

UAA

University of Alaska Anchorage
PERFORMANCE '16





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COMMUNITY AND TECHNICAL COLLEGE

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(effective 7/1/2016)

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Elizabeth Winfree, Chris Triplett,
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UAA'S MISSION

The mission of the University of Alaska Anchorage is to discover and disseminate knowledge through teaching, research, engagement, and creative expression.

Located in Anchorage and on community campuses in Southcentral Alaska, UAA is committed to serving the higher education needs of the state, its communities, and its diverse peoples.

The University of Alaska Anchorage is an open access university with academic programs leading to occupational endorsements; undergraduate and graduate certificates; and associate, baccalaureate, and graduate degrees in a rich, diverse, and inclusive environment.

FIVE CORE THEMES

This document reflects some of the 2015-16 highlights and performance on measures related to UAA's five core themes: Teaching and Learning; Student Success; Research, Scholarship and Creative Activity; UAA Community; and Community Engagement/Public Square.

YEAR IN REVIEW HIGHLIGHTS

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New Leaders

DENISE RUNGE accepted the position of dean of the Community and Technical College in April and officially started July 1. Most recently Runge served as associate director of academic affairs and an associate professor of business and public administration at Prince William Sound College. Prior to joining Prince William Sound in 2015, Runge was associate dean of academics at Helena College (formerly Helena College of Technology) in Montana, vice president of academic affairs at Oglethorpe University, and dean of the College of Arts & Letters at the University of Southern Mississippi. She holds a Ph.D. in political science with an emphasis in public policy and administration from the University of Alabama.



JEANE T'AAW XIWAA BREINIG was named to the newly created position of interim associate vice chancellor for Alaska Natives & Diversity and advisor to the provost on Alaska Natives and diverse curriculum and research. A professor of English and associate dean in the Humanities Division, Breinig is Haida from Kasaan in Southeast Alaska. She earned her Ph.D. from the University of Washington where an undergraduate class on American Indian literatures taught by an Assiniboine woman from Fort Peck in Montana helped her understand the significance of her own tribe's oral traditions and laid the groundwork for her own research and teaching. She joined UAA in 1995, one of the first tenure track Alaska Native professors.



RALPH TOWNSEND was selected as director of the Institute for Social and Economic Research (ISER), and started in August.



Townsend brings expertise in the economics of fisheries and nearly 30 years of higher education experience to ISER. He earned his Ph.D. in economics from the University of Madison-Wisconsin. Most recently he worked as Winona (Minnesota) State University's dean of liberal arts. His work experience includes serving as chief economist for the New Zealand Ministry of Fisheries, and economics professor and department chair at the University of Maine. Townsend is

the current president of the International Institute for Fisheries Economics and Trade.



RANDY "Church" KEE, a retired Major General in the United States Air Force, joined UAA in January as executive director of the Arctic Domain Awareness Center of Excellence (ADAC). His career in the Air Force spanned 30 years during which he served as Vice Commander of the United States Air Force's Global Air Mobility Operations Center, Co-Chair of the Multi-National Arctic Security Forces Roundtable, and Director of Strategy, Policy, Planning and

Capabilities for the U.S. European Command. He was also a contributor on the U.S. Arctic strategy and policy development.

Challenging Times

While no one would describe the decline in state funding for the university as a highlight, it was a topic that dominated this past year. In FY15 and FY16 UAA implemented budget reductions of \$19.5 million. In addition, much of this year saw the University engaged in planning for how it would manage a further \$22 million budget shortfall in the coming year.

The accomplishments and accolades highlighted in this report are all the more noteworthy for occurring in such trying times.

Join us as we look back on many of the successes of UAA's students, faculty, staff, and community partners.



BULLOCK PRIZE FOR EXCELLENCE

Presented annually by the University of Alaska Foundation Board of Trustees, the Bullock Prize for Excellence was established by a generous gift from the late Edith R. Bullock to showcase extraordinary achievements of individuals on behalf of the UA system. It is the highest award bestowed by the University of Alaska system.

2015 BULLOCK PRIZE:

TIM DOEBLER, a UAA faculty member for 25 years and director of UAA's Culinary Arts, Hospitality & Restaurant Management Division, has been instrumental in building a nationally



recognized program that also serves the needs of Alaska.

Among his many contributions, Doebler helped launch the Celebrity Chef Invitational shortly after arriving at UAA. This annual event raised nearly \$75,000 for scholarships, faculty development and equipment in 2015 alone. Industry partner contributions have been vital in the renovations and upgrades

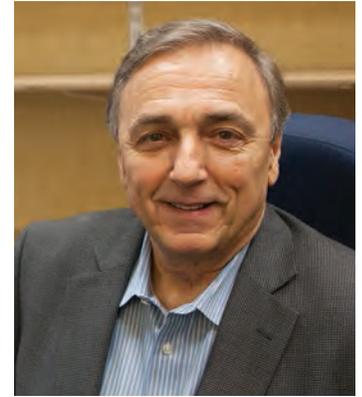
to facilities and equipment that make the UAA program state-of-the-art. He founded the summer Culinary Arts Boot Camp for pre-teens and teens, several of whom return to UAA to pursue a degree in culinary arts.

A North Pole high school graduate, Doebler attended the Culinary Institute of America, and is an American Culinary Federation certified working chef and certified cook. He earned his B.S. from the University of the State of New York and his Master's in Vocational Education with an emphasis in Adult Learning at UAA.

"Tim Doebler has partnered with the Alaska hospitality industry to build a culinary arts and hospitality program that is recognized nationally and meets the industry's workforce needs while providing opportunities for our students. Its success is measured by the 100 percent placement rate for program graduates," said UA Foundation Chair Susan Anderson at the presentation of the award.

2016 BULLOCK PRIZE

BRUNO KAPPES is a professor of psychology and health science at UAA and director of the Anchorage Biofeedback Clinic. During Kappes' 37 year tenure at UAA, he pioneered distance delivery psychology course instruction, teaching up to 900 students per year.



Kappes earned his Ph.D. at Kansas State University-Manhattan with an emphasis in Counseling and Applied Psychophysiology. In addition to teaching, he is also a licensed psychologist, certified biofeedback therapist, and certified medical psychotherapist. His teaching and

research interests include clinical and forensic psychology, traumatic stress, chronic pain, and insomnia. A dual American-French citizen, he has been a visiting professor at the American University of Paris and the University of Hawaii. The Bullock Prize is the most recent award for his teaching and research.

Kappes embraced technological change and used it to transform his teaching to dynamic bottom-up learning. He explained, "It's no longer about what I know, but having students demonstrate what they know. They are engaged with the course materials and with their peers in a profound way."

"Bruno Kappes' accomplishments in teaching and research embodied the excellence that Mrs. Bullock wished to showcase. As Alaska looks to graduate more homegrown students, Dr. Kappes' pioneering work in distance education will help provide the foundation to reach this goal," said UA Foundation Chair Scott Jepsen.

UAA EMERITI 2015-2016

Appointment as emeritus or emerita is the highest honor conferred by the UAA Chancellor on a small portion of retirees who have served a minimum of 10 years and demonstrated excellence. The following were granted emeritus status in 2015-16.

- STEPHEN COLT, Professor Emeritus of Economics
- CLAUDIA DYBDAHL, Professor Emerita of Elementary Education
- DAVID P. EDGECOMBE, Professor Emeritus of Theatre
- GEORGE GEISTAUTS, Professor Emeritus of Business Administration
- ELIZABETH GRABER, Professor Emerita of English, Kenai Peninsula College
- MICHAEL HAWFIELD, Associate Professor Emeritus of History and Political Science, Kenai Peninsula College
- BRUNO KAPPES, Professor Emeritus of Psychology
- GUNNAR KNAPP, Professor Emeritus of Economics
- HELEN LIU, Professor Emerita of Civil Engineering
- MELODEE MONSON, Staff Emerita, College of Health
- JOHN A. OLOFSSON, Professor Emeritus of Civil Engineering
- DAVID C. WARTINBEE, Professor Emeritus of Biology, Kenai Peninsula College

Honors & Awards

HONORARY DEGREES

HONORARY DOCTOR OF LAWS

KAREN HUNT, the first woman appointed to the Superior Court in Anchorage, received an Honorary Doctor of Laws at the fall 2015



UAA Commencement ceremony. Judge Hunt began her career as a teacher before earning her J.D. from the University of Southern California, graduating in the top 10 percent of her class. She moved to Alaska in 1973 and worked in private practice before her appointment to the court where she served from 1984-2000. She developed and taught the course, “Women and the Law” at UAA. She is the founding president of the Anchorage Association of

Women Lawyers (AAWL) and is the only person to have served as president of AAWL, the Anchorage Bar Association, Alaska Bar Association, and the Alaska Conference on Judges. Judge Hunt has also served as a board member for more than a dozen community organizations. Her influence has been felt throughout Alaska not only for her career as a judge, but also for her commitment to public service.

HONORARY DOCTOR OF HUMANE LETTERS

JANIE LEASK, president of the Alaska Federation of Natives (AFN)



from 1982-1989, was awarded an Honorary Doctor of Humane Letters at the spring 2016 UAA commencement ceremony. Leask, of Haida-Tsimshian and Irish-German descent, has earned numerous awards for her work on behalf of Alaska Natives and rural communities, including a Governor’s Award and the Alaska Village Initiative’s Chief’s Knife Award. She was inducted into the

Alaska Women’s Hall of Fame in 2014. During her years at AFN, National Bank of Alaska, and Alyeska Pipeline Service Company, Leask has worked to promote understanding between urban and rural Alaskans. In 2006, she became president and CEO of First Alaskans Institute where she served for nearly five years, helping to nurture a new generation of Alaska Native Leaders. Raised in both Metlakatla and Anchorage, she has been formally adopted into the Tsimshian Eagle Clan.

ALUMNI OF DISTINCTION



Viorica Marian



Georgia Dekeyser



Mistee Davis

VIORICA MARIAN, B.A. Psychology ’94 — *Alumni of Achievement Award*. Professor of Communication Sciences and Disorders, Northwestern University

GEORGIA DEKEYSER, B.S. Nursing Science ’97, M.S. Nursing Science ’99 — *Alumni Humanitarian Award*. Director, UAA Student Health and Counseling Center

MISTEE DAVIS, A.A.S. Human Services ’06, B.A. Psychology ’12 — *Alumni Emerging Leader Award*. Chief of Service, Assets, Inc.

MERITORIOUS SERVICE AWARDS

The Meritorious Service awards recognize individuals for their significant service to UAA’s campuses and/or to an Alaska community.



DENNIS McMILLAN, a business and community leader, founder of The Foraker Group and former director of the United Way of Anchorage, was recognized for his ongoing dedication to supporting nonprofit and charitable organizations across Alaska.

JEWEL JONES, a longstanding leader in local government and community nonprofits, was recognized for her efforts to create opportunities for minority Alaskans and empower young people in underserved populations in Anchorage.



STAFF MAKE STUDENTS COUNT AWARD

RYAN HILL, North Hall and first-year resident coordinator, is the UAA winner of the *Staff Make Students Count Award*. He was recognized for his dedication and tireless efforts to help students achieve their goals. “Ryan creates a community for students that is safe, accepting, exciting and empowering,” wrote one person in nominating Hill for the award. The annual award recognizes university staff members at each university and UA Statewide who provide outstanding service to students.

NATIONAL ACADEMY OF INVENTORS



HELENA WISNIEWSKI, vice provost of Research and Graduate Studies and dean of the UAA Graduate School, is the first person from Alaska to be inducted into the National Academy of Inventors (NAI). She was officially named as a *2015 NAI Fellow* at a ceremony in Washington D.C. in April, in recognition of exceptional accomplishments in innovation and invention to benefit society. This year's class of 168 Fellows includes individuals from 109 research universities and nonprofit research institutes spanning the United States and the world, and includes several Nobel Laureates.

Wisniewski holds patents in biometrics and steganography, and has launched over 12 startup companies, including four at UAA. Since her arrival at UAA four years ago, seven patents have been issued for UAA-related ideas. She launched the UAA Innovate Awards, the Patent Wall of Fame, and oversaw the university's filing of more than 42 patent applications and 39 invention disclosures.

NATIONAL ENGINEERING ECONOMY TEACHING EXCELLENCE AWARD

TED ESCHENBACH, professor emeritus of engineering management, received the *2016 National Engineering Economy Teaching Excellence* award presented by the American Society of Engineering Education (ASEE) biennially. Awardees are honored for their excellence in teaching, scholarship, community participation, and commitment to the profession. The award includes a \$10,000 honorarium and a stipend to attend the annual ASEE Conference.



WORKFORCE ADVOCACY AWARD

KATHY CRAFT, director of the Alaska Health Workforce Coalition, received the *Workforce Advocacy Award* presented jointly by the Annapolis Coalition on Behavioral Health Workforce and the Mental Health Program of the Western Interstate Commission for Higher Education. The honor recognizes her as one of the foremost leaders of workforce development in health and social services in the United States and acknowledges her ability to foster collaboration among diverse stakeholders to improve recruitment, retention, and training.

MARINE RESEARCH AWARD

GUNNAR KNAPP, fisheries economist and director of the UAA Institute of Social and Economic Research, received the *2016 Marine Research Award* from the Alaska Sealife Center in Seward. This honor is given to a scientist, team of scientists, or an institution that is acknowledged by peers to have made an original breakthrough contribution to any field of scientific knowledge about Alaska's oceans. The award was presented in January at the Alaska Marine Science Symposium.



Knapp has been studying fisheries management, fisheries markets and the world seafood industry for more than 25 years, focusing particularly on the Alaska salmon industry. Knapp's willingness and ability to build close links with all sectors of the industry make him an inspiration to researchers in his field.

DISTINGUISHED SERVICE AWARD

DEBORAH PERIMAN, professor and coordinator of the Legal Studies Program in the Justice Center, received the *Distinguished Service Award* presented by the Alaska Bar Association at the 2016 Alaska Bar Association Convention in May. She was recognized for her many contributions to the legal community, including her work on the Alaska Bar Related Education and Historians Committees, her leadership as chair of the Law Related drafting sub-committee for the Alaska Youth Law Guide, and the curriculum she created at UAA to better serve students interested in careers in the legal field.



Nelson Page & Deb Periman

DISTINGUISHED ARTIST AWARD



DON DECKER was named the *2016 Distinguished Artist* by the Rasmuson Foundation. The \$40,000 award recognizes an artist with stature and a history of creative excellence. An adjunct professor of art at UAA since 1992, Decker has 45 years of experience in art education and has exhibited his work in more than 200 shows, including invitational and juried exhibitions in 18 states and Washington D.C.

Honors & Awards

NCAA DIVISION II COACH OF THE YEAR & BILL ROSE MEMORIAL AWARDS

RYAN McCARTHY, women's basketball head coach, was named Women's Basketball Coaches Association *NCAA Division II West Region Coach of the Year* for the second consecutive season. Since joining UAA in 2012, McCarthy has led the women's basketball team to No. 1 national rankings for two years in a row and to the NCAA Division II Championship game this year. In recognition of his leadership and sustained performance, McCarthy also received the 2016 *Bill Rose Memorial Award* presented by the Administrative Services division.



CONTRIBUTIONS TO LITERACY IN ALASKA

KATHRYN OHLE, assistant professor of early childhood education, and DON REARDEN, associate professor of English, were presented with *Contributions to Literacy in Alaska Awards* by the Alaska Center for the Book, the Alaska affiliate of the Library of Congress Center for the Book.



OHLE, recipient of the Sue Sherif Literacy Award, was recognized for her work to preserve Alaska Native languages and improve student success by providing schools and families with free digital books in Alaska Native languages through a partnership with Unite for Literacy and local school districts.

REARDEN was recognized for his writings about Alaska, including *The Raven's Gift*, which was selected as the book of the year for the 2015 Anchorage Reads program, and his work with young writers at UAA and in rural Alaska. The awards were presented July 12 in conjunction with UAA's Northern Renaissance Arts & Sciences Reading series.



OUTSTANDING SERVICE RECOGNITION

The Alaska State Legislature recognized MARIANNE MAHON for her outstanding efforts as the administrative manager of the UAA Child Welfare Academy (CWA). As the award letter noted, "She is worthy of recognition for her work with University of Alaska students in the context of the CWA's Education and Training Voucher Program. This program, in existence for nearly three years, continues to provide support for youth transitioning from the State of Alaska foster care system to college and careers and becoming healthy, responsible adults. Marianne is a tireless advocate for these vulnerable students."



Les Gara & Marianne Mahon

COUNCIL FOR ADVANCEMENT AND SUPPORT OF EDUCATION COMMISSION



RACHEL MORSE, assistant vice chancellor for Alumni Relations at UAA, accepted a three-year appointment to the *CASE Commission on Alumni Relations*. CASE, the Council for Advancement and Support of Education, is an international association of university advancement professionals focused on researching and supporting educational advancement for its 81,000 members in 82 countries.

OUTSTANDING PHILANTHROPY PROFESSIONAL

BETH JOHNSON, development officer for the College of Arts & Sciences, was named 2015 *Outstanding Professional in Philanthropy* by the Alaska Chapter of the Association of Fundraising Professionals. The award was presented at the 27th Annual Alaska Philanthropy Day Award Luncheon last November. Johnson is a Certified Fund Raising Executive and has worked with nonprofits and fundraising for 20 years.

TOP FORTY UNDER FORTY

LARS FLORA, assistant Nordic Ski coach, LANDRY SIGNÉ, professor of political science, and STEPHANIE WONCHALA, an adjunct professor of theatre and dance, were included in the *Alaska Journal of Commerce's 2016 Top Forty Under Forty* list of achievers. Eight former UAA students and alumni were also recognized.

CHANCELLOR'S AWARDS FOR EXCELLENCE

2016 Chancellor's Awards recognize exceptional commitment and contributions to UAA. Each individual/group award winner received a \$500 prize.

EXCELLENCE IN TEACHING

Awarded to faculty who demonstrate exceptional commitment to advancing student achievement through excellence in teaching.

- CHRISTINA MC DOWELL, assistant professor, Management and Marketing Department
- RACHEL "RAY" BALL, assistant professor, Department of History
- LANDRY SIGNÉ, associate professor, Department of Political Science

EXCELLENCE IN ACADEMIC RESEARCH-CREATIVE ACTIVITY

Contributions have an outstanding and significant impact in a field of study and to UAA through research, engagement or creative activities.

- PAUL DUNSCOMB, professor and chair, Department of History

PROMOTING STUDENT ACHIEVEMENT

Outstanding contribution to student achievement that improves transition to higher education, performance, grades and or completion rates. Demonstrated innovative and creative approaches in advising, programming, partnerships, outreach and support services that promote student achievement.

