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### **Auke Ness Monsters compete at World Quest**

**UAS sent its first student team to the Juneau World Affairs Council's annual WorldQuest event February 3 led by Academic Exchange and Study Abroad Coordinator Marsha Squires.**

The Auke Ness Monsters competed valiantly for the gold in this engaging world trivia event with the support of Chancellor John Pugh, Provost Rick Caulfield and various faculty members. Though they fell short of glory in the end, the team performed admirably, particularly at the international buffet table. The first-timer UAS team had a blast, and they hope for a rematch next year—maybe even with reinforcements in a second UAS team. In the interim, the Auke Ness Monsters will bide their time, submerged under the dark waters of fervent studies, until WorldQuest 2013 arrives.

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### **One People, One Earth Forum**

**A group called Alaska Interfaith Power & Light showcased perspectives on climate change from the faith, science and Native communities.**

A diverse panel convened at the Egan Lecture Hall Saturday, February 18 to spread their message to college students and community members: it is a moral imperative to take action on human-accelerated climate change. A group called Alaska Interfaith Power & Light showcased perspectives on climate change from the faith, science and Native communities. The group has also hosted panels in Fairbanks and Anchorage. Audience-members took part in their “One People, One Earth” climate initiative to teach greater respect for the earth and for each other by acting on climate change. Audience members also signed a petition calling upon President Barack Obama to regulate greenhouse gases and carbon air pollution.

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### **University of Alaska Southeast Leads Icefield Study**

**Glacial fossil fuel remnants and the food chain.**

North America's fifth largest icefield is the laboratory for a study revealing that the remnants of fossil fuels in glaciers may be changing the source of food for marine life. University of Alaska Southeast Associate Professor of Environmental Science Eran Hood is the second author of the study, to be published in the international journal *Nature Geoscience* in March 2012. The article is currently on-line.

Hood led the fieldwork on the Mendenhall and Herbert Glaciers, where visiting scholar–scientists from throughout the Lower 48 sampled snow, ice melt, and glacier runoff. The organic carbon from these water and snow samples was isolated and carbon dated. “We analyzed its molecular chemical structure,” said Hood. “The carbon fingerprint we found indicated aerosols derived from the combustion of fossil fuels are an important source of organic matter on glacier surfaces and also in glacier outflow streams.”

The scientists said glaciers offer ideal evidence of soot from carbon emissions. This “black carbon,” darkens glacier surfaces and increases their absorption of light and heat. The carbon can also be exported to ecosystems downstream from glaciers where it can be metabolized and become part of the food web.

“These findings show that glaciers like Mendenhall can provide us with novel information about how humans are altering the composition of the atmosphere as a result of burning biomass and fossil fuels” said Hood. “The fact that we see this human–derived carbon signature in Alaskan glaciers also indicates that we still do not fully appreciate the post–industrial changes in the earth’s surface biogeochemical cycles.”

Glaciers and ice sheets together represent the second largest reservoir of water on the planet, and glacier ecosystems cover ten percent of the Earth, yet the carbon dynamics underpinning those ecosystems remain poorly understood. “Improving our understanding of glacier biogeochemistry is of great urgency, as glacier environments are among the most sensitive to climate change and the effects of industrial pollution,” emphasized Rob Spencer of the Woods Hole Research Center, another author on the study.

A warming climate will increase the outflow of the glaciers and the accompanying input of dissolved organic material into the coastal ocean. This will be most keenly felt in glacial coastal regions with the highest levels of ice loss including the Gulf of Alaska, Greenland and Patagonia.

The title of the study is “Anthropogenic aerosols as a source of ancient dissolved organic matter in glaciers.” In addition to Spencer, Hood’s fellow collaborators on the project were first author Aron Stubbins of the Skidaway Institute of Oceanography; Andrew Vermilyea from the University of Alaska Southeast; Peter Raymond and David Butman from Yale University; George Aiken, Robert Striegl and Paul Schuster from the U.S. Geological Survey; Rachel Sleighter, Hussain Abdulla and Patrick Hatcher from Old Dominion University; Peter Hernes from the University of California–Davis; Durelle Scott from Virginia Polytechnic Institute and State University.

