PERFORMANCE 13 University of Alaska Anchorage





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ELISHA ("BEAR") R. BAKER IV, Provost and Vice Chancellor, Academic Affairs

WILLIAM SPINDLE, Vice Chancellor, Administrative Services

BRUCE SCHULTZ, Vice Chancellor, Student Affairs

MEGAN OLSON, Vice Chancellor, University Advancement

RENEE CARTER-CHAPMAN, Senior Vice Provost, Academic Affairs

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John Stalvey, Dean

COLLEGE OF BUSINESS AND PUBLIC POLICY

Rashmi Prasad, Dean

COLLEGE OF EDUCATION

Ed McLain, Interim Dean (7/2012-7/2013)

Heather Ryan, Dean (effective 8/2013)

COLLEGE OF HEALTH

William Hogan, Dean

COMMUNITY AND TECHNICAL COLLEGE

Karen Schmitt, Dean

CONSORTIUM LIBRARY

Steve Rollins, Dean

SCHOOL OF ENGINEERING

Orson Smith, Interim Dean (9/2011-7/2013)

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CURRICULUM AND ASSESSMENT

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KODIAK COLLEGE

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Talis Colberg, Director

PRINCE WILLIAM SOUND COMMUNITY COLLEGE

Wes Lundburg, Interim President (3/2012-4/2013)

Jacob Ng, President (effective 7/2013)

UNIVERSITY GOVERNANCE

FACULTY SENATE

Robert Boeckmann, President, 2012-13 Mark Fitch, President, 2013-14

UAA ASSEMBLY

Deborah Narang, President 2012-13 Elizabeth Winfree, President 2013-14

CLASSIFIED COUNCIL

Connie Dennis, President, 2011-13 Kathleen McCoy, President 2013-14

APT COUNCIL

Melodee Monson, President, 2011-13 Christine Lidren, President 2013-14

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New Leaders



ELISHA "BEAR" R. BAKER IV, Ph.D., was named provost and vice chancellor for Academic Affairs in December 2012 after serving as interim provost since March 2012. Baker came to UAA in 2003, where he held the prestigious Harold T. Craven Professorship, and served as dean of the College of Business and Public Policy. He earned his Ph.D. in Systems Engineering from Clemson University.

HEATHER RYAN, Ph.D., accepted the position of dean of the College of Education effective July 1. Ryan served as the associate dean of Student Services and Undergraduate Programs and chair of Educational Psychology since 2009

at the University of Regina in Canada. She has also held faculty positions at the University of Alberta, Alberta College and at Massey University in New Zealand. She holds a Ph.D. in Educational Psychology from the University of Alberta, Edmonton.

WILLIAM HOGAN was named dean of the College of Health. Hogan has served as a leader in health care administration in Alaska in various public agencies, most recently as a senior fellow for the Recover Alaska Initiative with the Alaska Mental Health Trust Authority. He earned his Master of Science in Social Work from West Virginia University.

TIEN-CHIEN JEN, Ph.D., started as dean of the School of Engineering in May 2013. Most recently Jen served as interim dean for the College of Engineering and Applied Science at the University of Wisconsin at Milwaukee where he had served on the faculty since 1997. Jen earned his Ph.D. in Mechanical and Aerospace Engineering from UCLA and was elected as a fellow to the American Society of Mechanical Engineers in 2011.

RASHMI PRASAD, Ph.D., was named dean of the College of Business and Public Policy. He has been a faculty member at UAA for 11 years, serving as director of the M.B.A. Program and chair of the University Honors Council. He earned his Ph.D. in Business Administration at the University of Kentucky.









HEATHER RYAN TIEN-CHIEN JEN

RASHMI PRASAD

JACOB NG

JACOB NG, Ph.D., became the fourth president of Prince William Sound Community College (PWSCC) July 1. Ng has 28 years of leadership experience working in the California Community College System. Ng holds a doctorate in community college leadership/higher education administration from Oregon State University.

DAVID DANNENBERG joined UAA as the director of the Faculty Technology Center last July. He spent 12 years at the Nature Conservancy headquarters in Virginia where he created a strong international online learning presence for the organization. He is completing his doctorate in Instructional Design and Technology at Virginia Polytechnical University.

PAT SHIER started as Chief Information Officer (CIO) for UAA on February 4. Shier served as the CIO and director of Enterprise Technology Services since 2011 and has served on the Alaska Board of Education and Early Development since 2007. A lifelong Alaskan, he has more than 20 years experience working for the State of Alaska in several divisions.

LACY KARPILO, Ph.D., started as associate vice chancellor on May 20 in the new division of Student Access, Advising and Transition in Student Affairs, after four years as director of Residence Life for the Anchorage campus. Karpilo holds a doctorate in Education and Human Resource Studies, with an emphasis in higher education, from Colorado State University.

ERIN HOLMES, Ph.D., joined UAA on June 1 as associate vice provost for Institutional Research. Holmes has 26 years of higher education experience, with more than 12 years as Director of Institutional Research in three different universities, most recently at Black Hills State University. She earned her doctorate in Public Policy and Public Administration from Mississippi State University.

RACHAEL MORSE, was named associate vice chancellor for Alumni Relations after serving as interim director since July 2012. Morse earned her M.B.A. at UAA's College of Business. Prior to joining UAA, she worked with RuralCap.

RYAN MCCARTHY was selected as the Seawolves' women's basketball coach last August. McCarthy played professional basketball in Oregon and Europe. In 2007 he joined Northwest Nazarene University's coaching staff where he served as assistant, interim head and associate head coach.

MATT THOMAS was named head hockey coach in June. The fifth head hockey coach in UAA program history, Thomas was a head coach and general manager in the East Coast Hockey League (ECHL) for nine years, including more than four years with the Stockton Thunder. He has a lifetime coaching record of 342-225-80 and ranks No. 5 on the professsional league's all-time wins list.









PAT SHIER LACY KARPILO

ERIN HOLMES

MATT THOMAS

Honors & Awards



2012 BULLOCK PRIZE FOR EXCELLENCE

STEVE J. LANGDON, professor of anthropology, was the 2012 recipient of the University of Alaska Foundation's *Edith R. Bullock Prize for Excellence*. A lifelong Alaskan, Professor Langdon joined the faculty at UAA in 1976.

Langdon is not only recognized as one of the top social scientists in Alaska, but is highly regarded in his field nationally and internationally. He served as National Science Foundation Cultural Anthropology Program Director from August 2010 to August 2011.

During his 36 year tenure at UAA he has inspired many students to further their



education and contribute to their communities through research and teaching. His work has influenced public policy regarding fisheries and development. His book, *The Native People of Alaska*, first published in 1986, has contributed to greater understanding of Alaska's indigenous people and is just one of many ways that Langdon's work has had a lasting, positive impact.

HONORARY DEGREES

Honorary Doctor of Humane Letters: EMIL NOTTI, first president of the Alaska Federation of Natives, former commissioner of the Alaska Department of Community and Regional Affairs, and former president of Doyon, Limited.

Honorary Doctor of Humane Letters: TOM SEXTON, former Alaska poet laureate and UAA Professor Emeritus of English. He taught English and creative writing from 1976 to 1994.