- RYAN HARROD, assistant professor, Department of Anthropology
- SARAH SHEETS, fiscal technician, Institute of Social and Economic Research

STAFF EXCELLENCE

Exercises leadership, initiative, outstanding teamwork capabilities that create a positive atmosphere, and consistently performs at a level above normal job requirements.

- BARBARA ARMSTRONG, research associate and editor, Alaska Justice Center



DIVERSITY

Outstanding contribution to the advancement of diversity of UAA students, staff and faculty through increasing the visibility and representation of diverse voices, creating an atmosphere of inclusiveness and community.

- JERVETTE WARD, assistant professor, Department of English
- GABE GARCIA, associate professor, Public Health

COMMUNITY ENGAGEMENT AND SERVICE

Outstanding contribution to advancing partnerships between the university and Alaska's schools, public and private industries and community organizations.

- TERRY NELSON, assistant professor, Management and Marketing Department
- STEVE JOHNSON, associate professor, Journalism & Communications Department, and director, Seawolf Debate

CHANCELLOR'S STEWARDSHIP AWARDS

Awarded to an individual faculty or staff member and/or groups collaborating as a team who have made an exceptional, innovative, and measurable impact in one of the following areas: Safety, Operational Effectiveness and Sustainability.

- Stewardship–Operational Effectiveness: Institutional Research Team
- Stewardship–Safety: Building Safety Manager
- Stewardship–Sustainability: Hydration Station

For more information on the chancellor's awards and a list of previous winners: <https://www.uaa.alaska.edu/chancellor/awards-for-excellence/>

Teaching & Learning

FACULTY EXCELLENCE

HIROKO HARADA, professor and director of the Montgomery Dickson Center for Japanese Language and Culture, received the 2015 *Teacher Award* (post-secondary category) from the American Association of Teachers of Japanese. This award recognizes excellence in quality and innovative teaching, service to the profession and the community, participation in professional development activities, and advocacy for her program and Japanese education as a whole.



HAN DONKER, professor of accounting, received the University of Alaska Foundation's 2016 *Harold T. Caven Professorship*. The two-year professorship includes a \$20,000 award which will support Donker's continued research into the corporate values of Native corporations and how they enhance social and economic prosperity.

PAT HENSCH, clinical director of the MEDEX program since 2009, was honored as *Alaskan Physician Assistant of the Year for 2015*. This award is presented annually to a Physician Assistant (PA) who has demonstrated unwavering dedication to their work and their patients, as well as a commitment to the future of the profession. She worked as a PA for 30 years in western Alaska, often traveling by boat or small airplane to provide medical care in some of the most remote areas of the state, before joining UAA's MEDEX faculty.

ENDOWED CHAIRS/PROFESSORSHIPS



TIM CASON is the 7th visiting Rasmuson Chair. He is a distinguished professor of economics at Purdue University, founding director of the Vernon Smith Experimental Economics Laboratory there, and co-editor of the *Journal of Public Economics*. He earned his Ph.D. from the University of California-Berkeley.



TERRY FIELDS was named to the Weidner Professorship in the Weidner Property Management and Real Estate Program, founded in 2013, where he has served as an assistant professor and program director. Fields earned his MBA at Ball State in Entrepreneurship and is a licensed real estate agent in Alaska.



FIRST ALASKAN NAMED AS CARNEGIE FELLOW

UAA political science professor LANDRY SIGNÉ was named one of 33 *Andrew Carnegie Fellows*, the first Alaska scholar to win this prestigious fellowship. Signé will use the \$200,000 award to develop his global research project "Why African Nations Fail and How to Fix It."

With a Ph.D. in political science, Landry Signé has focused his life's work on the transformation of African economies, governance, political processes, development, policy implementation and management of natural resources. He is the founding chairman of the award-winning nonprofit Global Network for Africa's Prosperity.

Signé received numerous additional honors this year including:

- 2015 *Archbishop Tutu Leadership Fellow* by the African Leadership Institute and the University of Oxford, bestowed to "Africa's highest potential," the finest representatives of the "generation that drives the transformation of Africa."
- 2016 *Cameroon Government's Special Prize for Academic Excellence*, which is bestowed each year to one scholar considered as the best in the country. He was a special guest of the Youth Minister during the National Youth Celebration.
- 2015 *American Political Science Association (APSA) Campus Teaching Award*, honoring his teaching excellence and achievement, and was featured in the APSA journal, *PS: Political Science & Politics*.
- Appointed by the United Nations Under-Secretary-General and Executive Director of Human Habitat to serve on a newly created global network promoting digital technologies to help implement the United Nations Sustainable Development Goals.
- Selected by The World Economic Forum and Harvard Kennedy School to participate in the fully funded certifying executive program, *Global Leadership and Public Policy for the 21st Century*, March 28 to April 8, 2016 at Harvard Kennedy School.
- Named to *Junior Chamber International's Ten Outstanding Young Persons of the World*, an annual program that honors ten young people under the age of 40 who provide exemplary service to their communities.

FACULTY EXCELLENCE



CHRISTINE KING, project director for the Disability Justice Initiative at the Center for Human Development, was one of 20 national experts invited to participate in the National Goals on Research, Practice, and Policy conference in Washington D.C.. The conference brought together researchers, practitioners, and advocates to identify a platform of national goals in research,

practice, and policy related to intellectual and developmental disabilities.

HOLLY A. BELL, associate professor of business at Mat-Su College, was invited to speak at the New York Stock Exchange. Her presentation titled “Market Making in Contemporary Markets” was given to the NYSE’s Listed Company Advisory Committee in June. Bell was also invited to be the opening speaker at the national High Frequency Trading Conference held in Chicago last November. She has been a regular guest on Reuter’s Global Markets Forum Europe/Asia edition this year.



STAFF EXCELLENCE

Three Kenai Peninsula College (KPC) staff members and the Kenai River Campus (KRC) Learning Center received awards presented by the Alaska Adult Education Association in September for outstanding work supporting Adult Basic Education.



- THE KRC LEARNING CENTER received the *2015 Program Award* “given to a program that shows innovative or exemplary effort in the area of curriculum, instruction, community organization, community service and creative programs.”
- CAROL SWARTZ, director of KPC’s Kachemak Bay Campus, received the *John L. Hulbert Award* for outstanding long-term contributions to lifelong learning.
- SHARON CHRISTOPHER, former KRC AmeriCorps member and current staff member, received the *Volunteer Award* for her “significant commitment and impact upon the community, program or students’ needs.”
- THELMA MUSGROVE, Learning Center office manager received the *Administrative Award*, which is given “to a person involved in the administration of an adult education program and who has had a significant impact on the development of that program.”

2016 COLLEAGUE-TO-COLLEAGUE CAFE OH WOW (COW) AWARD WINNERS

The Center for Advancing Faculty Excellence (CAFE) has presented awards recognizing excellence since 2008.



Pictured left to right: Provost Sam Gingerich, Corrie Whitmore, Eric Baldwin, Sandra Ehrlich-Mathiesen, and Bruno Kappes

SANDRA EHRLICH-MATHIESEN, Team-Based Learning (TBL) faculty associate and associate professor of Management and Marketing in the College of Business and Public Policy, for her advocacy of and leadership on the innovative TBL pedagogy. She is now the first fully-fledged Team-Based Learning Collaborative-Certified trainer in Alaska.

BRUNO KAPPES, professor of psychology in the College of Arts and Sciences, for his longstanding dedication and passion for using ePortfolios and academic technologies to positively impact students, developing innovative approaches to further them as a tool for student success, and inspiring his colleagues to adopt this new approach.

ERIC BALDWIN, media technician in Academic Innovations & eLearning, for his commitment and good will in providing technical support to make faculty development sessions available to those unable to attend in person, especially those on community campuses, via a wide range of technical channels such as videoconferencing, webstreaming e-Live, Wolfink, and Collaborate.

In addition to the COW awards, CAFE recognized CORRIE WHITMORE (Health Sciences), MYCHAL MACHADO (Psychology) and KAT MILLIGAN-MYHRE (Biological Sciences) for their high degree of participation in faculty development events across the academic year (attending 10 sessions or more each).

Teaching & Learning

PROGRAM EXCELLENCE

The COLLEGE OF NURSING was ranked #17 out of more than 500 nursing schools by the College Resource Network for 2015-2016. Using U.S. Department of Education's IPEDS data, rankings are based on tuition, financial aid, admission/graduation rates, number of students and student ratings.



KODIAK COLLEGE'S MARITIME WORKFORCE DEVELOPMENT PROGRAM and L.A. HOLMES, Maritime Workforce Development coordinator, were featured in the Spring 2016 edition of the American Boat and Yacht Council's *The Reference Point: A Marine Industry Standards and Technical Educational Journal*. Three of five adjuncts teaching the program earned Master Technician credentials from the American Boat and Yacht Council.

TITLE III GRANT TO STRENGTHEN ONLINE LEARNING

UAA was one of 36 institutions to receive Department of Education Title III Strengthening Institutions grants in FY16. Funds will support faculty design of eLearning templates for selected high enrollment courses, and opening a new media development lab. UAA will receive \$2.25 million over five years (October 2015-September 2020) to redesign and strengthen both distance education offerings and corresponding distance student services.

MATH EMPORIUM OPENS

In October, the UAA Anchorage campus celebrated the opening of the new Math Emporium and Academic Coaching Center in the Learning Resources Center. The Math Emporium blends traditional lecture-style math courses with the web-based assessment tool ALEKS (Assessment and Learning K-12) to gauge math knowledge, identify gaps, and build individualized study plans for students who test into preparatory math courses or simply need a little extra help or a refresher for math skills and concepts.

The Academic Coaching Center provides group and individual coaching sessions to students on topics such as reading, test taking and time management strategies. Students will also find practical help on how to use email, Blackboard, and build ePortfolios.



Tom Harmon, associate professor, preparatory college math

NEW CURRICULUM FOR ESL PROGRAM

PRINCE WILLIAM SOUND COLLEGE introduced a new curriculum for English as a Second Language classes called "Ventures" from Cambridge University. The program is a six-level, four-skills, standards-based, integrated-skills series. The program also provides an online workbook that gives students the opportunity to learn in and outside the classroom and audio support for teaching and assessment of student progress.

STUDENT SURVEY NAMES TOP UAA FACULTY

This year 733 students participated in the annual MapWorks survey asking them to nominate a teacher on the Anchorage campus who helped them most in their college success. A total of 178 faculty were nominated. All 178 nominees, including three below who received the most individual nominations, were honored at a faculty appreciation reception on March 24.

- CHORON RYAN, a biological sciences term instructor who students say takes "crazy medical terms and explains them to us in English" and makes the anatomy and physiology courses she teaches understandable and even fun. *(pictured left)*
- VARA ALLEN-JONES, assistant professor of counselling and Guidance 150, was described in a nomination as someone who "doesn't teach you just to become another good student at UAA, she teaches you to teach yourself."
- KRISTIN BOGUE, a senior professional academic and career advisor who also worked as an adjunct professor teaching "Creating Success in College." Students wrote about her personal attention and responsiveness, making them "feel like they are important at UAA."

"My experience with these nominations and this event, paired with my expertise in student retention, tell me these are faculty members who go far beyond their duties as an instructor," said MOLLY ORHEIM, UAA's student retention and coordinator for MapWorks, a success and retention tool to help students transition to college life and graduate.



IMPROVING TEACHING PRACTICES

MICHAEL SWEET, internationally-recognized expert and speaker from Northeastern University's Center for Advancing Teaching and Learning through Research, presented two days of workshops in February. Workshops on flipped classrooms, contemplative teaching practices, and strategies for teaching critical thinking were offered in both face-to-face sessions and via Blackboard Collaborate. The sessions were sponsored by the Center for Advancing Faculty Excellence with assistance from Academic Innovations & eLearning. Sessions offered on Friday were largely attended by full-time faculty and Saturday sessions were offered for adjunct faculty.



CABLE GREEN, nationally renowned expert on Open Educational Resources (OER) and director of global learning at Creative Commons, led discussions and workshops on the Anchorage campus in September and online workshops in October. Hosted by Academic Innovations and eLearning, workshops explored open educational resources and how to integrate them into programs and classes.

ePATHWAYS MAKERSPACE CONFERENCE in January presented two tracks: (re)Design Your Course and Quality Matters (QM)-Improve Your Online Course. The (re)Design track offered sessions to help faculty (re)create or enhance online course environments utilizing Blackboard and/or eWolf (ePortfolios). The QM track explored the QM Rubric and provided faculty with a framework for improving the quality of online and blended courses.

APPRENTICESHIPS

The Community & Technical College (CTC) is retooling its registered apprenticeship program and has joined the Registered Apprenticeships College Consortium (RACC), the only college in Alaska to do so. Embedding apprenticeships within CTC programs will create streamlined career pathways for students to receive classroom and on-the-job training. Students in a registered apprenticeship program sign up for UAA classes, but they are also employees of the partnering organization while receiving hands-on career training, college credit, and national industry certification.

NEW RURAL IMMERSION INSTITUTE OF THE NORTH

The Alaska Area Health Education Centers (AHEC) launched a new interdisciplinary opportunity for health students. The Rural Immersion Institute of the North program will expose pre-professional health majors to a rural and/or underserved healthcare experience with the goal of increasing future practice in the neediest communities. The AHEC program office is based at UAA's Alaska Center for Rural Health and Health Workforce and is supported by UAA and the U.S. Department of Health and Human Services.

INSTITUTIONAL ACCREDITATION

The University of Alaska Anchorage has been accredited by the Northwest Commission on Colleges and Universities (NWCCU) since 1974. UAA's accreditation includes UAA Anchorage, Kenai Peninsula College, Kodiak College, Matanuska-Susitna College, and Prince William Sound College.

Institutional accreditation is regularly reviewed and renewed (or "reaffirmed") by the NWCCU. This occurs through regular reports and site visits. UAA's institutional accreditation was last reaffirmed in early 2012, as a result of the Year One Evaluation report in September 2011, and began a new seven-year accreditation cycle that runs from 2011-2017.

UAA's reaccreditation will culminate in the comprehensive Year Seven Evaluation report and peer evaluation site visit, scheduled for Fall 2017. The report will address all Eligibility Requirements and Standards.

PROGRAM ACCREDITATION

The following programs completed reaccreditation or initial accreditation processes:

COLLEGE OF ARTS AND SCIENCES

- Journalism and Public Communications BA

COMMUNITY AND TECHNICAL COLLEGE

- Automotive Technology AAS, Undergraduate Certificate
- Diesel Power Technology AAS, Undergraduate Certificate
- Aviation Flight School: Professional Piloting AAS & Aviation Technology, BS emphasis

COLLEGE OF HEALTH

- Medical Assisting AAS
- Physical Therapist Assistant AAS (initial accreditation)

NEW AGREEMENTS



UAA and **Washington State University (WSU)** signed an agreement allowing qualified students to transfer two year's of designated coursework at UAA directly into the Bachelor of Science Chemical Engineering Program at WSU.



UAA and **Iwate University (IU)** in Morioka City, Japan, signed a cooperative agreement to explore the collaborative research, joint academic and scientific activities, publications, and faculty and student exchanges.

A follow-on agreement for the exchange of undergraduate and graduate students was signed in May 2016.



UAA and the **University of Stavanger (UiS)** in Stavanger, Norway signed an agreement for the exchange of undergraduate and graduate students.

Student Success

FULBRIGHT SCHOLARS

Thirteen UAA students in the past decade have received this prestigious award, including two this past academic year.

BEN HURST, 2016-17 Fulbright Teaching Scholar, is the ninth German language student at UAA to receive this award. A December graduate with a degree in German and a minor in psychology, Hurst continued at UAA in the spring taking a German literature class. He begins his Fulbright year in September when he will teach English to German students in Lower Saxony. Natasa Masanovic, chair of the languages department and Hurst's German professor and Fulbright mentor, said, "Ben came here with a big motivation to learn German and to know all about the German culture, and he has achieved all of that."



CRYSTALYN LEMIEUX received a 2016-17 Fulbright Student Award to Canada, the second Alaska Native to receive this award.



A recent graduate in Health Sciences, she will live and work at Thompson Rivers University in Kamloops, British Columbia where she will use ePortfolio technology to create a global learning community and collaborative space for indigenous college students. A Tlingit originally from Haines, Lemieux' undergraduate work focused on health education, and her practicum with First Alaskans

Institute explored issues of racial equity. She hopes her award will help set a positive example.

CONGRESS-BUNDESTAG YOUTH EXCHANGE

VERONICA MARTINEZ, a UAA mechanical engineering student who has studied the German language for seven years, was named a Congress-Bundestag Youth Exchange for Young Professionals Scholar for 2016-17. Martinez is the ninth UAA student to receive this prestigious scholarship. She was one of 75 participants selected for the fellowship program from more than 700 applicants. The one-year program includes two months of language school, four months at a university, and a six-month internship with a company where she will work on renewable energy technology.



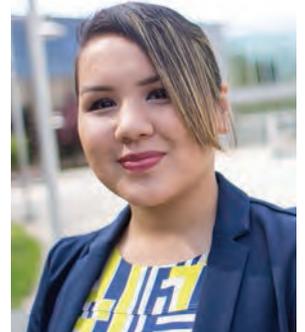
STUDENT HONORS & AWARDS



LACAYAH ENGEBRETSON, a freshman studying elementary education, was the *youth keynote speaker at the First Alaskans Institute's 32nd annual Elders and Youth conference* last fall. Her message was about the power, support, and solace of community. She called on Alaska Native peoples to embrace hard work and love, and reject disrespect, unkindness, addiction, violence, and negativity. A Tlingit, Yup'ik, and Athabascan, Engebretson grew up in the Copper River Valley. Attending a school founded by her mother, that melds culture with education shaped her decision to become a teacher.

AYAKA IKAWA, a Kodiak College student who aspires to be a dentist and served as secretary for Kodiak College student government last year, was awarded a *scholarship for the BUILD EXITO* program at Portland State University. This highly selective and competitive curriculum is an undergraduate research program that encourages and supports students to pursue biomedical research, funded by the National Institute of Health (NIH). NIH is one of the world's foremost medical research centers and is the primary U.S. agency responsible for biomedical and health-related research.

MICHELE KAWAHINE DANNER, a construction management and architectural engineering major, was named to the 2016 "*Top 25 Under 25*" list by *United National Indian Tribal Youth (UNITY)*. Danner will participate in hands-on learning experiences and work on a project of her choice over a period of nine months. Originally from Barrow, Danner's nomination was based in part on her 2015 independent film "Mamit: To Heal," dealing with substance abuse on the North Slope. That issue, along with bullying and suicide, will be the focus of her tenure.



The UNITY program recognizes and celebrates the achievements of Native youth leaders under the age of 25 who exemplify living a balanced life, developing their spiritual, mental, physical, and social well-being.

