactured systems.

Four new degree or certificate programs were approved by the UA Board of Regents: a certificate in health care reimbursement, a Master of Software Engineering, a Master of Science in computational physics and a Doctor of Philosophy in engineering. The School of Education implemented two new distance-delivered undergraduate elementary education degrees throughout rural Alaska and two new alternative licensure programs to meet the requirements of Alaska Senate Bill 86.

GROWTH AND ACHIEVEMENT

The College of Science, Engineering and Mathematics received approval from the UA Board of Regents to create the Center for Nanosensor Technology (CNT). CNT is devoted to building faculty expertise, equipment, and laboratory infrastructure in microelectronic manufacturing and nanoscale science and engineering. CNT received its first research

grant of \$1.4 million from the Defense Microelectronic Activity (DMEA) to develop a plan to build capabilities for the design and manufacturing of microsensors with defense and Alaska applications. DMEA, part of the Department of Defense, develops and incorporates strategic solutions to address problems of microelectronic technology.

UAF is the newest member of the Inland Northwest Research Alliance, formed to facilitate new research and national partnerships between member institutions, the private sector, and federal agencies and laboratories. The Arctic Energy Technology Development Laboratory reached an agreement with the U.S. Department of Energy to bring in as much as \$24 million in federal funds to develop alternative energy sources and power delivery to rural Alaska.

The University Fire Department was awarded \$436,888 in grants from the Federal Emergency Management Agency's Fire Act Direct Assistance to Firefighters. The grants were for a new fire tanker truck and self-contained breathing apparatus. The UAF Police Department instituted a K9 officer program. Officer Briko, a Belgian Malinois, and handler Officer Kurt Lockwood graduated at the top of a statewide class provided by the Alaska State Troopers.

Laura Milner, School of Management, and James Ruppert, College of Liberal Arts, were named Fulbright Scholars. Milner taught at the University of Cape Town in South Africa; Ruppert taught at the University of Erlangen-Nurnberg in Germany.

Professor and 4-H Program Chair Jim Douglas received the 2002 Emil Usibelli Distinguished Service Award. Douglas helped lead the successful UAF for Youth campaign, promoting the ties between the university and 4-H, and providing a vital educational opportunity for 4-H teens to be involved in the public policy process. The Usibelli award for research went to Larry Duffy, who holds joint appointments with the Department of Chemistry and Biochemistry and the Institute of Arctic Biology, and serves as the associate dean for Graduate Programs and Outreach in the College of Science, Engineering and Mathematics. Duffy's research in Alzheimer's disease and wildlife-related environmental health studies has had major national and international impact on both areas of study. Math instructor and UAF alumnus Marty Getz received the teaching award for his ability to translate the complex and often intimidating equations of calculus into easily understood concepts. Students consistently rank him as one of UAF's best teachers, even though some of his courses are among the toughest they must tackle. Each award winner received \$10,000 in recognition of outstanding contributions to the university.

Eight School of Management students were selected for the highly competitive Permanent Fund internships located throughout the U.S. UAF students garnered the lion's share of eight out of nine internships available.

UAF added online registration and fee payment to the list of services students can receive over the Internet. Students can register and pay for their classes, parking, insurance and books. University Relations (UR) worked closely with Admissions and Student Services on student recruitment and retention efforts, resulting in the new virtual tour that offers prospective students and visitors an online look at UAF. UR also launched a statewide advertising campaign and new recruiting video aimed at classic first-time freshmen.

UAF and the UA Museum were both named in *Alaska* magazine's "Best of Alaska" list. Readers named the UA Museum Alaska's best museum and UAF's trail system as the best ski trails in the state.

Several UAF faculty and scientists garnered national and international attention in important newspapers and magazines, both as authors and as experts in their fields. For example, UAF scientists were featured in the *New York Times* for their expertise on the Hubbard Glacier and global warming. Professor Jeff Freymueller and graduate student Qizhi Chen published a paper in the October 19, 2001, issue of *Science Magazine*, presenting data that indicate the Indian subcontinent is colliding with Eurasia. Earth Sciences Curator and Associate Professor of Geology Roland Gangloff co-authored a perspective article on paleontology in the February 8, 2002, issue of the journal *Science* titled "Polar Dinosaurs." Paul Matheus, of the Alaska Quaternary Center and the Institute of Arctic Biology, also co-authored an article about the evolution of brown bear in the March 21, 2002, *Science* issue. The Institute of Marine Science's Bruce Finney received wide recognition for his findings about the relationships between past climate and its effects on salmon populations; his article appeared in the April 18, 2002 issue of *Nature*. Sarah Fowell, a faculty member in the Department of Geology and Geophysics, co-authored a May 17, 2002, article in *Science* that examined the ecological conditions surrounding the dinosaurs' rise to dominance during the Jurassic period.

INFRASTRUCTURE CHANGES

In FY02, UAF made great headway in addressing deferred maintenance and renovation needs. The \$13 million Duckering Building renovation project was completed and reopened as a modern engineering center, home to all of UAF's engineering instructional and research programs. Modern communication systems, smart classrooms, and equipment worth more than \$750,000 were included in the renovation project to provide the necessary infrastructure for 21st century engineering instruction at UAF.

The \$5.6 million Brooks Memorial Mines Building renovation project was completed on time and under budget. The building will become the center of education for rural and Alaska Native students. Site work for the UA Museum expansion project was completed and a groundbreaking ceremony for the \$32 million facility occurred on June 14, 2002.

The Taku stairway from the Farmer's Loop parking lot was replaced with a switchback sidewalk, while new sidewalks and lighting improved student access from the upper residence halls to the campus core. The \$186 million Rasmuson Library renovation project saw the completion of work on the sixth floor. The entire project is scheduled for completion by October 2003.

Student Services purchased over \$300,000 worth of new furniture for family housing. The newly remodeled Hess Recreation Center (\$300,000) opened with heavy usage for meetings, social events, conferences, and training sessions.

CHANGES IN LEADERSHIP

John C. (Jake) Poole was appointed special assistant to the chancellor for athletics; he remains director of the Tanana Valley Campus. **Bernice Joseph** was named executive dean of the College of Rural Alaska. Joseph worked as an assistant professor in UAF's Department of Alaska Native and Rural Development from 1994-1999, and she holds a master's degree in business administration from UAF. **Carol E. Lewis** became dean of the School of Agriculture and Land Resources Management and director of the Agricultural and Forestry Experiment Station. Lewis had served as interim dean since July 2000. College of Rural Alaska Executive Dean Bernice Joseph named **Margaret (Peggy) Wood** as acting director of the Northwest Campus. **Sukumar Bandopadhyay** was named dean of the School of Mineral Engineering. He had served as interim dean since July 2001 and has been at UAF since 1982 as a professor and department head. **Frank Williams** returned full time to his duties as director of the Arctic Region Supercomputing Center. Williams held a dual appointment as ARSC director and administrative services vice chancellor since 1999. **Mark Neumayr**, the senior associate general counsel for the University of Alaska, stepped in as interim vice chancellor for administrative services. Neumayr has been with the university since 1982, serving in a variety of positions in the general counsel's office. **Kathleen Schedler** was promoted to associate vice chancellor for facilities. **Kate Fenton**, a long time UA and UAF employee, announced her retirement as the director of UAF's financial services department. **Joe Trubacz**, who has held numerous positions at both UAF and UA, was hired as her successor. Grant and Contract Services also has a new leader; **Maggie Griscavage** started with UAF in fall 2001 as the assistant director. **Curt Madison** became the new director of the Center for Distance Education and Independent Learning. **Robert Medinger** was appointed director of the Kuskokwim Campus. Ron Pierce served as interim director of Dining Services before being replaced by **Robert Holden**.

University registrar Ann Tremarello retired after a nearly fifty-year association with UAF. Dean of Student Services **Carla Kirts** retired and was replaced by Interim Dean **Don Foley**, who remains the director of judicial services. **Cindy Branley** resigned her position as UAF Alumni Association executive director.

ACADEMIC DEPARTMENT SUMMARIES

COLLEGE OF RURAL ALASKA (CRA)

CRA includes rural campuses in Bethel, Nome, Dillingham, and Kotzebue. CRA, based on the Fairbanks campus, is also responsible for oversight of the Center for Distance Education, the Cooperative Extension Service, the Department of Alaska Native and Rural Development, the Interior-Aleutians Campus, and the Tanana Valley Campus.

CRA took over the statewide coordination of the early childhood program. CRA received three significant grants: \$270,000 per year for three years for a Health Education Training Center with a focus on behavioral health and medical reimbursement; \$2.5 million from the U.S. Department of Labor for a Rural Career Pathways project; and \$350,000 from the Alaska Department of Health and Social Services for behavioral health.

The \$9.4 million, five-year U.S. Department of Education Title III awards continue to strengthen developing institutions such as UAF's community campuses. UAF's tribal management degree was expanded with Title III funds. A new faculty member was hired, allowing CRA to offer the program on the CRA cross-regional schedule as well as establishing and teaching several new cohorts of students at various sites in the region. CRA is working with the Alaska Department of Community and Economic Development to consider how the tribal management program might be broadened to meet the need for rural utility managers.

Bristol Bay Campus (BBC)

BBC graduated fifteen postsecondary students in spring 2002. BBC's Adult Basic Education program (ABE) completed its 20th year of operation and graduated twenty-one GED students. The ABE/GED program was funded by a \$106,420 grant from the State Department of Education.

BBC received a \$400,000 grant from the U.S. Department of Housing and Urban Development (HUD) to provide training in construction and technology for eight distressed communities in Bristol Bay. This grant will also enable the campus and its partner, the Southwest Vocational and Educational Center (SAVEC), to provide streaming video of HUD-related instructional material. BBC and SAVEC also began jointly serving the Bristol Bay region for the first time through the King Salmon vocational training program. The partnership provided twenty-three credits of vocational training and 1.5 Continuing Education Units of training to eighty-three students.

BBC received a \$100,000 National Oceanic and Atmospheric Administration grant to strengthen student access to the land management/renewable resources program by adding student services staff and hiring an academic program director. BBC and the Interior-Aleutians Campus began a new program under the \$1.8 million, five-year, Hutlee-Umyarchdelee National Science Foundation math, science, engineering, and technology grant in spring 2002.

BBC and its partners – Bristol Bay Native Association, Bristol Bay Economic Development Corp., Bristol Bay Housing Authority, and SAVEC – developed a statewide memorandum of agreement with the Alaska Vocational and Technical Center (AVTECH) to provide computer technology instruction to Bristol Bay residents and credits toward the UAF's microcomputer support specialist program.

Center for Distance Education (CDE)

Independent learning registrations increased in FY02 to 4,568 enrollments—up 14 percent from the FY01 registration count of 3,994. New learning technologies were explored and acquired, including two-way voice-over using the Internet and improved videoconferencing techniques. Faculty development and training have been initiated in technology enhanced instruction, and an extensive effort was launched to review all independent learning course offerings, instructor quality evaluations, and delivery modalities.

CDE assumed management of the Alaska Starband Education Project for the Alaska Distance Education Technology Consortium. CDE also took over the scheduling and system design of the statewide Alaska Three satellite education delivery system.

Chukchi Campus (CC)

CC held the first of two summer sessions resulting from the Title III grant, and participated in the North Slope Borough and Northwest Arctic Borough Arctic Economic Development Summit 2002 that, among other things, established guidelines for resource development based on Inupiat values.

Cooperative Extension Service (CES)

Alaska 4-H served more than 15,000 youth in 2001. CES made 67 public presentations in six communities. Through these presentations and other contacts such as phone calls, office walk-ins, and fair booths, more than 7,780 clients were reached during the 2001 summer season. The extension forestry specialist and land resources faculty provided 126 hours of consultation to individuals, agencies, and organizations, reaching more than 480 clients on topics which included urban forestry, invasive weeds, pesticide and herbicide issues, and soil and nutrient management. Two land resources agents taught 29 hours of workshops reaching 574 people, covering topics from village drinking water and watersheds to issues affecting homeowners. Agents provided 925 hours of consultation to individuals, agencies, and organizations, reaching more than 5,680 clientele on topics including water quality environmental issues. More than 5,000 newsletters on topics from forestry to water quality were distributed. Collaborating with the College of Rural Alaska, CES continues work on the USDA Higher Education grant, which funds the development of regionally responsive natural resources-related curriculum addressing mathematics and science competency for rural high school students.

CES' agronomy specialist and the Kenai Peninsula land resources agent collaborated with the Norwegian Crop Research Institute to test new alternative forage crops for better yield and winter hardiness. Trial results indicate that properly managed "Apelsvoll" orchardgrass should at least double yields and subsequent returns to hay producers.

Department of Alaska Native and Rural Development (RD)

RD graduated thirteen B.A. students and two M.A. graduates in 2002. The RD program hosted a visiting faculty member and Northern Momentum Scholar from the University of Tromso, Norway. RD offered travel/student experiences to the first session of the United Nations Permanent Forum on Indigenous Issues in New York and to the U.N. Working Group on Indigenous Populations in Geneva, and hosted the 13th Inuit Studies Conference, attended by more than 200 scholars and indigenous peoples from the circumpolar North. Five weeklong seminars were held in both the B.A. and M.A. programs.

Interior-Aleutians Campus (IAC)

The Title III grant, now in its third year, has created several new opportunities for IAC, including a para-educator certificate in collaboration with the Iditarod School District. In FY02, teacher aides began taking courses that build to an Associate of Arts degree. The degree program was instrumental in developing a Math Science Partnership grant and offering a practical response to the No Child Left Behind legislation.

Kuskokwim Campus (KuC)

KuC conferred sixty-six GEDs, twenty-seven certificates, and ten associate, three bachelor's, and one master's degrees in May 2002. The adult basic education program (ABE) had 197 full-time students and began a partnership with the Coastal Villages Region Fund and the Association of Village Council Presidents to implement village-based ABE programs. Student services continued to improve with the hiring of a mental health counselor and increased support services.

Northwest Campus (NWC)

NWC received a U.S. Department of Education Talent Search grant to begin fall 2002 to increase the enrollment and retention of secondary and postsecondary students in college courses. NWC has formally agreed to share learning centers in Savoonga and Unalakleet with Kawerak Inc., and continues to work with the Kawerak Inc. Head Start program to help employees meet the federal requirement to have associate degrees by 2003. Through the Title III grant, NWC student service workers visited all of the regional communities, with the goal of two visits to each

community per semester, resulting in higher recognition for the campus in the outlying communities and increased retention of students in postsecondary courses.

Tanana Valley Campus (TVC)

At the May 2002 commencement, a record 250 certificates, Associate of Arts, and Associate of Applied Science degrees were conferred on TVC graduates. TVC graduated its first twelve students in process technology, a two-year program that trains students for employment in the Alaska oil and gas processing industry. In spring 2002, TVC boasted an eleven percent increase in enrollment over the previous spring. TVC Workforce Development revitalized its training programs by forging successful partnerships with the Fairbanks Native Association, the Alaska Department of Labor, and Public Assistance in preparing students to return to the workforce. The program had a seventy-three percent success rate of graduates obtaining employment. TVC continued to have a 100 percent employment rate in its paralegal, culinary arts, and aviation maintenance programs, and an average of over seventy percent for all programs.

COLLEGE OF LIBERAL ARTS (CLA)

The Arts of Democracy Project is federally funded under the Fund for the Improvement of Postsecondary Education. This grant contributes to the creation of an informed Alaska citizenry, critical to making wise political and economic decisions and to building future leadership. Norm Swazo, a professor in the Department of Philosophy and Humanities, led UAF as one of ten colleges selected to participate in the curriculum and faculty development of the project.

Music professor John Harbaugh and the UAF Jazz Ensemble performed at the University of Notre Dame Jazz Festival in South Bend, Indiana.

The Alaska Native Language Center received a \$1 million five-year grant from the U.S. Department of Education to fund eight fellowships and scholarships for work in linguistics and Native language education.

COLLEGE OF SCIENCE, ENGINEERING AND MATHEMATICS (CSEM)

Assistant Professor James Gardner of the geology and geophysics department received the 2002 Wagner Medal from the International Association of Volcanology and Chemistry of the earth's interior for his outstanding contributions to the study and understanding of volcanic rocks.

CSEM expanded its second annual summer science camp for middle and high school students from throughout the state, with more than seventy students participating. The Alaska Science Research Academy was offered as weeklong residential camps on the Fairbanks campus with the first week focusing on science and the new second week focusing on engineering. The faculty and staff were drawn from the engineering, science, mathematics, and computer science faculty and student body.

SCHOOL OF AGRICULTURE AND LAND RESOURCES MANAGEMENT (SALRM)

Reindeer herding is becoming increasingly important as a ranching enterprise along the Alaska road system and the Railbelt. SALRM's research targets the problem of caribou "stealing" reindeer from Seward Peninsula herds. SALRM is also investigating properties of the forests of Alaska to learn more about fire management.

The Agricultural and Forestry Experiment Station (AFES) provides natural resource analysis related to spruce bark beetle damage, re-vegetation of mined areas, and the impacts of natural resource development in Alaska.

Professors Perry Barboza and John Blake have developed a way to provide cost-effective, reliable feed to developing herds of musk ox and reindeer. As a result of their work, UAF has signed a licensing agreement to produce and distribute the product that will help animal herders in rural Alaska.

SCHOOL OF EDUCATION (SOE)

SOE is responding to the state's teacher shortage by expanding its programs. Enrollments in FY02 (FY01 enrollments in parentheses) were: elementary, eighty-two (fifty-one); secondary, thirty-nine (twenty-six); and graduate, sixty-seven (thirty-seven).

In summer 2002 SOE provided fifty-seven summer school courses for teachers and teacher education students. Included were extended institutes in reading, writing, science education, special education, "Best Practices in Teaching and Administration," and gifted-and-talented education.