ALUMNI OF DISTINCTION

CAROL COMEAU, M.Ed. '86, LL.D. '07, Alumni of Achievement

ROALD HELGESEN, BA Political Science, '94, Alumni Humanitarian Award

CANDICE MCDONALD, BBA Business Management, '05, MS Global Supply Chain Management, '08, Alumni Emerging Leader Award

MERITORIOUS SERVICE AWARDS

The Meritorious Service Awards recognize individuals for their significant service to UAA, its community campuses, and/or to an Alaska community. The 2013 recipients were:

JANE ANGVIK, member of the UAA Board of Advisors and a leader in Alaska public policy since 1973;

CAROL SWARTZ, director of the Kenai Peninsula College Kachemak Bay Campus and founder of the Kachemak Bay Writers' Conference;

DAVID WIGHT, former president of Alyeska Pipeline Service Company and active board member on several community organizations; and

PAT WOLF, distinguished director of the Anchorage Museum from 1987 to 2007.

EMERITI



MICHAEL T. TURNER, Professor Emeritus of Counseling



M. HILARY DAVIES,

Professor Emerita of Mathematics

UNIVERSITY AND PROGRAM HONORS

The Alaska Native Science and Engineering Program (ANSEP) made Harvard's top 25 list of "Innovations in American Government" for its positive impact on the next generation workforce.

UAA's Journalism and Public Communications program made College Media Matters' list of the 50 Best Journalism Schools and Programs at U.S. Colleges and Universities.



The University of Alaska Anchorage's *Tree Campus USA* designation was renewed for a fourth year.

UAA was recognized as a *Military Friendly School* by G.I. Jobs for the fourth year for its strong support of military students and veterans on campus.





UAA was recognized by the *President's Higher Education Community Service Honor Roll* for the third time. The Honor Roll recognizes institutions of higher education for their commitment to and achievement in community service.

UAA was featured in the March 11 issue of the national publication, *Diverse: Issues in Higher Education*, for creating a friendlier and more accessible campus for students with disabilities.



UAA Languages Department Chair NATASA MASANOVIC accepts the Governor's North Star Award for International Excellence from Lt. Governor Mead Treadwell in recognition of the department's exceptional accomplishments in mentoring students for international scholarships and exchanges.



Provost Bear Baker and his wife Pat with CAROL SWARTZ (far right), Kachemak Bay Campus Director and recipient of the Meritorious Service Award and the Governor's Award for Distinguished Service to the Humanities in recognition of her 26 years of leadership at the Kachemak Bay Campus and her role as founder of the Kachemak Bay Writers' Conference.

FACULTY HONORS AND AWARDS

Justice Center Director ANDRÉ B. ROSAY was awarded a *Visiting Executive Research Fellowship* for 2012-2014 with the National Institute of Justice. Rosay is the first Alaskan to be awarded this fellowship.

JEFF WELKER, professor in Biological Sciences, served as the 2012-2013 *Fulbright U.S. Arctic Chair* and was based at the University Centre in Svalbard, Norway where his work focused on winter ecology.



E.J. DAVID, assistant professor of psychology, received the Asian American Psychological Association *Early Career Award for Distinguished Contributions to Research.*

DARRIN MARSHALL, an instructor in automotive technology, was awarded *Technical Instructor of the Year* by the International Association of General Motors Automotive Service Educational Program.

Honors & Awards

FACULTY HONORS AND AWARDS



JOAN KANE, adjunct faculty in the English Department, received the Association of Writers & Writing Programs (AWP) *Donald Hall Prize for Poetry* for her collection, *Hyperboreal*. The prize includes a \$5,000 award supported by Amazon.com and publication by the University of Pittsburgh Press.

DAVID STEVENSON, director of the Department of Creative Writing and Literary Arts, received the first annual *Montana Prize for Fiction* and \$1,000 from the *Whitefish Review*, a literary journal based in Montana, for his story, "The Bear Outside the Door."

KYLE HAMPTON, assistant professor and director of the Center for Economic Education, was named one of the *Top Forty Under 40* by the *Alaska Journal of Commerce*.

RYAN FORTSON, assistant professor in the Justice Center, received the *Ben Walters Distinguished Service Award* from the Anchorage Bar Association.



JOHN DEDE, SHAWNALEE WHITNEY, DEBORAH PERIMAN, HEATHER CALDWELL and HEATHER NASH were recognized for their contributions for faculty development and support by the Center for Faculty Excellence (CAFE).

STAFF HONORS AND AWARDS

BOB MCDONNELL, director of Business Services, received the 2013 *Operations Award* from the Northwest Association of College and University Housing Officers.

KATHY IVIE, payroll coordinator for Human Resource Services for more than 10 years, received the 2013 *Bill Rose Memorial Award* for superior performance in Administrative Services.

ZLATA LOKTEVA, administrative assistant, Civil Engineering, received the 2013 *Staff Make Students Count Award*. Lokteva was one of four recipients within the UA system recognized for outstanding service to students.

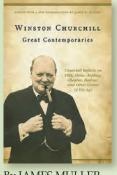
BOOKS BY UAA FACULTY



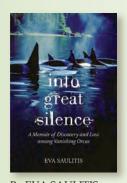
By JO-ANN MAPSON (Creative Writing & Literary Arts)



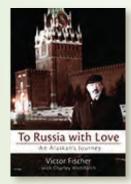
By SARA LOEWEN-DANELSKI (Kodiak College)



By JAMES MULLER (Political Science)



By EVA SAULITIS (Creative Writing & Literary Arts). Also published "Many Ways to Say It"

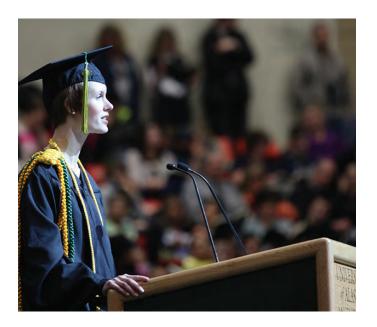


By VIC FISHER (former director of ISER)

NOT PICTURED:

STUDENT HONORS AND AWARDS

KELSEY WALDORF was the 2013 UAA *Student Commencement Speaker*. A member of the University Honors College, a participant in the Forty-Ninth State Fellows program and a mentor with the UAA TAPESTRY program, Waldorf earned her BA in Justice with minors in Political Science and Communications. Her senior thesis was on privacy and domestic drone surveillance. Waldorf grew up in Homer where she was home schooled for most of her K-12 education.



WILLIAM GIEDOSH, a Russian major, was awarded a *U.S. Department of State Critical Languages Scholarship* to study Russian this summer. Giedosh is one of approximately 610 graduates and undergraduates in the U.S. selected for the program which was established to expand the number of Americans studying and mastering critical foreign languages.

RYAN BERGERSON and ALMA ABAZA, civil engineering majors, received the 2013 *Dr. Alex Hills Engineering and Civic Engagement Award* to help them continue their work on the use of porous concrete in Alaska. Two local companies, Anchorage Sand & Gravel and R&M Consultants are donating materials, facilities, and expertise to the project.