MEGAN WESTLAKE, a student in the Industrial Process Instrumentation program at Kenai Peninsula College who founded KPC's Electronics and Instrumentation Club last year, was awarded a \$2,500 *scholarship from the International Society of Automation (ISA)*. A nonprofit organization with more than 30,000 members worldwide, ISA develops standards, certifies industry professionals, provides training, and hosts conferences.

2015-16 COMMENCEMENT SPEAKERS



JONATHON TAYLOR delivered the student speaker address for May's spring commencement. No stranger to the podium, Taylor earned top honors as a member of the Seawolf Debate team and was ranked #33 in the world this spring with debate partner Johanna Richter. "Participating in debate was probably one of the best decisions I have ever

made," he said. This year, he also served as student body president, which sometimes required a near full-time effort, in addition to his full-time job with Holland America Princess Alaska. A three-time recipient of the UAA Martin Luther King Jr. Leadership Award, Taylor graduated with a bachelor's degree in political science, with minors in communications, economics and journalism, making the Chancellor's List each year of his enrollment.

MARIO RONCADOR presented his paper "Business Cycle and Accruals" based on his capstone research project at the Society of Business, Industry and Economics (SOBIE) Conference in Florida, and won the *Best Student Paper Award* at the conference. SOBIE is a leading academic conference for small and regional universities.



ALEXANDRIA MCLEAREN and TAMMALIVIS SALANOA were selected as *College Debate 2016 delegates*. The Dominican University of California, a Voter Education Partner of the Commission on Presidential Debates, created the program to help lead a national conversation around key issues that resonate with younger voters. Delegates attend a planning and training session in June at the Dominican campus, returning for the 2016 College Convention in September to produce a specific questions for the 2016 Presidential Debates and submit them to the debate moderators.



GLORIA REYNAGA, a student in the collaborative Creighton University/UAA occupational therapy doctoral program, was one of 20 students selected to participate in the first annual Summer Institute of Future Scientists in Occupational Therapy and the "Building Bridges in Intervention Research" Summit. The program pairs student scientists with doctoral and post-doctorate mentors.

RUDDY SIRRI-AKNOWI ABAM, a first-generation college student, presented the student commencement address in December 2015. Originally from Cameroon, West Africa, Abam graduated from the University Honors College with a bachelor's degree in criminal justice and minors in psychology and political science. Her Honors thesis explored criminal



culture at a neighborhood level, and she presented her research at the Law and Society's annual conference in Seattle. During her time at UAA she has been recognized for her contributions to campus culture and the Anchorage community, working to build a welcoming climate at UAA through the Campus Kick-Off, new student orientation, and as a member of the Diversity Action Council.

ALEX HILLS ENGINEERING & CIVIC ENGAGEMENT AWARD

ISAAC YEP, a mechanical engineering major, minoring in mathematics and physics, received the *Alex Hills Engineering & Civic Engagement Award* to build a prototype STEM educational instrument. The interactive gear board device enables hands-on learning for middle and high school students and demonstrates real-world applications of math and science skills. His faculty advisor is Jeff Hoffman, associate professor of mechanical engineering.



Alex Hills and Issac Yep

SECOND BRIDGE AWARD

JANA LEKANOFF, an anthropology major, received the *Second Bridge Award* to travel to Unalaska to research her project, "Place Names of Unalaska Island." The project will assemble the place names of both water and land-based features in the local Unagan language, as well as in Russian and English, and make this information available online. Medeia Csoba DeHaas, assistant professor of anthropology and Alaska Native studies, is her faculty sponsor.



Student Success

ACADEMIC TEAM HONORS AND AWARDS

KENAI PENINSULA COLLEGE teams finished second and third in the *National Science Foundation's 2016 National Process Technology Troubleshooting Competition*. The team from the Anchorage Extension Site earned second place with team members KADEEN SANFORD, PHILIP VALENTA, team captain T.J. KRIER, and faculty coach Rick Adams. The Kenai River Campus team took third place with team members picture below left to right: BRETT MEYER, ANDREW DAVIS, team captain JOSHUA WOLF, and coach Jeff Laube, assistant professor of process technology.



PRINCE WILLIAM SOUND COLLEGE's honor society, Alpha Psi Gamma, was one of 30 chapters selected from a field of 195 applicants to receive the *Phi Theta Kappa Distinguished Chapter Officer Team Award*. The officer team included JUNAID KHAN, GAYLE KILDAL, JEREMY MILLER, and EMILLIE FICEK. Their advisor is Gail Renardson, professor emerita, English.

SEAWOLF DEBATE

The SEAWOLF DEBATE team continued to earn top honors nationally and internationally. Its success over the last two years in the World Debating Championships and the U.S. Universities Debating Championships now places the program as the 9th most competitive in the world and the 2nd in the United States.

The team of SARAH ELTON and SAM ERICKSON won the U.S. Universities Western Region Championships. UAA teams dominated the field with three teams competing in the final round, and five members placing in the top 10 of the individual speaker awards. Elton and Erickson were semi-finalists in both the Pan-American Universities Championship and the U.S. Universities Debating Championship.

UAA debate team members JONATHON TAYLOR and JOHANNA RICHTER advanced to the final round in the World Universities Debating Championships in Greece, one of only eight teams from the U.S. qualifying, and the only non-Ivy League public university to advance. They finished 33rd overall out of 400 teams.

Locally, Seawolf Debaters faced Hart House Debating Union from the University of Toronto at the Anchorage Performing Arts Center in April. The topic was, "Do consumers have an obligation to buy

locally?" New in 2016, the Seawolf Debate Program partnered with *Alaska Dispatch News* on the "Arguing Alaska" series, featuring policy makers and experts engaging in competitive debates held at the Bear Tooth Theatrepub. Other local debate events include the Northern Lights Debate Tournament and the Cabin Fever Debates. The Seawolf Debate team also works with students from 6-8 area middle schools, and hosts the annual middle school and high school debate championships.

UAA CONSTRUCTION MANAGEMENT students took second and third place at this year's *National Associated Schools of Construction Competition* in Nevada where more than 180 teams from 46 universities participated, according to faculty coach Don Tipton. Twenty-three local firms and six individuals made participation possible with contributions of \$23,000.

The commercial team finished second with JOHN MAQUIRE, ZACHARIAS QUAM, JACOB CRAIG, and DAVID FRESWICH II. The heavy civil team placed third with CHASE SWALLING, ERIN DICKSON, CONOR NICOLL, BRETT SMITH, RODOLFO VAQUERA, and JAKE HENKEL. Jeff Wilson, a senior program manager for Arcadis, was the industry coach for both teams.

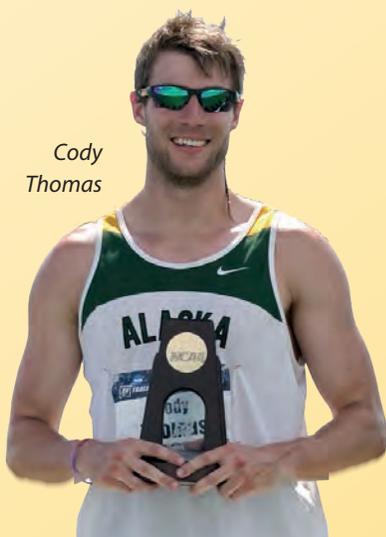
- LOUIS ULLRICH & DAMON DARBY finished 1st in Return on Assets, and in the top 10 in five other categories.
- JAROD HOOGLAND & YUQI WANG placed 3rd in profit, and in the top 10 in 3 additional competitions.
- ALICIA BUDAHL & JESSICA ROCK placed 4th in Asset Turnover.



locally?" New in 2016, the Seawolf Debate Program partnered with *Alaska Dispatch News* on the "Arguing Alaska" series, featuring policy makers and experts engaging in competitive debates held at the Bear Tooth Theatrepub. Other local debate events include the Northern Lights Debate Tournament and the Cabin Fever Debates. The Seawolf Debate team also works with students from 6-8 area middle schools, and hosts the annual middle school and high school debate championships.

A STELLAR YEAR FOR SEAWOLF ATHLETICS

- Ranked 8 out of 307 schools nationally in the Learfield Directors' Cup competition which measures success on a national level.
- Seawolf athletes' 3.25 combined GPA set an all-time record.
- Athletes logged 2,600 hours in service to the community in 2016.
- 86,000 fans attended UAA athletic events in 2016.
- 55 Academic All-Conference honorees.
- 27 All-Americans.
- 20 Individual conference champions.



Cody Thomas

TRACK & FIELD

CODY THOMAS won the decathlon at the NCAA Championships, and was named GNAC Male Athlete of the Year, and the U.S. Track & Field and Cross Country Association's Scholar-Athlete of the year for men's NCAA Division II outdoor field.



Julia Mackey



WOMEN'S BASKETBALL

- Runner-up for the NCAA Division II title, set NCAA record with 38 wins in the season and repeated as GNAC champions.
- MEGAN MULLINGS named GNAC Player of the Year & Bill MacKay Athlete of the Year.
- Presented with the Pride of Alaska Award by the Alaska Sports Hall of Fame.

CROSS COUNTRY

- Men's team finished 3rd and the Women's team finished 8th at the NCAA Championships.
- Individual GNAC Athlete of the Year awards went to HENRY CHESETO and JOYCE CHELIMO.
- Coach MICHAEL FRIESS was named West Region Coach of the Year for the 10th time in his 26-year coaching career.

GYMNASTICS

- Set 11 new school records, including a 194.125 score.
- UAA named 2016 MPSF Academic Team Champion with the top overall grade point average in the conference of 3.6441, placing UAA 7th in the nation.
- Coach PAUL STOKLOS was named MPSF Coach of the Year for the third time in his career.

MEN'S BASKETBALL

- A 21-11 season record marked the 11th consecutive winning season and tied for third place in the GNAC standings.
- SUKI WIGGS led the GNAC in scoring.

SKIING

- Men's and Women's ski teams finished in the top 10 at the NCAA Skiing Championships for the ninth straight year.

VOLLEYBALL

- Most successful season in program history with 27-3 record.
- GNAC Champions and advanced to second round of NCAA Championship
- KATELYNN ZANDERS named GNAC Player of the Year.
- CHRIS GREEN earned his second GNAC Coach of the Year award.
- Hosted NCAA Division II Tournament and led all of NCAA Division II in average attendance with 1,481 fans per match.

GNAC: Great Northwest Athletic Conference
MPSF: Mountain Pacific Sports Federation

Research & Creative Activity

INVENTIONS & PATENTS

Since FY11, the number of invention disclosures has increased from 3 to 45. To monetize these invention disclosures, UAA has increased the number of patent applications filed to 42, up from 1 in FY11. Seven patents have been issued, up from 0 in FY11, and the first 4 startups were formed.

Electrical Engineering professor JOHN LUND and assistant professor TODD PETERSEN were granted U.S. Patent No. 9,257,036 B2 for *Long Lifespan Wireless Sensors and Sensor Network* on February 9, 2016. The device, is produced by UAA's first start-up company, Zensor™, LLC. The inventors were inducted into the UAA Patent Wall of Fame at the World Intellectual Property Day event.



ANTHONY PARIS, associate professor of engineering, was inducted into the Patent Wall of Fame at the Innovate Awards ceremony for the recently issued patent, *Bending Instruments and Methods of Using the Same*, U.S. Patent No. 9,003,859 B2.

UAA STARTUP NEWS

The newest startup is RHIZOFORM, LLC, which is based on *Biomimetic Alternative to High-End Fabricated Polymeric Foams*. Rhizoform provides bioengineering technology to manufacture rapidly-renewable thermal insulation that is carbon-neutral, green, and provides a competitively priced alternative to synthetic insulation.



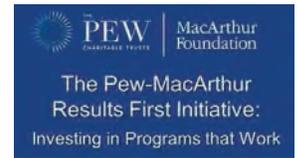
CFT SOLUTIONS, LLC is working on a multi-phase contract with the Alaska Department of Transportation for research and testing of its product in asphalt, including installation of two test panels. One panel will be installed at the DOT Maintenance and Operation yard and a second at the intersection of Tudor and Martin Luther King Boulevard.

UAA PARTNER IN \$20 MILLION NIH GRANT

UAA is a partner in a new \$20 million, five-year *National Institutes of Health (NIH)* grant to create an AMERICAN INDIAN-ALASKA NATIVE CLINICAL TRANSLATIONAL RESEARCH CENTER. Other partners are Montana State University, UAF, Blackfeet Community College, University of Montana, Alaska Native Tribal Health Consortium and Southcentral Foundation. The funding will provide faculty and collaborators in Anchorage's U-Med district access to pilot grants to conduct health disparity research in Alaska. These funds will help support recruitment of Alaska Native graduate, undergraduate and medical students through WWAMI, in addition to healthcare faculty and researchers.

PEW-MACARTHUR RESULTS FIRST INITIATIVE

The Pew-MacArthur Results First Initiative has partnered with Alaska to further the state's criminal justice reform efforts. The work will target evidence-based programs and recidivism-reduction grants by generating additional information to help guide policy decisions and ensuring that funded programs deliver the intended results.



The Initiative is jointly funded by the state of Alaska and the Alaska Mental Health Trust Authority, is housed at the UAA Justice Center, and is directed by the Alaska Justice Information Center's Brad Myrstol.

NATIONAL SCIENCE FOUNDATION DAY

The Office of Research and Graduate Studies organized the first National Science Foundation (NSF) Day at UAA on April 8. The National Science Foundation funds 24 percent of all federally supported basic research conducted by America's colleges and universities. The event brought seven directors from the NSF to present information on NSF funding and provide insights into how to compete for NSF funds.



ARCTIC DOMAIN AWARENESS CENTER held a ribbon-cutting ceremony at the Conoco-Philips Integrated Science Building in October marking the official opening of this Center of Excellence.



2015-16 INNOVATE AWARDS

The Innovate Awards were established by Vice Provost of Research and Graduate Studies Helena Wisniewski to encourage new research, creative works, and innovation. From 2012 through 2015 the awards have supported 50 projects by teams and individuals across multiple disciplines throughout UAA. These projects have achieved a better than 3 to 1 return on research investment through externally funded grants. This year seven projects were funded involving 19 faculty. Awardees included:

- ERIC BORTZ, Biological Sciences, *Bioengineering: an Interferon Bioassay for Cancer Therapy*
- BRANDON BRIGGS, Biological Sciences, *Enhancing Biological Production of Ethylene and Isobutene*
- ERIN K. S. HICKS, Astronomy, *The KONA Survey: Forming Galaxies through Supermassive Black Holes Feeding and Feedback*
- JONATHAN STECYK, Biological Sciences, *Cardio-physiology of a Unique and Enigmatic Alaskan Species, the Alaska Blackfish*
- DANIEL J. ANTEAU, Theatre & Dance, REBECCA VOLINO ROBINSON and CLAUDIA LAMPMAN, Psychology, BRIAN COOK, Theatre, JILL FLANDERS CROSBY, Dance, and HERMINIA DIN, Art Education, *Stalking the Bogeyman Project*
- JENNIFER STONE, English, KENRICK MOCK, Engineering and Computer Science, PATRICIA GREGA, Developmental Education, SHARON EMMERICHS, English, DANIEL KLINE, English, DAVID DANNENBERG, Academic Innovations and eLearning (AI&e) and Instructional Technology, CLAUDIA PEARSON and JOHN THOMAS CRIPPS JR., AI&e staff, *Spirit Quest: Gamifying Student Success*
- Z. JOEY YANG, Civil Engineering, *Prototype Development for the Conversion of Conventional Passive Cooling System of Solar-Powered Active Cooling System*

WORLD INTELLECTUAL PROPERTY DAY AT UAA

UAA hosted the first WORLD INTELLECTUAL PROPERTY (IP) DAY held in Alaska on May 3, 2016. This event was organized by the Office of Research and Graduate Studies in partnership with the Anchorage Economic Development Corporation, and the U.S. Patent and Trademark Office (USPTO). The theme was “Beyond Commodities: Transformation through Innovation.”

John Cabeca, director of the West Coast U.S. Patent and Trademark Office, Tony Stanco, executive director of the National Council of Entrepreneurial Tech Transfer, Jon Bittner, vice president of the Anchorage Economic Development Corporation (AEDC), Andrew Mitton, attorney and founder of Vellum LLC, and Steve Socoloff, founder and managing partner of New Venture Partners, were among the 20 speakers and panelists representing venture capital firms, investors, entrepreneurs, and corporate leaders. Sponsors included AEDC, Ballard Spahr, Zip, UAA Colleges of Business and Public Policy, Engineering, Arts & Sciences, and the Business Enterprise Institute.

Helena Wisniewski, vice provost for Research and Graduate Studies, Chancellor Tom Case, and Anchorage Mayor Ethan Berkowitz opened the session. Lieutenant Governor Byron Mallott spoke during the evening session. Awards for the winning entries in the Innovate Idea competition were also presented to five projects:

- *Most Beneficial Globally*: ERIC BORTZ (Biological Sciences), *Interferon Bioassay for Immunotherapy against Cancer*.



Lieutenant Governor Byron Mallott

- *Most Transformative*: MAX KULLBERG (Pharmaceutical Sciences), *Targeted Programming of Myeloid Derived Suppressor Cells in Cancer*.
- *Most Likely to Succeed*: KENRICK MOCK (Computer Sciences), *Sensor and Algorithms for Automated Insulin Delivery*.
- *Most Beneficial to Alaska*: JOEY YANG (Civil Engineering), *Thermal Insulation Material Grown from Fungi Mycelium and Forestry Byproducts*.
- *Post Market Best for Alaska*: DANIEL PERPICH (Vertical Harvest Hydroponics), *for Vertical Harvest Hydroponics*.

Established in 2000 by the World Intellectual Property Organization, World Intellectual Property Day is observed annually with a variety of events around the world to raise awareness of the importance of intellectual property and contributions of creators and innovators.

Research & Creative Activity

RESEARCH FOR ALASKA AND ALASKANS

Here are selected research projects underway at UAA in FY16.

Reprogramming Immunosuppressive Cells in Tumors by Targeted Delivery of All-Trans Retinoic Acid. MAX KULLBERG (WWAMI School of Medical Education) and HUI-CHING KUO (Biological Sciences) are working to overcome barriers in drug delivery for immunotherapy cancer treatments that fail to reduce tumor growth and metastasis. The team has an innovative approach to liposomal delivery systems that will improve T-cell activation, leading to tumor regression. Received an Innovate Award.

Dissociating the roles of intestinal bacteria and learned anticipatory responses to sweet tastes in producing harmful effects of artificial sweeteners (will your diet drink

make you fat?). GWEN LUPFER (Psychology), and KHRYS DUDDLESTON (Biological Sciences) are researching treatments for overweight humans who consume artificial sweeteners, which instead of preventing obesity can increase weight gain. Received an Innovate Award.