SCHOOL OF FISHERIES AND OCEAN SCIENCES (SFOS)

Alaska is in the midst of a statewide salmon crisis, both in terms of the number of salmon returning to the state and their economic importance. SFOS scientists are engaged in salmon research on several important fronts. Paula Cullenberg, a Marine Advisory Program agent and Bristol Bay salmon setnetter, is leading an effort with UAA and UAS to assist salmon fishermen with workshops on topics such as job training, direct marketing, and restructuring of the salmon industry. Anthony Gharrett of the fisheries division is conducting genetic studies of southeast Alaska's salmon as part of the U.S./Canada Salmon Treaty. Knowing the provenance of salmon helps managers better regulate the fishery and boost returns.

The Fisheries Division's Gordon Kruse is studying the size of mature walleye pollock. Results of the study will help managers set more precise catch limits while protecting undersized pollock. Scientists at the Fishery Industrial Technology Center in Kodiak found that fishmeal made from the byproducts of fish food processing is equal in quality to meals made from whole fish in non-food fisheries. The finding will open new markets for Alaska fishmeal.

SCHOOL OF MANAGEMENT (SOM)

The Summer Finance Camp was once again an overwhelming success. Twenty students attended the 2002 High School Summer Finance Camp while thirty-five students attended the 2002 Middle School Summer Finance Camp. SOM's financial education program established the David Rose and Bob Gillam scholarships. These awards are funded by the UAF Student Investment Fund to encourage local high school students to study business and finance at UAF. Each scholarship is worth \$1,000 and is divided between the fall and spring semesters.

SCHOOL OF MINERAL ENGINEERING (SME)

The demand for SME graduates continues to grow; SME has a 100 percent placement record of its graduates. Every student who received a degree in mining, geological, or petroleum engineering found full-time professional employment in the mineral industry in the state of Alaska.

Petroleum engineering students over the years have excelled at state, national, and international levels of the "Student Paper Contest" of the Society of Petroleum Engineers. Jonathan Packer, an undergraduate petroleum engineering student, won first place in the combined B.S/M.S division. Packer also represented UAF at the "International Student Paper Contest of the Society of Petroleum Engineers."

In partnership with British Petroleum, the U.S. Department of Energy, and three other universities, SME faculty are working to develop new technology and processes for reforming natural gas to liquid. The technology is based upon efficient transport of oxygen at high temperature across a ceramic membrane. The strategic alliance enables the industry to obtain Alaska project-specific research inputs from UAF scientists in specialized areas and offers a model of cooperative research between industry and academic research centers.

Sukumar Bandopadhyay, professor of mining engineering and dean of the School of Mineral Engineering, was designated a "distinguished member" of the Society for Mining, Metallurgical and Exploration by the American Institute of Mining, Metallurgy, and Petroleum Engineers. The classification honors members who have attained eminence in the industry or the academic world, or who have made unusually significant contributions to the profession.

RESEARCH INSTITUTE HIGHLIGHTS

ARCTIC REGION SUPERCOMPUTING CENTER (ARSC)

Through several partnerships, ARSC is diversifying the expertise, knowledge, and research available at the center. The center is currently involved in partnerships with the Institute for Systems Biology, the Maui High Performance Computing Center, the U.S. Army Cold Regions Test Center, and the U.S. Army Engineer Research and Development Center Major Shared Resource Center. Projects with these organizations include investigations in proteomics and genomics, regional weather modeling and supercomputing architecture.

ARSC installed a Cray SX-6 and an IBM Regatta during FY02 and continues to operate a 272-processor Cray T3E, a 32-processor Cray SV1ex, and a 200-processor IBM SP. By virtue of these assets and in-house expertise, ARSC has developed and maintained diverse partnerships with government and private organizations. ARSC also acquired a high end Access Grid Node at UAF. It allows UAF participation in national communication venues in support of research and education.

Visualization specialists created an aviation safety visualization of the airspace over the state of Alaska for use by military and civilian pilots. The program uses digital elevation data to show the Alaska terrain, as well as colored markings to indicate flight path restrictions. A version of the program was delivered to pilots at Eielson Air Force Base where it is currently being tested for use in training flights.

GEOPHYSICAL INSTITUTE (GI)

Will Harrison received the title of fellow from the American Geophysical Union (AGU). Less than one-tenth of one percent of AGU member receives this honor.

GI commercially released Aurora Alive™, a middle school multimedia science curriculum developed with funding from the U.S. Department of Education. Aurora Alive™ is comprised of an interactive CD-ROM and a comprehensive manual of classroom lessons for high school science and mathematics students studying the northern lights.

The Atmospheric Science Group's mesoscale modeling and applications group is developing an in-flight icing application that will provide real-time icing data to Alaska's aviators and forecasters. Aviators will be able to access the data from participating Alaska airports.

In collaboration with the Alaska Earthquake Information Center at GI, the U.S. Geological Survey has enlarged the strong-motion seismic network in Anchorage and will install new networks in Fairbanks, Juneau, Valdez, and Kodiak. Information processed from the new seismic networks will provide important information on the most heavily shaken areas to assist Emergency Services during any future Alaska earthquakes.

GI installed a new satellite-receiving antenna atop the International Arctic Research Center. The antenna collects data from the moderate resolution imaging spectroradiometer, an instrument carried aboard two polar-orbiting NASA satellites: EOS Terra and EOS Aqua. Researchers, state agencies, commercial fishermen, wildfire crews, and others will use the data to detect the location of hotspots within wildfires, determine the extent of spruce bark beetle damage, assess phytoplankton abundance and health in Alaska's oceans, and interpret climate variability patterns in the state.

GI and Arctic Region Supercomputing Center researchers have developed a real-time ionospheric model to predict space weather conditions, allowing predictions of significant deflections in electromagnetic waves. This is important to GPS and other locating technologies. GI and ARSC researchers simulate tsunami initiation, propagation, and run-up in coastal regions of Alaska.

INSTITUTE OF ARCTIC BIOLOGY (IAB)

IAB Research Professor George Happ continues his success in attracting federal infrastructure grants that are building programs for research and education in the biomedical and other sciences. Happ is director of the \$9 million statewide Experimental Program to Stimulate Competitive Research (EPSCoR) funded by the National Science Foundation. EPSCoR builds research competitiveness by leveraging new faculty hires. He is also director of the Biomedical Research Infrastructure Network, a \$6 million National Institutes of Health-sponsored program to develop molecular expertise in how contaminants affect plants and animals of arctic food chains, including humans.

Terry Chapin, an IAB professor and director of the UAF graduate program in regional resilience and adaptation, was elected a fellow of the National Academy of Arts and Sciences. He also received a \$2.6 million grant from the National Science Foundation. The program will train scholars, policy-makers, and managers to address issues of regional sustainability.

INSTITUTE OF MARINE SCIENCE (IMS)

A study of snow crab by researcher Bodil Bhlum is expected to improve crab management. IMS scientists are also helping natural resource managers determine restrictions related to declines in Steller sea lions, marine ecosystem function, and natural changes over time. Their findings indicate that the Gulf of Alaska shows early signs of recovery.

INTERNATIONAL ARCTIC RESEARCH (IARC)

A set of meteorological instruments that measures temperature and wind speed was installed near the summit of Mount McKinley. The data are being made available in near real-time via the Internet.

IARC established mooring consisting of an underwater instrument anchored to the seafloor to gather data on salinity, temperature, and circulation measurements of the water in the Eurasian Basin of the Arctic Ocean. Such measurements are critical to understanding the Arctic Ocean water and predicting the future evolution of the arctic environment.

IARC researchers completed diagnostic intercomparisons of models of the Arctic Ocean that were published in American Geophysical Union's Eos.

IARC, through the Science and Math Enrichment program, brought middle-school students, teachers, and community members to UAF from Noatak and Galena. IARC conducted nineteen workshops to initiate the coordination of national and international research programs.

Syun-Ichi Akasofu, director of the International Arctic Research Center, was named a fellow with the American Association for the Advancement of Science for his study of the Aurora Borealis, the sun and the Earth's magnetosphere. Akasofu was also named one of the most-cited authors of scientific literature by the American Society of Information Science.

UA MUSEUM

"Gifts from Our Land," a UA Museum project funded by the National Endowment for the Arts and the U.S. Department of Commerce, is developing a pilot video to assist Alaska's tourists in distinguishing authentic from inauthentic Alaska Native art. The final product, a twenty-minute video featuring Alaska Native artists, will be shown free of charge to tourists at Alaska's national parks and visitor centers and on the state ferry system.

STUDENT SERVICES AND SUPPORT

RASMUSON LIBRARY AND INFORMATION TECHNOLOGY

The Rasmuson Library completed the arrangement and description of the papers of the late U.S. Senator Ernest Gruening with the assistance of a grant from the Alaska State Library that will make this major resource more easily available to students, faculty, and researchers. The Oral History Program launched Project Jukebox, an interactive, multi-media computer system that provides public access to nearly 400 hours of Alaska oral history recordings in digital format, along with photo slide shows, maps, transcripts, and other source material.

STUDENT SERVICES (SS)

On-campus occupancy continues to outpace student growth at the institution – growth was 7.9 percent above the previous academic year. Residence Life expanded the EDGE (freshman Education, Development, Growth and Experience) program to two halls, and opened a graduate student-only area in the Cutler Apartment Complex. SS continues to modify and improve partnerships between the UAF Police Department, the Dean’s Office, and health and counseling regarding assessment and treatment of alcohol issues.

Wood Center and Student Activities delivered sixteen major programs attended by over 2,500 students; it also coordinated the Leadership and Orientation programs. The Outdoor Adventures program was expanded from a seasonal (summer) to a year-round basis. Wood Center scheduled over 30,000 events and meetings within the facility, a phenomenal number given the fairly limited meeting spaces. Student Activities secured additional funding to continue and expand delivery of programs such as College Bowl, American Voices, and Journey for a Hate-Free Millennium. The College Bowl team won regional competition and competed in the National Tournament.

The Center for Health and Counseling completed a medical review begun in 1999 and made suggested staffing changes. It increased outreach efforts – flu vaccine clinics and educational programs on breast cancer detection, nutrition, sexually transmitted diseases, and seasonal affective disorder – and completed a counseling review begun in 2000.

Career Services (CS) won the “Aurora Award” given by Fairbanks Convention and Visitors Bureau for “exceptional contributions to the development and/or increase of the Fairbanks visitor industry.” CS participated in four Lower 48 teacher job fairs (Alaska Teacher Placement), secured a \$100,000 grant from the state Department of Education, coordinated the “Job Shadow” program with the Alumni Association, and implemented an aggressive advertising campaign to increase support for the annual Career Services Guide so that it is now self-supporting.

The Office of Multicultural Affairs created several new initiatives, including two series exploring diversity issues. The Upward Bound Classic program found that, on average, 82 – 85 percent of its graduates enroll in a postsecondary program. The Student Support Services program hired three staff members, created a database and website, and developed and implemented an alcohol abuse prevention program for freshmen.

SCOREBOARD

Student athletes attained a 3.19 grade point average for the academic year; the cross country runners won the Great Northwest Athletic Conference (GNAC) All Academic Award for highest GPA (3.65) in the conference for cross country running.

The cross country ski team qualified five student athletes for the NCAA championships, the most in the program's history.

The rifle team was the NCAA National Championship team for the fourth consecutive year and the fifth time overall.

The women's volleyball team completed the season tied for second place in the GNAC. They hosted the only women's Division I volleyball tournament hosted by a Division II school, placing second.

The inaugural Mount McKinley Bank North Star Invitational women's Division I basketball tournament saw the Nanooks finish second against the Division I teams. The men's basketball team once again hosted a weekend of Division I action with the BP Top of the World Classic tournament.

The hockey team hosted its first conference playoffs and advanced to the quarterfinals after enjoying the most conference wins and best overall season since joining the conference. Hockey head coach Guy Gadowsky was selected the conference coach of the year. Two UAF Nanook hockey players, Bobby Andrews and Aaron Grosul, were drafted by the NHL, the most in the program's history.

University of
Alaska
Southeast





Enrollment: Each of the UAS campuses showed enrollment increases over the previous year. On the Juneau campus the number of full-time students has increased 7.5% from 604 to 649. First-time freshmen increased 48%, with 62 more students. Transfer students increased 44%, with an additional 41. On the Sitka campus the headcount increased 15% from 753 to 889 and total credit hours increased 16% from 2,816 to 3,332. On the Ketchikan campus the total unduplicated head count was 461, up 13%.

CAMPUS GROWTH

Students: The Juneau campus freshman class came from 18 Southeast communities, 23 other Alaska towns, 27 other states and 14 foreign countries. Fall semester, UAS awarded 780 scholarships to nearly 500 unduplicated students. They received more than \$1.1 million at an average of nearly \$2,300 per scholarship recipient.

Distance: The three UAS campuses had 772 distinct students enrolled in distance education classes. There were 422 distinct students enrolled in a distance class taught through Juneau, 134 for Ketchikan classes, and 306 for classes taught through Sitka. The UAS campus' classes serve 112 distinct Alaska communities.

Reaccreditation: The Alaska Certified Public Manager Program was awarded reaccreditation status for five years at the National CPM Consortium meeting in April. CPM is a statewide training program to develop professional public managers and is administered by UAS.

Excellence: The Alaska Commission on Post Secondary Education audited the UAS financial aid office on the newly implemented electronic funds transfer and found perfect compliance with no errors.

Social work: Jim Caringi, a clinical assistant professor of social work on the UAF faculty, has been permanently located at UAS. He will teach in the Bachelor of Social Work statewide distance-delivered program. Caringi will also work on program development, advising, recruiting and will travel throughout SE.

Academics: Students in the Master of Public Administration program may now choose elective classes in Rural Development or Criminal Justice. The coursework is offered by distance technologies from UAF.

College Connection: Selected school district students may take UAS courses for both college and high school credit in the College Connection program. Enrollment increased to 109 students, up by 42 from '99-00, took 180 classes which was up by 77 classes. Nearly 90 per cent of the students completed their courses and 77 per cent of those received an "A" or "B." There were virtually no failures.

PREPARING TEACHERS

Teachers: Thirty-six new teachers completed their studies and received their Master of Arts in Teaching degrees in ceremonies on the Juneau campus in June.

Forum: About 45 people attended the first Alaska Native Higher Education Forum held on the Juneau campus. A series of similar meetings will consider problems and improve programs. Topics for the first meeting included Early Scholars, Preparing Indigenous Teachers for Alaska Schools, Sealaska Heritage Institute, Tlingit & Haida Vocational Training, and more.

PITAS: Students in the Preparing Indigenous Teachers for Alaska Schools program were honored at a dinner on the Juneau campus. Among the guests was Alaska Representative Bill Williams. He told the students, "What the Native community needs is people like you to look up to." Twenty-three students are enrolled in the program funded by a federal grant.

Head Start: Three, week-long Head Start Gatherings were held in Anchorage, Sitka and St. Marys in May. The retreats were designed to give support to the 105 Alaska Head Start staff members participating in the University of Alaska Distance Early Childhood Education Associate of Applied Science Degree program. UAS staff coordinated the one-year grant from the Head Start Bureau in Washington, D.C. that was awarded to the UAS/UAF cooperative program.

CAMPUS CONSTRUCTION

Classroom addition: More than \$1 million in contracts was awarded for interior work on the \$8 million Egan Classroom addition on the Juneau campus. The exterior work for the new 16-classroom addition was completed earlier. The classroom will be open for spring semester 2003.

Pavilion: The first privately funded capital project on the Juneau campus reached its \$525,000 goal. The campaign to build an outdoor pavilion on campus began with a \$110,000 gift from the Noyes family. The 330-seat Noyes Pavilion, to be used by campus and community for a variety of presentations, will be completed in spring 2003.

Technical Center: The Board of Regents authorized more than \$1.7 million to the Ketchikan campus for remodeling the Hamilton/Robertson Technical Education Center.

Trail: About 60 Rotary volunteers aged 16 to 18 spent part of their time at the Regional Rotary Conference in Juneau volunteering on campus. They helped improve trail access to the gazebo. This was the first part of a campus-wide trail system that will include lake access and connection with existing city trails.

STUDENT SUCCESS

College Bound: Southeast high school students spent two weeks on the Juneau campus while attending the College Bound Student Leadership Institute. Students lived in campus housing, took part in workshops, a service activity, job shadowing and more. The Institute, designed to develop leadership skills and help prepare students for college, is funded through a grant from First National Bank.

Alumni: For the second year, the UAS Alumni Association wine tasting fund-raising event for student scholarships sold out. More than 125 people filled the Hangar ballroom in Juneau and raised over \$2,000 for scholarships. The Alumni Association provided more than \$6,000 in scholarships for UAS students, donated \$5,000 for the Pavilion Campaign, and provided financial support for the campus fall semester welcome picnic. The alumni also organize a spring dinner and auction to raise scholarship funds.

Research: Nine biology students counted 672 Steller sea lions during a three-day marine mammal survey by boat in April with faculty members. The survey allows students to gain research experience while they are still undergraduates. The students photographically identified three humpback whales, observed 60 harbor seals, 60 Dalls porpoises, one harbor porpoise, recorded the brands on several sea lions at haulouts, saw a wolf and several deer.

Volunteers: UAS students in the Juneau campus leadership class created 421 snack bags for elementary students who were taking exams at Glacier Valley and Auke Bay schools.

Students organized the class volunteer project that included a box of juice, a food bar and half a banana. In each bag, students placed a note that read, "UAS students care about you. Good luck on the test."

Internships: Humanities and Social Science students expanded their experiences through practicums/internships that included working in legislators' offices, Alaska Mental Health Trust, Perseverance Theatre, Juneau Youth Services, Chemical Dependency Program, Juneau Hope Community Resources, the Department of Health and Social Services and Disney World.

Social Science: Twelve social science students presented papers at the April meeting of the Alaska Anthropology Association in Anchorage.