SARAH MCHENRY, sociology major, received the 2013 Second Bridge Award enabling her to travel to Kathmandu, Nepal to volunteer on a rural sustainable development project through World Wide Opportunities on Organic Farms Nepal.

CHRIS BARNETT, a biological sciences master's graduate, won the 2012 *Distinguished Thesis Award* for Biological Sciences, Mathematical and Physical Sciences, Life Sciences and Engineering presented by The Western Association of Graduate Schools Executive Board. His thesis was titled "Williams Syndrome Transcription Factor is Critical for Neural Crest Cell Formation in Xenopua Laevis" (African clawed frog). Professor JOCEYLN KREBS was his thesis advisor.

NEW RECORD GPA FOR SEAWOLVES

As a group, UAA student-athletes earned a record 3.21 GPA in 2012-13, with 17 Seawolves on the league's prestigious GNAC Faculty Athletic Representatives' Scholar-Athlete Award list (3.85+ GPA).



Three-time national champion distance runner MICAH
CHELIMO was voted the 201213 Great Northwest Athletic
Conference Male Co-Athlete of the Year, becoming just the second Seawolf to receive that honor. He was also voted Athlete of the Year by both the GNAC Indoor Track and Field and US Track & Field

and Cross Country Coaches Association. He earned the Outstanding Performer honors at the GNAC championship.

Women's Basketball star from Kodiak ALYSSA HORN is one of two athletes selected by the Great Northwest Athletic Conference to represent the league for the 2013 NCAA Woman of the Year award. Horn is one of 30 finalists out of 455 nominees to be considered for the national award which honors senior student-athletes for their collegiate achievements in service, leadership,



athletics, and academics. Horn compiled a 3.67 GPA and earned GNAC all-academic honors three times.

2012-13 Year in Review

DEGREES AWARDED UP 7.8 PERCENT



A record **2,489** degrees and certificates were awarded in 2012-13. The increase helped push the graduation rate to its highest level in 10 years (for details, see page 19).

The awards included 1,064 baccalaureate degrees, 2 doctorates, 312 master's degrees, 854 associate degrees,

136 occupational endorsements, and 112 certificates.

Programs begun in the last 3-5 years are having an impact, including MAP-Works® introduced in fall 2010 and expanded in fall 2012 to include all degree-seeking freshmen and sophomores, and the "Stay on Track" initiative launched in fall 2011 to encourage enrollment in 15+ credits per semester. Use of DegreeWorks, introduced in April 2008 to help students track their progress towards graduation, has improved the number of applications for graduation that are approved from 56 percent before 2008 to 80 percent this year.

NEW PROGRAMS

The following programs were approved by the Board of Regents and the Northwest Commission on Colleges and Universities (NWCCU) in FY13.

- Early Childhood Special Education Minor (Anchorage, College of Education)
- Health Sciences BS: new Health Educator and Pre-Professional tracks (Anchorage, College of Health)
- Legal Nurse Consultant Paralegal Undergraduate Certificate (Anchorage, College of Health)
- Legal Studies BA (Anchorage, College of Health)
- Paralegal Studies AAS (Anchorage, College of Health)
- Paralegal Studies Post-Baccalaureate Certificate (Anchorage, College of Health)
- Public Health Minor (Anchorage, College of Health)
- Retail Management Undergraduate Certificate (Anchorage, Community & Technical College)
- TAPESTRY Post-Secondary Transition Program Workforce Credential (Anchorage, College of Health)



SECOND CLASS OF DOCTORAL GRADUATES INCLUDES FIRST ALASKA NATIVE PH.D. FROM UAA

RUTH ZUNIGA, Ph.D. (from Costa Rica). Starts this fall as Assistant Professor and Director of Latino-Bilingual Track, Pacific University School of Professional Psychology, Hillsboro, OR. (*left*)

TINA WOODS, Ph.D. (Alaska Native from St. Paul Island). Started as Community Health Services Regional Administrator, Aleutian Pribilof Islands Association, St. Paul Island, AK. (*right*)



NEW VETERAN RESOURCE CENTER OPENED



TERRY JACKSON (1), UAA VetSuccess counselor, and JOHN JOHNSON (r), Military and Veteran Student Resource Center Coordinator.

UAA's **Military and Veteran Resource Center** opened in the Student Union. The new center provides access to VetSuccess on Campus coordinator, support for Student Veterans club and contributed to UAA's recognition as a Military Friendly School for the 4th consecutive year.

CREDIT TRANSFER PROCESSING

Streamlined credit transfers, increased collaboration with UAS and UAF resulted in 100% of General Education Requirement (GER) courses approved for the same GER requirements at each university in the University of Alaska system. New processes decreased processing time from 45 days in 2011 to 3 days in 2013, a 93 percent improvement.

FOCUSING ON STUDENT SUCCESS

The newly formed **Division of Student Access, Advising and Transition** focuses on providing a seamless comprehensive experience for students that begins before the student enters the university and provides guidance through admissions and their first year. The new associate vice chancellor for the division Lacy Karpilo began work in May.

Alaska Native Community Advancement in Psychology (ANCAP) launched in Fall 2012 has about 35 undergraduate and graduate student members. The new program evolved from its predecessor ANPsych. It is designed to encourage and support Alaska Natives working toward degrees in behavioral health fields.

RURAL PRINCIPAL PREPARATION PROGRAM EXCEEDS GOALS

Rural Alaska schools have a turnover rate as high as 40 percent for principals and administrators. The College of Education's **Rural Alaska Principal Preparation and Support (RAPPS) Project** has focused on turning that number around.

The program began in 2009, led by Susan Garton, associate professor, Educational Leadership. The 5-year grant-funded program trained and placed 60 graduates, exceeding its original goal of training and placing 55 graduates as new principals in 17 high-need districts throughout Alaska. The last cohort completed the program in spring 2013.

The success of RAPPS, originally funded with \$3.6 million from the U.S. Department of Education, can be attributed to Garton's dedication as well as partnering organizations such as the Alaska Administrative Coaching Program, the Alaska Department of Education and the Alaska Staff Development Network.

"Our success is due to an unprecedented collaborative approach," said Garton, who believes that a rural cohort of graduate students is sustainable in the future without grant funding. She will be working to continue her service to rural districts.

ALASKA MIDDLE COLLEGE SCHOOL OPENS

In Spring 2013, 42 high school students registered through the Mat-Su Borough School District (MSBSD) to take college classes in the Alaska Middle College School at UAA's Community & Technical College's Chugiak-Eagle River campus. This first Alaska Middle College School is a partnership between the Mat-Su Borough School District and UAA providing MSBSD high school students the opportunity to earn credits toward a UAA associate of arts degree while completing their high school graduation requirements. The Margaret A. Cargill Foundation awarded \$160,000 for the 2013 Middle College School.

CENTER FOR HUMAN DEVELOPMENT CELEBRATES 20 YEARS

The Center for Human Development marked its 20th anniversary at an open house in September. The Center works to improve the quality of life for people who experience disabilities and their families



through interdisciplinary education, community training, technical assistance, research and information sharing.