Gwen Lupfer, Khrys Duddleston

Rut-resistant Pavement. OSAMA ABAZA (Civil Engineering) and graduate students ZAID HUSSEIN and MAHEAR ABOU EID developed a new recipe for pavement that increases its life from 5 to 20 years. After four years of testing in the lab to get the right combination of rubber and steel fibers for the concrete, Abaza and his students worked with the Alaska Department of Transportation and Alaska Sand and Gravel to create a test slab near the UAA library to test over the winter, and are installing a prototype on Abbott Road.

Water Remediation. AARON DOTSON (Engineering) has patent pending #14/503 306 for a new synergistic technology for water treatment that combines ultraviolet light and ceramic membrane filtration. His research will provide a potential technology to improve water treatment in small systems, which could be beneficial in rural Alaska.



Aaron Dotson

A \$10,000 Innovate award in FY14 led to external funding, including \$300,000 from USEPA and \$900,000 from the Alaska Department of Environmental Conservation. Dotson and students CARA LUCAS and GREG MICHAELSON used this technology on a prototype in the Alaska Water and Sewer Challenge. Testing begins in July and will conclude in March 2017.

Process-based Coastal Erosion Modeling. TOM RAVENS

(Civil Engineering) and graduate student JON S. ALLEN created a storm surge model capable of illustrating flooding patterns and forecasting ecological changes. This

initial research was funded by the U.S. Coast Guard and the U.S. Fish and Wildlife Service's Landscape Conservation Cooperative. The Department of Homeland Security is funding further research through UAA's Arctic Domain Awareness Center. Ravens is now focusing on modeling Arctic oil spills and on flooding in Norton Sound.



Tom Ravens

A Biomimetic Alternative to High-End Fabricated Polymeric Foams: Feasibility Study of Native White-Rot Fungi-Based Insulation Material for Geoengineering Applications.

PHILIPPE AMSTISLAVSKI (Health Sciences) with JOEY YANG (Civil Engineering), and MARIA WHITE (Undergraduate Student) are working on this interdisciplinary project to produce an Alaskan fungi-based composite that meets key requirements for thermal insulation in cold region. It is environmentally-friendly and can be produced locally. This project received an Innovate Award, and led to UAA's fourth start-up company, Rhizoform.



Philippe Amstislavski

Wind Farm at Igiugig. JIFENG PENG (Mechanical Engineering) is



working with colleagues from Stanford and residents of Igiugig to use vertical axis wind turbines to generate cheaper energy for the community. With a grant from the Gordon and Betty Moore Foundation, Peng and his associate, John Dabiri, a MacArthur Fellow, researched geographic locations and different models of vertical axis turbines. These turbines are smaller, lighter, and more reliable because they are effective no matter which way the wind is blowing. Their work was cited in a fact sheet from the White House on new investments.

Bioengineering: an Interferon Bioassay for Cancer Therapy. ERIC BORTZ (Biological Sciences) is contributing to the development of immunotherapy against cancer, where the body's immune system targets and eliminates tumor cells. His work may reveal the susceptibility of these cancer cells to a novel RNA immunotherapy strategy, where immune responses "believe" the cancer cells are infected with a virus and eliminate them using antiviral defenses. Received an Innovate Award.

STUDENT RESEARCH

ELIZABETH KING, a Master's in Public Health student, received the *Arctic Health Emerging Professional Award* at the 15th Annual Arctic Health Sciences Seminar in April. King presented highlights from her master's research on rainwater catchment, community science, and water quality in rural Alaska. Her project, funded by the Clinical Translational Research Infrastructure Network, was conducted with faculty co-investigators ELIZABETH HODGES SNYDER (MPH Program), AARON DOTSON (Engineering), and Tim Thomas (Alaska Native Tribal Health Consortium).

UNDERGRADUATE RESEARCH

Research conducted by UAA undergraduate students and faculty was featured at the Anchorage Legislative Information Office in an all-day poster session on May 5. Sponsored by Representative Geran Tarr, the session included student and faculty presentations followed by Q & A segments about their work.



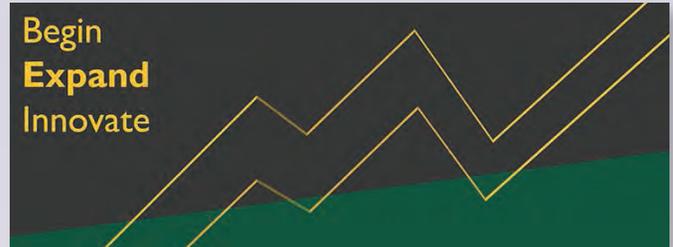
Jim Olson, renowned cancer researcher with the Fred Hutchison Cancer Research Center, was the keynote speaker for the **2016 UAA Undergraduate Research and Discovery Symposium**. The 4-day symposium included poster and research

presentations, a reception, and awards ceremony. More than 100 posters were displayed.

Sixty-three awards were presented, including:

- 32 Undergraduate Research Awards,
- 9 Undergraduate Research in the Community Awards,
- 5 Murdock Charitable Trust Awards,
- 3 Alaska Heart Institute Fellowships,
- 3 Health Sciences Research Internships,
- Discovery Awards,
- 1 Brian and Amy Meissner Creativity Award.

UAA's first 8 EXITO Scholars were also recognized. EXITO scholars are funded by a grant from the National Institute of Health to increase the number of underrepresented groups in biomedical research careers. EXITO Scholars receive funding, mentoring, and experiences in biomedical research. The eight EXITO Scholars are ASIA ARRANT-HOWELL, ARIANE AUDETT, CALVIN FREID, FELECIA GLASER, JESSICA KESTER, TRINA MUSLIU, SHANNON ROYAL, AND ASHLEY WIDMER.



The **UAA BUSINESS ENTERPRISE INSTITUTE (BEI)** suite of programs provides technical assistance and other services to businesses and communities to advance economic development and link them with expertise and talent at the university. Recent new programs include:

ALASKA SMALL BUSINESS DEVELOPMENT CENTER

launched a new energy efficiency initiative to provide free business and financial planning to help Alaska companies navigate the confusing world of energy finance, technology and service providers.

COOPERATIVE DEVELOPMENT

BEI received \$200,000 in rural cooperative development grant funding from the U.S. Department of Agriculture to improve economic conditions in Alaska by establishing new cooperatives and providing technical assistance to strengthen existing ones.

i6 INNOVATION CENTER DESIGNATION

In 2015, the Alaska Center for Energy and Power, the Alaska Small Business Development Center (SBDC), and UA Center for Economic Development received a special designation as an i6 Innovation Center through the U.S. Economic Development Administration. The new center will develop and commercialize energy technologies for rural microgrids.

LAUNCH : ALASKA

BEI helped in the creation of Alaska's first business accelerator. Launch : Alaska provides an intensive 90-day program with education, mentoring, co-working and \$25,000 to encourage investment readiness. In 2016, the inaugural cohort of five scalable companies was selected for projects ranging from drones to smart jewelry to healthier outdoor food.

VENTURE MENTORING SERVICE (VMS)

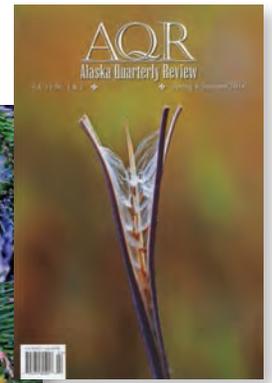
BEI's modeling of the Massachusetts Institute of Technology's Venture Mentoring Service is developing a more robust venture mentor network in Alaska. VMS will tap talent to serve as mentors, providing unbiased advice to entrepreneurs, and supporting business ventures of students, faculty, staff, and alumni as well as those in the private sector.

APPLIED ENVIRONMENTAL RESEARCH CENTER (AERC)

One of BEI's nine centers, the AERC is a self-supporting entrepreneurial unit that generated more than \$2.5 million in new dollars for UAA, most through contracts with the U.S. Army Corps of Engineers.

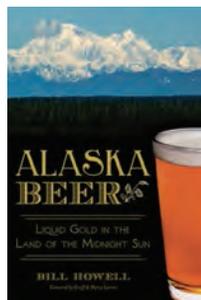
Research & Creative Activity

ALASKA QUARTERLY REVIEW (AQR), led by Professor and Editor-in-Chief RONALD SPATZ, received significant recognition with the publication of two new book-length editions. The Fall/Winter 2015 edition included an 80-page special feature, “They Were My People” by Alaska’s Pulitzer Prize and Grammy-winning composer John Luther Adams. The Spring/Summer 2016 issue marked AQR’s 34th year of continuous publication, and featured a collaboration between poet Peggy Shumaker and artist Kesler Woodward as well as a powerful and courageous personal essay about sexual assault on a college campus and its aftermath. Well-attended public launch events for both editions were held in Anchorage and Fairbanks.

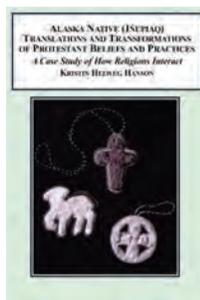


- Works initially published in AQR were selected for inclusion in 2016 *The Best American Short Stories* and *The Prize Stories: The O. Henry Awards 2015*, *The Best American Poetry 2016 and 2015*, *Poetry Daily*, and two AQR essays were cited in *The Best American Essays 2015*.
- The State of Texas Assessment of Academic Readiness program selected an AQR short story, and 550,000 student test-takers will read this example of narrative literary art.
- In 2016 a journal for teachers, *Cahiers Philosophiques*, issue 144 (French Ministry of National Education) reprinted an extract of an AQR feature.
- AQR was mentioned in the *Huffington Post* and other national outlets. In Alaska, AQR and Editor Spatz were featured on *Alaska News Nightly*, *KTVA Daybreak*, and *The Anchorage Press*.

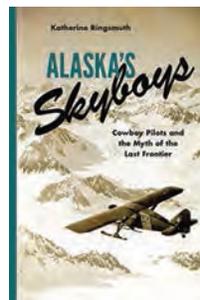
BOOKS BY UAA FACULTY & STAFF



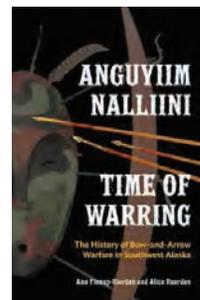
Bill Howell



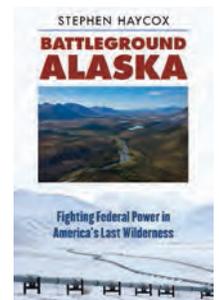
Kristin Hanson



Katherine Ringsmuth



Marie Meade with
Ann Fienup-Riordan



Stephen Haycox



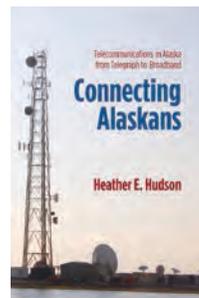
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Romano-Lax



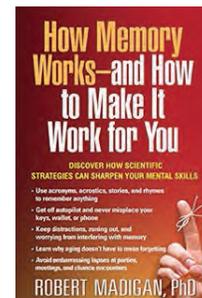
Eva Saulitis



Travis Rector



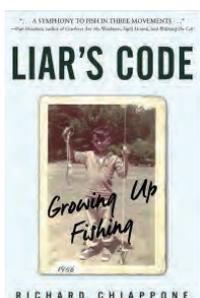
Heather Hudson



Robert Madigan



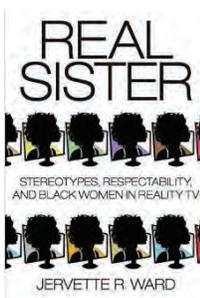
Ian Hartman



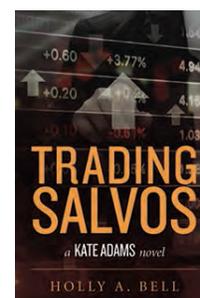
Richard Chiappone



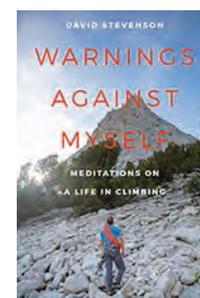
Nancy Lord, editor



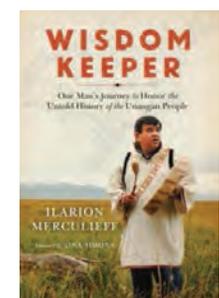
Jervette Ward



Holly Bell



David Stevenson



Ilarion Mercurieff

STALKING THE BOGEYMAN ENGAGES COMMUNITY ON DIFFICULT TOPIC

“Stalking the Bogeyman” made its Alaska and West Coast debut in UAA’s Harper Theatre in April, coinciding with National Sexual Assault Awareness Month.



Based on Alaska journalist David Holthouse’s personal story of childhood rape, the production was an interdisciplinary partnership between UAA and several community organizations. The Theatre and Dance, Psychology, and Art Departments worked with the Alaska Children’s Trust, Standing Together Against Rape, and the Alaska Native Tribal Health Consortium to use the play as a way to spark community dialogue about the issue. Post-show talkbacks followed each performance, offering on-site mental health support and therapeutic art experiences for actors, crew, and audience members. Students in the UAF/UAA Clinical-Community Psychology Ph.D. program are studying the production and audience response.

The UAA production, directed by Brian Cook, received funding through the National Endowment for the Arts, the Rasmuson Foundation, and the UAA Innovate Awards. Upon the completion of its highly regarded Anchorage run, the production traveled to Palmer, Homer, Seward, Valdez, and Fairbanks in the summer of 2016.

WELCOMING ANCHORAGE

The Center for Community Engagement and Learning (CCEL) represents UAA in a new community project, Welcoming Anchorage, a national Welcoming Cities & Counties initiative primarily focused on new immigrants and refugees, and including any other groups that experience exclusion.

Last fall, CCEL brought that idea to campus as Welcoming University, expanding UAA’s welcome to new students through multiple departments including Advancement, Native Student Services, Multicultural Center, New Student Orientation, Residence Halls, and International Admissions. Incoming International and

Native students were invited to attend a *Welcoming Anchorage Week* event at The Anchorage Museum where Mayor Ethan Berkowitz gave them a special welcome to the city. In addition,



HEATHER ADAMS’ English 311 Advanced Composition course wrote various documents to suggest how Welcoming Anchorage can communicate its initiative to Anchorage’s general population.

The course’s community-engaged student assistant, KAITE PEMBERTON, helped to aggregate student recommendations and passed them on to the Welcoming Anchorage team. She also was instrumental in helping Adams and JACKIE CASON, another professor teaching the class, plan for ongoing community-engaged work with Welcoming Anchorage.

SELKREGG AWARD FOR COMMUNITY ENGAGEMENT AND SERVICE LEARNING

IAN HARTMAN, professor of history, received the 2016 Selkregg Award for his project, *A Comprehensive Study of African American and Civil Rights History in Southcentral Alaska*.

Hartman will continue an existing partnership with the Cook Inlet Historical Society and build a network of contacts in the NAACP/Anchorage chapter, Shiloh Baptist Church of Alaska and the Martin Luther King Foundation of Alaska to provide African American community leaders, activists, and working people an opportunity to share their stories and reflections of life in Anchorage. These stories, with archival research, will document the migration of African Americans to Alaska prior to and during World War II, housing and employment discrimination, mobilization and activism of African Americans during the Civil Rights Era, and the impact and legacy of discrimination into the present.



The research will be incorporated into curriculum on the history of Alaska and a new course. “History of Race and Ethnicity in the American West,” bringing together students, community members and educators to shed light on a history that has remained in the shadows.

The \$5,000 award supports faculty to develop community-engaged research, creative activity, and course-based service learning projects, and is made possible by a fund established in memory of Fred and Lidia Selkregg.

Community Engagement

KODIAK PARTNERSHIP PROMOTES PIPELINE OF TEACHERS USING LOCAL ARTS & CULTURE

KITTY DEAL, assistant professor of education based at Kodiak College, is principal investigator on the *Munartet Project*.

Munartet is an Alutiiq word meaning “artists,” and this project’s purpose is to develop a sustainable pipeline of teachers who teach in and through the arts and culture in Kodiak. High school juniors interested in becoming teachers are eligible for dual credit/concurrent enrollment through Kodiak



College. At the college level, the program uses a cohort-based model and incorporates discipline-based arts, arts integration, and culturally relevant arts teaching methods. Pre-service and early career teachers work with local artists and culture bearers and are paired with mentor teachers who reinforce the techniques in the classroom. Partners include Kodiak Island Borough School District, Alutiiq Museum, Kodiak Arts Council, and Kodiak College, with support from the Alaska State Council on the Arts.

LEADERSHIP FELLOWS JUNIOR PROGRAM



The College of Business and Public Policy’s Leadership Fellows Junior program at Clark Middle School expanded in 2016 with participation from the Colleges of Health and Education. The program also worked with Academic Innovations & eLearning’s ePortfolio vendor, Digication, so students could complete their own ePortfolios.

FIRST ENGLISH LANGUAGE LEARNERS’ SUMMER WRITING AND MATH ACADEMY

A new partnership between the Anchorage School District (ASD) and the College Preparatory & Development Studies Department presented the first *ELL Summer Writing and Math Academy* this summer on the Anchorage campus. The 3-week program targeted students who have completed the school district’s English Language Learner (ELL) program but needed to develop core academics to become college-ready. Additional partners included the Colleges of Engineering, Business & Public Policy, and Office of New Student Orientation.



ASD Superintendent
Deena Paramo

ASD teachers and staff collaborated with UAA faculty and support staff in program development, teaching, and assessment. English courses culminated in a capstone project focused on “high impact” pedagogies, along with opportunities for hands-on applications in mathematics, undergraduate research, and collaborative learning. Tutors from the UAA Math Lab and consultants from the Writing Center assisted during the academies and will connect with participants in their own schools during the subsequent academic year. In addition to preparing students for college-level writing and mathematics, the on-campus experience gave students a chance to learn more about what is offered at UAA. The academies also facilitated professional development for both UAA and ASD faculty through team-teaching, curriculum development, and collaborative learning and partnership.



Engineering Lab

FACULTY SCHOLARS SERVICE LEARNING

Five Kenai Peninsula College faculty members participated in the *Faculty Scholars Service Learning Program* in the Spring 2016 semester: PAUL LANDEN, associate professor of psychology; JOHN MESSICK, assistant professor of English; DEBBIE TOBIN, professor of biology education; LEE POST, a bone articulation expert and adjunct professor; and MARC WEBBER, deputy manager of the Alaska Maritime National Wildlife Refuge and adjunct professor.