Honored: Lisa Olds, biology student and Student Activity Center employee, received a letter of accommodation and reward from Chancellor John Pugh for her actions last March potentially saving the life of a kayaker who had overturned in Auke Lake.

Eagles: UAS students again attended the Haines Bald Eagle Festival for a weekend of activities that included viewing eagles along the Chilkat River, watching the release of three eagles and attending presentations about eagles, birds, photography and more.

Leaders: More than 70 students, many of them freshman, were nominated by Juneau faculty and staff to take part in a new student leadership committee. The committee was formed to facilitate academic success and achievement. Faculty nominated students with strong academic and interpersonal skills from a variety of backgrounds. About 30 students, with a minimum 2.5 GPA, were selected to enroll in a 3-credit leadership course.

Peratrovich Day: Nearly a dozen students in the Woch Een club took part in Elizabeth Peratrovich Day activities at the ANB Hall and presented a reading of the debate leading to legislative passage in 1945 of Alaska's anti-discrimination bill.

SERVICE TO COMMUNITY

Support: A Juneau Empire February editorial was headlined, "Future for UAS never looked brighter." The first sentence said, "If you haven't visited the Auke Lake campus of UAS recently, you will be impressed by the transformation taking place." The editorial then described the new classroom, the long-range campus plans for 1,000 students by 2012, the planned recreation center, the Noyes Pavilion, and the role of the campus in Juneau's economy.

Attractions: Hundreds of Juneau residents have joined UAS at recent events. The Banff Film Festival sold out at 550. Nearly 300 attended the Winona LaDuke lecture and about 1,200 attended the first three Science for Alaska lectures at Centennial Hall.

Evening at Egan: The Juneau campus again presented a free fall lecture series for the campus and community each Friday evening during fall semester. Many of the speakers were faculty members and the special guest was N. Scott Momaday, winner of the 1969 Pulitzer Prize for fiction.

Continental Math League: UAS hosted about 300 Juneau third through fifth graders and their families for the Continental Math League award ceremonies in Egan Library on May 9. The ceremonies honor the math students for their achievements.

Tax assistance: For the third year, UAS faculty and students visited several dozen villages as part of the Volunteer Tax and Loan Program to assist Alaskans prepare their incomes taxes.

Jazz and Classics: A campus day was featured as part of the 16th annual Juneau Jazz & Classics Festival. Musicians provided free performances, demonstrations and a workshop in Egan Library.

Tuxedo Junction: Juneau's elegant night-on-the-town is the community's premier biannual formal event and raises money for UAS student scholarships. Participants moved between the Mt Roberts Tramway, the Twisted Fish, and on a catamaran for varieties of music and food.

Grants: Members of Juneau non-profit organizations were invited to the Juneau campus to meet with representatives from the Rasmuson Foundation, one of the state's largest philanthropic organizations. The meeting was to help Juneau residents learn about foundation grant guidelines and to describe local needs.

Homebuilding: A workshop, "Homebuilding Techniques," was presented by Juneau faculty in Petersburg, Sitka, and Juneau to provide information about healthy and durable homes in a marine climate for those considering building or buying.

Alumni profile: A demographic analysis of UAS alumni produced a total of 1,961 with current addresses. The results show 1,651 alumni live in Alaska and 1,003 of those live in the Juneau area. The age demographics show 16% are under 30; 38% are 30-45; 30% are 45-55; 12% are 55-65; and 4% are over 65.

JUNEAU CAMPUS SUMMER PROGRAMS

Bread Loaf: Each summer about 70 graduate students from Alaska and around the country attend the Bread Loaf School of English on the Juneau campus for six weeks. Middlebury College in Vermont named UAS one of their four permanent summer campuses. Students live in university housing and take meals on campus. A lecture series and theatrical performance were offered free to the public.

Culture: More than 80 people took part in the Kusteeyi Institute on the Juneau campus in August presented by the Sealaska Heritage Foundation and UAS. Classes include Tlingit and Haida instruction plus Native language teaching methods and endangered cultural arts.

Early Childhood Institute: More than 30 students studying early childhood education through distance delivery from around the state took part in two week-long Early Childhood Institute sessions.

ARCTIC Institute: More than two-dozen teachers from school districts across the state attended the two-week ARCTIC Institute presented by the UAS Professional Education Center. The institute was designed to help school teachers integrate technology into their classrooms.

Leadership Institute: The fourth annual Leadership Communications Institute took place in May. The institute, co-sponsored by UAS, the Alaska Municipal League, City and Borough of Juneau and the state Division of Personnel, works to improve communications, teambuilding, public speaking, cross cultural communications and media skills.

Taiwanese: Seven teachers and two government workers from Juneau's Taiwan Sister City, Chai Ye, lived on campus most of July. They took classes on campus in the mornings and in the afternoons traveled throughout the community to learn about American culture.

GRANTS

Wood products: The Sitka campus received a \$650,000 Congressional appropriation for the continuation of wood products research.

Shipyard: The \$500,000 grant, Alaska Shipyard System for Education and Training, is a collaborative effort between UAS Ketchikan, Alaska Ship and Drydock (ASD) and National Shipbuilding Research Project. The goal is to create a training and organizational plan that will assist ASD and other U.S. shipyards to maintain their skilled workforce and support stable, year-round employment for shipyard workers. UAS Ketchikan will develop individual and group training plans with the employees of ASD.

Water: Sitka's Environmental Technology Department received \$500,000 in continued funding for the Alaska Small Water System Training/Technical Assistance Center for the statewide program that provides water and wastewater operator training and technical assistance.

Crabs: A \$390,000 grant from the Alaska Department of Fish and Game was awarded to UAS faculty members Ginny Eckert, Sherry Tamone and UAF faculty Tom Shirley to study the temperature effect on the reproductive cycles of crabs. Tamone also received a \$100,000 grant from ADFG to study the regulation of growth in snow crabs from the Bering Sea.

Biomass: Mike Stekoll, Juneau chemistry, received a \$340,000 grant from NASA for the development of rapid biomass assessment technology for Alaska's kelp industry.

Head Start: Enhancing Alaska Native success in attaining associate degrees in Early Childhood Education is the goal of a \$325,000 grant from the U.S. Department of Health and Human Services awarded to the Distance Early Childhood Associate degree program and coordinated by the Juneau campus.

Environmental: Sitka received \$290,000 for the second year of a National Science Foundation project that provides mentoring, tutorial, and technical assistance to UAS Environmental Technology students, high schools students, and rural high school teachers.

Killer whales: Sitka and biology faculty member Jan Straley received a \$210,000, three-year grant from the U.S. Department of Commerce to investigate the effect of killer whales on decreasing Stellar sea lion populations.

Fisheries: The Alaska Department of Fish and Game has granted UAS Ketchikan \$140,000 to develop an Associate of Applied Science in Fisheries Technology program that will include internships and work experience.

Alzheimers: The Commission on Aging awarded the Sitka Office of Continuing Education a \$100,000 grant to provide an Alzheimer's distance education course and a related mini-conference.

Research: Juneau biology faculty received the third \$70,000 of a three-year, \$220,000 grant from the National Science Foundation for the Research Experiences for Undergraduates. Over 100 applicants from around the country, including Alaska, apply each year to work on research with UAS faculty mentors.

College Connection: The Ketchikan Gateway Borough's annual budget included \$15,000 in grant money for UAS Ketchikan to provide a College Connection program for high school students and provide student scholarships. The borough also funded an economist position for the campus to assist with their long-range economic development plan, keep vital statistics on Ketchikan and assist businesses with business planning.

Nursing: The Ketchikan campus was awarded a State Training and Employment Program grant to provide Certified Nursing Assistant training to participants who otherwise would be unable to afford the cost of the training.

KETCHIKAN CAMPUS

Hyder: The campus' cooperative agreement with Hyder Community Association helps provide training for water bottling plant employees to help them become certified plant operators.

Communications: A new satellite dish for distance education was installed on campus to provide an improved signal from Juneau. The installation is part of a larger education project connecting six small rural communities with Internet and satellite capabilities.

Students: About 30 Craig eighth grade students visited the Ketchikan campus in May to learn about college life including degrees, certificates, distance education, scholarships, learning center services and more.

Archeology: Twelve students, not only from Ketchikan, but also Juneau, Oregon, Connecticut, Missouri and California, took part in the Archeological Site Condition Field Trip.

Alumni: The Ketchikan campus hosted its first Alumni and Friends Association reception in May as part of an effort to organize a group of supporters on the campus.

SITKA CAMPUS

Computers: The Forest Service donated surplus computers and servers to the Ketchikan CISCO Networking Program. They will provide hands-on training for students.

VideoVersity: The campus' film series completed its first year of movies for the campus and community.

Open house: More than 330 people attended the Sitka campus Open House in August. They registered for classes, attended "mini-courses," viewed demonstrations, saw advisors, toured the campus and ate.

Alzheimers: Fifty participants from across Alaska attended the Alzheimer's Disease or Related Disorders conference organized by the Sitka Continuing Education office in April. The conference was designed to help those involved with program better understand the disease and provide greater levels of care.

Senior Day: More than 50 people attended the Mt. Edgecumbe High School Senior Day on the Sitka campus. Each senior selected four classes to learn about college, vocational training, financial aid, and employment.

Microbiology: Students from Sitka, Ketchikan Metlakatla, Kotzebue, Dillingham and Unalaska participated in Microbiology Lab Week on the Sitka Campus. All of the lab work that would normally be covered in a beginning

microbiology course was delivered during the intense, week-long format.

Whales: The annual Sitka Whalefest, organized by faculty, took place in November and offered lectures, presentations and trips.

Scholarships: The Advisory Council hosted a Beer and Wine Tasting cruise, hosted by Allen Marine, to help fund a scholarship endowment for students attending the Sitka campus.

Visit: More than 60 Sitka residents, including 17 UAS Sitka students, visited Juneau for the folk festival on an Allen Marine catamaran chartered by the Sitka campus.

OFF THE BEATEN PATH

Birthday: Jonathan Anderson's PADM 612 distance-delivered class surprised him on his 50th birthday. Juneau students dressed in black, decorated the classroom with black balloons and presented Anderson with a black cake. Students at distance sites sent messages and called with references to "old age" symptoms. Anderson said, "Most teachers get apples from their students. I got vitamins and Geritol!"

Half-life: Mike Ciri, director of Information Technology Services, has spent 20 years, more than half his life, at UAS. He first enrolled as a student at age 17 in 1982. This year he celebrated his 37th birthday. Ciri joined the Computer Services staff full-time in 1986, and earned his BLA in 1994.

Thank you: Computing Services supervisors took their staff to lunch to thank them and added a little extra. The supervisors hired a limousine to transport the staff to and from lunch.

Champions: The Flukes, UAS's staff and faculty co-ed softball team, finished the regular season in first place in their division.

Wonderful praise: Wonder Russell graduated magna cum laude in May but was unable to accept her degree in person because she now lives in Thailand, the latest stop in her travels and education. After two years taking classes on the Juneau campus, Russell became an exchange student in London, then studied in Montreal, Los Angeles, and completed her degree requirements while in Thailand through distance classes from UAS. In an e-mail to her advisors Russell said, "Nowhere else in the world could I have found anyone to match your support, commitment and friendship. You prove again (as if UAS needed one more laurel!) that UAS is the most superior school on earth. You have a unique, unparalleled commitment to students matched only by the integrity of UAS' commitment to an excellent education."

FACULTY AND STAFF

Marilyn Taylor, former professor of education and accreditation coordinator at Metropolitan State College of Denver, was hired as the dean of education.

Karen Schmitt, dean of career education, was named interim dean of Business Programs for two years. She will continue as dean of Career Education.

Paul Kraft, the new dean of students and enrollment management, had been working on his Ph.D. at Montana State University in Bozeman.

Vicki Orazem, the new vice provost for Student Success, had been coordinator of the Freshman Seminar and Peer Leadership program at Montana State University.

Barbara Hegel, the former registrar at Crestwood College in Allentown, Pennsylvania, is the new UAS registrar.

Carol Hedlin, interim director, was promoted to director of Library Services.

Brendan Kelly, Juneau biology, accepted the position of Faculty Alliance chair from July 1, 2002 to June 30, 2003.

Clive Thomas, Juneau political science, was chosen by the Encyclopedia Britannica to write a 10,000-word entry on political interest groups for the 16th edition to be published in 2004.

Scott Christian, Juneau education, was co-editor of a new book, “Writing to Make a Difference.” The book is a collection of classroom narratives by public school teachers about writing projects that focus on community needs and issues.

Jason Ohler, Juneau educational technology, received good reviews for his latest book, “Then What,” about technology and society issues including one describing Ohler as the new Marshall McLuhan.

Mike Dunning, Ketchikan history, was elected to the Alaska Historical Society’s board of directors for a two-year term. The non-profit group promotes the preservation of Alaska’s history.

John Pugh, chancellor, was named Alaska Social Worker of the Year. He has 30 years experience in the field and served as commissioner of the Alaska Department of Health and Social Services.

Richard Stillman, a school psychologist and Ketchikan teacher for nearly 20 years, has been hired as assistant director for UAS Ketchikan in a half-time position.

Richard Jackson, Juneau Facilities Services, was unanimously re-elected Alaska Native Brotherhood Grand Camp President at the annual convention held in Kake.

Robert Sewell, Juneau advising, was elected chair of the UA Staff Alliance.

Roxy Felkl, Juneau Activities and Housings administrative assistant, was named by University President Mark Hamilton as one of the winners in the fourth annual Make Students Count awards for outstanding service to students.

Ken Lea, a retired regional state fire marshal for Southeast, is the new UAS health and safety officer.

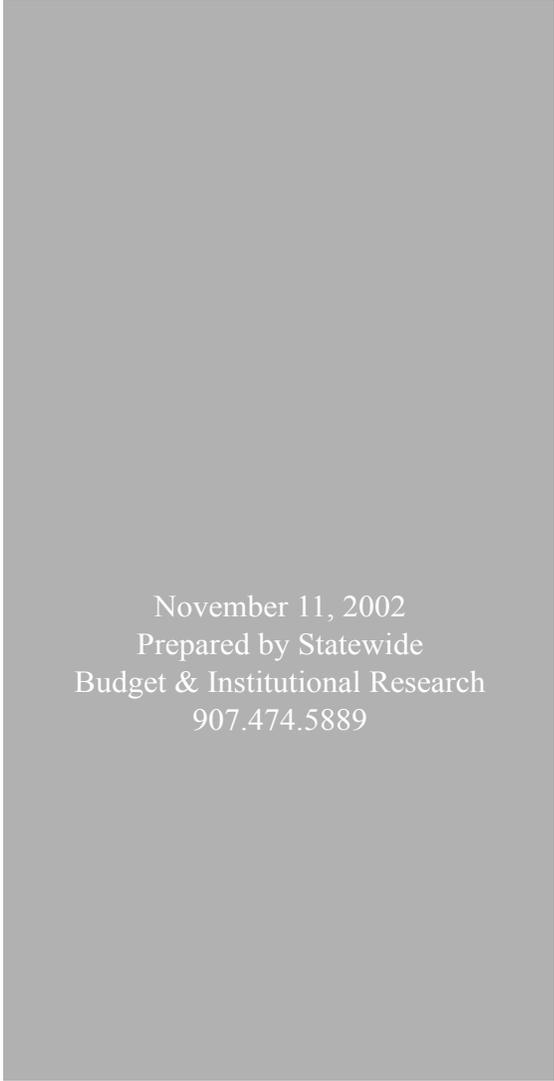
David Lendrum, a long-time Juneau horticulturist, has been hired as part-time landscaping and grounds manager.

Lynne Johnson, Juneau development, was named Certified Fund Raising Executive, one of only four in Alaska, after meeting a series of standards set by the CFRE Board.

Roger Estrada, Sitka business office, does voluntary tax preparation through the Tax Aide Program, a free service for those with incomes under \$25,000 and the elderly.



Performance Measures FY2004



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Prepared by Statewide
Budget & Institutional Research
907.474.5889

University of Alaska Performance Measures for FY2004

Measure: The number and percentage of recent Alaska high school graduates who attend the University of Alaska. *(Developed jointly with Legislature in FY2001.)*

Current Status:

Goal: Within 3 years (fall 2003) capture 26% of Alaska's high school graduates.

Of recent high school graduates fall 2002, 24% (1,687) attended UA as first-time freshmen.

Benchmark:

Several sources report projections on high school graduates with widely varying estimates. The projected number of Alaska high school graduates for the class of 2003 using WICHE is 7,261; using another source (NCES Projections of Education Statistics to 2011) there would be 7,400 graduates. The likely number of high school graduates is 7,100 given current numbers of high school graduates resulting in a goal of 1,850 enrolled in fall 2003. Nationally, the percentage of high school graduates who attend college soon after graduation has declined from 67% in 1996 to 61.7% for fall 2001 (Opportunity, June 2002). Forty-five percent of recent high school graduates enroll at public institutions in their home state. The University of Alaska has set an aggressive goal to enroll 40% within six more years (fall 2007), nearly 3,000 recent high school graduates.

Background and Strategies:

Recruitment efforts are important to increasing the number of full-time freshmen. A major part of recruitment is the breadth of programs available, the faculty quality, and services provided. UA has pursued program expansions, faculty recruitments, and is currently focusing on enhanced student service and student recruitment efforts to attract this sector of traditional-aged students. The UA Scholars program has had a positive impact on increasing enrollment at the university since inception of the scholarship. This fall, 2002, there are 363 new students with a total 1,066 enrolled in the UA Scholars program. However, state policy can have a significant positive effect on this measure by funding the UA Scholars program. Nationally, 7% of state appropriations go to higher education grant programs. Currently, Alaska is the only state that does not provide need or merit-based student aid. Providing need or merit-based aid for in-state attendance would also help to keep Alaska students in-state. The table below shows the percentage of recent high school graduates who attend UA has increased from 18% in 1997 to 24% in fall 2002.

