



Chancellor's Report

Chancellor John Pugh

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September 2011 | Meeting



Motor Age Publishes 20th Technical Feature by UAS Faculty Automotive Technology Program Head

Tony Martin's technical feature article on Volkswagen's TDI Diesel Technology is his twentieth published in *Motor Age* since he started writing for the magazine in 2006. The article is the cover story for the September 2011 issue.

Krein Gives Keynote at Summer Conference

Associate Professor of Philosophy and Academic Director of Outdoor Studies Kevin Krein gave a keynote presentation at the "Sport and the Environment: Philosophical Dimensions" conference June 22-25 2011 at St. Francis Xavier University in Antigonish Nova Scotia, Canada. The conference was sponsored by the North American Association for the Philosophy of Sport. Krein attended the International Association for the Philosophy of Sport conference in Rome, Italy in 2010.

Krein's talk, "Nature, Sport and Wilderness Experience" is based on his thesis that the goal of nature sports such as skiing and surfing is not to experience an ecological or spiritual connection with nature but to interact with nature in a specific way dictated by the sport itself. "Wilderness experiences are primarily about experiencing nature, while nature sports are about particular kinds of skillful interaction with features of the natural world," Krein writes. "You're playing a game with the natural world," he said.

UAS Site for Forest Service Lab Underway

A groundbreaking ceremony was held to mark the beginning of construction for the Pacific Northwest Research Station's Juneau Forestry Sciences Laboratory on Thursday, August 25.



UAS alumni and Tlingit elder Marie Olsen (middle), Chancellor John Pugh (right) and Paul Brewster of the US Forest Service Pacific Northwest Research Station, (left) help break ground August 25, 2011 for a new Forestry Sciences Laboratory. Photo by Ryan Cortes.

The building will also host the Alaska Coastal Rainforest Center, of which UAS is a collaborative partner. The facility and parking lot are being constructed on the Auke Lake campus adjacent to the walking path to the Back Loop Road. The two-story, 11,000-square-foot building is projected to cost \$8.3 million. It was designed by MRV Architects of Juneau and will be constructed by Dawson Construction Inc.

Planning for a new Forest Service research laboratory in Juneau began in the early 1980s. It is scheduled for completion in 12-18 months.

"After a thorough evaluation," says Paul Brewster, Assistant Director for the Forest Service's Pacific Northwest Research Station, "a recommendation to build on Forest Service land adjacent to the University of Alaska Southeast campus was selected as the best long-term alternative. While there has been a long history of strong relationships between UAS and the Forest Service, construction of a new lab adjacent to campus can only increase the potential for a highly collaborative environment among Forest Service research scientists and UAS university faculty and students."

The Juneau Lab was previously housed in leased office space for about 15 years. A safety audit of the space identified several health and safety issues as well as poorly functioning laboratory space.

The new building will house scientists from the station; State and Private Forestry, U.S. Forest Service; and staff from the Alaska Coastal Rain Forest Center.

The PNW Research Station is headquartered in Portland, Oregon. It has 11 laboratories and research centers in Alaska, Oregon, and Washington and about 425 employees.

Science News: From Biology and Marine Biology

The 2011 Research Undergraduate Exchange program started June 1st and ended on August 7th. Ten students from all over the USA were mentored by UAS faculty and agency researchers and conducted research in the field and laboratory on subjects as diverse as algae reproduction, bear behavior, salmon populations, bat and otter diets, starry flounder, red king crab and glacier fed streams.

Sherry Tamone, Professor of Biology spent three weeks on the Bering Sea working with NOAA researchers during the bottom trawl survey. She collected samples that will support undergraduate research in her laboratory during the 2011 and 2012 academic year. Dr. Tamone gave a presentation at the 2011 Annual Crustacean Society Meeting held in Honolulu, HI (June 5-8, 2011). Her presentation concerned the importance of considering male snow crab reproductive physiology in the management of this commercial species.

Associate Professor of Biology David Tallmon spoke at the "Bering Sea Crab Science Symposium IV" Aug 24th, 2011 at the Leif Erickson Hotel, Seattle, WA. Dr. Tallmon was also invited to speak at the "Nature and Nurture: Local Adaptation, Life History Diversity, and Salmonid Conservation Symposium" at the 2011 American Fisheries Society Meeting Seattle, WA Sept 4-8, 2011. Dr. Tallmon will teach at an International Course on Genetic Data Analysis "Recent Approaches for Estimation of Population Size, Structure, Gene flow, Landscape Genetics & Selection Detection", Sept 27-30, 2011 at Flathead Lake Biological Station, University of Montana.

Hood Assists with Glacier Lake Outburst Incident

The incident released about 37 million cubic meters of water, enough to fill almost 15,000 Olympic sized swimming pools.

UAS Environmental Science faculty and department chair Eran Hood flew onto the Mendenhall Glacier July 21, 2011 with representatives from the National Weather Service and the City of Juneau Emergency Management Team to find the source of a glacier lake outburst flood from the Mendenhall Glacier. The incident released about 37 million cubic meters of water, enough to fill almost 15,000 Olympic sized swimming pools. The team assessed the potential for further increased flows in the Mendenhall River, and surveyed the flooding impacts along the river. Hood was praised for his expertise and assistance to staff. In a letter to Chancellor Pugh from the Mendenhall Glacier Visitor Center. Hood's aerial photos can be viewed on the UAS Photo Gallery on the UAS home page.

Humanities Faculty News: Sara Ray and Nina Chordas

The Ecological Other: Bodies, Nature, and Exclusion in American Culture by Assistant Professor of English Sarah Ray is scheduled for publication in 2013. Ray recently signed a book contract with University of Arizona Press for her dissertation.

Associate Professor of English and Humanities Department Chair English Dr. Nina Chordas has been officially certified by the American Translators Association (ATA) as a Translator from Russian to English.

DOA Grants Awarded to UAS

Over \$365,000 to carry out education, applied research, and related community development programs.

The Alaska Congressional Delegation recently announced two U.S. Department of Agriculture grants to UAS campuses in Sitka and Ketchikan. The "Connecting Pacific Pathways through Research, Education and Experience in the Sciences" program received \$167,147. The program is overseen by whale researcher and UAS Sitka Assistant Professor of Marine Biology Jan Straley.

The Ketchikan Fish Tech program received \$198,024 for creating and expanding fisheries and aquaculture educational pathways in Alaska. The grants are for programs that promote and strengthen the ability of Alaska Native-Serving Institutions and Native Hawaiian-Serving Institutions to carry out education, applied research, and related community development programs.

School of Education Receives \$2.1 Million

PITAAS to continue its leadership role in teacher education

The School of Education has secured \$2.1 million in new Alaska Native teacher education funding. Dean Deborah Lo and Education faculty received the exciting news that the UAS grant proposal for PITAAS (Preparing Indigenous Teachers and Administrators) was awarded by the United States Department of Education. This is a three-year grant that allows UAS to continue its leadership role in teacher education, partnering with the Sealaska Heritage Institute.