DENA'INA LANGUAGE VIDEOS

Kenai Peninsula College staff and faculty collaborated to produce a series of Dena'ina language videos as part of the Elementary Dena'ina Language course. SONDRÁ SHAGINOFF-STUART, Alaska Native Student Services coordinator, worked with HELEN DICK and ANDREA IVANOFF, adjunct language instructors on the project. Part of a strategy to use language instruction with common activities like beading and cooking to expand usage of the Dena'ina language, the videos are easily accessible on YouTube.

A FRAMEWORK FOR EARLY CHILDHOOD MENTAL HEALTH

MARY DALLAS ALLEN, assistant professor of Social Work, with community partners Alaska Early Childhood Comprehensive Systems Program and HeadStart, completed the framework for Implementing Infant & Early Childhood Mental Health Consultation in Alaska Head Start Programs. Results were presented at the Alaska Early Childhood Mental Health Institute and at the UAA Faculty Research Showcase. A poster presentation was also accepted at the National Research Conference on Early Childhood in Washington D.C. The project was supported by a faculty mini-grant from the Center for Community Engagement and Learning.

UAA PHILANTHROPY PROJECT: CIVIC ENGAGEMENT: LEARNING BY GIVING

Last fall, the Advanced Civic Engagement course (CEL A392), taught by JUDITH OWENS-MANLEY, included an expanded philanthropy component, courtesy of a grant from the Learning by Giving Foundation and local funds from the Atwood Foundation, the Foraker Group, and UAA. The class had \$10,000 to award to four different agencies. Students learned about state and local issues before reviewing proposals written by students in Professor ANGELA ANDERSEN's summer ENGL 212 Technical Writing classes. After their reviews, the class awarded \$2,500 each to Abused Women's Aid in Crisis, Standing Together Against Rape, Children's Lunchbox, and Mountain View Boys & Girls Club. In the process, they not only learned about philanthropy and grant writing, but they "learned a lot about ourselves, our culture, our values, and our community."



Students and grant recipients.

COMMUNITY-ENGAGED STUDENT ASSISTANTS

Students selected to work as community-engaged student assistants (CESAs) with faculty in community-engaged teaching, research, or creative activity receive tuition support from the Center for Community Engagement and Learning. In AY16, 48 students assisted faculty with 30 community projects in 15 disciplines. Education-related projects accounted for seven of the 30 projects. Community partners included the Anchorage School District, The Anchorage Museum, the State of Alaska Citizen Review Panel, Boys & Girls Clubs Alaska and more. Following are examples of two projects in AY16:

ALASKA FOOD POLICY COUNCIL FESTIVAL

BRYAN LEE and KATE CASANOVA helped organize the Alaska Food Policy Council's Food Festival and Conference in February. The project faculty was LIZ HODGES SNYDER, assistant professor of public health and the coordinator of the Master's in Public Health program. Hundreds of people attended the conference held at UAA's Cuddy Center. Conference sessions addressed food security in Alaska, production and harvesting, business and education, community and food traditions. Featured speakers included Anchorage Mayor Ethan Berkowitz, Senator Lisa Murkowski, Alaska Arctic Policy Advisor Craig Fleener, and chefs Kirsten Dixon and Aaron Apling-Gilman. Fifteen additional agencies and dozens of individuals helped support the conference.



PILOTING STEM CURRICULUM FOR ANCHORAGE SCHOOL DISTRICT FIRST GRADERS



CESAs Jennifer Hately, Allyson Taylor, and Faculty Wei Hsiao & Joe Kenney displaying the project robots.

JENNIFER HATELY and ALLYSON TAYLOR worked with professors WEI HSIAO and JOE KENNEY in the College of Education on a project integrating STEM (science, technology, engineering, and math) hands-on activities into an Anchorage School District pilot STEM curriculum for first grade students at a Title I school. The student assistants created lesson plans using Next Generation Science Standards and course objectives of the Anchorage School District. They designed and led weekly one-hour science sessions with first grade students, introducing robotics programming and coding. Projects provided opportunities for students to build critical thinking and problem-solving skills. Engineering was incorporated as students designed and created their own birdfeeders. In lessons on robotics, the first graders learned programming and coding procedures for the robots, Dot and Dash, then collaborated with their peers on a challenge task.

Community Engagement

ISER OFFERED COURSE, FORUMS, AND A GAME ON THE STATE'S CHALLENGING ECONOMY

The Institute for Social and Economic Research (ISER) partnered with Alaska Common Ground to provide a two-day course on *Shaping the Future: Navigating Alaska's Fiscal and Economic Challenges* in February. ISER developed the Alaska Budget Game for the course to illustrate the difficulties of balancing the budget. The Game was also available to all Alaskans to help them better understand the state's fiscal crisis. In May, ISER Director GUNNAR KNAPP, along with Paul Kendall, an energy and political activist, met twice in a free, open-to-the-public forum in Rasmuson Hall to discuss the state's fiscal options.



NORTHRIM BANK LECTURE SERIES AT MAT-SU

State Economist Neal Fried presented *The Outlook for Economic Trends in the Matanuska Valley and Alaska* at Mat-Su College's Glenn Massay Theater on February 11. It was the first in a new business lecture series made possible by a generous gift from Northrim Bank.

THINK TANK SERIES

The Center for Community Engagement and Learning hosts the *Think Tank* series in which a nonprofit agency presents an issue with faculty, students, staff, and community members brainstorming solutions. The lunchtime meetings feature pizza provided by Moose's Tooth. This year's series included:

- **Food Bank of Alaska:** *How do we provide enough nutritious food for every Alaskan?* (September)
- **Anchorage Public Library:** *How can adults in our community get the tech skills they need?* (October)
- **STAR (Standing Together Against Rape):** *How can STAR and UAA/APU work together to serve the collegiate population in Anchorage?* (November)



Tim Flynn and Sherry Worthly from STAR

- **thread—connecting early care & education to Alaska:** *How can we engage business-corporate leaders to invest in early care and learning?* (February)

- **Anchorage Parks Foundation:** *How can we build a stronger sense*

of community through Anchorage neighborhoods, parks, and trails? (March)

- **ARISE (Anchorage Realizing Indigenous Student Excellence):** *How can the community work together to ensure that schools are culturally responsive and respectful?* (April)

CONFERENCES

Throughout the year, UAA hosts numerous conferences and symposia on topics of concern in the community and the world. A few of the conferences held in AY16 included:

The *Cyber-Ethics Conference* was held at UAA in February. This interdisciplinary conference for faculty, students, and the Anchorage community explored the ethical and cultural aspects of artificial intelligence and robotics with a focus on Japan, the current leader in robotics. Two keynote speakers were featured:

- Jennifer Robertson, professor of anthropology at the University of Michigan, and author of a forthcoming book: *Robo Sapiens Japonicus: robotics, eugenics, and posthuman aesthetics*; and
- Takanori Shibata, a research scientist and visiting fellow at both Tokyo Institute of Technology and MIT, who created a plush robotic baby harp seal named *Paro* that provides comfort to patients in hospitals and nursing homes.



Students with the Robot Paro

The conference was sponsored by UAA's Montgomery Dickson Center for Japanese Language and Culture, the Ethics Center, the Department of History, Department of Philosophy, and the Japanese Language Program, and was held in conjunction with the Department of Philosophy's 11th annual Undergraduate Philosophy Conference.

Polar Law Symposium: *The Science, Scholarship and Practice of Polar Law: Strengthening Arctic Peoples and Places* was held in September and hosted by UAA's Justice Center, the Institute for Social and Economic Research and Alaska Pacific University, in partnership with the University of Washington School of Law and the Vermont Law School, and in cooperation with the Arctic Law Section of the Alaska Bar Association.

The first Annual **Alaska Native Business Summit: An Innovative Partnership to Consider the Past, Present, and Future of Alaska**



Native Business was held October 14 in partnership with the College of Business and Public Policy, ANSCA Regional Association, Alaska Native Village

Corporation Association, and the State of Alaska. Speakers included Lieutenant Governor Byron Mallott and leaders from several Native Corporations.

UAA hosted the *Alaska Native Studies Council's 2016 Conference* on April 15-16. This year's theme was *Wellness & Healing: Indigenous Innovations & Alaska Native Research*. The conference highlighted Alaska Native and indigenous success stories and share how to incorporate healthy approaches into Alaskans' daily lives.

Internationally recognized keynote speakers included Michael Yellow Bird, a professor at North Dakota State University, and Shawn Wilson from Southern Cross University in Australia. Bird's work has focused on the healing value of traditional Native American ceremonies which promoted mindfulness. Wilson is an Opaskwayak Cree from Manitoba, Canada who coordinates a Doctor of Indigenous Philosophies program at Southern Cross University.

The Relate North 2015 Culture, Community and Communication Symposium and Exhibition, held in November, was a collaboration



with the Thematic Network on Arctic Sustainable Arts and Design (ASAD) at the University of the Arctic, UAA, the University of Lapland, and the Kimura Gallery. The event explored the role art can play in representing a northern sense of culture, community and identity, how art can stimulate debate about

indigenous issues, and what role art can play in communicating and chronicling challenges and issues facing places and people in the north. Organizers from UAA for the symposium included HERMINIA DIN, professor of art education, SEAN LICKA, professor of art history, STEVE GODFREY, Department of Art chair, and MARIA WILLIAMS, director of Alaska Native Studies.

Urban & Rural in Alaska: Community Engagement at UAA, was held November 6. This annual conference brings together community members, faculty, and students to network and discuss community issues. Anchorage First Lady, Mara Kimmel presented the keynote speech: "Working Together as a Community: Creating Our Collective Impact." Also included were a Faculty Rapid Fire session in which 26 faculty talked about community partnerships; break-out sessions with faculty, students, and their community partners presenting their projects; and, the workshop "Dialogues for Public Life."

The Positive Leadership for Active Alaskan Youth (PLAAY) Summit



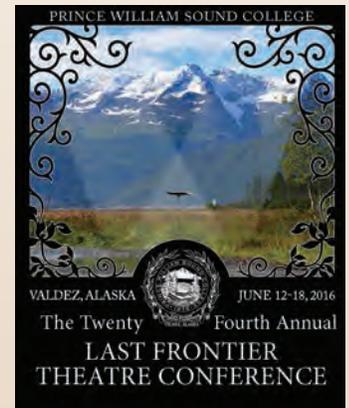
presented by the College of Health's Department of Health, Physical Education & Recreation in cooperation with the

Alaska Sports Hall of Fame and other partners at the Alaska Native Tribal Health Consortium in Anchorage in February. Teachers, parents, nurses, coaches, administrators and other youth leaders addressed adolescent development, with emphasis on the importance of physical activity as a means to improve teenage health.



The ***15th Annual Kachemak Bay Writers' Conference*** featured the 2012-14 United States Poet Laureate Natasha Trethewey and 17 nationally recognized authors, editors and agents. In addition to workshops and panel discussions for participants, the public was invited to the keynote by Trethewey and readings by conference faculty. Sponsored by the Kenai Peninsula College's Kachemak Bay Campus, the conference was held June 10-14 in Homer.

Prince William Sound College presented its ***24th Annual Last Frontier Theatre Conference*** in June. Nearly 250 people from around the world attended this week-long event that included classes, readings, and full-scale productions. This year 53 plays were presented in the Play Lab, including 13 scripts by Alaskans, and a



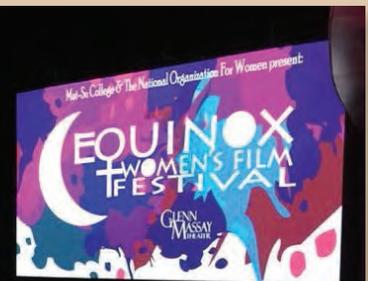
Monologue Workshop where 60-90 second pieces are workshopped with instructors. The annual *Jerry Harper Service Award* was presented to former Prince William Sound College President DOUG DESORCIE for his services to the conference since 1993.



The 6th Annual Mchetanz Arts Festival was held at Mat-Su College on June 3-5. World-renowned sculptor Simon Kogan

presented two day-long workshops, "Sculpting the Truth" and "Sculpting a Portrait: Not the Way They Look, but the Way They Are." Named for Fred and Sara Mchetanz, who were closely associated with the early years of Mat-Su College, the festival and workshops also included ceramics, 3-D printers, raku, fused glass, drawing, painting, and photography.

Mat-Su College, in partnership with the National Organization for Women, presented the Equinox Women's Film Festival in February.

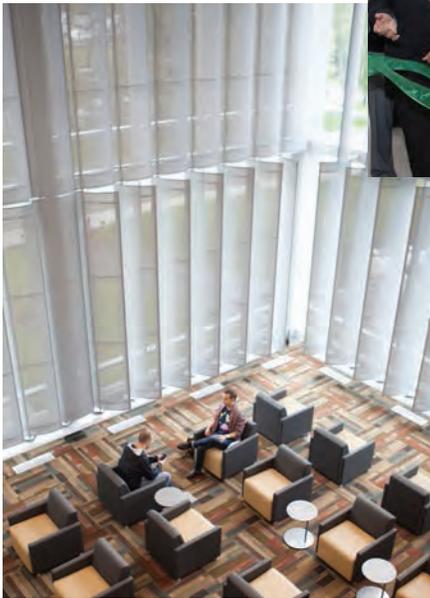




NEW ENGINEERING & INDUSTRY BUILDING

The new 81,500 square foot ENGINEERING & INDUSTRY BUILDING opened last fall for the College of Engineering's more than 1,250 registered students. The new building itself is a classroom, with the inner workings exposed so students can see how the materials and mechanics work. The staircase was designed with a four-story gap so students could drop materials for impact tests. The building has expanded cold rooms for larger arctic research projects, flumes for testing materials, a two-story space, wind tunnels, and Alaska's only strong floor that can accommodate multi-ton project testing. The facility will also benefit in-state companies.

The ribbon-cutting ceremony for the building also celebrated the induction of the building's lead engineer Mike Fierro (B.S. '89 and M.S. '01) and civil engineer and current state representative Sam S. Kito III (B.S. '88) into the new College of Engineering Alumni Hall of Fame on the second floor.



The facility provides 21 state-of-the-art lab, two classrooms enhanced for distance learning, a seminar room with interactive remote communications, study rooms, offices, and a two-story student lounge (pictured left).



BRIDGE ACROSS PROVIDENCE DRIVE DEDICATED TO ANN AND AL PARRISH

The PARRISH BRIDGE linking the new Engineering building to the Health Sciences building across Providence Drive was named in honor of Al and Ann Parrish, who have each played prominent and long-standing roles in the growth of UAA. Ann Parrish, a certified public accountant, earned her bachelor's degree at UAA in 1978 and since then served as the first female president of the University Board of Regents, chaired the UA Foundation Board of Trustees, and is a founder of the Celebrity Chef Invitational, an annual fundraiser for the past 22 years. She also spearheaded the renovation of the Lucy Cuddy Center, including the addition of a working and well-regarded restaurant for training faculty and staff. Al has had a long and distinguished career as a business leader in Alaska, working 36 years in the hotel and tourism industry before joining Providence Hospital as chief executive officer, where he oversaw expansion of facilities and services and forged new collaborations with UAA, especially with the nursing program.



Ann Parrish

KPC CAREER AND TECHNICAL CENTER NAMED 2015 OUTSTANDING PROJECT



Kenai Peninsula College's CAREER AND TECHNICAL CENTER was one of six new projects recognized in *Learning by Design* magazine's Architectural Showcase awards, in the colleges and universities category. Each project is scored on six criteria: innovation, community needs, interiors, sustainability, functional design and judging components. Projects that exemplify

contemporary standards and contain design attributes to be emulated in new space design are recognized as outstanding.

KENAI PENINSULA COLLEGE OPENS NEW 3-D/SCULPTURE STUDIO

KPC's Kenai River Campus celebrated the opening of an expanded art studio in what was formerly a mechanical technology lab in the Ward Building. The 3,200 square-foot studio includes open-air work space with areas dedicated to specific media such as woodworking, welding and fabrication, molding, foundry work, ceramics and plasterwork. It also incorporates the Anna Leah Fosset-Goodrich 3-D Art Studio. One of the first major projects to be completed in the new space is an outdoor sculpture garden for Central Peninsula Hospital by Art Professor CAM CHOY, who describes the project as leading the way for future student service learning projects in the space.

WELLS FARGO SPORTS COMPLEX RENOVATION

The Wells Fargo Sports Complex reopened in September after its first update since its original opening in 1978. With funds from UAA's deferred maintenance budget, the \$10 million renovation added new ventilation and fire safety systems, new energy-efficient LED lighting, built-in wiring for fitness equipment, and a new ice-making plant for the ice rink.

The update created new space for the campus recreation and fitness center and more space for intramural sports. A community



campaign called the Building Futures Fundraising Campaign is underway to furnish the improved hockey center and curate and produce a Seawolf hockey history wall. This renovated space is named The Brush Christiansen Hockey Center, in recognition of the first coach and founding father of Seawolf hockey.

PHILANTHROPY AT UAA

Generous alumni and friends gave \$7.4 million in charitable contributions to support UAA. Seventeen new scholarship and program funds were established this year. Here are a few donor highlights. Thank you to all our donors!

UAA PHONATHON

The UAA Phonathon completed its 12th year, raising \$127,000 from generous alumni. The calling program provides opportunities for current students to engage alumni and chat about their experiences at UAA. The Phonathon callers have raised more than \$1.2 million since the inception of this program.

PROVIDENCE VALDEZ MEDICAL CENTER PARTNERSHIP

Providence Valdez Medical Center contributed \$70,000 to healthcare related learning programs and careers in the Valdez area. The gift recognizes its partnership with Prince William Sound College, which serves as a branch campus for UAA's Associate of Applied Science Nursing Program. Students gain clinical experience at Providence in Valdez, and many obtain high-demand nursing positions at the hospital after they graduate.



CONOCOPHILLIPS GEOSCIENCE LAB

ConocoPhillips gave \$150,000 to establish the ConocoPhillips Geoscience Computing Laboratory, which will give geology students the best possible technological training for careers they seek in Alaska's petroleum industry.



DEAN AND ANA WEIDNER fulfilled their \$3 million pledge to the Weidner Property Management and Real Estate Professorship in the College of Business and Public Policy.

BP SPONSORS SUMMER ENGINEERING ACADEMIES

BP continued its ongoing support of the Summer Engineering Academies with a gift of \$90,000. BP is the sole sponsor of this dynamic program. The series of weeklong, hands-on instructional sessions—including robotics, alternative energy, wing aerodynamics, structure destruction, and creative coding—encourages STEM interests for students entering grades 5 through 12. UAA faculty develop the sessions to introduce students to programs in UAA's College of Engineering, including civil, electrical, and mechanical engineering, geomatics, and computer science.