Number of Recent Alaska High School Graduates who attend UA as First-time Freshmen by Year

Year	AK HS Graduates	UA FTF who are Recent AK HS Graduates (Fall Semester)	% of AK HS Grads who are UA FTF
1997	6,175	1,097	18%
1998	6,496	1,360	21%
1999	6,826	1,486	22%
2000	6,668	1,498	22%
2001	6,812	1,558	23%
2002	6,941	1,687	24%

Strategy: Attracting and Retaining Alaska's Students (ongoing initiative)

UA Scholars Program

Measure: The number and percentage of total Alaska high school graduates who attend the University of Alaska as UA Scholars. *(Developed jointly with Legislature in FY2001.)*

Current Status:

Goal: Increase the percentage of eligible UA Scholars who choose to attend UA to 50% within three years (fall 2003).

Benchmark:

In Fall 2002, 363 (39%) of the 920 eligible UA Scholars attended the University of Alaska.

In Fall 1999, 33% (270) of the 811 eligible UA Scholars attended the University of Alaska.

Background and Strategies:

This program is designed specifically to increase the number, quality, and percentage of Alaska high school graduates attending UA. The UA Scholars Program offers a four-year \$11,000 scholarship to the top 10 percent of the graduates from qualified Alaska high schools each year. Students are designated by their high school based on their academic standing at the end of their junior year.

To use the Award, the Scholar must enroll at a UA campus within 16 months of high school graduation. This means the Scholar may take time off after graduation to work, travel, or even try a school outside before enrolling at the University of Alaska. Once enrolled, the Scholar will receive \$1375 per semester for eight semesters provided that the Scholar remains in good standing.

The percent of eligible scholars attending the University of Alaska has increased since the start-up of the program in 1999 from 33% to 39% (see table below). With the expected 7,100 high school graduates in the class of 2003, the goal of enrolling 50% of eligible UA scholars is lofty; requiring 46% of new UA Scholars.

UA is enrolling almost four times as many top 10% students than prior to the UA Scholars Program. In 1998 it was estimated that a maximum of 14% of high school graduates in the top 10% attended UA prior to the program, or about 100 students, compared to the 2002 actual achievement of 365.

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

Fall Term	Number Eligible	Number Attended	Percent Attended
1999	811	270	33%
2000	875	343	39%
2001	897	371	41%
2002	920	363	39%
2003 *	*958	*470	*50%

* Goal

Strategy: Attracting and Retaining Alaska's Students

UA Scholars Program

Measure: 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. *(Developed jointly with Legislature in FY2001.)*

Current Status:

Goal: Retention of UA baccalaureate degree graduates in Alaska at 79% residency for one year after graduation and 66% residency five years after graduation.

On average, 79% of baccalaureate degree recipients resided in Alaska one year after graduation (1992-2001 graduating classes) and 66% resided in Alaska five years after graduation (1990-1997 graduating classes).

Benchmark:

For UA baccalaureate graduates from 1990 to 1998 the average residency one year after graduation is 79% and 69% residency five years after graduation.

Background and Strategies:

The University of Alaska and the Alaska Department of Labor have tracked the university's baccalaureate degree recipients from fiscal year 1990 to 2001 in a joint study. The study conducted last year did not distinguish between those degree recipients who were Alaska high school graduates and high school graduates from outside of Alaska; this parameter will be added and this section will be updated as soon as the results are available. Of all the baccalaureate degree recipients residing in Alaska in 2000, 87% were employed. The university not only fosters learning and research, but contributes to diversifying Alaska's economy by contributing to an educated and trained workforce.

The availability of positions in the degree recipient's chosen profession will, in part, determine the continued residency in Alaska. The five-year residency figures continue to be of concern as it represents the decrease in residency of graduates observed to date; from 68% of the 1994 class residing in Alaska to 60% for the class of 1997. 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 table below shows the percentage of baccalaureate degree recipients from the University of Alaska who resided in Alaska one, five, and ten years after graduating based on their Alaska permanent fund dividend status. On average, 79% of baccalaureate degree recipients resided in Alaska one year after graduation (1992-2001 graduating classes) and 66% resided in Alaska five years after graduation (1990-1997 graduating classes). Of the baccalaureate recipients, an average of 88% applied for a PFD the same year they graduated. If only this pool of students that applied for a PFD is used rather than that of all degree recipients, then the one year residency rates range from 88% - 92%. Note, the actions UA and the state are taking today will favorably impact the five-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 five-year residency impact in 2012 will best evaluate our success in this area. This demonstrates why action must start today.

**Percent of Baccalaureate Degree Recipients who are Alaska Residents by
Graduation Year, and Length of Residency**

Graduation Year	% Residency 1 year later	% Residency 5 years later	% Residency 10 years later
1990		69%	63%
1991		68%	62%
1992	80%	70%	61%
1993	82%	68%	
1994	82%	68%	
1995	80%	65%	
1996	77%	61%	
1997	77%	60%	
1998	78%		
1999	78%		
2000	77%		
2001	78%		

Strategy: Attracting and Retaining Alaska's Students

Meeting Alaska's Employment Needs

Preparing for Alaska's Economic Success

Measure: 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. *(Developed jointly with Legislature in FY2001)*

Current Status:

Goal: Using FY00 as the base, increase graduates by 5% over the next two years and 10% over the next 4 years in the job areas specified.

The university awarded 1,549 degrees in FY02 in high-demand job areas. Given the enrollment drop between 1994 and 1999, UA was unable to meet the 5% goal by FY02. With enrollment on the rebound, especially in many of these programs, it is unlikely UA will reach the 10% target by FY04, however 5% is possible by FY04.

Benchmark:

FY2000 - 1,555 University of Alaska degrees were conferred for high-demand job areas as defined by the Alaska Department of Labor.

Background and Strategies:

There is a lag between enrollment and completion as students require from two to four years to complete; therefore, enrollment in the specified programs must increase from fall 2000 before an increase in graduation from two year programs can be measured. The table below shows the number of degrees awarded in ADOL high-demand and specified occupational areas as well as enrollment. Between FY00 and FY02, enrollment increased by at least 10% in 12 programs and by at least 5% in 3 of the high demand programs. Preliminary fall 2002 enrollment data shows

positive trends in nearly all areas. An area of short-term success is in the medical assisting program (health assoc/cert level) where fall 2002 enrollment shows a 54% increase across the system. The demand for the nursing program is evident in the 70% increase in enrollment in the pre-major nursing program. Short-term success continues to be observed in the fall 2002 enrollment of declared majors in the early childhood education program, which has increased by more than four times. The FY02 enrollment increases will begin impacting the number of graduates in FY04 through FY07.

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

Job Area and Degree Level	Enrollment* FY00-FY02	Degrees Awarded (FY)				
		1998	1999	2000	2001	2002
Air Transportation						
Assoc/Cert	Up > 10%	48	44	46	43	37
Business Services						
Assoc/Cert	Down 0 - 5%	108	100	107	144	88
Baccalaureate	Up > 10%	13	7	13	17	16
Masters	Up 0 - 5%	9	17	22	18	8
Engineering						
Assoc/Cert	Up > 10%	35	47	11	27	32
Baccalaureate	Up 5 - 10%	104	75	75	59	66
Masters	Down 5 - 10%	20	21	28	14	16
Finance, Insurance, and Real Estate						
Baccalaureate	Down > 10%	80	82	103	95	87
Health						
Assoc/Cert	Up > 10%	240	187	218	196	241
Baccalaureate	Up > 10%	124	122	123	105	163
Masters	Down 5 - 10%	62	55	44	40	31
Information Technology						
Assoc/Cert	Up > 10%	82	71	92	66	80
Baccalaureate	Up > 10%	44	30	44	56	48
Masters	Down 5 - 10%	10	2	5	7	2
Management						
Baccalaureate	Up 5 - 10%	118	93	116	112	106
Masters	Up > 10%	54	73	49	50	45
Natural Resources						
Assoc/Cert	Down > 10%	1	4	1	1	
Baccalaureate	Up > 10%	57	55	45	37	56
Doctoral	Down > 10%	2	1	3	2	2
Masters	Down > 10%	43	27	37	22	31
Process Technology						
Assoc/Cert	Up > 10%	19	19	16	14	68
Teacher Education						
Assoc/Cert	Up > 10%	23	26	22	22	26
Baccalaureate	Down > 10%	231	199	158	131	155
Masters	Up > 10%	121	160	172	104	134
Transportation						
Assoc/Cert	Down > 10%	2	17	5	7	4
Total		1,650	1,534	1,555	1,389	1,549

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

Strategy: Attracting and Retaining Alaska's Students

Meeting Alaska's Employment Needs

Preparing for Alaska's Economic Success

Measure: The number of University of Alaska graduates, by community of origin and by community of current employment, who are new teachers. *(Revised from Legislature's FY2001 version)*

Current Status:

Goal: Maintain current employment rate through 2003 and then increase the percentage of UA graduates filling teaching vacancies each year in the state by 5% per year. By 2010, place over 50% of the teachers needed each year in Alaska.

FY00 information reported by the Alaska Teachers Placement (ATP), shows 9% of vacancies in FY01 were filled by new UA graduates compared to 12%. In 1999, ATP reported that new graduates and UA alumni filled 32% of vacancies. There is not comparable information for 2000 for UA alumni placement. However, maintaining the employment rate of 32% over the next four years is not likely given the 5th year teacher program just started in FY01 and the overhaul of the baccalaureate education programs was just accomplished last year (FY02).

Preliminary fall 2002 enrollment in the baccalaureate elementary education program is showing nearly 250 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 5th 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 favorable increases in the preliminary fall 2002 enrollment. Beyond the yet 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.

Benchmark:

In 1999, UA new graduates filled 12% of total vacancies.

In 1999, UA new graduates and Alumni filled 32% of total vacancies.

Background and Strategies:

Alaska Teacher Placement tracks the supply and demand as well as employment of teachers for Alaska, however, new data is not available for 2001. The table below shows the total number of teaching vacancies by region and the percentage of the vacancies that were filled by UA graduates that are first-year teachers. In FY01 the 5th year teacher education program was first funded and in FY02 funding was invested for the redefined and more responsive baccalaureate teacher education program. Additional funding is requested in FY04 for increased distance delivery through UAS. UA's participation in the Alaska Center for Excellence in Schools will address both education and professional issues to improve performance in this area.

Number of Teacher Vacancies and Percent of UA Graduate Hires by Region

Region	1999		2000	
	Total Vacancies	% New UA Graduates	Total Vacancies	% New UA Graduates
Interior	227	7%	134	6%
Northwest	172	6%	171	6%
Southcentral	592	16%	359	11%
Southeast	170	11%	112	13%
Southwest	255	10%	289	9%
Total 2000	1416	12%	1,065	9%

Strategy: Meeting Alaska's Employment Needs
Preparing for Alaska's Economic Success

Measure: The number of University of Alaska graduates, by community of origin and by community of current employment, who are new principals or new superintendents.

(Developed jointly with Legislature in FY2001.)

Current Status:

Goal: In the next three years (by 2003) place over 50% of the administrative (principal and superintendents) vacancies in Alaska school districts.

In 2000, 42% of administrative vacancies were filled by UA graduates. Reaching 50% is an aggressive goal; however, the strong enrollment increases shown in the preliminary figures this fall in the education leadership program is a positive indicator.

Benchmark:

Using Alaska Teacher Placement (ATP) statistics 38% of the 1999 administrative (principal and superintendent) vacancies were filled with UA graduates and alumni.

Background and Strategies:

Using Alaska Teacher Placement (ATP) statistics the number of administrative vacancies filled with UA graduates and alumni has increased from 38% in 1999 to 42% in 2000 as shown in the table below (updated data from ATP for 2001 is not available). Enrollment in the education leadership program has doubled since fall 2000, in part due to initiative investment in FY01.

Total Administrative Vacancies and Percent filled by UA Graduates

	Total Vacancies	% UA Graduates
1999	98	38%
2000	64	42%

Strategy: Meeting Alaska’s Employment Needs

Preparing for Alaska’s Economic Success

Measure: The number and percentage of total credit hours and courses offered by distance delivery.

(Developed jointly with Legislature in FY2001.)

Current Status:

Goal: Increase the number of credit hours and courses offered by distance delivery by 10% over the next three years (from Fall 2000).

The number of distance education courses in which there were enrolled students through the university’s 15 campuses increased by 23% from fall 2000 to fall 2001. Last year there were 689 courses offered via distance learning and 545 of them had enrolled students. Preliminary fall 2002 information indicates that the number of courses that will have enrolled students will be about the same as fall 2001.

Benchmark:**Fall 01**

# of Distance Ed Courses with Enrollment Systemwide:	545
% of Total Courses with Enrollment Systemwide:	8.53%
Distance Ed Student Credit Hours Systemwide:	19,967
% of Total Student Credit Hours:	8.83%

(Fall 2001 figures reflect the most current status as Fall 2002 final figures will not be available until January 2003.)

Fall 00

# of Distance Ed Courses with Enrollment Systemwide:	447
% of Total Courses with Enrollment Systemwide:	8.75%
Distance Ed Student Credit Hours Systemwide:	14,422
% of Total Student Credit Hours:	6.58%

Fall 98

# of Distance Ed Courses with Enrollment Systemwide:	339
% of Total Courses with Enrollment Systemwide:	6.32%
Distance Ed Student Credit Hours Systemwide:	12,070
% of Total Student Credit Hours:	5.50%

Fall 97

# of Distance Ed Courses with Enrollment Systemwide:	334
% of Total Courses with Enrollment Systemwide:	6.30%
Distance Ed Student Credit Hours Systemwide:	12,119
% of Total Student Credit Hours:	5.37%

Background and Strategies:

The University of Alaska system has made significant progress in building capacity to serve students at a distance. A standardized course management system (BlackBoard) has been deployed throughout the system. Such standardization makes it possible to target faculty training and development efforts, facilitate cross-MAU instruction, and assist students in transitioning from one MAU distance course to another without having to learn a new electronic learning environment. Moreover, the university of Alaska has implemented a system-wide set of instructional tools (Adobe Acrobat, Macromedia, Fireworks, etc.) that faculty can incorporate within their electronic learning environment. This "faculty toolbox," along with a standardized course management system, was funded partially through the FY02 state appropriation increments.

In FY01 faculty development resources were allocated to assist faculty in the integration of technology and appropriate instructional strategies so that the university can increase the number of courses and programs delivered at a distance. New courses were developed in a number of areas including library science, rural development, and business administration. The priority in distance education is to transition from individual course offerings to full program/degree programs where appropriate and applicable. An example of such a model is the MA in Education Technology offered through the University of Alaska Southeast (UAS), the BA in Early Childhood Development cooperatively offered through both UAS and the University of Alaska Fairbanks, and the Micro Support Specialist AAS cooperatively offered by all three MAUs.

FY02 efforts included the development, deployment, and maintenance of the University of Alaska Distributed Education Gateway (www.online.alaska.edu). The Gateway provides a one-stop service center that enables students to identify and locate available course offerings from any campus within the university system. Prior to this service, students often contacted a number of campuses in search of a particular course or courses. The university will also

integrate into the Gateway its online student services so that students may select distance education courses and register for them completely online. The university is allocating considerable time and effort toward enhancing UA's ability to share and sequence courses and programs between campuses.

Distance education is defined as any academic course whereby the instructor can provide education to students in different physical locations through any number of teaching strategies and technologies. The primary means of distance delivery are audio conference, correspondence, telecourses, and satellite telecasts. The university is also expanding the number of courses available via the Internet, CD-ROM, and/or video/audio tape. Distance education is administered at UAF by the Center for Distance Education and Independent Learning, and at UAA by Academic Technology Services. At UAS distance education is fully integrated within the university and administered through the office of the Dean of Instruction. The table below shows the number of courses that had students enrolled at each MAU with a total for the UA System and the number of student credit hours produced, as well as the percentage of all courses and credit hours at the University of Alaska from fall 1997 to fall 2001.

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
Fall 97	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%
Fall 98	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%
Fall 99	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%
Fall 00	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%
Fall 01	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%

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

Strategy: Meeting Alaska's Employment Needs

Measure: The cost per credit hour delivered by distance delivery. *(Developed jointly with Legislature in FY2001.)*

Current Status:

In FY01 nearly \$6.0 million of expenditures could be directly associated with the infrastructure, program support, student services, and faculty salaries used to offer courses via distance. Based on the student credit hours in distance courses, that equates to \$165 per student credit hour. For on-site instruction that figure varies from a low of \$90 per credit hour to as much as \$300 for specialized graduate programs.

Benchmark:

This costing method is just now emerging. Many universities are struggling with the same cost identification issues. In many cases the line between distance and on-site instruction cost is blurred as they are often conducted simultaneously. The method used above likely will change as industry standards are accepted and adopted. This measure will be updated as data and information become available.

Background and Strategies:

Distance education is a rapidly growing sector in higher education. Here in Alaska, distance education is especially useful as UA tries to make higher education available across the state's varied locations. It is also used to share specialized faculty among different campuses. The activities mentioned in the distance delivery credit hour measure above emphasize the effort UA is taking to expand distance-delivered program offerings in an efficient manner.

In assessing the cost of distance education, the University of Alaska has employed a cost analysis model developed by Western Cooperative for Educational Telecommunications (WCET) and National Center for Higher Education Management Systems (NCHEMS).

Strategy: Keeping Pace With Technology

Attracting and Retaining Alaska's Students

Meeting Alaska's Employment Needs

Measure: The pre-training wage as compared to the post-training wage for voc-ed graduates.

(Developed jointly with Legislature in FY2001.)

Current Status:

Goal: Maintain average salary increases of 15% for vocational education students after training.

For students who took vocational classes in 2000:

Wages increased by 16% after attendance over pre-training earnings:

\$6,946 per quarter vs. \$6,002 per quarter.