2012-13 Year in Review

MORE STUDENTS LEARNING THROUGH COMMUNITY ENGAGEMENT AND RESEARCH

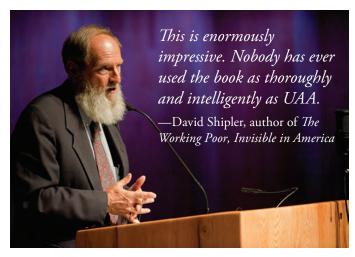


UAA student JENNY DIGAPPA served at Karluk Manor through her introduction to Civic Engagement

More students than ever are participating in undergraduate research and service-learning projects. In 2012-2013, 796 students worked with 96 community partners on service-learning projects, up from 454 students and 66 community partners the previous year.

UAA/APU BOOKS OF THE YEAR

Pulitzer Prize winning author DAVID SHIPLER met with community groups, visited the Anchorage campus and Mat-Su College, as well as Kodiak College via video-conference.



In Spring 2013, the UAA/APU Books of the Year program and associate professor Hermina Din (Art) supported ART491 Senior Seminar students in developing all aspects of an exhibit inspired by themes explored in David Shipler's book, *The Working Poor: Invisible in America.* The project included designing a catalogue of the exhibit for their professional portfolios.

UAA HOSTS FIRST EVER ALASKA NATIVE STUDIES CONFERENCE

MARIA WILLIAMS, director of Alaska Native Studies, along with colleagues at UAF and UAS, organized the first University of Alaska system-wide look at Alaska Natives in the academy.

The conference "Transforming the University: Alaska Native Studies in the 21st Century" was held April 5-6 and was

attended by more than 300 people. The keynote speaker was Graham Hingangaroa Smith, a Maori academic and distinguished professor of education from the University of New Zealand and his wife, Linda Smith, who opened higher education for their country's indigenous thinkers.



Experts in indigenous higher education came from around the country

and the world to present nearly 75 academic papers and lead 40 panels and workshops. Conference topics included Alaska Native leadership and education; oral traditions and contemporary texts, art and history; subsistence and sustainability; and more. One panel was titled "Speaking Truth to Each Other: Making Higher Education Accountable to Idigenous Communities." A pre-conference symposium, "The Things We Make: Alaska Native Art in the 21st Century" was held in partnership with the Anchorage Museum.

CAMPUS WORKING TOGETHER TO CREATE PRIORITIES

UAA began a program prioritization process modeled on Robert C. Dickeson's book, *Prioritizing Academic Programs and Services*. Intended to strengthen UAA's financial foundation in an era of higher education reassessment and reform, the process includes analyzing strategic costs and how current programs and services align with UAA's mission and Strategic



Plan 2017. Two task forces in academics and administration are developing criteria for the self-examination utilizing the best practices model from Dickeson's book.

ANONYMOUS GIFT SUPPORTS STUDENTS & UAA

A generous anonymous donor extended student scholarship support with a \$2 million planned gift to UAA. The gift established the **First Generation Endowed Student Scholarship**, for students who are the first in their family's history to attend college, with preference given to Alaska residents in financial need and who wish to remain in Alaska. In addition, the gift will support the Alaska Endowment for Excellence, to help stop the "brain drain" by supporting programs and academic endeavors to ultimately keep students in Alaska.



FACILITIES OPENINGS & GROUNDBREAKINGS

- Opening of the BP Asset Integrity and Corrosion Lab in Anchorage made possible with a \$1 million gift from BP Exploration Alaska
- Opening of the addition for a paramedic lab and classroom to Snodgrass Hall at Mat-Su College
- Opening of the completely renovated Natural Sciences Building in Anchorage
- Groundbreaking for the new Engineering Building in Anchorage and the Valley Center for Arts and Learning at Mat-Su College



BP Asset Integrity and Corrosion Lab.



Groundbreaking for Valley Center for Arts and Learning on July 18



ALASKA AIRLINES PLEDGES MORE THAN \$6 MILLION

Alaska Airlines, a long-time partner with the University of Alaska and generous sponsor and supporter of Seawolf Athletics, pledged \$6.3 million in support to UAA over the next 10 years. In honor of their historical and future financial commitment, the new campus sports arena will be named the Alaska Airlines Center. The gift includes \$1 million to create a new scholarship endowment for UAA Seawolf student athletes. A large portion of this agreement will provide travel sponsorship for UAA's athletic teams, the largest single expense for UAA's athletic program.



2012-13 Research Highlights

RESEARCH INITIATIVES PRODUCE REAL WORLD SOLUTIONS

Seawolf Holdings, LLC and Seawolf Venture Fund, LP, are part of the technology commercialization infrastructure approved by the UA Board of Regents in July 2012. This infrastructure was created by Vice Provost for Research Helena Wisniewski to provide faculty, staff and students a means to move their patentable work from the labs and classrooms to the marketplace. Seawolf Holdings oversees the entities in the infrastructure, and Seawolf Venture Fund provides early stage investment for UAA start-up companies. The first two startups are based on faculty research and were formed by the Vice Provost together with the faculty inventors JOHN LUND and JOEY YANG.



In April 2013, **ZENSOR**TM, **LLC** became UAA's first startup company based upon research by UAA faculty. ZENSORTM, LLC will produce long-lasting wireless sensors that make

remote monitoring of assets, SCADA systems and security less expensive and more reliable. The device, developed by JOHN LUND, professor of electrical engineering, has a joint patent pending on the technology with TODD PETERSON (patent #61/645,356). The device has a 50-plus year lifespan, does not require batteries, and detects humidity, water flow temperature, silt, and sound. Additional capabilities can be added based on the customer's needs.



In May 2013, CFT Solutions $^{\text{TM}}$ became the second startup. CFT Solutions $^{\text{TM}}$ will provide the cost-effective, environmentally friendly approach to deicing and snow removal developed and tested by ZHAOHUI "JOEY" YANG, an associate profes-



2013 INNOVATE Award winners represent 16 projects and 30 researchers. The awards, first offered in FY12 by the Vice Provost for Research, provide \$200,000 annually in seed money to stimulate new research, creative activity and intellectual property.

Many of these projects go on to receive external research funding.

sor in civil engineering. A joint patent, with colleagues at the University of Houston, is pending on the technology (patent #61/699,372). The CFT system installs carbon fiber tapes under pavement to heat the surface and melt snow as it falls and prevents ice from forming. It was successfully tested the winter of 2011-12 when Anchorage had a record snowfall.

INVENTIONS AND PATENTS PENDING

As of June 30, 2013, UAA had 25 invention disclosures, up from 3 in 2011. Ten of these have evolved into patents pending, and two have been awarded patents.

The patents pending include:

 using the relevant compounds of the Alaskan blueberry to improve neuronal insulin response and improve memory in aging and dementia;



- a hydro-powered fish carcass grinder;
- Traumatic head injury is a major concern in sports and the military.
 Two patents pending measure precisely, in real-time, the motion of the skull from a blow to the head by using an instrumented mouthguard;



- copper isotopes in water as a tool to explore copper porphyries, which is of interest to the mining community;
- educational software that provides a model for assessing university student success by examing more than academics and time to graduate. Under license;
- 907-snow plow locator lets you know when your street will be plowed;
- one handed rod bender for spinal surgery that reduces time for surgery and trauma for patients.