CATHY AND PATRICK GRAHAM established the Cathy M. Graham Excellence in Aviation Scholarship, which awarded a total of \$17,000 to five recipients this year.



JUSTICE CENTER CELEBRATES 40 YEARS

In 2015 the UAA Justice Center marked 40 years of leadership in civil and criminal justice education in Alaska. Established by the Alaska State Legislature in 1975, the Justice Center has contributed to studies ranging from revision of the Alaska Criminal Code to the development of the master plan for corrections. More recent studies and Alaska Justice Forum articles have focused on issues such as violence against women, policing, substance abuse, corrections, and homelessness in Alaska.

HEALTHY AND SUSTAINABLE CAMPUS



On November 19, 2015, all UAA campuses officially became **Smoke and Tobacco-Free**, prohibiting the use of all tobacco and tobacco-related products, within all university property, buildings, and vehicles.

Seawolf Dining went **Styrofoam Free** last fall. In addition to using biodegradable to-go containers, they are offering reusable coffee mug discounts at all coffee locations.

MILITARY FRIENDLY SEVEN YEARS IN A ROW

Victory Media again named UAA a *Military Friendly School* in 2015. The designation is for the top 15 percent of colleges, universities, and trade schools in the United States that are doing the most to embrace military students and ensure their success in the classroom and after graduation. UAA's Military and Veteran Student Resource Center coordinates a variety of services for the 2,429 active-duty servicemen and women, veterans and their dependents who attended UAA in 2015.



UAA ATHLETICS HONORED



The sports information office received the *Grant Burger Media Award* from the American Volleyball Coaches Association in recognition of its work promoting the Seawolf volleyball program last year. Assistant Athletic Director for Media Relations NATE

SAGAN was the primary media contact for the volleyball team in 2015, and was assisted by Associate Media Relations Director DALLAS BALDWIN, CHRIS LAWRENCE, a student assistant, and SAM WASSON, photographer.

SAFETY AT UAA

UAA celebrated *Safety Awareness Week* in September with a series of workshops, fairs and other events including sessions on consent, strategies for staying safe when walking alone, and self-defense classes.



In October, showings of the active shooter awareness DVD, *Shots Fired* were presented and included discussions facilitated by Ron Swartz, former chief of University Police, now with Environmental Health & Safety/Risk Management.

This past spring, UAA partnered with the YWCA to host the self-defense course, *Senshido* five times throughout the semester. Senshido emphasizes gross motor skills and quick reactions, teaching women how to leverage male aggressor expectations of submission into powerful and brutally effective actions.



UAA participated in a *Statewide Terrorism Exercise* in April. Responders from multiple agencies joined the University Police and many other UAA departments in simulating a terrorist active shooter in Beatrice McDonald Hall. The exercise helped test the university's readiness plans and training, as well as plans of the assisting agencies. During the exercise, five different buildings on campus saw some involvement as a component of the response to a mock shooting. The Anchorage Police, Anchorage Fire, FBI, public health, Red Cross, National Crisis Response Canines and Salvation Army were part of the exercise.

The UAA Justice Center released *Sexual Misconduct and Sexual Assault Against University of Alaska Students*, a fact sheet on the incidence of sexual assault and misconduct among UA Students. The study provides essential baseline estimates that will help evaluate and bolster Title IX and other student support programming. The study will also help build capacity to prevent sexual assault and misconduct on UA campuses.

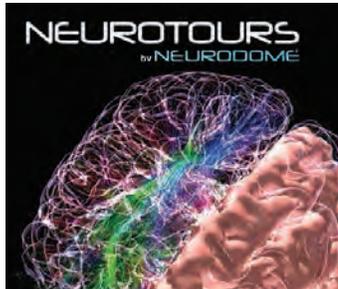


NEW SCULPTURE AT THE AUTOMOTIVE TECHNOLOGY BUILDING

Archibald, a metal sculpture, was constructed by BONNIE NYGARD, interim dean of the Community and Technology College, during a summer welding class taught by CINDY SHAKE. In addition to the weekend classes where students learned Mig welding, and basic construction and design of metal art, Nygard put in extra time during the week. Made with parts no longer needed in the automotive division, Archibald now stands next to the automotive technology building.



NEURODOME PREMIERE



“Neurotours,” an immersive journey inside the human brain, premiered at the Planetarium in March. In the live show, neuroimaging technology using real brain images provides an unprecedented view of the inner workings of the human

brain. Shows are followed by a presentation by one of UAA’s expert scientists and a question and answer session.



DIVERSITY AT UAA

DIVERSITY SUMMIT

UAA held a Diversity Summit on February 12 as part of the development of a Diversity Action Plan, initiated by Chancellor TOM CASE and Associate Vice Chancellor for Alaska Natives and Diversity JEANE BREINIG. Serving as chairs for the plan are Director of the Multicultural Center ANDRE THORN, Director of the Alaska Native Studies Program MARIA WILLIAMS, and Psychology Professor ROBERT BOECKMANN. The summit will begin conversations to identify the work that is being accomplished and what still needs to be done to improve UAA’s diversity and inclusiveness.

VISITING ELDERS PROGRAM

Kenai Peninsula College started a Visiting Native Elders Program in spring 2016. The program utilizes an apartment in the residence hall as a Native Gathering Center where Native students are able to socialize, cook meals and spend time with Native Elders. Elders are recruited by Rural and Alaska Native Student Services Coordinator SONDRA SHAGINOFF-STUART, and come from across Alaska as well as the local area.



Helen Dick and
Sondra Shaginoff-Stuart

NATIVE STUDENT SERVICES office was honored for its innovative use of ePortfolios by Digication™, a leading provider of ePortfolios. Under the leadership of Director WILLIE TEMPLETON, Native Student Services received an *Innovation Award* for the insightful use of ePortfolios to explore native cultural identities. In addition, SHEILA RANDAZZO, transition advisor, and CHERYL TURNER, office manager, were recognized with individual *Leadership Awards* for their role in launching the program which is guided by key indigenous beliefs about learning.



Sheila Randazzo, Willie Templeton, and Carol Turner

Jeffrey Yan, co-founder and CEO of Digication, said, “We are humbled by the power of the students’ stories captured in their ePortfolios. We wanted to honor the program and the staff that have brought this important work to life... We believe their commitment to this project will have far reaching positive influences on other Native students service programs.”

DENA’INA CLOTH CEREMONY

A Dena’ina Cloth Ceremony was organized at Kenai Peninsula College (KPC) in October as part of a response to losses in home communities of KPC students. More than 90 people, including students, faculty and staff from KPC and the local community, participated in this traditional cultural healing service. A small group of distinguished Alaska Native Elders conducted the ceremony where guests gathered in a large circle, each holding on to the same cloth. At the end of the ceremony participants tore the cloth apart and each person took a small piece with them.

ART INSTALLATION AT MAT-SU COLLEGE COMMEMORATES WILDFIRES

Installed outside the Glenn Massay Theater *Resurrection Koru* by Alaska artist Stephen Lawrie is an interactive work of art in the shape of a fiddlehead, or Koru, commemorating the cycle of wildfires. Entering the installation, the colors mimic a burning fire. Next are standing blackened burnt trees surrounded by the fuschia-colored fireweed followed by new trees. Lawrie was born in New Zealand and has lived in Alaska for the last 42 years.



PERFORMANCE STATUS

This section describes how UAA performed during the 2015-16 fiscal year (FY16) on a number of performance and accreditation measures identified as priorities within UAA's five core themes.

Student Success	Status	Change
Total Awards	2,553	-0.3%
High Demand Job Awards	1,777	-1.3%
Baccalaureate Retention Rate	70.8%	-0.8 pts
Baccalaureate Graduation Rate	24.9%	-1.8 pts

Teaching & Learning	Status	Change
Student Credit Hours	345,008	-3.7%
eLearning Credit Hours	84,828	+5.9%
Program Outcomes Assessment	99%	+4.0 pts

Research & Creative Activity	Status	Change
Research Expenditures	\$15.2 M	+18.9%
Total Grant Awards	\$40.7 M	+7.1%

UAA Community	Status	Change
University-Generated Revenue	\$176.9 M	+3.0%
Diversity-Students	28%	-1.8 pts
Diversity-Faculty & Staff	17%	+1.5 pts
Safety - Crimes	6	-50.0%
Safety - Injuries	6	-53.8%

Community Engagement

- UAA is classified as an “Engaged University” by the Carnegie Foundation.
- UAA was featured on the President’s Community Service Honor Roll.

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 and IR SharePoint site 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 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 and certificates did UAA award in 2016?

PERFORMANCE SUMMARY:

Students earned 2,553 degrees, certificates and occupational endorsements in AY16, just eight fewer than AY15. The number of baccalaureate awards increased 7.6% and set a new record high at 1,177 awards. The largest decline occurred in the number of occupational endorsement certificates, down 21 awards (-15.9%). The number of master's degrees awarded dropped to 251, the lowest level in 10 years.

UAA AWARDS TREND

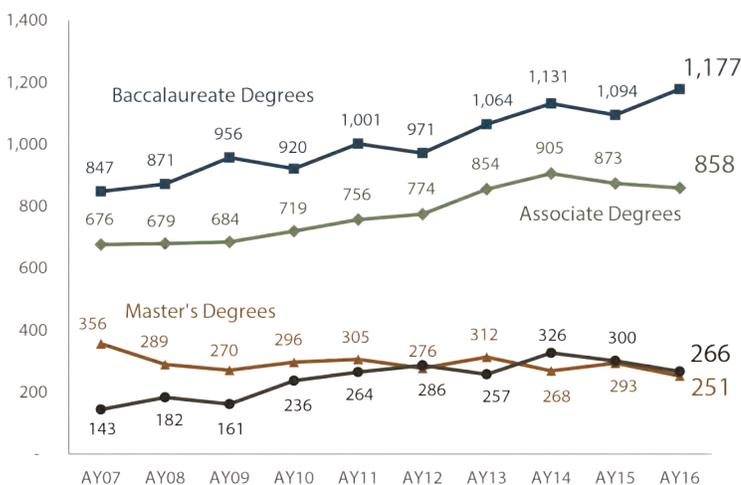


2,553 Total Awards

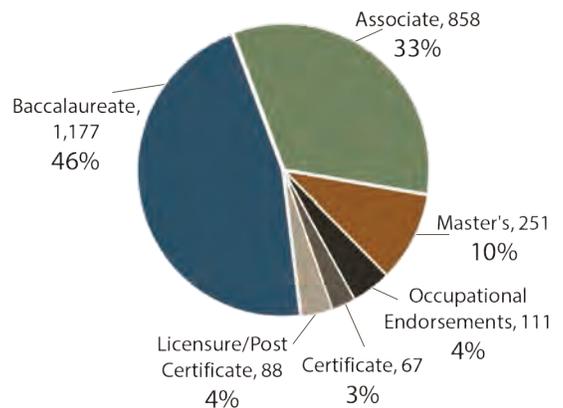
Traditional awards (associate, baccalaureate, and master's degrees) contributed 90% of all awards.

- The General Program Associate of Arts degree produced 271 awards from all campuses, the most awards from a single program.
- Nursing programs produced 249 awards (118 Bachelor of Science, 113 Associate of Applied Science and 18 Master of Science).
- Other top producing programs included Psychology (79), Accounting (77), Management (72) and Process Technology (67).
- Combined, these programs produced 32 percent of all awards.

TREND BY AWARD TYPE



DISTRIBUTION BY AWARD TYPE



One doctorate in clinical-community psychology was awarded in AY16.

MEASURE DEFINITION: The total number of occupational endorsement certificates, undergraduate, post-baccalaureate, graduate and post-graduate certificates, associate degrees, baccalaureate degrees, master's degrees, and doctoral degrees conferred during the academic year (includes degrees awarded in Fall 2015, Spring 2016, and Summer 2016).

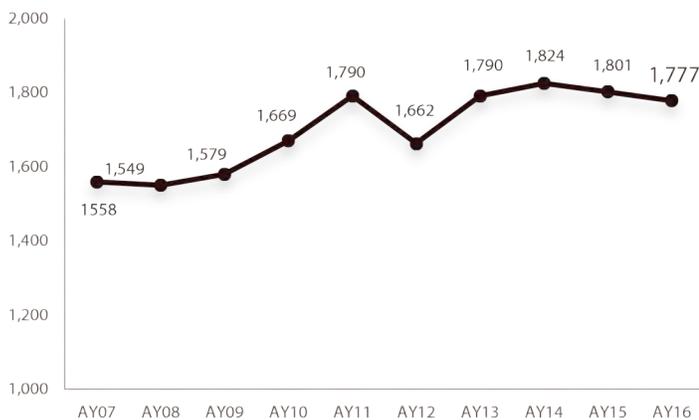
High Demand Job Area Awards

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

PERFORMANCE SUMMARY:

High Demand Job Area programs produced 1,777 awards in AY16, down slightly (-1.3%) from last year's 1,801 awards. High Demand Job Area programs continue to produce 70 percent of all certificates and awards conferred at UAA. Three program areas produced 72 percent of all high demand job area certificates and awards: Health (40%), Business/Management/Finance (22%), and Teacher Education (10%). These three programs also account for 50% of all certificates and degrees awarded at UAA.

HIGH DEMAND JOB AREA AWARDS TREND



1,777 Awards

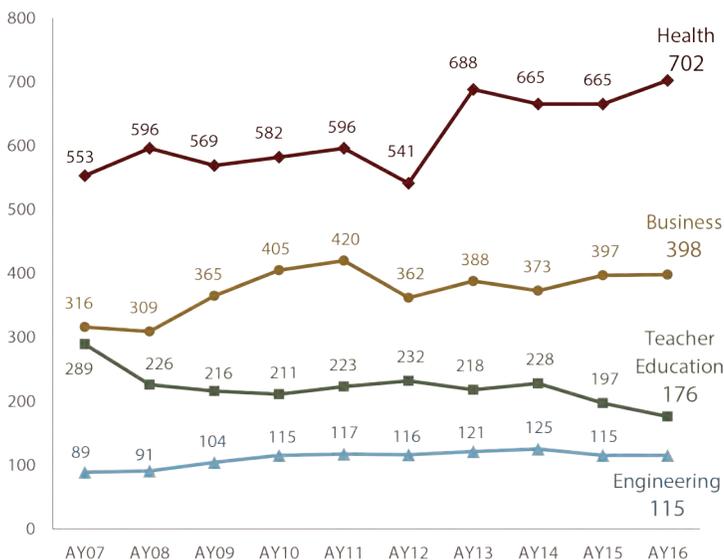
Ten High Demand Job Areas are recognized by the University of Alaska as defined by the State of Alaska Department of Labor and Workforce Development.

AY16 award totals by High Demand Job Area in descending order:

CONTRIBUTORS

- 702 Health**
Up 6% from last year (+37 awards)
- 398 Business, Finance, & Management**
Up one award from last year.
- 176 Teacher Education**
Down 11% (-21 awards)
- 115 Engineering**
No change from last year.
- 110 Process Technology**
Down 11% (-14 awards)
- 103 Natural Resources**
Up 2% (+2 awards)
- 101 Transportation**
Down 14% (-16 awards)
- 48 Information Technology**
Down 16% (-9 awards)
- 24 Construction**
Down 8% (-2 awards)

AWARDS TRENDS BY MAJOR HIGH DEMAND JOB AREAS



MEASURE DEFINITION: The number of certificates and degrees awarded during an academic year that support Alaska's high demand job areas as defined by the State of Alaska Department of Labor and Workforce Development. The list is maintained by the University of Alaska Statewide Academic Council.

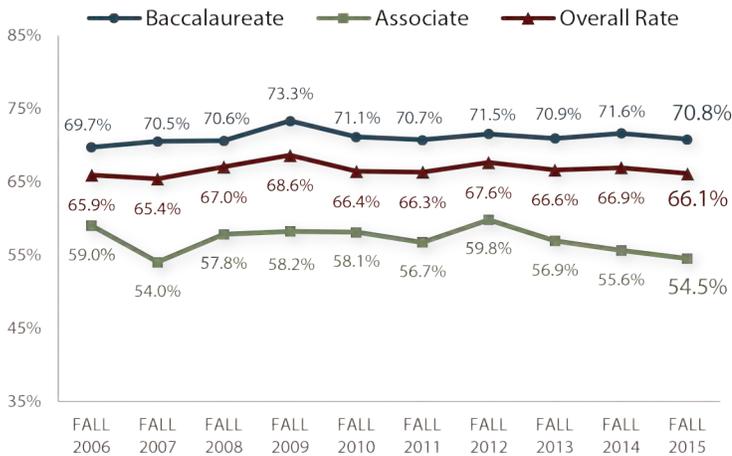
Retention Rate

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

PERFORMANCE SUMMARY:

UAA tracks the overall retention rate of all incoming first-time, full-time, degree-seeking freshmen, the population identified nationally for this measure. Of the 1,388 first-time, full-time freshmen entering UAA in fall 2014, 917 returned in fall 2015, producing a 66.1 percent overall retention rate, a slight decrease from the previous year. This rate is higher than the 60.5% reported by the National Center for Education Statistics (NCES) for 4-Year, Public Institutions with open admission for 2013 (the most recent year available). UAA also follows sub-cohorts, including baccalaureate degree-seeking, associate degree-seeking, and student populations of interest, including those enrolled in developmental education classes (underprepared) and Alaska Native students. Below is a breakdown of UAA's sub-cohort rates.

RETENTION RATE TREND BY AWARD TYPE



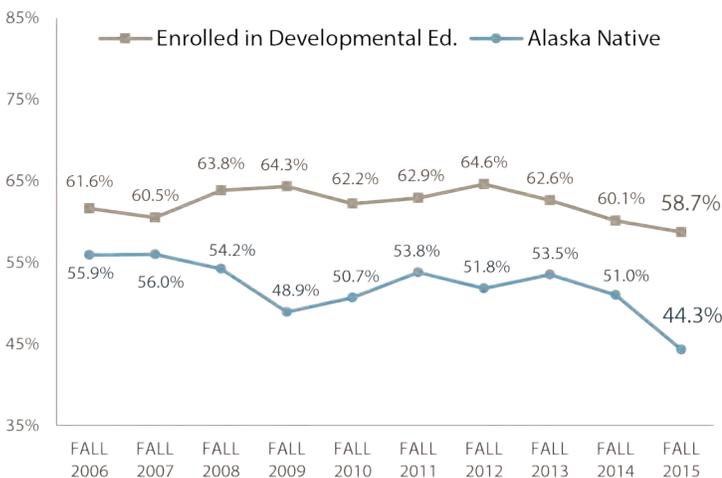
70.8%

Baccalaureate Degree-Seeking students account for 72% of the full-time, first-time freshman cohort (998 students) and consistently record the highest retention rate among all sub-cohorts.