For students who took vocational classes in 1999:

Wages increased by 20% after attendance over pre-training earnings:

\$6,489 per quarter vs. \$5,427 per quarter.

(Employment and wage information from the DOL for 2001 students will be available in January 2003.)

Benchmark:

The university participates in an annual statewide vocational education outcome study by the Alaska Department of Labor published in January of each year. The study began in 1998.

Background and Strategies:

The university participates in an annual statewide vocational education outcome study produced by the Alaska Department of Labor and published each January. Starting in 2000 with the second report, the reports were extended to contain pre- and post-training earnings information.

The reports can be accessed at: <http://www.alaska.edu/oir/voced.html>. For the third report the university provided a list of over 5,400 students who participated in vocational education in FY00 and did not return in FY01. During the third and fourth quarters after exiting a vocational program, 71.1% of the participants were employed and the average quarterly earnings after training exceeded pre-training earnings by 16%. This compares favorably with the 15% increase observed for FY98 students, which is the benchmark for the goal above. Vocational education students' average quarterly earnings rose from \$6,002 in months 7 to 12 of the fiscal year prior to enrollment to \$6,946 per quarter in months 7 to 12 after exiting the program.

Strategy: Meeting Alaska's Employment Needs

Measure: The amount of research grants in arctic biology, climate change, resource development, fisheries and ocean science, logistics, geosciences, and atmospheric sciences.

(Developed jointly with Legislature in FY2001.)

Current Status:

Goal: Increase research grant funding commitments brought into the university in areas important to Alaska.

From FY99 to FY02 UA increased the number of new awards by 5% and the amount awarded by 120%.

Benchmark:

In FY01, there were 173 new grants awarded with total committed funding of \$45.3 million in the areas of arctic biology, climate change, resource development, fisheries and ocean science, logistics, geosciences, and atmospheric sciences.

Background and Strategies:

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, 52% of the state's R&D effort is carried out by UA. 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 \$4 of external funding. This is a significant return of state investment for research and provides a much greater R&D impact for the state.

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.

The university has developed a database of research activity that will provide a consistent listing for comparison purposes from year to year. Many grants are multi-year awards; the table below shows the number of new grants and award amounts from FY99 to FY02 in the areas targeted in the measure. The number of new grant-funded research projects has increased by 5% from fiscal year 1999 to 2002 and the amount increased by 120% during this same time period. In total for FY02, there were 864 active grant-funded research projects for a total award commitment (multi-year) of \$462 million. New research being conducted at the university ranges from projects like the Use of Bering Glacier Marine Habitat by Pacific Harbor Seals; Dietary Risks and Benefits in Alaska Villages; and Evaluation of Gravel Runway Surface Conditions & Their Effect on Aircraft Performance During Winter Operations.

**Number and Amount of New Organized Research
Projects by Research Category
Fiscal Year 1999 – 2002**

Category	New Awards	Award Amt. (x\$1000)
Areas of Significant Importance to Alaska		
Logistics	1	3
Resource Development	41	6,850
Biological Sciences and Arctic Health	51	6,435
Environmental Sciences	15	2,035
Geosciences	33	7,910
Marine and Ocean Sciences	59	6,622
Atmospheric Sciences	15	2,051
EPSCoR	0	
Areas of Significant Importance - Subtotal	215	31,906
Additional Research Areas	125	12,448
Total 2002	340	44,354
2001 Areas of Significant Importance - Subtotal		
	215	31,906
Total 2001	356	38,806
Total 2000	285	27,940
Total 1999	325	20,117
% Change FY99-FY02	5%	120%

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

Strategy: Preparing for Alaska's Economic Success

Measure: The number of graduate students whose education is funded by research grants.

(Developed jointly with Legislature in FY2001.)

Current Status:

Goal: Having met the initially stated goal (increase the number of grant-funded graduate students by 10% over the next two years) UA plans to aggressively pursue increasing the number of grant-funded graduate students by 8% per year through fall 2005.

Fall 2002 there were 222 graduate students employed

Fall 2001 there were 189 graduate students employed.

Benchmark:

Based on the university's federal reporting date, 164 graduate students were employed on grant-funded research in fall 1998, 192 in fall 1999, and 183 in fall 2000. Using the last three-year average (180), a 10 percent increase would result in 200 graduate students employed with research funding in fall 2002.

Background and Strategies:

At the University of Alaska during fall 2002 there were 222 graduate students funded through 133 research grants. The number of graduate students funded through research grants increased by 5% from the three-year average of 1998 - 2000 to fall 2001 and increased by nearly 18% from fall 2001 to fall 2002. The total enrollment of graduate students increased by 27.9% from fall 1998 to fall 2002.

Number of Graduate Students Funded on Research Grants

	Fall Semester				
	1998	1999	2000	2001	2002
Number of Graduate Students	164	192	183	189	222
Percent of Total Graduate Students	13%	15%	14%	14%	13%

Measure: The occurrences of applied research benefiting the state’s economy.

(Developed jointly with Legislature in FY2001.)

Current Status:

Goal: Increase the number of research projects specifically benefiting the economy of Alaska.

Increase the number of applied research projects that benefit the economy of Alaska.

In FY01, 234 applied research projects at the University of Alaska were identified as benefiting the state. In FY02 this number increased to 267, a 14% increase. The following table provides descriptions of a few of these projects.

Benchmark:

It is difficult to establish a benchmark for applied research that benefits the state’s economy because these numbers are not well documented for any state. Historically in Alaska, the majority of R&D money in the state has gone to projects focusing on economic development and natural resources. In fact, in a 1995 national survey, Alaska topped R&D funding for natural resources and was highest in non-state funding for economic development. Thus, although there are not specific numbers, UA has already been very successful in receiving funding in these areas, and it is anticipated that growth in these areas will continue.

Background and Strategies:

The university is acutely aware of the importance of this measure to the growth of the state’s economy. Currently, the new 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 is being designed to 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 addition, large grants from NSF (EPSCoR) and NIH (COBRE and BRIN) continue to build the research infrastructure of UA by providing new facilities and new faculty members, and attracting outstanding new graduate students. Together, these factors almost guarantee the inception of new applied research that benefits the state.

Selected Applied Research Projects Benefiting Alaska's Economy

Project Title, Status, and School	Contribution to the State
UA Anchorage	
More efficient air cargo operations in Canada's Yukon Territory Research Grant - Active CBPP	This grant funded a study which discussed how the Yukon Territory could leverage the State of Alaska's unique air cargo infrastructure in order to achieve efficiency gains in its air cargo operations.
Native Regional Corporations in the Alaska Economy Active CBPP, ISER	The 12 regional corporations are major landowners and employers in Alaska and some pay shareholder dividends; this study is assessing their overall economic contribution.
Evaluation of Rural Educator Preparation Partnership Active CBPP, ISER	This is a post-B.A. program at UAF that specifically prepares and certifies teachers who are committed to teaching in rural Alaska. If this approach is effective, it could reduce the disruptive and costly high turnover rate in many rural areas.
Chignik Salmon Cooperative Active CBPP, ISER	Analyzing economic effects of the new cooperative in the Chignik purse seine fishery, authorized by the Alaska Board of Fisheries in January 2002. This is an experiment by fishermen attempting to reduce their costs; it's vital to know how it works.
A Comparative Study of the Cyclic Nature of Maritime Industries Proposal National Geographic Society Proposed SOEng	Pending National Geographic Society research and exploration grant to analyze and compare the cyclic nature of marine resources and other maritime industries in Alaska and Papua New Guinea, with a focus on information transfer between the two areas on lessons learned. GIS mapping will be an integral part of the project.
Payload Project. Completed Alaska Dept. of Transportation. SOEng	Conducted feasibility studies for payload applications and proposed Alaska as a strategic test bed for emerging technology operations and management before nationwide or worldwide deployment. Intelligent Transportation Systems (ITS) are nationwide efforts to solve many transportation problems by employing advanced technologies such as communications, information and electronics technologies. PAYLOAD is a concept of international, intelligent, and intermodal freight tracking and transfer systems. It was conceived by Alaska DOT&PF as part of ITS efforts and assigned to the University of Alaska Anchorage under contract to conduct feasibility study for its various applications.
UA Fairbanks	
NorthSTAAR Active Arctic Region Supercomputing Center	The Northern Simulator of Terrain and Aviation Airspace Restrictions is a virtual flight simulator for use by military and civilian pilots to improve safety in shared-use airspace and more accurately familiarize new pilots with Alaska terrain.
Gas-to liquids (GTL) Active School of Management/SME	Research recognized by the oil industry as significant for North Slope natural gas. The Fairbanks Energy Center is working on more efficient and feasible means of providing energy to cold regions.
Improving the fisheries marketability Active SFOS	<ol style="list-style-type: none"> 1) Developing greater value from byproducts of seafood processing 2) New opportunities for flaked products from Pink Salmon 3) Surimi-based products for school food service programs 4) Perfection of new properties for engineered fish protein powder 5) Salmon caviar products: safety and quality determinations
Alaska Snow Crab Industry Assessment Active School of Management	Research examines the Alaska Snow Crab Fishery including its relationship with stellar sea lion habitat
Poker Flats Impact Study Active School of Management/Geophysical Institute	Research examines the environmental and economic impact of Poker Flats Range
Technology transfer success on the horizon. GI/FITC/Provost's Office	North American corporation has made an offer for a licensing agreement for the UAF pin-bone remover patent.

UA Southeast

AFG Southeast Alaska Sea Cucumber Research FY01 Active School of Liberal Arts & Sciences	Development and evaluation of a satisfactory method to estimate the abundance and exploitation rate of spot shrimp in two major fishing districts is important for the long term viability of the commercial fishing in Southeast Alaska.
Hormonal Regulation of growth in Snow Crab Active School of Liberal Arts & Sciences	Alaska snow crab (<i>Chionectes opilio</i>), the largest fishery in Alaska, has experienced an all time low record in the past decade. A better understanding of its biology will develop sustainable harvest strategies.
Dev of Rapid Biomass Assessment for AK Kelp Industry Active School of Liberal Arts & Sciences	Floating kelps commercially harvested in Alaska for a worldwide variety of uses like cosmetics has a promise of business opportunity valuable for small communities in Southeast Alaska.
FY02 AHFC Energy Efficiency Education Active Career Education	Provision of consumer energy education in rural and urban Alaska through workshops and published materials is a major contribution to ensure a higher degree of expectation for building better, healthier homes for Alaska families.

Measure: The quality of research as measured by annual citation and significant publications in referred journals. *(Developed jointly with Legislature in FY2001.)*

Current Status:

Goal: Maintain the number and quality of publications by UA faculty.

In 2001, 442 publications were tabulated in two major indexes and, since 2000, units within the university reported a total of 1,157.

In 2000, 415 publications were tabulated in two major indexes and, since 1999, units within the university reported a total of 856.

Background and Strategies:

There are two ways in which to display the number of publications produced by UA faculty; one is by searching databases of publication indexes and the other a list of the number of faculty publishing and the journals in which they are publishing.

The table below shows the result of searches done on two major indexes for journal publications of University of Alaska faculty and research staff in 1999, 2000, and 2001. The Institute for Scientific Information (ISI) index includes scholarly publications in the social sciences, sciences and the arts and humanities. The number of publications has increased by 72% in Cambridge Scientific Abstracts (CSA) and by 28% in ISI from 1999 to 2001.

Number of Publications by Index and Year of Publication

Index	1999	2000	2001
Cambridge Scientific Abstracts (CSA)			
Aquatic Sciences and Fisheries Abstracts (ASFA)	44	36	78
Biological Sciences	52	61	91
Environmental Sciences and Pollution Management	45	53	73
MEDLINE	25	31	59
Oceanic Abstracts	29	23	37
Plant Science	10	13	23
TOXLINE	5		
Total CSA	210	217	361
Institute for Scientific Information (ISI) Total	346	415	442

The table below shows a summarization from the units that 260 faculty per year published 856 journal articles since 1999 in at least 90 different publications including Nature, Zoology, Critical Care Nurse, Journal of Cold Regions Engineering, ARCTIC, and Teacher Education and Practice. Some of the publications included books or chapters for books. In 2001, there were 1,141 publications produced by faculty.

Number of Published Faculty and Number of Publications by MAU and School/College Since 1999

	School/College	Number of Publications 1999-2000	Number of Publications 2001
UAA	CBPP	6	24
	CBPP / ISER	11	
	Community & Technical College		1
	College of Arts & Sciences		100
	College of Health & Social Welfare		
	Center for Alcohol & Addiction Studies	2	
	Center for Human Development	2	
	Justice Center	7	
	School of Nursing	4	
	School of Social Work	6	
	Total	21	12
	Education	13	2
	Engineering	13	2
	UAA Total	64	125
UAF	College of Liberal Arts	91	124
	College of Rural Alaska		15
	College of Science, Engineering & Mathematics		149
	Geophysical Institute	194	236
	Institute of Arctic Biology	110	137
	Institute of Northern Engineering	56	65
	International Arctic Research Center	46	52
	Library	2	
	Museum	22	
	Provost		1
	School of Agriculture and Land Resources Mgt	71	98
	School of Fisheries and Ocean Sciences	149	83
	School of Management	21	25
	School of Mineral Engineering	10	18
	UAF Total	772	1003
UAS	Govt.	4	3
	History	4	6
	Public Admin.	2	
	Sociology	2	
	Psychology		1
	Science		3
	Other	8	
UAS Total	20	13	
UA Total	856	1141	

Strategy: Maintaining a Solid Foundation

Measure: The retention rate of full-time students in degree programs.

(Developed jointly with Legislature in FY2001)

Current Status:

Goal: Over three years (from 2000), increase retention rate for baccalaureate degree-seeking first-time freshmen to 71%.

2001-2002: UA system wide retention rate of first-time full-time baccalaureate degree-seeking freshmen was 65.5%.

2000-2001: UA system wide retention rate of first-time full-time baccalaureate degree-seeking freshmen was 67.8%.

Benchmark:

The university participates in the Consortium for Student Retention Data Exchange (CSRDE), a national survey which tracks the retention of first-time full-time baccalaureate degree seeking freshmen from fall to fall. In the most recent CSRDE survey (June 2002) 96 institutions described as less selective (indicating open admissions and high part-time enrollment) had an average retention rate for the 1994 - 2000 cohorts from the first year to second of 69.2%. Other studies have shown lower retention rates, but for a less well-defined group of students. For example, in the August 2001 Opportunity, the average persistence rate to the second year for freshmen who began in fall 1999 was 60.6% for 152 four-year institutions with an open admissions policy.

Background and Strategies:

A National Center for Education Statistics report (August 2001) found that the strongest predictor of degree attainment, and thus retention, was the academic preparation from high school. Nationally, in general, the retention rate to the second year has been decreasing. The table below shows the retention rate for UA as well as the CSRDE less selective institutions from 1993 through 2002. UAF is close to the 71% goal this fall by retaining nearly 70% of first-time full-time baccalaureate degree seeking students from fall 2001 to fall 2002 compared to 62% from fall 2000 to fall 2001. The overall decrease in retention when comparing last fall to this fall was primarily due to a decrease at UAA. System-wide, the number of students enrolled in this well-defined cohort has increased by 48% from 1993 to 2002. The increased number attending, largely due to UAA recruitment efforts, is likely impacting the retention rate. This is an area we will be examining closely. Additional information regarding UA Scholars and other first-time freshmen retention can be found on the Statewide Budget and Institutional Research web site: <http://info.alaska.edu/oir>.

UA Retention Rate of First-time Full-time, Baccalaureate Degree-Seeking Freshmen:

Year	Headcount	Percent Retained to 2nd Year	CSRDE Less Selective Retention Rate to 2nd Year
1993-94	846	66.4%	68.2%
1994-95	903	62.9%	67.1%
1995-96	827	67.0%	67.9%
1996-97	913	67.8%	69.0%
1997-98	871	64.8%	70.2%
1998-99	1,015	62.9%	69.5%
1999-00	1,008	67.6%	68.7%
2000-01	1,127	67.8%	70.6%
2001-02	1,250	65.5%	
% Change 93 - 02	48%		
% Change 98 - 02	23%		

Note: Data for 1993 - 1998 may differ from previously reported numbers as that information was updated using consistent methodologies with current definitions.

Strategy: Attracting and Retaining Alaska's Students

Measure: The graduation rate of full-time students in degree programs.*(Developed jointly with Legislature in FY2001.)***Current Status:**

Goal: Starting with the 1999-2000 first-time freshmen class, increase six-year graduation rates (by 2006) for baccalaureate degree-seeking first-time freshmen to 30%.

The six-year graduation rate for the class of 1995 is 21.2%.

The six-year graduation rate for the class of 1994 is 21.2%.

Benchmark:

The latest information available for six-year graduation rates are for the class of 1995 showing 21.2% of the first-time freshmen graduated within six years.

Background and Strategies:

The participation in the Consortium for Student Retention Data Exchange (CSRDE), a national survey which tracks the retention of first-time full-time baccalaureate degree-seeking freshmen from fall to fall, also tracks the graduation rate of those students. Retention rates drive the graduation rates and UA is closely monitoring retention. Improved programs that were put in place during the last three years will affect the six-year graduation rate for the 1999 cohort with the results available in summer 2006. The most recent rates available from CSRDE show a six-year graduation rate for the cohort of first-time full-time baccalaureate degree-seeking freshmen that started fall 1995 at UA is 21.2% compared to the 34.0% average graduation rate at 96 less selective institutions (indicating open admissions and high part-time enrollment). 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. These actions coupled with the effort of retaining students will impact this measure positively.

<u>Year</u>	<u>Headcount</u>	<u>Six-Year Graduation Rate</u>	<u>CSRDE Less Selective Six-Year Graduation Rate</u>
1993-94	846	26.5%	33.6%
1994-95	903	21.2%	33.1%
1995-96	827	21.2%	34.0%

UA anticipates a graduation rate of 30% with the 1999-00 class. By 2006 there will be 302 graduates from this cohort compared to 174 from the 1995-96 cohort.