 See previous page for ZENSORTM and CFT SolutionsTM, each with patents pending.

IN MEMORIAM

CLAYTON BROCKEL, founding director of Kenai Peninsula College in 1964, died July 1.



Brockel served as the director until 1976 and a building was named after him in 1983. He and his wife endowed two scholarships, one for the Brockel family and one for Brockel's son who predeceased him, and donated more than \$300,000 to KPC.

WENDELL WOLFE, a professor of education who served as interim chancellor in 1978 between



John Lindauer and
Frank Harrison, died on
January 7. He came to
the University of Alaska,
Anchorage in 1971 as
the new dean of the
Anchorage Senior College
and served in that capacity
until 1976 when he was
named the vice chancellor
of Academic Affairs.

GLENN MASSAY, director emeritus of Matanuska-Susitna College, died on January 28.



He had served as director of the Matanuska-Susitna College from 1988-1994 and as interim director from 1999-2000. The Glenn Massay Endowed Scholarship Fund for non-traditional students was founded in his memory with an endowment of \$25,000.

Performance Summary

This report describes how UAA performed during the 2012-13 fiscal year (FY13) and the academic year (AY) on a number of performance and accreditation measures identified as priorities.

MEASURES AND FOCUS PAGES

- Degrees and Certificates Awarded: *Up 7.8% from FY12*
- 17 High Demand Job Area Awards: *Up* 7.7%
- 18 Undergraduate Retention Rate: Second highest rate in 10 years
- 19 Graduation Rate: *Highest in 10 years*
- 20 Student Credit Hours: Down 2.3% from FY12
- eLearning Student Credit Hours: *Up* 7.3%
- 22 Grant-Funded Research Expenditures: No change
- Total Grant Awards: *Down 14.6%*
- 24 University-Generated Revenue: *Up* 2.7%
- 25 Academic Program Outcomes Assessment: Students met or exceeded expectations in 95% of measured learning outcomes.
- **26** Faculty & Staff Satisfaction: 2012 survey results establish benchmarks.
- Focus on Diversity: *UAA* is becoming more diverse.
- Focus on Safety: *Crime and injuries are down from last year.*

Sources: Unless otherwise noted data for this report was provided by:

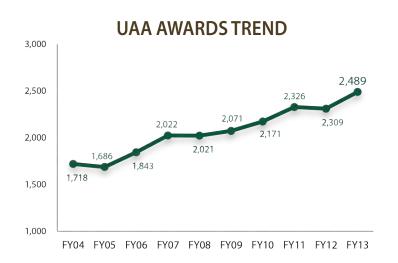
- UAA Office of Institutional Research compiled from the UA Statewide Institutional Research DSD data system for Graduation Rate, Awards and Certificates, High Demand Job Area Awards, Retention Rates, Student Credit Hours, eLearning Student Credit Hours, and Diversity.
- UAA Office of Budget and Finance for Grant-Funded Research Expenditures and University Generated Revenue.
- UAA Office of Research and Graduate Studies for Total Grant Awards.
- UAA Office of Academic Affairs for Academic Program Outcomes Assessment.

Degrees & Certificates Awarded

How many degrees, certificates and endorsements did UAA award in 2013?

PERFORMANCE SUMMARY:

Students earned a record 2,489 degrees, certificates and occupational endorsements in FY13, up 7.8 percent from last year. An increase was expected after the drop in awards in FY12, but the level of increase this year surpassed expectations.

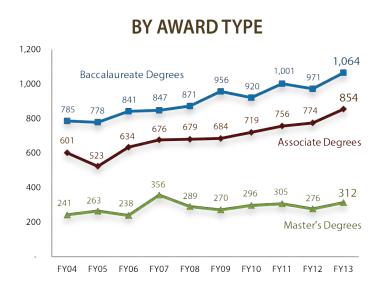


2,489 Awards

Up 7.8% from FY12.

Traditional awards (baccalaureate, associate and master's degrees) contributed 90% of all awards and set new records.

The Associate of Arts General Program continues to produce the most awards with a total of 285 awards among all the campuses. Nursing programs produced 208 awards: 112 Bachelor of Science and 96 Associate of Applied Science.



1,064

BACCALAUREATE DEGREES

Up 9.6% from last year, contributing 43% of the total awards.

854

ASSOCIATE DEGREES

Up 10.3%, contributing 34% of the total awards.

312

MASTER'S DEGREES

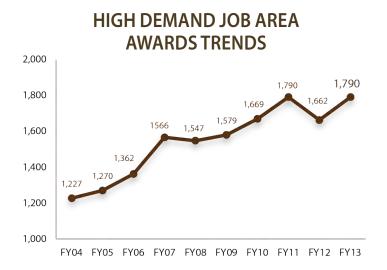
Up 13.0%, contributing 13% of the total awards.

High Demand Job Area Awards

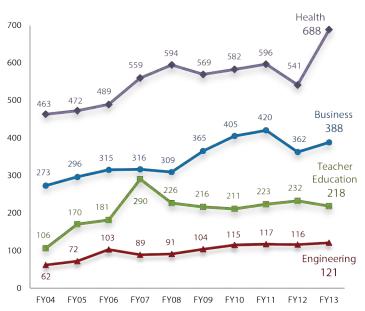
How well are we meeting the workforce needs of our community and state?

PERFORMANCE SUMMARY:

High Demand Job Area (HDJA) programs produced 72 percent of all certificates and awards at UAA. In FY13, the number of awards returned to the peak level reached in FY11. Health related degrees and certificates produced 38 percent of all high demand job area awards, and saw a record number of awards this year.



BY MAJOR HIGH DEMAND JOB AREA



1,790 Awards

Up 7.7%

Ten high demand job areas are recognized by the University of Alaska as defined by the State of Alaska Department of Labor. Four areas produced the majority of awards (79%) this year.

MAJOR CONTRIBUTORS

688

HEALTH AWARDS up 27.7% (+147 awards)

388

BUSINESS, FINANCE & MANAGEMENT AWARDS up 7.2% (+26 awards)

218

TEACHER EDUCATION AWARDS down 6.0% (-14 awards)

121

ENGINEERING AWARDS up 4.3% (+5 awards)

NATURAL RESOURCES (up 19 awards to a total of 90) and PROCESS TECHNOLOGY (up 12 awards to a total of 92) also experienced solid growth in FY13.

MEASURE DEFINITION: The number of certificates and degrees awarded during a fiscal year that support Alaska high demand job areas as defined by the State of Alaska Department of Labor (DOL). The list is maintained by the University of Alaska Statewide Academic Council (SAC).

Undergraduate Retention

How many full time freshmen who start in the fall seeking a degree return to UAA the following fall?

PERFORMANCE SUMMARY:

UAA saw increases in the percentage of returning freshmen from Fall 2011 to Fall 2012 at all levels for this standard student success measure. Contributors to the performance of this metric include the expansion of MapWorks® to more students and increased attention to advising students during their first year.