54.5%

Associate Degree-Seeking students make up 27% of the entering freshman cohort (369 students). The majority of these associate or 2-year degree-seeking students (70%) enrolled in a developmental education class. UAA's 54.5% rate is slightly lower than the 59.3% reported by NCES for 2-Year Public Institutions.

RETENTION RATE TREND BY SUB-COHORTS



58.7%

Students Enrolled in Developmental Education account for 57% (786 students) of the entire first-time, full-time freshmen entering cohort and 50% (461) of those who returned. The retention rate for those in developmental education who are seeking a 4-year degree is 64.1% compared to 49.4% for those seeking a 2-year degree.

44.3%

Alaska Native students make up 12% of the entering first-time, full-time freshman cohort (167 students) and 8% of the returning freshmen (74). The retention rate for Alaska Native students seeking a baccalaureate degree is 49.2% compared to the associate degree rate of 35.6%.

NOTE: Alaska Native is defined as students who identify as Alaska Native only or who list Alaska Native when identifying as non-Hispanic multirace.

MEASURE DEFINITION: The proportion of first-time, full-time undergraduate certificate- and degree-seeking students enrolled in a given fall semester that re-enrolled in an undergraduate program within UAA the following fall semester. The fall 2015 rate measures students who entered in fall 2014 and returned—or not—in fall 2015.

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's 6-year completion rate in 2016 fell to 24.9 percent, a tie for the second lowest rate in 10 years. The 3-year completion rate also fell back after surging in 2015. The trends for this traditional graduation rate are troubling. However, it is important to note that they reflect the success of a very limited portion of UAA students—10 percent of all entering students and 22 percent of all students who earned a baccalaureate degree in 2016. Below are trends for the traditional measures, including identified sub-cohorts, and information about the 2016 graduating class.

GRADUATION RATE TRENDS



24.9%

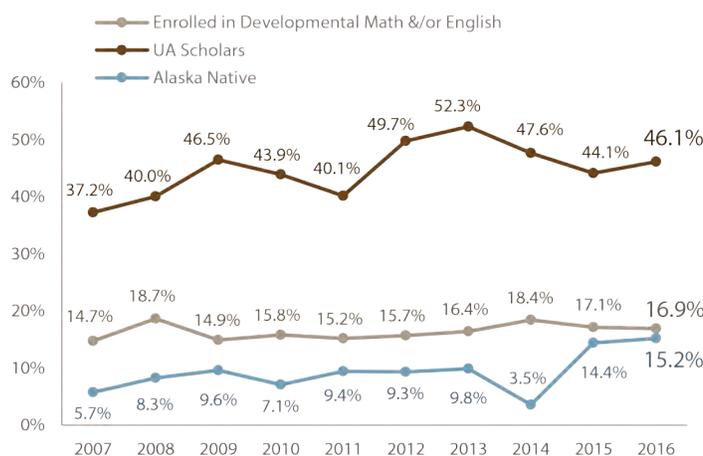
Baccalaureate Degree-Seeking rate for first-time, full-time freshmen who entered UAA in fall 2010.

12.2%

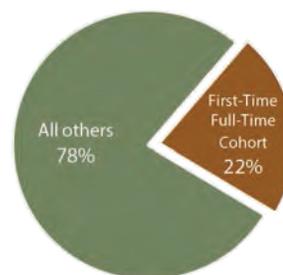
Associate & Certificate Degree Seeking rate for first-time, full-time freshmen who entered UAA in fall 2013.

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

6-YEAR GRADUATION RATE TRENDS BY SUB-COHORTS



How many 2016 baccalaureate degree recipients fit this measure?



78%

did not meet the requirements for the traditional entry cohort.

How many semesters did it take to earn their degree?

72% completed their degree in 12 semesters (six academic years) or less (may be non-consecutive semesters)

68% stopped out at least one semester before earning their degree.

These three sub-cohorts comprise 75% of all entering first-time, full-time baccalaureate degree-seeking students and 70% of those who graduated.

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 2016 rate measures the cohort who entered UAA in fall 2010 and completed their baccalaureate degree by August 2016 and those who entered in fall 2013 and earned their associate degree by August 2016.

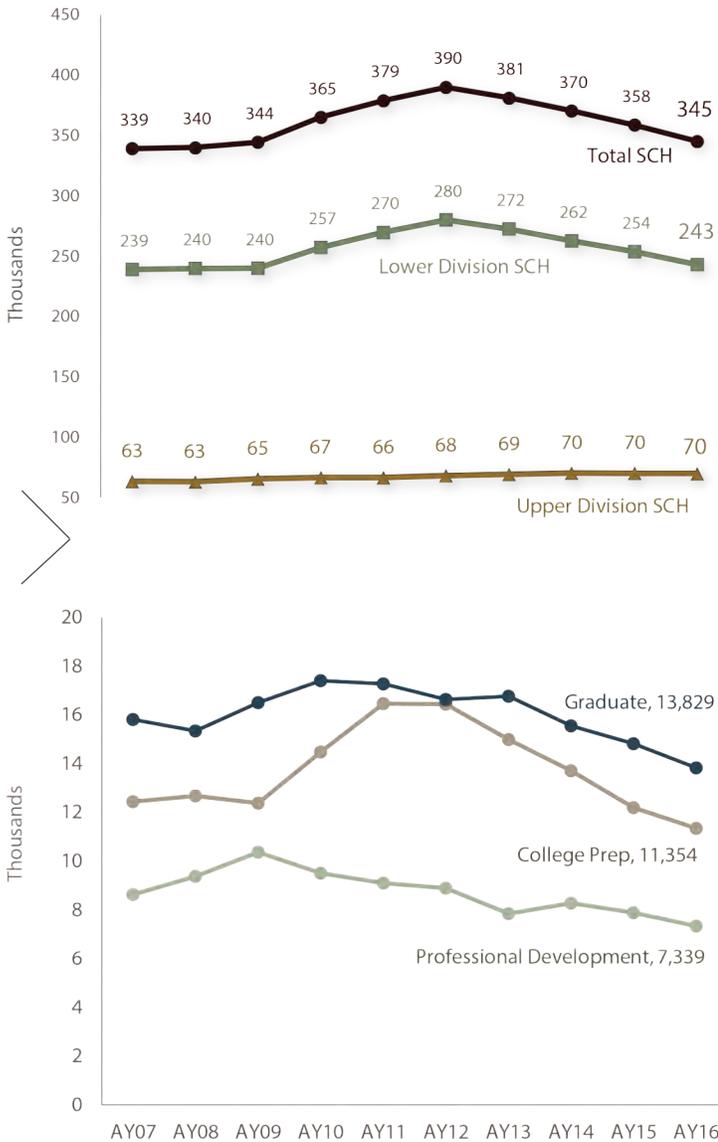
Student Credit Hours

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

PERFORMANCE SUMMARY:

UAA produced 345,008 student credit hours in AY16, a 3.7 percent drop from AY15, continuing a trend after the peak year in AY12. Declines in the population of incoming freshmen have contributed to the decreases. This trend is not expected to change for several more years. Four units showed increases in credit hour production: the College of Business and Public Policy, College of Engineering, Honors College, and Mat-Su College.

STUDENT CREDIT HOURS TREND



345,008 Total Student Credit Hours

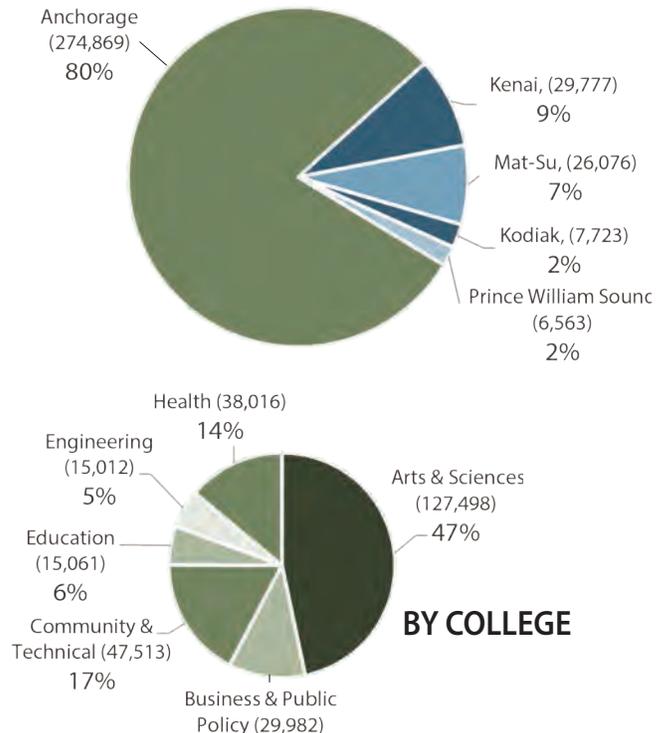
242,674 Lower Division (100-299 Level)

Lower division courses comprised 70% of all student credit hour production and accounted for 81% of the decline in overall student credit hour production from AY15 to AY16.

69,812 Upper Division (300-499 Level)

Upper division courses contributed 20% of total credit hour production. The credit hours in this level declined by only 112 SCH (-0.2%), the smallest decline of any level.

STUDENT CREDIT HOURS BY CAMPUS



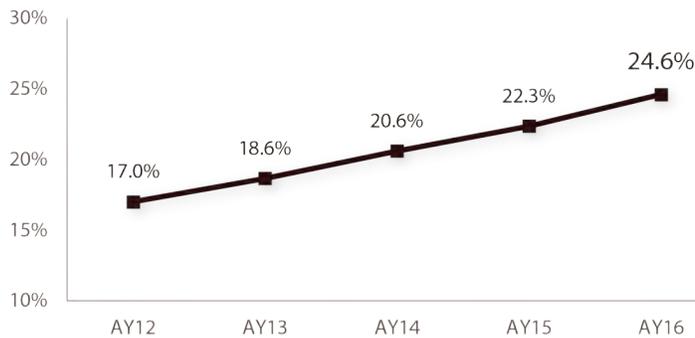
MEASURE DEFINITION: The number of Student Credit Hours attempted, all levels, including audits. Measured annually. AY16 includes Summer 2015, Fall 2015 and Spring 2016.

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

PERFORMANCE SUMMARY:

UAA produced 84,828 student credit hours (SCH) via courses that were 0% to 50% location-based, contributing 24.6 percent to the total student credit hours delivered on all UAA campuses. While total student credit hour production declined 3.7 percent from AY15, eLearning credit hours increased 5.9 percent (+4,725).

eLEARNING TREND AS A PERCENT OF TOTAL STUDENT CREDIT HOURS



84,828

eLearning Student Credit Hours

Up 5.9% from 80,103 credit hours in AY15.

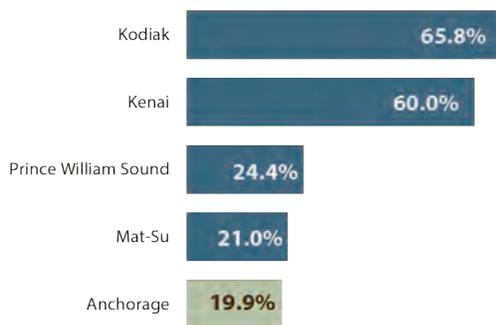
72.4%

of all eLearning courses was in lower division (100-299) courses.

64.6%

of all eLearning credit hours was delivered by the Anchorage campus, up from 61.7% in AY15.

eLEARNING AS A PERCENT OF TOTAL CREDIT HOURS BY CAMPUS

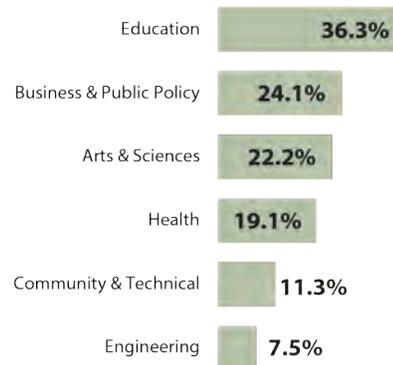


11.2% increase in eLearning at **Mat-Su College** (+554 SCH) from AY15.

10.9% increase in eLearning at **Anchorage** (+5,378 SCH) from AY15.

1.7% increase in eLearning at **Kodiak College** (+85 SCH) from AY15.

eLEARNING AS A PERCENT OF TOTAL CREDIT HOURS BY COLLEGE



29.9% increase in eLearning by the **College of Business & Public Policy** (+1,659 SCH) from AY15.

17.4% increase in eLearning by the **College of Arts & Sciences** (+4,195 SCH) from AY15.

NOTE: Increases in these two colleges offset small declines in other colleges.

Academic Program 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 actions faculty have taken to improve programs. In this process, all active programs complete an online survey, which collects summary assessment data and provides evidence of ongoing assessment activity. As of July 2016, 99 percent of the surveys have been completed, up from 95 percent last year.

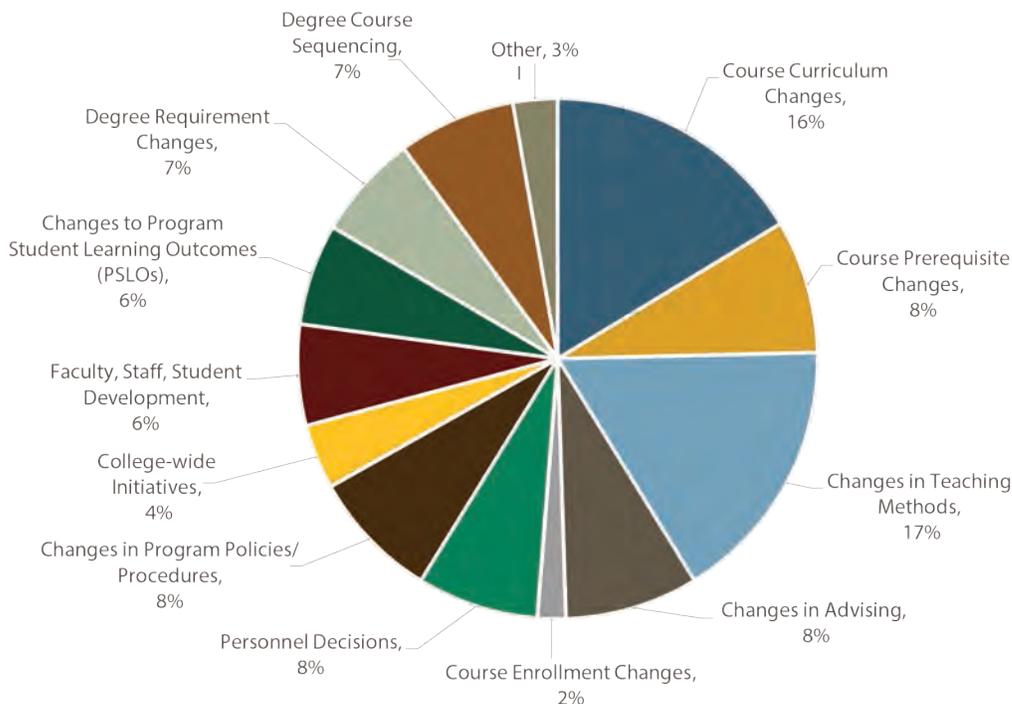
SURVEY DATA INDICATE A HIGH LEVEL OF STUDENT LEARNING AT UAA

Students met or exceeded **94%** of measured learning outcomes.

FACULTY USING DATA TO IMPROVE PROGRAMS

80% 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 chair, the Academic Assessment Committee and the Office of Academic Affairs.

Grant-Funded Research Expenditures

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

PERFORMANCE SUMMARY:

Grant-funded research expenditures meeting the National Center for Higher Education Management Systems (NCHEMS) definition of research totaled \$15.2 million in FY16, setting a new record high for UAA. The \$2.4 million increase over FY15 is largely due to increased activity with the Arctic Domain Awareness Center, a Department of Homeland Security Center for Excellence at UAA that was established in FY14.

GRANT-FUNDED RESEARCH EXPENDITURES TREND



\$15.2 million

Up 18.9% from FY15.

CONTRIBUTORS

\$5.8 million

College of Arts & Sciences

Up 9.6%, due partly to an increase in funds for the Kachemak Bay Reserve Research project.

\$3.0 million

Provost Operations

Up \$1.8 million primarily in the Office of Research and Graduate Studies and the Business Enterprise Institute.

\$2.4 million

College of Health

Up 7.9%, mostly from increased activity in Alaska INBRE (IDeA Network of Biomedical Research Excellence).

\$2.3 million

College of Business & Public Policy

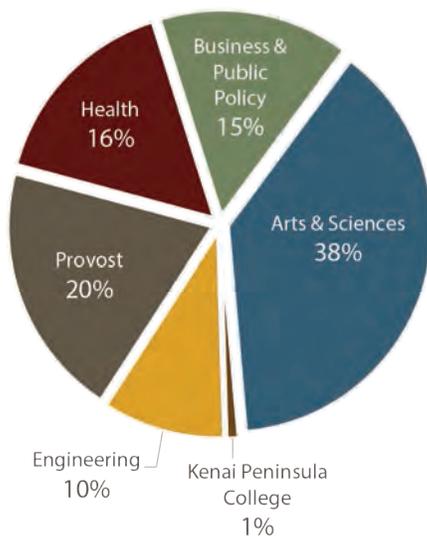
Down 25.9%, from decreased activity in two ISER programs: the Center for Behavioral Health Research & Services and the Center for Alaska Education Policy Research.

\$1.5 million

College of Engineering

Up 82.1%, mostly in Civil Engineering.

CONTRIBUTORS



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 \$40.7 million in all NCHEMS categories, including Research, Instruction, Public Service, Student Services, Academic Support, Scholarship/Fellowship and Institutional Support. The total for FY16 represents an 7.1 percent increase from FY15 fueled by a \$3.2 million increase in awards in Research. An additional \$1.7 million growth occurred largely in the Academic Support (\$829,000) and Institutional Support (\$257,000) categories. A \$3.7 million jump in funding from private sources offset a decline in state funding. Private funding accounted for one-third of all grant awards in FY16, up from 26 percent in FY15.

TOTAL GRANT AWARDS TREND



\$40.7 million

Up 7.1% from FY15.

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

38% Research

\$15.4 million, up from \$12.2 million in FY15.