Strategy: Attracting and Retaining Alaska's Student

Meeting Alaska's Employment Needs

Measure: The comparative scores of students who take professional examinations.

(Developed jointly with Legislature in FY2001.)

Current Status:

Goal: Meet or exceed the national average on scoring or pass rates for students who take professional exams.

Out of the 43 tests results reported, 31 have national comparisons and 21 of 31 programs show results above national average. For 5 of the 12 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.

Benchmark:

For programs requiring exit or professional exams, the benchmark is appropriate national or state scores and/or pass rates.

Background and Strategies:

The university is in the process of identifying and collecting the scores and pass rates of students on the professional exams administered. This is not a single measure, but rather a listing of programs that administer professional exams and the resultant scores or pass rates as appropriate. The table below lists the name of the test, the number of students who were administered the test, the average score and or pass rate at UA, as well as the national comparison when it was available. Out of the 43 tests results reported, 31 have national comparisons and 21 of 31 programs show results above national average while 4 equal the national average. For 5 of the 12 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.

Number of Students Taking Professional Exams by MAU and School, Exam Type, and Pass Rates (Both UA and National)

MAU/School	Examination Type	Test Date	UA Students Tested	UA Pass Rate	National Pass Rate
UAA - SOEng	FE licensure, BS Civil Engr.	Oct-01	9	89%	76%
UAA - SOEng	FE licensure, BS Civil Engr.	Apr-02	16	69% ¹	77%
UAA CTC ALC	GED Exam	AY 01-02	125	72%	64% pass
UAA CTC CA&H	National Restaurant Association Sanitation Exam	Spring 2002	26	89%	85% pass
UAA CTC CA&H	Registered Dietician Exam	Open Testing	2	100%	NA
UAA CTC DA	CDA-Dental Assisting	June 2002	8	88%	NA
UAA CTC DH	National Dental Hygiene Exam	April 2002	12	94%	NA ²
UAA CTC DH	Regional Boards-Anesthesia	May 2002	12	100%	NA
UAA CTC DH	Regional Boards-Clinical	May 2002	13	100%	NA
UAA, CAS	ETS Major Field Test - Sociology	Spring 2002	15	91%	NA
UAA, CHSW	ASWB Intermediate Exam Results, MSW Program	2002	4	100%	76%
UAA, CHSW	RN Licensure - AAS Nursing (Anchorage Based Students)	Spring 2002	24	88%	84.00%
UAA, CHSW	RN Licensure - AAS Nursing (Distance Students)	Spring 2002	19	100%	84.00%
UAA, CHSW	RN Licensure - AAS Nursing (All Students)	Spring 2002	40	93% ³	84.00%
UAA, CHSW	RN Licensure - BS Nursing	Fall 2001	24	92% ⁴	84.00%
UAA, CHSW	RN Licensure - BS Nursing	Spring 2002	38	92% ⁵	84.00%
UAA, CHSW	RN Licensure - BS Nursing	Winter 2000	23	79% ⁶	85.80%
UAF, CLA	ACAT - Social Work	April 2002	13	77%	NA
UAF, CLA	ACAT - Social Work/Rural Students	April 2002	4	91%	NA
UAF, CSEM	FE - Civil Engineering	April 2002	2	0%	79%
UAF, CSEM	FE - Civil Engineering/General	April 2002	3	67%	73%
UAF, CSEM	FE - Electrical Engineering	April 2002	5	80%	80%
UAF, CSEM	FE - Electrical Engineering/General	April 2002	1	100%	71%

UAF, CSEM	FE - Geol&Geophys/General	April 2002	2	50%	61%
UAF, CSEM	FE - Mechanical Engineering	April 2002	1	100%	90%
UAF, CSEM	FE - Mechanical Engineering/General	April 2002	13	92%	88%
UAF, CSEM	FE - Petroleum/General	April 2002	1	100%	61%
UAF, CSEM	FE- Materials/General	April 2002	2	50%	78%
UAF, SME	FE - Fundamentals of Engineering	April 2002	5	80%	NA
UAF, SME	FE - Fundamentals of Engineering	October 2001	2	50%	NA
UAF, SOE	PRAXIS I - CBT	2000-2001	15	100%	99%
UAF, SOE	PRAXIS I - CBT Mathematics	2000-2001	15	100%	100%
UAF, SOE	PRAXIS I - CBT Reading	2000-2001	13	100%	100%
UAF, SOE	PRAXIS I - PPST Mathematics	2000-2001	52	100%	100%
UAF, SOE	PRAXIS I - PPST Reading	2000-2001	54	100%	99%
UAF, SOE	PRAXIS I - PPST Writing	2000-2001	53	100%	99%
UAF, TVC	AAMA - Medical Assistant	January 2002	14	85%	55%
UAF, TVC	Nursing Assistant	May 2002	14	100%	NA
UAS	National Cert. Exam for Health Info. Mgmt.	Fall 2001	6	100%	NA
UAS	Nursing Aide Registry (CNA)	Spring 2001	64	97%	81%
UAS	Nursing Aide Registry (CNA)	Spring 2002	18	94%	86%
UAS	Water and Wastewater Operator Cert.	Summer 2001	3	100%	72% ⁷
UAS	Water and Wastewater Operator Cert.	Summer 2002	11	91%	72% ⁷

¹Several students were allowed to take the exam without being fully prepared.

²UAA ranked 6th out of 236

³Results available for only 88% of graduates.

⁴Results available for only 89% of graduates.

⁵Results available for only 77% of graduates.

⁶Four of the five who were initially unsuccessful have since passed the exam; the fifth has not yet re-attempted the exam.

⁷State passing rate as the test is unique to the State of Alaska

Strategy: Meeting Alaska's Employment Needs

Measure: Over the next three years, increase enrollments by 5%.

(Not yet addressed by Legislature)

Current Status:

Preliminary Fall 2002 enrollment figures indicate an increase of 6.4% in headcount over Fall 2001 and 8.6% over Fall 1999.

Fall Semester

- Student FTE 1999: 14,784
- Student FTE 2000: 14,939
- Student FTE 2001: 15,375
- Student Headcount 1999: 30,249
- Student Headcount 2000: 30,480
- Student Headcount 2001: 30,626

Benchmark:

Headcount Fall Semester 1997: 31,184

Headcount Fall Semester 1998: 31,106

Background and Strategies:

The university, as the provider of community college and university higher education mission for the state, serves both traditional and non-traditional aged students. Traditional students make up 35% of student headcount and are focused more on baccalaureate programs. Non-traditional age students make up 65% of UA's student headcount and are more focused on graduate instruction, associate degrees, and other professional development.

The university is increasing the student population by expanding degree program offerings in areas targeted as most important to the economy of the state, including information technology, nursing, education, finance, e-commerce, and wildlife. Currently, UA offers less than half of the degree programs of other western states with smaller populations. In the last year, however, with the investment of initiative funding, the Board of Regents has approved 28 new degree programs, while eliminating 5 programs for a net increase of 23 degree programs. Having the appropriate breadth of relevant degree programs in the state is key to increasing the student headcount. Another area UA is pursuing to increase the number of students is enhanced student services in recruitment, retention, financial aid, advising, and standard electronic student services.

UA has budgeted for a 5% percent increase in enrollment in FY03. Enrollment increases contribute to tuition, which in turn helps fund programs, salary maintenance, and fixed cost increases. Continued program growth and base investment is necessary to reach this enrollment target.

Strategy: Maintaining a Solid Foundation
Keeping Pace with Technology
Attracting and Retaining Alaska's Students
Meeting Alaska's Employment Needs
Preparing for Alaska's Economic Success

Status of FY2001 Performance Measures

	<i>Achieved</i>	<i>On track</i>	<i>Too soon To tell</i>	<i>Not likely To achieve</i>	<i>Needs Modifi- cation</i>
• The number and percentage of recent Alaska high school graduates who attend the University of Alaska.		X			
• The number and percentage of total Alaska high school graduates who attend the University of Alaska as UA Scholars.		X			
• The number and percentage of total Alaska high school graduates who stay in Alaska one year, five years, and 10 years after graduation.		X			
• 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		X			
• The number of University of Alaska graduates, by community of origin and by community of current employment, who are new teachers.				X	X
• The number of University of Alaska graduates, by community of origin and by community of current employment, who are new principals or new superintendents.			X		
• The number and percentage of total credit hours and courses offered by distance delivery.	X				
• The cost per credit hour delivered by distance delivery.					X
• The pre-training wage as compared to the post-training wage for voc-ed graduates.	X				
• The amount of research grants in arctic biology, climate change, resource development, fisheries and ocean science, logistics, geosciences, and atmospheric.		X			
• The number of graduate students whose education is funded by research grants.	X				
• The occurrences of applied research benefiting the state's economy.		X			
• The quality of research as measured by annual citation and significant publications in refereed journals.		X			
• The retention rate of full-time students in degree programs.			X		
• The graduation rate of full-time students in degree programs.			X		
• The comparative scores of students who take professional examinations.		X			
• Over the next three years, increase enrollments by 5%.		X			

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 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, 2002 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, 2002 of \$67.4 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
June 30, 2002

	Land-Grant Trust Fund	Inflation- Proofing Fund	Revenue Fund	Natural Resources Fund
Assets:				
Cash	\$ 524,717	\$ 1,233,256	\$ --	\$ 5,106,371
Due from University of Alaska	4,598,739	--	--	--
Receivables (net)	5,067,698	215,196	--	--
Investments	67,355,669	6,086,830	--	--
Real property	33,578,039	7,508,417	--	--
Total assets	111,124,862	15,043,699	--	5,106,371
Liabilities:				
Security deposits	5,732,346	--	--	--
Note payable	--	2,430,188	--	--
Net assets	<u>\$ 105,392,516</u>	<u>\$ 12,613,511</u>	<u>\$ --</u>	<u>\$ 5,106,371</u>

Schedule of Changes in Net Assets
For the Year Ended June 30, 2002

Revenue and other additions:

Sale, lease, or transfer of real property, materials and mineral interests	\$ 2,993,778	\$ 238,544	\$ --	\$ --
Cost basis of property sold	(467,819)	--	--	--
Net sales	2,525,959	238,544	--	--
Net realized and unrealized losses from investments	(6,930,443)	(635,304)	--	--
Investment income	--	--	2,972,762	--
	<u>(4,404,484)</u>	<u>(396,760)</u>	<u>2,972,762</u>	<u>--</u>

Expenditures and other deductions:

Development project costs	2,119,257	--	--	--
Designated project costs	--	291,688	--	--
Natural Resources Fund projects	--	--	--	3,862,017
	<u>2,119,257</u>	<u>291,688</u>	<u>--</u>	<u>3,862,017</u>

Transfers:

Provision for land management operations	--	--	(436,516)	--
Transfer for spending allowance in excess of current income	(508,056)	(54,405)	562,461	--
Natural Resource Fund allocation	--	--	(3,098,707)	3,098,707
	<u>(508,056)</u>	<u>(54,405)</u>	<u>(2,972,762)</u>	<u>3,098,707</u>
Net increase (decrease) in net assets	(7,031,797)	(742,853)	--	(763,310)

Net assets at beginning of year	112,424,313	13,356,364	--	5,869,681
Net assets at end of year	<u>\$ 105,392,516</u>	<u>\$ 12,613,511</u>	<u>\$ --</u>	<u>\$ 5,106,371</u>

See accompanying notes to these schedules.

Land-Grant Endowment Funds
Notes to the Financial Schedules
June 30, 2002

1. By Acts of Congress in 1915 and 1929, the university was granted approximately 110,000 acres of land which the territory, and later the state of Alaska, managed on behalf of the university. The university currently holds approximately 88,000 acres of these lands 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 represents the university's original land grant, invested proceeds from the development of these resources and appreciation of invested funds. Receivables of approximately \$5.1 million are primarily from sales of trust land, timber and mineral interests. Investments of approximately \$67.4 million are held in a consolidated endowment fund under the direction of the University of Alaska Foundation. The fund is managed by the Foundation's investment committee and treasurer on a total return basis 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 of \$5.7 million are held for security or performance on contracts and other leases. Net assets include \$5.5 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. Approximately \$0.8 million of the assets invested in the Commonfund are dedicated for use on projects approved by the Board of Regents. 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 \$12.6 million are considered accumulated net earnings, of which \$0.5 million is designated for future renewal and replacement of investment property and \$0.8 million is designated for other projects.
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 \$291,688 previously authorized by the Board of Regents were made from dedicated receipts of the Inflation-Proofing Fund.
8. The Revenue Fund provides for a reserve equal to next year's land management operating budget. In fiscal year 2002, the Revenue Fund distributed \$436,516 to the reserve. The reserve balance at June 30, 2002 of \$867,100 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 amount for fiscal year 2002 was \$3,535,223. To meet the spending allowance, \$508,056 and \$54,405, were transferred from the Land-Grant and Inflation-Proofing funds, respectively. The spending allowance transfers include a provision of \$436,516 for land management operating costs and \$3,098,707 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 next nine years for the facilities, and 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 \$47,963 was received in 2002, reducing the receivable balance at June 30, 2002 to \$178,037. 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, 2002

Project	Available June 30, 2001	New Awards & Transfers	Expen- ditures	Available June 30, 2002
NATURAL RESOURCES PROJECTS				
Agriculture				
UAA/Wetlands Mercury	\$ 10,596	\$ -	\$ 5,946	\$ 4,650
UAF/Forage Management	70,338	-	7,784	62,554
UAF/Ginseng Cultivation	3,061	-	-	3,061
UAF/Ginsenosides Evaluation	1,139	-	1,139	0
UAF/Natural Resources/High School	410	-	227	183
UAF/Qiviut Processing	1,117	(1,066)	51	0
UAF/Raspberry Production	927	-	429	498
UAS/Contaminants in Peat Soil	7,954	-	4,829	3,125
UAS/Rainfall Factors	11,337	-	1,783	9,554
Fisheries				
UAA/Aquatic Macroinvertebrate Tolerance	14,644	-	3,684	10,960
UAA/Eklutna River Restoration Project	20,000	(20,000)	-	0
UAA/Marketing Internships	7,632	-	4,007	3,625
UAA/Water Quality Database	1,575	-	1,575	0
UAF/Characteristics of Luminous Salmon Bacteria	-	19,415	10,368	9,047
UAF/Develop Sensor-Monitor Low Vapor Pressure	-	8,600	5,207	3,393
UAF/Fish Productivity Factors	3,550	-	3,550	0
UAF/NOAA Facility	450,000	150,000	432,625	167,375
UAF/Pin Bone Demonstration	147	(147)	-	0
UAF/Prince of Wales Island Aquaculture	-	20,000	1,015	18,985
UAF/Sea-Air-Land Modeling & Observing	-	89,646	89,376	270
UAF/Walrus Management	113	(113)	-	0
UAS/Aquatic Invertebrates Catalog	1,519	-	500	1,019
UAS/Crab Nurseries	11,990	-	7,632	4,358
UAS/Develop Remote Biomass Technology for Kelp	-	10,000	-	10,000
UAS/Fisheries Technology Program	-	14,645	3,131	11,514
Forestry				
UAA/Spruce Bark Beetle Research Cood. Committee	6,362	-	104	6,258
UAF/Boreal Forest Management	6,928	-	-	6,928
UAF/Factors Influence Spruce Bark Beetle	29,514	-	25	29,489
UAF/Forest Mapping	6,039	-	-	6,039

Land Grant Endowment Funds

Project	Available June 30, 2001	New Awards & Transfers	Expen- ditures	Available June 30, 2002
UAF/Forest Regrowth Model	5,155	-	-	5,155
UAF/Forest/Habitat Inventory	6,756	-	5,737	1,019
UAF/Forestry Symposium	22,420	(22,420)	-	0
UAF/Global Forest Mapping - 4th Science Meeting	1,545	-	-	1,545
UAF/Management Plan - UA Experimental Forest	23,035	-	11,459	11,576
UAF/NEON Program Planning Meeting	-	22,420	-	22,420
UAF/Nitrogen Cycling	5,033	-	4,918	115
UAF/Plant-Microbe Interactions	6,004	-	5,966	38
UAF/Spruce Beetle Resistance	967	-	967	0
UAF/Testing of Alaska Trusses	-	20,000	519	19,481
UAF/What is Forestry?	-	23,000	2,829	20,171
Animals				
UAA/Moose Habitat	1,307	-	-	1,307
UAF/Black Brent Geese Populations	36	(36)	-	0
UAF/Canine Research	826	-	826	0
UAF/Virus Epidemiology	2,786	(2,781)	5	0
UAF/Walrus Stock Analysis	3,400	-	-	3,400
UAS/Ring Seal Survey	29,000	-	-	29,000
Minerals				
UAA/ASET Certification for Arsenic	-	25,000	-	25,000
UAA/Mercury Toxicity	74	-	-	74
UAF/Biological Recovery of Gold	19,918	-	11,283	8,635
UAF/Coal Washing Circuit	702	-	(558)	1,260
UAF/Effects of Measurement Errors on Segregation Algorithm	-	14,000	-	14,000
UAF/Natural Gas Market	3,429	-	2,522	907
UAF/Noninvasive Environmental Monitoring	12,886	-	9,444	3,442
UAF/Overcome Effect of Low Temperature on Soil	-	19,869	2,760	17,109
UAF/Sedimentology NE Alaska	17,628	-	2,190	15,438
UAF/Sequence Stratigraphy & Geochemistry of Triassic	18,588	-	7,543	11,045
UAF/Oil Economics/High School	22,878	-	3,611	19,267
UAS/Identifying Mineralogy of Glacially Eroded Sediment	-	5,070	-	5,070
Resources Management, Marketing, Education, and Other				
UAA/ANCSA Land Management	13,520	-	90	13,430
UAA/ARLIS Bibliography	16,000	-	16,000	0
UAA/Geologic Concepts	4,971	-	-	4,971
UAA/Natural Heritage Website	2,218	-	2,218	0
UAA/Natural Resource Atlas for K-12	24,582	-	24,582	0
UAA/Natural Resource Mgmt/Leadership Training	31,224	-	23,549	7,675