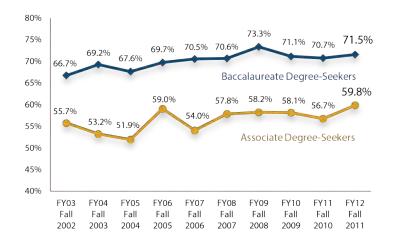
67.6%

OVERALL RETENTION RATE

The second highest in 10 years.

The entering cohort of first-time full time degreeseeking freshmen in Fall 2011 accounted for 71% of all first-time freshmen.

RETENTION RATE TREND BY AWARD TYPE



71.5%

BACCALAUREATE DEGREE-SEEKING

students typically record the highest retention rate among all sub-cohorts. They represented nearly 68% of the entire entering cohort.

59.8%

ASSOCIATE DEGREE-SEEKING students make up 31% of the entering freshman cohort for this measure. They returned at the highest rate for this group in the last 10 years.

Graduation Rate

How many first-time full-time degree-seeking freshmen earn their degree in 150% of catalog time (3 years for associate and 6 years for baccalaureate degrees)?

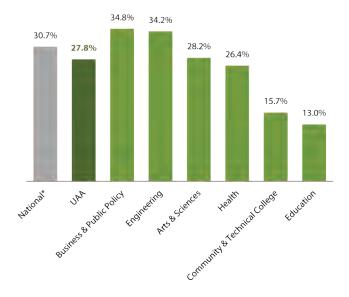
PERFORMANCE SUMMARY:

UAA reached record high rates on both 3-year and 6-year completion rates. Several programs implemented over the last four years contributed to the improvements as mentioned in the highlights section of this report. Continued improvement on these measures is expected as a result of additional and targeted advising.

GRADUATION RATE TRENDS



6-YEAR GRADUATION RATE BY ANCHORAGE CAMPUS/COLLEGE



27.8%

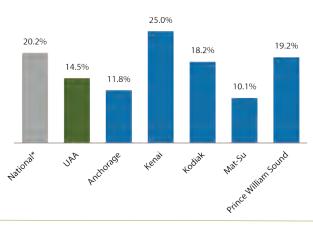
BACCALAUREATE DEGREE-SEEKING The highest in 10 years.

14.5%

ASSOCIATE AND CERTIFICATE DEGREE SEEKING rate also hits 10-year high.

NOTE: This traditional measure does not include students who enter in the spring semester, attend part-time in their first semester, have transferred from another institution, or are enrolled in graduate-degree seeking programs.

3-YEAR GRADUATION RATE BY CAMPUS



Source for national rates: National Center for Education Statistics, 2012 *Digest of Education Statistics*, Tables 376, 377

MEASURE DEFINITION: The percentage of first-time full-time undergraduate certificate- and degree-seeking students enrolled in a given fall semester who earn a degree within six years (150% of the time to complete a four-year degree) or three years (150% of the time to complete a two-year degree). The 2013 rate measures the cohort who entered UAA in Fall 2007 and completed their baccalaureate degree by August 2013 and those who entered in Fall 2010 and earned their associate degree by August 2013.

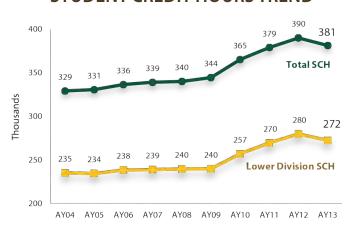
Student Credit Hours

How many students are taking how many classes for how many credits?

PERFORMANCE SUMMARY:

After a decade of continuous growth, UAA saw its first dip in student credit hour (SCH) production in AY13. This post-recession decline was anticipated and followed a peak in headcount in AY12. A number of factors have helped maintain a relatively high total SCH, including a trend toward more students attending full-time which increased dramatically after the launch of the "Stay on Track" initiative in Fall 2011.

STUDENT CREDIT HOURS TREND



380,988

TOTAL STUDENT CREDIT HOURS (SCH)
Down 2.3%

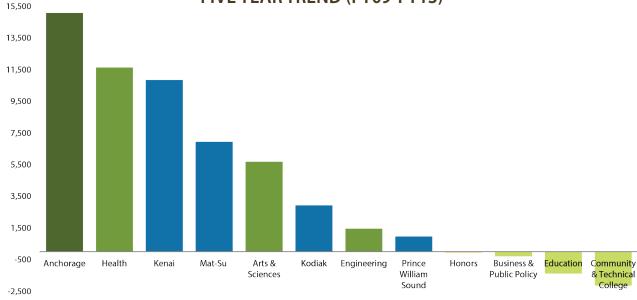
272,229

LOWER DIVISION (100-299 LEVEL COURSES)

Down 2.7%

Lower division courses make up 71% of all student credit hour production.





MEASURE DEFINITION: The number of Student Credit Hours attempted, all levels, including audits. Measured annually. AY13 includes Summer 2012, Fall 2012 and Spring 2013.

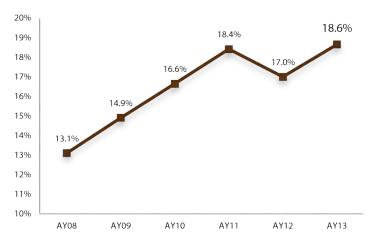
eLearning Student Credit Hours

How much of UAA's credit hour production is in eLearning?

PERFORMANCE SUMMARY:

UAA produced 71,053 student credit hours via courses that were 0% to 50% location based, contributing 18.6 percent to the total student credit hours delivered on all UAA campuses. While total student credit hour production dipped in AY13, eLearning SCH increased 7.3 percent. Thirty-five percent of eLearning student credit hours are produced by five subjects: English, psychology, business administration, history and mathematics.

TREND, eLEARNING AS % OF TOTAL STUDENT CREDIT HOURS



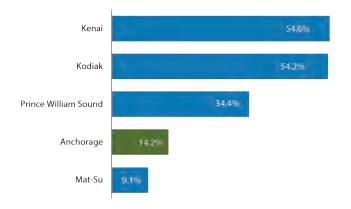
71,053

eLEARNING STUDENT CREDIT HOURS (SCH) Up 7.3%

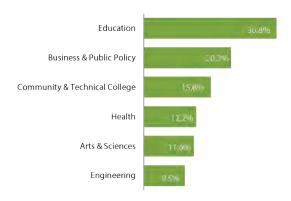
91.7%

of all eLearning courses have no location based requirement.

ELEARNING AS % OF TOTAL CAMPUS CREDIT HOURS



eLEARNING AS % OF ANCHORAGE CAMPUS CREDIT HOURS



Grant-Funded Research Expenditures

How much of UAA's basic and applied research expenditures are externally funded?

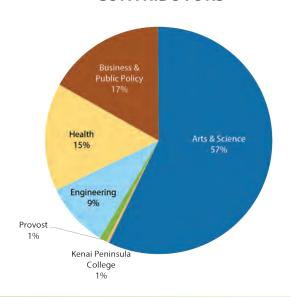
PERFORMANCE SUMMARY:

UAA's grant-funded research expenditures totaled \$13.97 million, essentially matching the record established in FY12. The growth in this metric surged in FY09 from funds received for research through the American Recovery and Reinvestment Act (ARRA). The INNOVATE Awards, first offered in FY12 by the Vice Provost for Research, provide \$200,000 annually in seed money to stimulate new research, creative activity and intellectual property. Many of these projects have gone on to receive external funding.