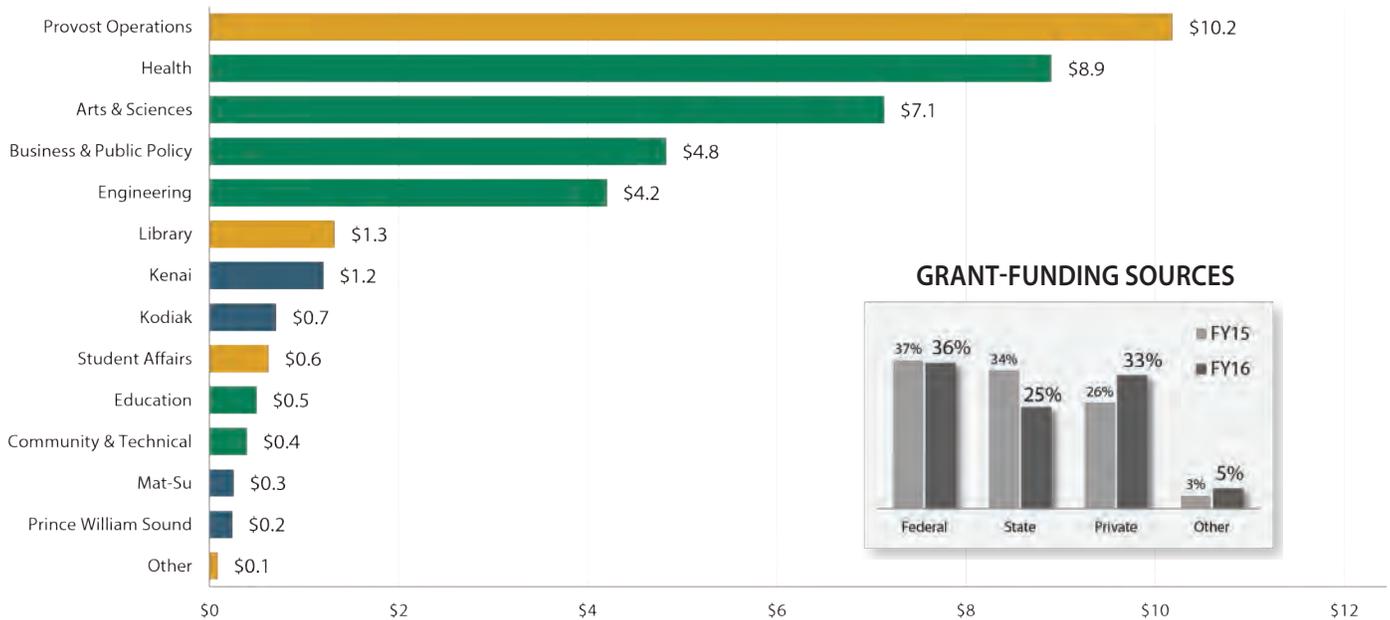
27% Public Service

\$11.2 million, down from \$12.3 million in FY15.

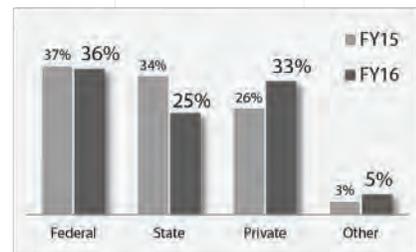
22% Instruction

\$8.8 million, down from \$9.0 million in FY15.

GRANT AWARDS BY UNIT, FY16 IN MILLIONS



GRANT-FUNDING SOURCES



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, Scholarship/Fellowship and Student Services.

University-Generated Revenue

How much money does UAA bring in to support its teaching, research, creative activity, engagement and service mission?

PERFORMANCE SUMMARY:

UAA generated \$176.9 million in non-general fund receipts in FY16, \$5.1 million more than FY15. Federal restricted receipts remained stable, while restricted revenues from the State of Alaska declined 14 percent, largely in funding for ANSEP. Tuition and Fees generated 49 percent of all university-generated revenue and were up \$4.2 million from FY15, primarily due to a 5 percent tuition rate increase and fee increases for eLearning and facilities.

UNIVERSITY-GENERATED REVENUE TREND



\$176.9 million

Up 3.0% from FY15.

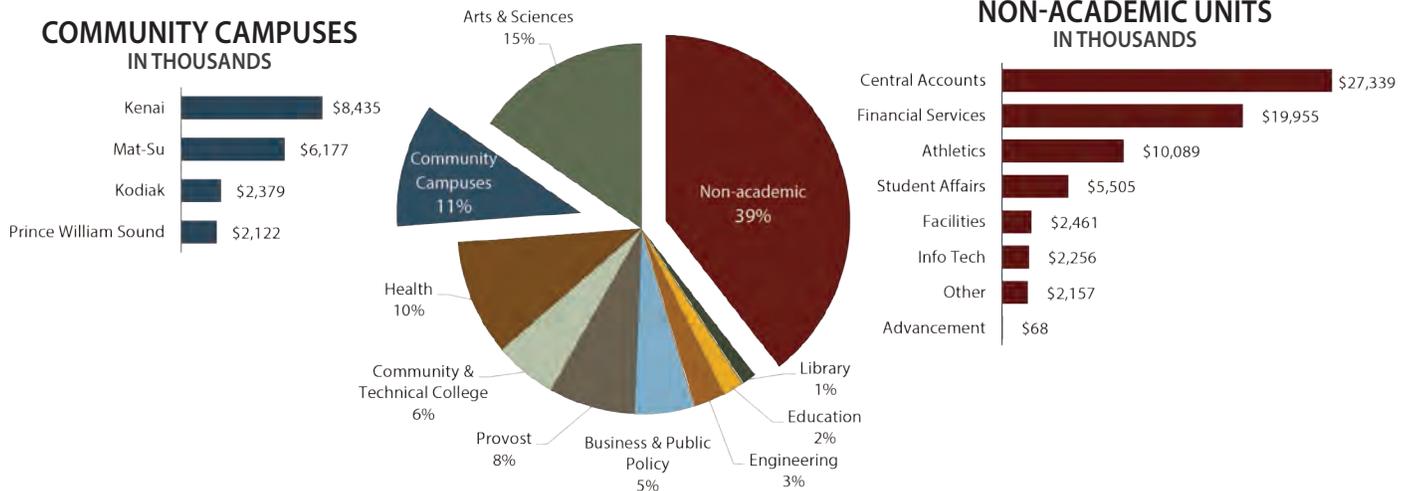
\$86.8 million

Tuition and Fees were up 5.1% from FY15.

\$29.5 million

Federal Receipts were down only \$19,000, a half of a percent decline from FY15.

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.

Diversity at UAA

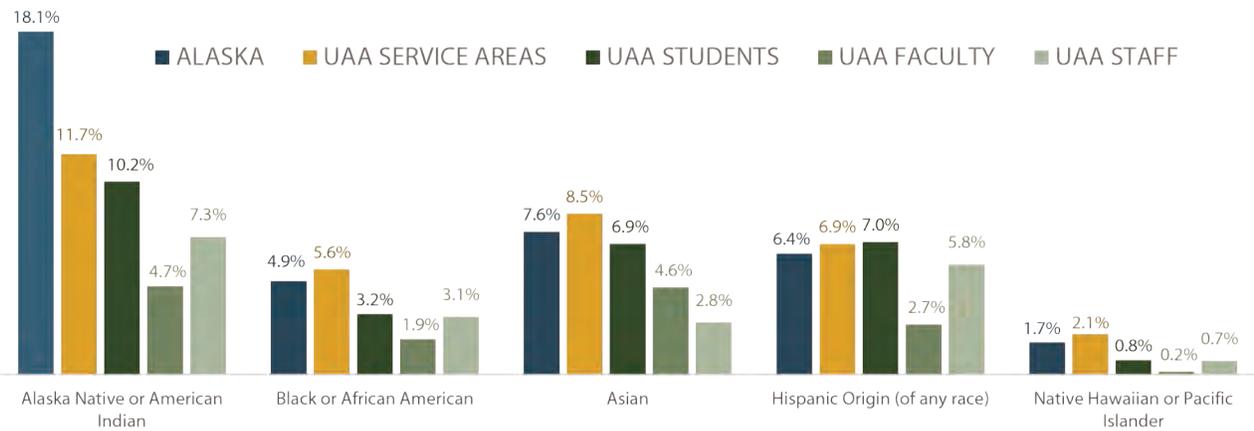
To what degree do UAA students, faculty, and staff reflect Alaska's racial and ethnic diversity?

SUMMARY:

Alaska's minority population has grown faster than the total Alaska population—up 11.9 percent compared 4.1 percent in overall from 2010 to 2015. Combined, minorities represented 38.8 percent of the total Alaska population in 2015 and 34.8 percent in the UAA Service Areas.

While the total UAA student population in fall 2015 declined 11.9 percent, the minority population fell only 6.6 percent. The largest declines were among American Indian/Alaska Native students and Asian students. The number of faculty and staff positions increased by only 10 positions from fall 2010 to fall 2015. However the number of minorities in faculty and staff positions increased by 9.3 percent. Minorities now represent 17.1 percent of all regular and temporary faculty and staff (14.0% of faculty and 19.7% of staff).

UAA POPULATIONS COMPARED TO UAA SERVICE AREAS & THE STATE OF ALASKA IN 2015



	ALASKA			UAA SERVICE AREAS			UAA STUDENTS			UAA FACULTY			UAA STAFF		
	2010	2015	% Change	2010	2015	% Change	2010	2015	% Change	2010	2015	% Change	2010	2015	% Change
TOTAL POPULATION	763,889	795,372	4.1%	494,820	519,336	5.0%	20,559	18,116	-11.9%	1,301	1,282	-1.5%	1,345	1,374	2.2%
Alaska Native or American Indian	139,724	144,274	3.3%	56,800	60,517	6.5%	2,297	1,849	-19.5%	49	60	22.4%	102	100	-2.0%
Black or African American	34,168	39,305	15.0%	25,734	28,948	12.5%	821	582	-29.1%	18	24	33.3%	50	42	-16.0%
Asian	50,951	60,131	18.0%	37,079	44,131	19.0%	1,526	1,254	-17.8%	49	59	20.4%	37	38	2.7%
Native Hawaiian or Pacific Islander	11,363	13,775	21.2%	9,340	11,101	18.9%	313	138	-55.9%	1	2	100.0%	8	10	25.0%
Hispanic Origin (of any race)	39,249	50,850	29.6%	28,348	35,860	26.5%	1,180	1,272	7.8%	37	34	-8.1%	62	80	29.0%

NOTES:

- UAA service areas include the areas defined by the U.S. Census Bureau: 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.

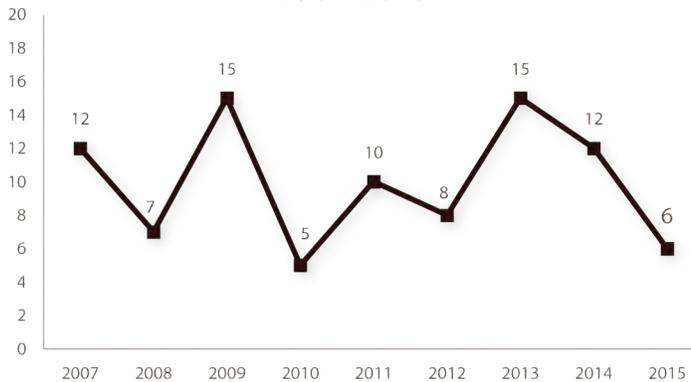
SOURCES: Alaska Department of Labor and Workforce Development, Research and Analysis Section; U.S. Census Bureau.

UAA takes safety seriously.

SUMMARY:

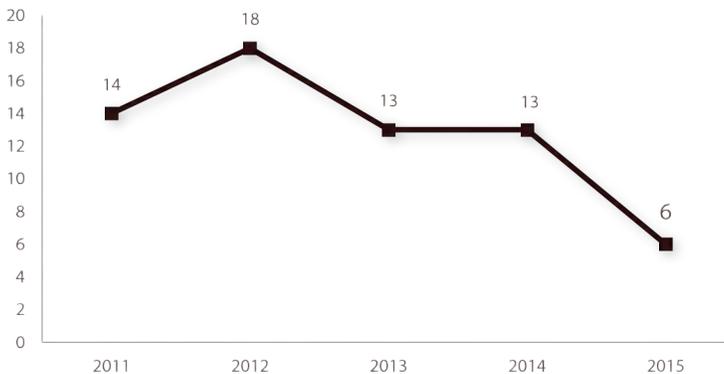
UAA's focus on safety involves multiple units devoted to making the university a safe place to live, work, and learn. These units work year-round providing training, developing new programs, and making improvements in crime prevention and emergency preparedness to protect and promote the physical and personal safety of everyone on all campuses. In 2015, both recordable crimes and injuries dropped by half from 2014.

ON-CAMPUS CRIME TREND 2007-2015



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

ON-CAMPUS INJURIES TREND 2011-2015

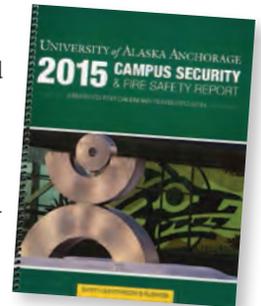


NOTE: OSHA recordable injuries are reported on a calendar year basis.

Less crime on campus

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* compiles crime and arrest statistics and is available online at 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. In 2015, UAA had 2 forcible sex offenses, down from 4, and 2 burglaries, also down from 4 in 2014. There was one aggravated assault and one motor vehicle theft.

Recordable injuries drop

OSHA recordable injuries by employees on the job are tracked annually in compliance with numerous state and federal regulations. These are injuries that are beyond simple first aid or include the administration of prescription medication. This total fell to its lowest level in 2015.

The **Department of Environmental Health & Safety/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.

Building a Culture of Care

The **UAA Care Team**, created in 2009 to promote a safe learning environment, has evolved into a multi-disciplinary team of professionals supported by a full-time Care Team Coordinator with formalized processes to identify and help struggling and distressed students before they harm themselves or others. Annual reports show increased reporting since the program's implementation, reflecting the success of the program. The 2016 Report is available at <https://www.uaa.alaska.edu/students/dean-of-students/reports/index.cshhtml#>.

UAA Fast Facts

UAA TOTAL

STUDENTS

AY 15-16	Student Credit Hours	345,008
	Headcount	26,210
	Full-time Equivalent	11,647
	Awards Granted	2,553
Fall 2015	Headcount	18,116
	Full-time	7,569
	Part-time	10,547

FACULTY & STAFF—FALL 2015

Regular Faculty	648
Adjunct Faculty	626
Staff	1,098

FACILITIES

Square Feet	3,284,205
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FINANCE—FY 2016 (in \$000)

Univ. Generated Revenue	\$176,921.8
Research Focus Expenditure	\$15,218.5
Total Budget Authority	\$318,959.0
GrossTuition	\$71,312.3
TVEP Awards	\$2,374.7

KODIAK COLLEGE

STUDENTS

AY 15-16	Student Credit Hours	7,723
	Headcount	1,501
	Full-time Equivalent	255
	Awards Granted	23
Fall 2015	Headcount	804
	Full-time	53
	Part-time	751

FACULTY & STAFF—FALL 2015

Regular Faculty	13
Adjunct Faculty	24
Staff	28

FACILITIES

Square Feet	44,981
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FINANCE—FY 2016 (in \$000)

Univ. Generated Revenue	\$2,379.2
Research Focus Expenditure	\$0.0
Total Budget Authority	\$6,134.0
GrossTuition	\$1,190.9
TVEP Awards	\$218.1

ANCHORAGE CAMPUS

STUDENTS

AY 15-16	Student Credit Hours	274,869
	Headcount	20,229
	Full-time Equivalent	9,318
	Awards Granted	2,247
Fall 2015	Headcount	14,357
	Full-time	5,929
	Part-time	8,428

FACULTY & STAFF—FALL 2015

Regular Faculty	559
Adjunct Faculty	403
Staff	926

FACILITIES

Square Feet	2,836,598
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FINANCE—FY 2016 (in \$000)

Univ. Generated Revenue	\$157,808.2
Research Focus Expenditure	\$15,078.5
Total Budget Authority	\$276,800.0
GrossTuition	\$59,285.3
TVEP Awards	\$1,679.9

MATANUSKA-SUSITNA COLLEGE

STUDENTS

AY 15-16	Student Credit Hours	26,076
	Headcount	2,898
	Full-time Equivalent	866
	Awards Granted	130
Fall 2015	Headcount	1,899
	Full-time	396
	Part-time	1,503

FACULTY & STAFF—FALL 2015

Regular Faculty	30
Adjunct Faculty	30
Staff	43

FACILITIES

Square Feet	152,145
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FINANCE—FY 2016 (in \$000)

Univ. Generated Revenue	\$6,177.4
Research Focus Expenditure	\$0.0
Total Budget Authority	\$11,525.0
GrossTuition	\$4,988.9
TVEP Awards	\$171.7

KENAI PENINSULA COLLEGE

STUDENTS

AY 15-16	Student Credit Hours	29,777
	Headcount	4,209
	Full-time Equivalent	990
	Awards Granted	125
Fall 2015	Headcount	2,485
	Full-time	328
	Part-time	2,157

FACULTY & STAFF—FALL 2015

Regular Faculty	39
Adjunct Faculty	88
Staff	69

FACILITIES

Square Feet	183,214
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FINANCE—FY 2016 (in \$000)

Univ. Generated Revenue	\$8,434.6
Research Focus Expenditure	\$140.0
Total Budget Authority	\$16,898.0
GrossTuition	\$5,389.6
TVEP Awards	\$142.5

PRINCE WILLIAM SOUND COLLEGE

STUDENTS

AY 15-16	Student Credit Hours	6,563
	Headcount	2,241
	Full-time Equivalent	218
	Awards Granted	28
Fall 2015	Headcount	779
	Full-time	40
	Part-time	739

FACULTY & STAFF—FALL 2015

Regular Faculty	7
Adjunct Faculty	31
Staff	32

FACILITIES

Square Feet	67,267
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FINANCE—FY 2016 (in \$000)

Univ. Generated Revenue	\$2,122.4
Research Focus Expenditure	\$0.0
Total Budget Authority	\$7,602.0
GrossTuition	\$457.6
TVEP Awards	\$162.5

SOURCES AND NOTES:

Students: UA Statewide Institutional Research (IR) Decision Support Database (DSD) data at semester closing. Student Credit Hours include auditors. Awards Granted include: Undergraduate Certificate, Associate, Bachelor, Master, Doctorate, Endorsements, Licensure, Post Graduate, Post Baccalaureate, and Graduate Certificates. Headcount is for credit students only; students who enrolled in multiple campuses have been counted only once in the UAA total

Faculty & Staff: UA Statewide IR DSD data at Fall Freeze. Staff includes full-time & part-time employees but does not include graduate or student assistants.

Facilities: UAA Facilities and Campus Services.

Finance: UAA Office of Budget. Research Focus Expenditure is defined by UA Statewide as Basic Research. TVEP stands for Technical/Vocational Education Program

Carnegie Classification: Masters College and University Large Programs, Public 4-year and above.

UAA PERFORMANCE '16

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