Project	Available June 30, 2001	New Awards & Transfers	Expen- ditures	Available June 30, 2002
UAA/Natural Resource & Environmental				
Research Internship Program	-	22,000	379	21,621
UAA/Pollutant Assay	281	-	106	175
UAA/Resource Atlas	9,253	-	-	9,253
UAA/Sea Ice Atlas	20,755	-	5,701	15,054
UAA/Water Quality Assay	632	-	632	0
UAA/UA Wildlands Center	-	17,088	7,504	9,584
UAF/Alaska Landscapes: Educational Outreach	-	20,700	-	20,700
UAF/Circumpolar Monographs	2,368	-	-	2,368
UAF/Data Initiative Planning	65,771	(65,771)	-	0
UAF/Environmental Policy Training Assessment	28,377	-	25,205	3,172
UAF/Exhibit Evaluation	3,779	-	-	3,779
UAF/Market Study for Natural Gas Pipeline	-	11,300	4,723	6,577
UAF/Natural Resources Planning	1,839	-	1,839	0
UAF/New SAR Mission	26,166	-	2,604	23,562
UAF/Oil Contracts	3,511	-	2,240	1,271
UAF/Online Arctic Engineering Course	7,330	-	-	7,330
UAF/Partnership in Arctic Research & Education	-	22,000	-	22,000
UAF/Remote Sensing Demonstration	7,636	-	1,953	5,683
UAF/Resource Ambassador Program	86	-	-	86
UAF/Snow & Ice Research - Teachers	31,655	-	9,507	22,148
UAS/Response of Mendenhall Glacier to Climate Change	-	26,800	6,158	20,642
UAS/Satellite Images	1,195	-	-	1,195
UAS/Student Field Camp	4,970	-	3,175	1,795
SYS/Competitive Grants	150,000	(124,580)	-	25,420
<i>sub-grants to:</i>				
UAA/Competitive Grants	100,000	100,000	30,726	169,274
UAF/Competitive Grants	100,000	100,000	58,983	141,017
UAF/Caribou Herds at LARS Facility	-	5,000	400	4,600
UAF/EPSCOR	-	10,000	10,000	0
UAF/Multi-modal Corridor Study	-	100,000	12,861	87,139
UAF/Research Assistantship - Natural Gas Pipeline	-	15,000	10,379	4,621
UAF/School Accountability in Alaska	-	8,555	-	8,555
UAF/Toolik Water System Upgrade	-	55,000	13,483	41,517
UAF/UAA EPA EPSCOR	-	49,840	-	49,840
UAS/Competitive Grants	50,000	50,000	31,361	68,639

Land Grant Endowment Funds

Project	Available June 30, 2001	New Awards & Transfers	Expen- ditures	Available June 30, 2002
Water				
UAA/Statewide Water Quality Clearinghouse	29,916	-	-	29,916
UAA/Community Based Water Quality Assessment	-	24,000	349	23,651
UAA/Harbor Seal Use of Marine Habitat	-	18,500	9,760	8,740
UAF/Statewide Needs Assessment	-	19,178	-	19,178
UAS/Sediment in Mendenhall Lake	24,022	-	20,610	3,412
UAS/Undergraduate Research	21,835	-	11,001	10,834
OTHER PROJECTS				
Distance Delivery, Technologically Enhanced Instruction				
UAA/Gartner Learning/Net G	25,824	(25,824)	-	0
UAF/Classroom, Network Development	13,970	-	645	13,325
UAF/Instructional Technology Center	11,170	-	10,765	405
UAS/Classroom, System Enhancement	2,268	(106)	2,162	0
SYS/UA Learning Cooperative	9,658	150,000	154,961	4,697
Faculty Development				
UAF/Promoting Teacher Retention & Renewal	-	25,000	-	25,000
SW/Faculty Development	2,564	-	-	2,564
Outreach/Public Service				
PWSCC/4th, 5th Annual Theater Conference	-	15,000	14,221	779
UAF/Fairbanks Science Center	5,100	-	-	5,100
UAF/School Accountability in Alaska	-	33,800	17,453	16,347
UAF/Science for Alaska Lectures	10,000	-	7,643	2,357
UAF/University of Alaska Press	-	80,000	80,000	0
UAS/Statewide Composition Conference	367	(367)	-	0
Program Development/Enhancement				
UAA,UAF,UAS/Engineering Collaboration	8,518	(342)	176	8,000
UAF/Circumpolar Region Database	2,480	-	-	2,480
UAS/Dual Credit English Courses	4,130	-	1,154	2,976
UAS/Program Consolidation	1,060	(631)	429	0
SYS/Academic Program Support	444,587	(378,185)	57,079	9,323
<i>sub-grants to:</i>				
UAA/Alaskool	-	30,000	5,321	24,679
UAF/Arctic Energy Technology Dev Lab DOE Match	-	80,000	20,905	59,095
UAF/Transportation Research - FAA Match	-	50,000	34,367	15,633
UAF/Women's Center	-	7,500	7,500	0
SW/2002 UA Academy Meeting	-	17,630	17,630	0
SW/UA Human Resource Review	-	28,055	28,055	0

Project	Available June 30, 2001	New Awards & Transfers	Expen- ditures	Available June 30, 2002
SYS/Collaborative Program Development	20,388	(20,388)	-	0
<i>sub-grants to:</i>				
UAA/PhD Biological Science	3,909	-	277	3,632
Research, Scholarship, Creative Activity				
UAF/Alaska EPSCOR	42,561	-	42,561	0
UAF/UA-ADEC MOA Administration	7,460	-	1,746	5,714
UAF/UA/MIT MOA	8,373	-	2,208	6,165
Student Services				
UAF/Employer Recruitment	2,369	(2,369)	-	0
UAF/Science Intern Waivers	3,214	(3,214)	-	0
UAS/Meteorological Station	264	-	-	264
UAS/Undergraduate Science Research Travel	4,892	-	1,698	3,194
SW/NW Student Leadership Conference	300	-	300	0
SYS/Alaska Scholars Program	290,016	2,000,000	2,277,262	12,754
SYS/Tuition Waiver Program, Coop. Scholarships	37,936	100,000	70,413	67,523
	<u>2,618,535</u>	<u>3,065,271</u>	<u>3,862,017</u>	<u>1,821,789</u>
Undistributed				
Closed projects	103,659	17,768	-	121,427
FY01 Transfer	132,331	(132,331)	-	0
FY02 Transfer	3,015,156	(2,950,708)	-	64,448
FY03 Transfer	-	3,098,707	-	3,098,707
	<u>\$ 5,869,681</u>	<u>\$3,098,707</u>	<u>\$ 3,862,017</u>	<u>\$ 5,106,371</u>

Summary of New Awards and Transfers

	<u>Natural Resource Projects</u>	<u>Other Projects</u>	<u>Total</u>
UAA	\$ 200,588	\$ 18,834	\$ 219,422
UAF	697,189	270,717	967,906
UAS	106,515	(1,104)	105,411
Systemwide	<u>(124,580)</u>	<u>1,897,112</u>	<u>1,772,532</u>
Total	<u>\$ 879,712</u>	<u>\$ 2,185,559</u>	<u>\$ 3,065,271</u>

Tables

One - Actions Regarding Certificate and Degree Programs

Two - Capital Projects Completed in FY02

Three - Capital Projects Started in FY02

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 FY02 Regarding University
of Alaska Certificate and Degree Programs**

Addition of University of Alaska Certificate and Degree Programs in FY02

<u>Institution</u>	<u>Program</u>	<u>Date Approved</u>
UAA	Certificate in Heavy Duty Transportation	December 7, 2001
UAA	Associate of Applied Science in Heavy Duty Transportation	December 7, 2001
UAA	Associate of Applied Science in Logistics Operations	December 7, 2001
UAF	Master of Science in Computational Physics	December 7, 2001
UAF	Ph.D. in Engineering	December 7, 2001
UAA	Certificate in Geographic Information Systems	March 8, 2002
UAA	Certificate in Massage Therapy	March 8, 2002
UAA	Certificate in Applied Ethics	March 8, 2002
UAA	Bachelor of Science in Medical Technology	March 8, 2002
UAA	Bachelor of Arts in Philosophy	March 8, 2002
UAA	Certificate in Pharmacy Technology	June 13, 2002
UAA	Associate of Applied Science in Radiologic Technology	June 13, 2002
UAA	Bachelor of Arts in Early Childhood Education	June 13, 2002
UAA	Master of Public Health in Public Health Practice	June 13, 2002
UAF	Certificate in Health Care Reimbursement	June 13, 2002
UAF	Masters in Software Engineering	June 13, 2002

Deletion of University of Alaska Certificate and Degree Programs in FY02

<u>Institution</u>	<u>Program</u>	<u>Date Deleted</u>
UAF	Master of Arts in Elementary Education	June 13, 2002
UAF	Bachelor of Education	June 13, 2002

Major Revisions of University of Alaska Certificate and Degree Programs in FY02

<u>Institution</u>	<u>Program</u>	<u>Date Revised</u>
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none

Capital Projects Completed in FY02

University of Alaska Anchorage

<i>UAA FY97 Deferred Maintenance/Code Corrections/Renovation</i>	
KPC Ward Bldg. Walkway Modifications (design)	42,874
<i>UAA FY99 Deferred Maintenance</i>	
K Bldg. Interior Renovations, Phase II	800,000
PWSCC Boiler Replacement	116,188
<i>UAA Library (planning/design) (parking garage/ ped. walkway)</i>	
	9,530,000
UAA ADA "K" Bldg. (RSA w/state)	24,000
<i>UAA FY01 Deferred Maintenance</i>	
Science Bldg. Lab Deferred Maintenance/Renovation	526,184
CAS IT Renovation, Phase II	643,000
PWSCC Boiler Replacement	176,316
<i>UAA FY02 Construction/Renovation</i>	
Campus Center Remodel/Facility Planning	298,000
Heating/Cooling Pipe Replacement (Science to Engineering)	189,162
UAA KOC Parking Lot Expansion	50,000
UAA KOC Voc-Tech Classroom Rehab/Completion	400,000
UAA total	\$12,795,724

University of Alaska Fairbanks

<i>UAF Repair and Maintenance</i>	
Admin Center Parking Lot (West)	24,980
Admin Center Rm 101 Remodel	4,250
AFES Farm Waterline	22,958
Arctic Health ATCO Electrical	18,980
Arctic Health ATCO Metal Skirting	7,423
Arctic Health ATCOs SW	4,100
Arctic Health Entry Door	20,250
Butrovich Condenser Discharge Plenum	11,222
Butrovich Parking Lot Seal	26,195
Campus Entrance Sign--Sheep Creek	45,610
Duckering Blinds and Shelving	14,205
Duckering Mechanical Room	13,500
Duckering New Furniture	26,825
Duckering Smart Classroom	2,909
Elvey Auditorium Asbestos Removal	24,747
Elvey Auditorium Renovation	48,900
Elvey Circulating Pump Replacement	8,720
Fairbanks Street Guardrail	7,884
Honors House Asbestos Removal	3,729

Table 2

UAF Repair and Maintenance (continued)

Honors House Electrical	11,953	
Honors House Fire Alarm	15,231	
Honors House Flooring	2,916	
Honors House Mechanical	19,452	
Honors House Structural Renovations	13,090	
Kuskokwim Way Road Improvements	49,142	
Lola Tilly Sidewalk	9,300	
O'Neill Building New Office	19,269	
Parking Lot Upgrade Upper Dorm Complex	864,183	
Patty Ice Arena Sound System	36,574	
Pedestrian Improvements Yukon Drive	76,650	
Physical Plant Air Conditioning Unit	5,635	
Taku Parking Lot	203,764	
Taku Stairs Removal	13,300	
Telephone Utilities Cable Storage Shed	64,750	
U Park Curb Replacement	4,990	
U Park Generator Replacement	4,905	
U-Park Guardrail Installation	9,975	
U-Park Mechanical Room	53,966	
Wood Center Drywhite Projection Screen	9,950	
Yukon/Tanana Loop Asphalt Patch	25,523	1,851,905
<i>UAF Poker Flat Research Range</i>		
Admin Center HVAC	17,656	
Antenna Pad	9,456	
Double Gate	3,896	
Fiber Optic	199,980	
Land Clearing	3,360	
"Red" House Move	4,400	
Remote Operations Center Electrical	9,540	
Septic System Repair	9,075	
Trenching Project	19,500	276,863
<i>UAF Code Corrections</i>		
O'Neill Rm 218 Remodel	3,320	
Power Plant Transfer Switch	57,451	60,771
<i>UAF Rural Campuses or Remote Facilities</i>		
Alpha Helix Isolation Transformer	5,973	
Alpha Helix Electrical Work	10,142	
Alpha Helix Overhaul Engine	16,116	
Alpha Helix Wet Lab Cabinets and Counters	27,556	
Chukchi Core Area Renovation	88,950	
Chukchi Office Remodel	9,850	
Chukchi Ventilation Improvement	6,196	
Chukchi Window Replacement and Fence Skirting	68,750	
King Salmon Super DARN	372,500	
Northwest Electrical Improvement	316,853	
Northwest Electrical Improvement	14,845	

UAF Rural Campuses or Remote Facilities (continued)

Northwest Heating and Plumbing Upgrades	90,000	
Northwest Piling Painting	78,569	
Northwest Piling Renewal	4,634	
Northwest Window Replacement	77,233	
Seward Dock Maintenance	18,998	
Seward Marine Center HVAC	25,309	
Seward Overhead Door	7,693	
Seward Replace 2 Boilers	14,907	1,255,074

UAF Deferred Maintenance

Brooks Building Terra Tek Move	4,875	
Bunnell Heating Upgrade	35,988	
Cutler Complex Exterior Painting	117,977	
Duckering Replace Panel Shop	20,719	
Fine Arts Dimming System	279,560	
Fine Arts Taku Tunnel Closure	230,200	
Gruening Backfill Move	79,840	
Lola Tilly Sidewalk	2,660	
Original Duckering Deferred Maintenance	8,611,185	
Parking Lot Upgrade Upper Dorm Complex	283,717	
Physical Plant Deferred Maintenance	2,575,370	12,242,091

UAF Campus (other)

Butrovich Projection Screens	19,726	
Butrovich Space Planning--Architectural	65,358	
Butrovich Space Planning--Electrical	22,893	
Butrovich Space Planning--Mechanical	23,571	
Butrovich Space Planning--Move	18,524	
Carlson Center Locker Room	34,331	
CIGO Outdoor Concrete Pylon	7,350	
Duckering Telephone Room Mod	14,465	
Elvey Cable Tray	6,900	
Gruening Faculty Offices	9,598	
Gruening Remodel Office	23,077	
Hess Commons Rec Center Renovations	231,685	
Hess Village Carpet/Vinyl 3 apts	12,116	
Hess Village New Vinyl	11,427	
Hess Village Window Replacement	10,152	
Hess Village Windows--4 apts	16,545	
IARC Antenna Installation	45,000	
Land Management Tree Removal	13,333	
Lola Tilly Salad Bar	33,730	
Lola Tilly Wall Cutouts	8,880	
Off Campus Fencing Project	19,919	
Power Plant Switchgear Room Sealing	16,680	
President's House Landscaping	6,000	
Schaible House Waterline Repair	10,935	
Taku Parking Lot Curb	11,070	

Table 2

U Park Smart Kitchen	41,443	734,708
<i>UAF Other Appropriations</i>		
Fine Arts ADA Improvements (State RSA)	102,745	
Butrovich Capital Improvements	578,900	
Museum Blockhouse Move	6,250	
Seward UST Heating Oil Replacement	84,725	772,620
UAF total		\$17,194,032
University of Alaska Southeast		
Ketchikan		
**Paul Bldg. Roof (transferred to Hamilton Reroof)	175,000	
(was not completed, money transferred)		
UAS total		<u>\$175,000</u>
Grand total University of Alaska capital projects completed in FY02		<u>\$17,369,032</u>

Capital Projects Started in FY02

University of Alaska Anchorage

<i>UAA FY99 Deferred Maintenance</i>		
PWSCC Boiler Replacement	116,188	
<i>UAA FY01 Deferred Maintenance</i>		
PWSCC Boiler Replacement	176,316	
<i>UAA FY02 Construction/Renovation</i>		
Science Facilities Upgrade/Renovation	3,350,000	
Arts Building Ventilation Air for Fume Hoods	200,000	
Student Housing Safety Upgrades	1,230,200	
Student Housing Heating System/Comm Upgrade	310,838	
Wendy Williamson Renovation	450,000	
Campus Directional Wayfinding	450,000	
Gordon Hartlieb Bldg. Sprinklers	310,000	
Renovate "K" Bldg. Phase III	2,200,000	
"K" Bldg. Educational Leadership Program Exp.	361,000	
PEF Swimming Pool Replacement	600,800	
Campus Center Remodel/Facility Planning	298,000	
UAA Master Planning	200,000	
KPC Kachemak Bay Campus Planning	50,000	
Heating/Cooling Pipe Replacement (Science to Engineering)	189,162	10,492,504
UAA KOC Parking Lot Expansion	50,000	
UAA KOC Voc-Tech Classroom Rehab/Completion	400,000	
UAA MSC Ortner Warehouse Replacement	654,000	
UAA PWSCC Cultural Center/Voc-Tech Training Design/Const/Acq.	150,000	1,254,000
UAA total		\$11,746,504