GRANT-FUNDED RESEARCH EXPENDITURES TREND



CONTRIBUTORS



\$13.97 million

No change from FY12.

Grant-funded expenditures that meet the National Center for Higher Education (NCHEMS) definition of research account for 26% of all grant-funded expenditures at UAA.

MAJOR CONTRIBUTORS

\$8 million

COLLEGE OF ARTS & SCIENCES Down 3.1%

\$2.3 million

COLLEGE OF BUSINESS & PUBLIC POLICY Down 2.8%

\$2.1 million

COLLEGE OF HEALTH Up 19.0%

\$1.3 million

SCHOOL OF ENGINEERING Up 23.0%

MEASURE DEFINITION: Restricted expenditures made from an organization with a National Center for Higher Education Management Systems (NCHEMS) category of Research, including indirect cost recovery. Counted at the University where the funds are expended, not at the University associated with the grant award.

Total Grant Awards

How much of UAA's mission is supported by grant funds?

PERFORMANCE SUMMARY:

UAA received grant awards totaling \$33.1 million in all NCHEMS categories, including research, instruction, public service, student services, academic support, scholarship/fellowship and institutional support. The total for FY13 represents a 14.6 percent decline from FY12, in large part due to the impact of federal funding cutbacks. An additional \$2.7 million was awarded to UAA from projects where the prime grant resides with UAF and/or UAS.

TOTAL GRANT AWARDS TREND



\$33.1 million

Down 14.6% from FY12.

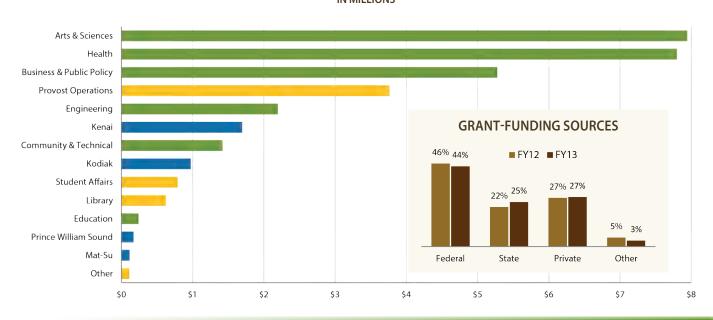
The majority (87%) of all grants fall in three NCHEMS categories:

34% RESEARCH (\$11.3 MILLION)

29% INSTRUCTION (\$9.5 MILLION)

24% PUBLIC SERVICE (\$8.0 MILLION)

GRANT AWARDS BY UNIT, FY13



MEASURE DEFINITION: The total dollar amount of grant awards in a fiscal year as indicated by award letters in support of National Center for Higher Education Management Systems (NCHEMS) categories of Academic Support, Instruction, Public Service, Research, Scholarships and Student Services.

University-Generated Revenue

How much money do we bring in to support UAA's teaching, research, creative activity and service missions?

PERFORMANCE SUMMARY:

UAA generated \$169.5 million from non-state funds in FY13, a 2.7 percent increase over FY12. The majority of the increase is due to the 7 percent tuition rate increase for AY13 which was offset slightly by the decline in enrollment. All campuses except Prince William Sound Community College showed an increase in revenue.

UNIVERSITY-GENERATED REVENUE TREND



\$169.5 million

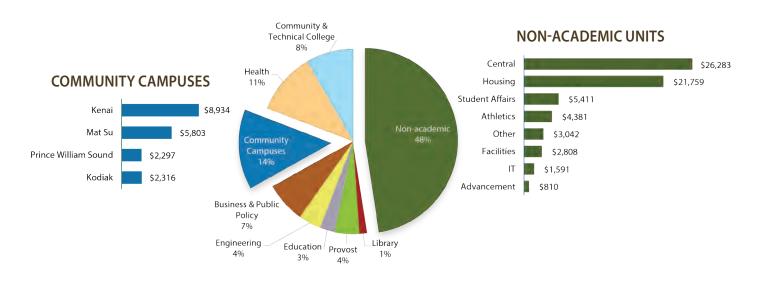
Up 2.7% from FY12

\$81.7 million

TUITION AND FEES up 3.3% and contributed nearly half (48.2%) of all university-generated revenue.

\$32.2 million FEDERAL RECEIPTS up 1.3%.

MAJOR CONTRIBUTORS



MEASURE DEFINITION: Total amount of university-generated revenue, including University Receipts (interest income, auxiliary receipts, gross tuition and fees, indirect cost recovery and other university receipts), Federal receipts, Capital Improvement Project (CIP) Receipts, and State Interagency Receipts. Does not include UA Intra-Agency Receipts, which are duplicated.

Academic Programs Outcomes Assessment

How many programs are actively engaged in assessing student outcomes and using information to improve teaching and learning?

PERFORMANCE SUMMARY:

The Academic Assessment Committee of the Faculty Senate revised UAA's Annual Academic Assessment Survey to capture more detailed information about the kinds of actions faculty have taken to improve programs. In this process, all active programs complete the online survey, which collects summary assessment data and provides evidence of ongoing assessment activity. As of July 2013, 84 percent of the surveys have been completed, up from 78 percent last year, and additional surveys are expected this fall.

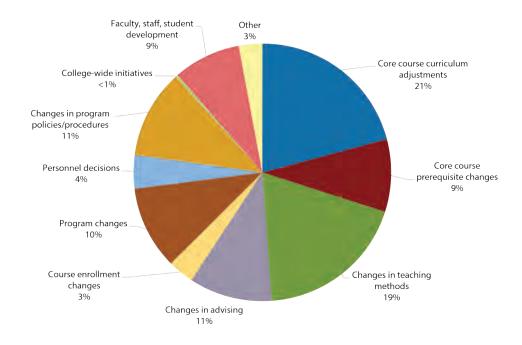
SURVEY DATA INDICATE A HIGH LEVEL OF STUDENT LEARNING AT UAA

95% of measured learning outcomes for which students met or exceeded expectations.

FACULTY USING DATA TO IMPROVE PROGRAMS

78% of survey respondents report using past assessment results to make program improvements this year.

PROGRAM IMPROVEMENTS BASED ON ASSESSMENT DATA



NOTE: For this measure "program" may refer to a group of programs that are assessed together and submit only one report. Programs are defined for this measure through consultation between the program, the Academic Assessment Committee and the Office of Academic Affairs.

Faculty & Staff Satisfaction

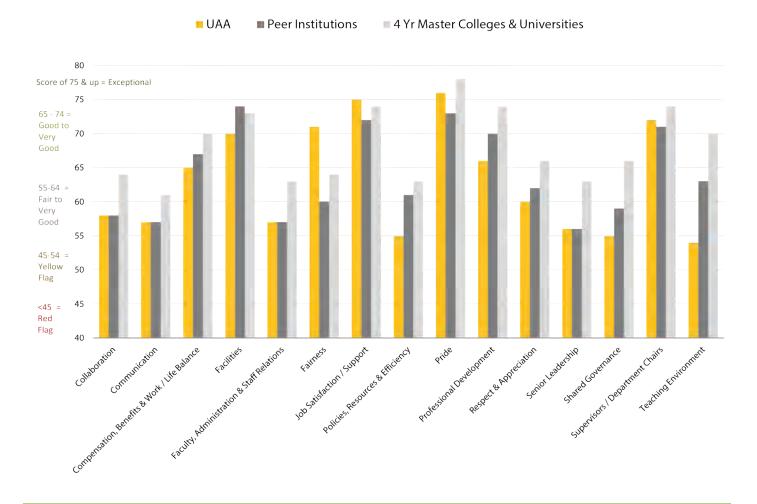
To what degree are faculty & staff satisfied working at UAA?

SUMMARY:

In FY13, the UAA Cabinet approved recommendations from the UAA Accreditation Core Theme Evaluation Teams on core theme objectives and indicators. One of the recommended additions was to measure the degree to which faculty and staff express satisfaction with their professional environment.

In November 2012, a UAA Faculty and Staff Insight Survey was conducted, the first university-wide faculty and staff survey since 2003 regarding job satisfaction. A total of 1,292 faculty, staff and administrators participated in the survey—a 47 percent response rate. Results will be used to improve the institution and in our accreditation reporting.

FACULTY/STAFF INSIGHT SURVEY RESPONSES BY KEY CATEGORIES COMPARED TO PEERS & 4-YEAR MASTER COLLEGES



Source: ModernThink 2012 UAA Faculty and Staff Insight Survey report.

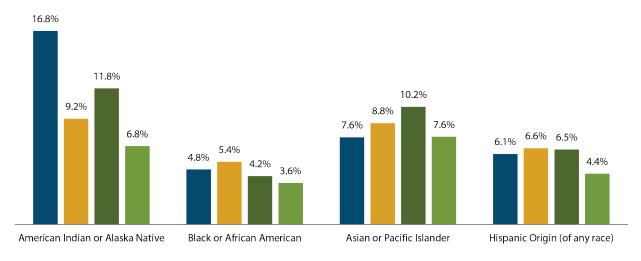
Focus on Diversity at UAA

To what degree do UAA students, faculty & staff reflect Alaska's racial and ethnic diversity?

SUMMARY:

Alaska's overall population has become more diverse in the last decade. While the total population grew 13.3 percent between the 2000 and 2010 census, Alaska's non-white population grew 23 percent. The UAA student population roughly mirrors the diversity of the general population of the service areas for each campus. UAA faculty and staff have also become more diverse, but the changes are occurring more slowly.

UAA POPULATIONS COMPARED TO UAA SERVICE AREAS & THE STATE OF ALASKA IN 2012



■ STATE OF ALASKA ■ UAA CAMPUS SERVICE AREAS* ■ UAA STUDENTS ■ UAA FACULTY & STAFF

	ALASKA		UAA SERVICE AREAS		UAA STUDENTS		UAA FACULTY & STAFF					
	2010	2012	% Change	2010	2012	% Change	2010	2012	% Change	2010	2012	% Change
TOTAL POPULATION	710,231	732,298	3.1%	459,449	460,696	0.3%	20,559	19,825	-3.6%	3,405	3,547	4.2%
American Indian or Alaska Native	120,452	122,944	2.1%	43,723	43,415	-0.7%	2,297	2,332	1.5%	218	241	10.6%
Black or African American	31,404	34,969	11.4%	23,844	25,724	7.9%	821	839	2.2%	129	127	-1.6%
Asian or Pacific Islander	50,944	55,403	8.8%	38,918	41,606	6.9%	1,652	2,015	22.0%	223	270	21.1%
Hispanic Origin (of any race)	39,249	44,792	14.1%	28,348	31,344	10.6%	1,180	1,289	9.2%	156	157	0.6%
White	507,431	518,982	2.3%	352,964	349,951	-0.9%	13,880	12,286	-11.5%	2,788	2,852	2.3%

NOTES:

- UAA service areas include the areas defined by the Census: Anchorage Municipality, Kenai Peninsula Borough, Kodiak Island Borough, Matanuska-Susitna Borough, Valdez-Cordova Census area and relate directly to the geographical regions surrounding each campus.
- UAA faculty and staff include only regular and term employees, not temporary positions.

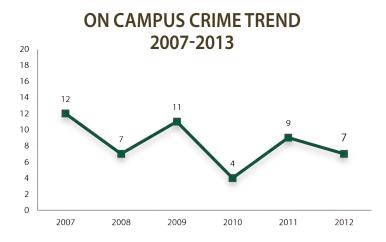
Sources: Alaska Department of Labor and Workforce Development, Research and Analysis Section; U.S. Census Bureau; and National Center for Health Statistics. 2012 Census counts are developed through a combination of estimates from the above sources.

Focus on Safety

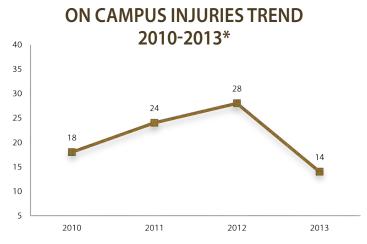
UAA takes safety seriously.

SUMMARY:

UAA's focus on safety involves multiple units devoted to making the university a safe place to live, work and learn. These units work year-round providing training, developing new programs, and making improvements to prevent crime, be prepared for emergencies, and protect and promote the physical and personal safety of everyone.



NOTE: Totals are for calendar years. For a full breakdown, see the annual Campus and Fire Safety Report. www.uaa.alaska.edu/safety



NOTE: 2013 injuries figure is an estimate based on YTD data on reported injuries from the Department of Health & Safety and Risk Management Support.

4th lowest among our peers

The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act requires institutions to report crime data annually.

UAA's annual *Campus Security and Fire Safety Report* is a compilation of crime and arrest statistics and is available for anyone to view online at http://www.uaa.alaska.edu/safety/.

Crime rates can vary widely from year to year, and new awareness

campaigns encouraging victims to report crime may result in higher rates without an actual increase in activity.

50% drop in injuries projected for 2013

Injuries by employees on the job are tracked annually in compliance with numerous state and federal regulations. There is a projected decline in injuries for calendar year 2013.

The **Department of Environmental Health & Safety and Risk Management Support** works to maintain high quality and safe facilities, establish procedures for safe working conditions in labs and shops and provide new employee safety orientation and emergency preparedness training.

This team's efforts earned the department the *Chancellor's Award for Excellence in 2012 in Small Team Collaboration*.

PREPAREDNESS

The **Campus Response Team**, a diverse group of skilled employees, provides immediate response to situations that may impact the safety of the UAA Community. The team is also responsible for evacuation drills, triggering UAA Alerts, and maintaining emergency contacts. In the 2012-13 academic year, UAA implemented a new emergency text messaging program that expanded notifications to personal mobile devices of campus emergencies, and weather closures or other hazardous/dangerous situations.

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