University of Alaska Fairbanks

<i>UAF Poker Flat Research Range (federal funds)</i>		
Antenna Pad	9,456	
Double Gate	3,896	
Fiber Optic Cable	199,980	
Land Clearing	8,000	
Move "Red" House	4,400	
Remote Operations Center Electrical	9,540	
Septic System Repair	9,075	
Trenching Project	19,500	
Warm Storage Maintenance Facility	451,783	715,630
<i>UAF Rural Campuses or Remote Facilities</i>		
Alpha Helix Electrical Work	10,142	
Alpha Helix Isolation Transformer Installation	5,973	
Alpha Helix Overhaul Engine	16,708	

Table 3

UAF Rural Campuses or Remote Facilities (continued)

Alpha Helix Wet Labs Cabinets/Countertop	27,556	
Chukchi Campus Gravel	4,710	
Chukchi Campus Office Remodel	9,850	
Chukchi Ventilation Improvement	6,450	
Interior Aleutians (Tok) Heating	8,009	
Mat-Su Farm Fume Hood	53,799	
Northwest Campus Satellite Ballast Replace	6,752	
Northwest Campus Satellite D Office	10,314	
Northwest Campus Various Electrical Work	15,000	
Seward Paint Apt Complex Roof	14,280	
Seward Parking Lot Seal	5,106	
Seward Dock Maintenance	18,358	
Seward Marine Center HVAC	25,309	
Seward Overhead Door	7,693	246,009
<i>UAF Code Corrections</i>		
Power Plant Transfer Switch	57,451	
Elvey Basement Asbestos Abatement	86,748	
O'Neill Rm 218 Remodel	3,320	147,519
<i>UAF Repair and Maintenance</i>		
Yukon Drive Crosswalk	16,000	
Admin Center East Parking Lot	72,535	
AFES Farm Waterline	45,000	
Arctic Health ATCO Electrical	18,980	
Arctic Health ATCO Entry	20,200	
Arctic Health ATCO Metal Skirting	7,423	
Arctic Health ATCO SW	4,100	
Campus Entrance Sign--Sheep Creek	4,110	
Duckering Mechanical Room	13,500	
Duckering New Furniture	20,000	
Duckering Smart Classroom	2,909	
Elvey Auditorium Renovation	48,900	
Elvey Auditorium Asbestos Abatement	24,747	
Elvey Circulating Pump Replacement	8,720	
Fairbanks Street Guardrail	7,884	
Hess Village Fire Alarm	149,978	
Honors House Asbestos Removal	3,729	
Honors House Electrical	11,953	
Honors House Fire Alarm	17,339	
Honors House Flooring	2,916	
Honors House Fuel Tank	5,355	
Honors House Mechanical	19,452	
Honors House Structural Renovations	13,090	
Irving 1 Environmental Chambers (w/grant funds)	337,015	
Irving Window Wall	219,290	
Lola Tilly Sidewalk	9,300	
MBS Headbolt Controls	7,058	
O'Neill Building New Office	19,269	

UAF Repair and Maintenance (continued)

Parking Lot Asphalt Patching	18,727	
Parking Lot Harwood Hall	33,886	
Parking Lot Upgrade Upper Dorm Complex	864,183	
Taku Parking Lot	148,200	
Taku Stairs Removal	13,300	
Telephone Cable Storage Shed	64,750	
U-Park Curb Replacement	4,990	
U-Park Generator Replacement	4,905	
U-Park Guardrail Installation	9,975	
Whitaker Building Kitchen Remodel	69,125	
Wood Center Drywhite Projection Screens	9,950	2,372,743

UAF Deferred Maintenance

Brooks Terra Tek Move	3,500	
Campuswide Roof Inspections	8,500	
Duckering Blinds and Shelving	14,205	
Duckering Replace Panel Shop	20,719	
Fine Arts Deferred Maintenance	4,584,584	
Gruening Backfill Carpet	69,636	
Gruening Backfill Modifications	88,712	
Gruening Backfill Move	87,900	
Hess Village Retaining Wall	43,007	
Lola Tilly Sidewalk	2,660	
Parking Lot Upgrade Upper Dorm Complex	283,717	
Physical Plant Exterior Painting	10,832	
Yukon Drive Asphalt	84,355	5,302,327

UAF Campus

AFES Farm Heat Load	7,857	
AFES Farm Well--Fairbanks	9,300	
Arctic Health Convert Labs 111/113	12,326	
Arctic Health Lab 013	42,819	
Arctic Health Rm 182	84,496	
Art Department Wood Kiln	11,657	
Butrovich Space Planning--Architectural	65,358	
Butrovich Space Planning--Electrical	22,893	
Butrovich Space Planning--Mechanical	23,571	
Carlson Center Hockey Lockers	54,605	
CIGO Outdoor Concrete Pylon	7,350	
Elvey Cable Tray	6,900	
Elvey Lab Remodel	201,799	
Hess Commons New Door	3,420	
Hess Village Asbestos Removal	6,338	
Hess Village Drywall	7,900	
Hess Village Fire Alarm	82,978	
Hess Village New Carpet	20,987	
Hess Village New Windows	45,385	
Hess Village Playground Equipment	38,000	

Table 3

<i>UAF Campus (continued)</i>		
Hess Village Roofing Phase II	185,400	
Hess Village Vinyl/Carpet	23,543	
Hess Village Window Installation	10,152	
IARC Antenna Installation	45,000	
Irving 1 Environmental Chambers (w/ R&M funds)	412,985	
Land Management Tree Removal	13,333	
Lola Tilly Wall Cut-out	8,880	
Lola Tilly Salad Bar	33,730	
Nike Missile Site Clean-up	67,940	
Off Campus Fencing Project	19,919	
O'Neill Lab 359 Air Balancing	6,004	
President's House Landscaping	6,000	
Schaible House Plumbing	8,000	
Statewide Compact Storage	31,975	1,628,800
<i>UAF Other Appropriations</i>		
Fine Arts ADA Improvements (State RSA)	102,745	
Museum Blockhouse Move	6,250	
Museum Expansion Sitework	537,000	
Museum Install Site Camera	7,084	
Seward UST Heating Oil Replacement	84,725	
Whitaker Hall Fire Sprinklers	32,900	770,704
UAF total		\$11,183,732
University of Alaska Southeast		
<i>Juneau</i>		
Egan Library Classroom Addition Phase II	2,500,000	
Noyes Outdoor Pavilion	574,000	
Campus Fire Pump	1,321,500	4,395,500
<i>Ketchikan</i>		
Robertson/Hamilton TEC Remodel	1,500,000	
Hamilton Reroof	175,000	1,500,000
(money transferred from Paul Bldg. Ketchikan)		
UAS total		<u>\$ 5,895,500</u>
Grand total of University of Alaska capital projects started in FY02		<u>\$28,825,736</u>

FY02 Capital Appropriations
(In Thousands)

	State Funds	Non-State Funds	Total
Systemwide			
Safety and Highest Priority Renewal and Replacement	\$	\$2,000,000	\$2,000,000
Essential Instructional and Telecommunications Improvements	1,875,000		1,875,000
Systemwide Small Planning/Design/Construction		2,500,000	2,500,000
University of Alaska Anchorage			
Safety and Highest Priority Renewal and Replacement	3,140,200		3,140,200
Community Campus Improvements	1,254,000		1,254,000
Science Facilities, Biomedical Upgrade/Renovations and Master Planning	3,600,000		3,600,000
Replace Swimming Pool/Campus Center Remodel & Facility Planning	898,800		898,800
Air Traffic Control Simulator		2,500,000	2,500,000
Educational Leadership Program Expansion - K Building	361,000		361,000
Renovate K Building - Phase III	2,200,000		2,200,000
Small Business Development Center	450,000		450,000
University of Alaska Fairbanks			
Safety and Highest Priority Renewal and Replacement	1,015,000		1,015,000
Community Campus Improvements	1,425,000		1,425,000
Museum Expansion	8,000,000		8,000,000
Arctic Region Supercomputer		30,000,000	30,000,000
University of Alaska Southeast			
Safety and Highest Priority Renewal and Replacement	1,321,500		1,321,500
Community Campus Improvements	1,625,000		1,625,000
Egan Classroom Addition	2,500,000		2,500,000
Total	29,665,500	37,000,000	66,665,500
Less non UA Budget Appropriations	(400,000)		(400,000)
Total UA Budget Appropriations	\$29,265,500	\$37,000,000	\$66,265,500

Table 5

Degrees Awarded by Level and Campus

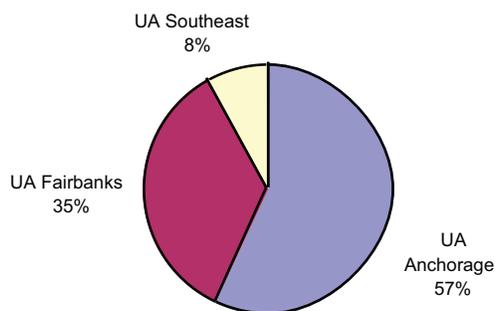
FY01

	Certificate		Associate		Bacca- laureate	Master's	Doctorate	Total
	(1 yr)	(2 yr)	(AAS)	(AA)				
Anchorage	15	29	207	173	705	178		1,307
Kenai	4	5	17	27				53
Kodiak			2	7				9
Mat-Su	1	5	29	34				69
Military				20				20
PWSCC		2	8	11				21
Fairbanks		2	4		434	125	27	592
College of Rural Alaska								0
Bristol Bay		8	7	3	2			20
Chukchi		2		1	1			4
Interior-Aleutians		9	3	3	3			18
Kuskokwim		5	1	9	7			22
Northwest					1			1
Tanana Valley		78	128	37				243
Juneau		8	18	35	79	43		183
Ketchikan		1	1	5				7
Sitka	5		8	9				22
UA Anchorage	20	41	263	272	705	178	0	1,479
UA Fairbanks		104	143	53	448	125	27	900
UA Southeast	5	9	27	49	79	43	0	212
UA System	25	154	433	374	1,232	346	27	2,591

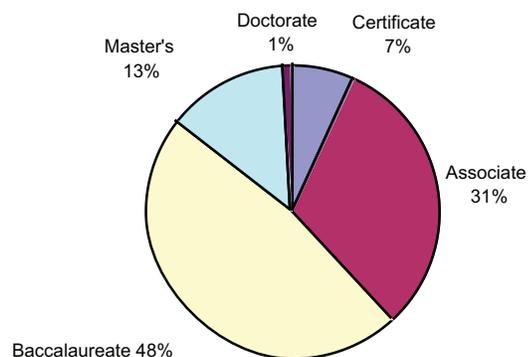
Note: Degrees awarded for Kachemak Bay Branch are reported with Kenai Campus.

Source: Data Supplied by MAUs via UA Information Systems: Banner SI Closing Extract 2001. Compiled by Statewide Budget and Institutional Research.

Proportion of Degrees Awarded by MAU

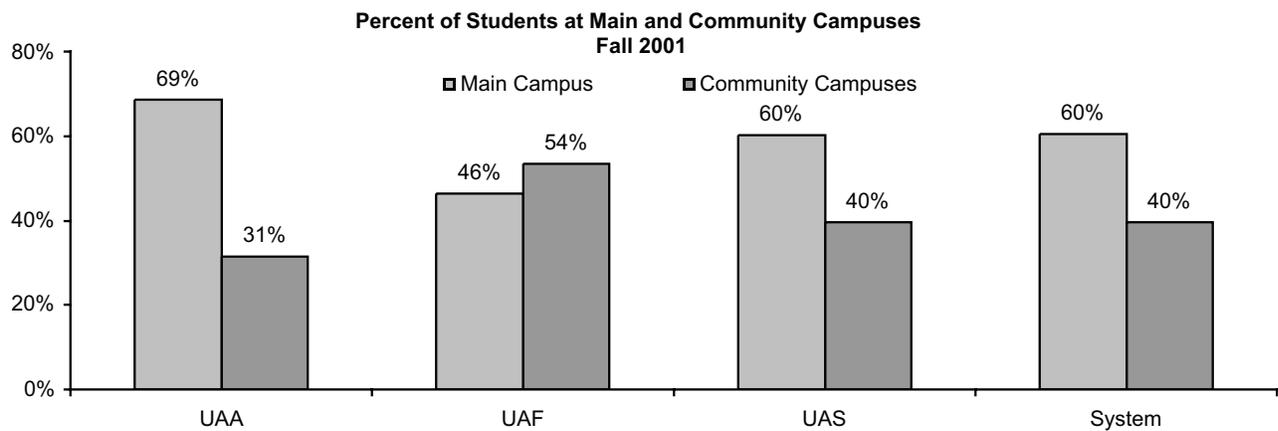


Proportion of Degrees Awarded by Level



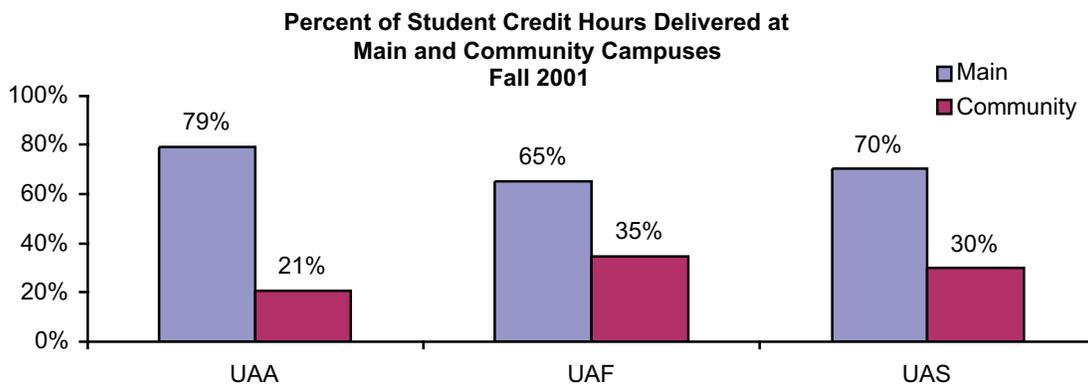
Headcount by Campus
Fall 1997 - 2001

	Fall Semester					% Change	% Change
	1997	1998	1999	2000	2001	1997-2001	2000-2001
Anchorage	12,609	13,559	13,148	12,857	12,818	1.7	-0.3
Kenai	1,205	1,197	1,116	1,146	1,308	8.5	14.1
Kachemak Bay	384	422	337	413	384	0.0	-7.0
Kodiak	681	665	677	757	786	15.4	3.8
Mat-Su	1,285	1,236	1,448	1,515	1,594	24.1	5.2
Military	450	348	308	406	364	-19.1	-10.3
PWSCC	1,663	1,926	1,552	1,459	1,427	-14.2	-2.2
Fairbanks	5,514	5,110	4,957	4,938	5,137	-6.8	4.0
College of Rural Alaska							
Bristol Bay	640	475	589	531	406	-36.6	-23.5
Chukchi	284	169	249	216	193	-32.0	-10.6
Interior/Aleutians	556	689	594	676	625	12.4	-7.5
Kuskokwim	354	366	334	335	307	-13.3	-8.4
Northwest	377	291	391	523	410	8.8	-21.6
Rural College	1,015	731	721	819	1,175	15.8	43.5
Tanana Valley	2,554	2,533	2,601	2,726	2,802	9.7	2.8
Juneau	2,698	2,604	2,515	2,754	2,758	2.2	0.1
Ketchikan	488	576	549	465	462	-5.3	-0.6
Sitka	1,535	1,315	1,251	1,265	1,352	-11.9	6.9
UA Anchorage	17,987	19,063	18,339	18,268	18,391	2.2	0.7
UA Fairbanks	9,011	8,235	8,250	8,463	8,421	-6.5	-0.5
UA Southeast	4,617	4,337	4,162	4,330	4,382	-5.1	1.2
UA System	31,184	31,106	30,249	30,480	30,625	-1.8	0.5



**Student Credit Hours by Campus
Fall 1997 - 2001**

	Fall Semester					%	%
	1997	1998	1999	2000	2001	Change 1997-2001	Change 2000- 2001
Anchorage	102,049	104,520	104,154	103,783	106,147	4.0	2.3
Kenai	7,091	7,208	6,685	7,022	8,193	15.5	16.7
Kachemak Bay	1,705	1,819	1,258	1,580	1,520	-10.9	-3.8
Kodiak	2,271	2,385	2,168	2,909	3,001	32.1	3.2
Mat-Su	8,690	8,289	8,853	9,102	9,614	10.6	5.6
Military	2,106	1,609	1,423	1,916	1,739	-17.4	-9.2
PWSCC	4,364	4,484	4,104	3,899	3,792	-13.1	-2.7
Fairbanks	52,051	46,298	44,564	44,212	45,096	-13.4	2.0
College of Rural Alaska							
Bristol Bay	1,374	1,074	1,398	1,231	1,110	-19.2	-9.8
Chukchi	904	559	700	790	591	-34.6	-25.2
Interior/Aleutians	1,267	1,497	1,560	2,115	1,723	36.0	-18.5
Kuskokwim	1,326	1,629	1,344	1,762	1,550	16.9	-12.0
Northwest	1,007	752	1,210	1,367	1,267	25.8	-7.3
Rural College	3,435	2,618	2,506	2,808	4,305	25.3	53.3
Tanana Valley	12,440	12,523	13,205	13,284	13,564	9.0	2.1
Juneau	15,971	15,105	15,038	15,398	16,111	0.9	4.6
Ketchikan	2,019	2,330	2,414	2,017	2,132	5.6	5.7
Sitka	5,666	4,771	4,400	4,071	4,712	-16.8	15.7
UA Anchorage	128,276	130,313	128,645	130,211	134,006	4.5	2.9
UA Fairbanks	73,804	66,950	66,487	67,569	69,205	-6.2	2.4
UA Southeast	23,656	22,205	21,851	21,486	22,955	-3.0	6.8
UA System	225,736	219,468	216,983	219,265	226,165	0.2	3.1



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.

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