More information and a slideshow of photographs by Hood can be found in the U.S. National Science Foundation on–line article, “Scientists Unlock Record of Ecosystem Changes Frozen in World’s Glaciers”: [http://www.nsf.gov/news/news\\_summ.jsp?cntn\\_id=123154](http://www.nsf.gov/news/news_summ.jsp?cntn_id=123154)

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## UAS Master Plan 2012

**The UAS Campus Master Plan 2012 is underway.**

Phase 1 includes a week long visit to all Southeast campuses by the master planning team from March 5–10, 2012. The consultant team for this project is led by Krisan Osterby, Senior Campus Planner for Perkins + Will.

Who is Perkins + Will?

Perkins + Will is an international planning and design firm. According to a statement on their website: We have been advocates of sustainable design since Larry Perkins and Phil Will founded Perkins + Will in 1935, and our firm has been designing award-winning sustainable buildings ever since. Sustainability is woven through the fabric of every project – it's how we practice, and how we live. We believe that we must examine how our projects conserve and protect our natural resources, and how they affect their builders, occupants and staff.

More information can be found at: <http://www.perkinswill.com>

The Perkins + Will team will visit each campus to conduct meetings with representative groups from our campuses and communities. The Juneau campus meetings are scheduled for March 5th through 7th and will involve the full Cabinet, Faculty, Students, Staff and the Community through Community Council and a Community Open House.

The Perkins + Will team has received a wealth of information including the UAS Strategic Plan, site and building information, current enrollment, projected growth, utilities, research space, dining use, resident life and other information and guided by the Board of Regents UA Policy 05.12.030 pertaining to Master Plans. The Master Plan will project and make recommendations to guide the physical needs for UAS buildings, infrastructure, open spaces, circulation over the next 10 years. Facilities Services is developing a link on its website that will include updates throughout the process, and where comments may be made.

The following meetings are scheduled:

**Monday, March 5, 2012 (Glacier View Room)**

8:30 – 11:30 Chancellor's Cabinet  
 12:00 – 2:00 Campus Council  
 2:30 – 3:30 Student Government/ Students

**Tuesday, March 6, 2012 (Glacier View Room)**

8:30 – 10:30 Faculty Senate/Faculty  
 11:00 – 12:00 Career Education (meeting at TEC)  
 2:30 – 3:30 Staff Council/ Staff  
 3:30 – 5:30 Community Open House

**March 8–9, 2012 Sitka Campus Visit and March 9–10, Ketchikan Campus Visit**

Why are we creating a master plan now?

The completion of UAS Strategic Plan in 2011, the recent acquisition of property, aging facilities, and changing student demographics are among a constellation of factors that require a reevaluation of the campus to determine how best it can serve the University's academic mission. Plus, it's been about 10 years since our last Master Plan was created/updated.

The process to produce a Master Plan is about a 12 month effort which will occur in four phases:

- Phase 1 (January –April)– Discovery: Observation and Analysis; Purposes, Programs, Precedents and Place. Visit to campuses including meetings with various groups
- Phase 2 (April – June)– Conceptualization: Concept Plans – guiding principles that govern location, adjacencies, sustainability, scale and character of campus buildings, grounds and infrastructure. Three alternative concepts will be developed;
- Phase 3 (June – September) – Synthesis: Draft Campus Plan –Develop the preferred overall campus concept for all three campuses and test strategies;

Phase 4 (September – December) – Documentation: Campus plan is finalized, including illustrative detail showing existing and proposed campus improvements

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## **UAS Mine Simulator Unveiled to Public**

**Grand unveiling on Friday, Feb. 24 at the UAS Technical Education Center**



Legislators, mining industry representatives, UAS officials and public school students showed up to try out the only educational underground mine training simulator in the country at a grand unveiling on Friday, Feb. 24 at the Technical Education Center downtown.



Elementary school students look on as Rep. Peggy Wilson (R-Wrangell) "drives" a simulated underground mining vehicle hosted by UAS Career Education

An extensive article by the Juneau Empire is at this link: <http://juneauempire.com/local/2012-02-26/uas-unveils-800k-mine-trainer>

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## **Did you know?**

### **Staff and Faculty Community Engagement Corner**

Interlibrary Loan Services librarian Beatrice Franklin teaches citizenship preparation and English to second language learners referred from the Learning Connection (Juneau's Basic Adult Education Center) on the UAS campus. "Some of my students aspire to taking official UAS classes some day and if nothing else they identify UAS with helping them be more productive members of their community," said Franklin. "They are excited about improving their English; they like the UAS setting and the convenience of coming here as opposed to downtown. I gather that the concept of a teacher volunteering their time is not something they have experienced very much in their native countries."

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### **Three Chancellor's Show United Front**

**Chancellor John Pugh was joined by his counterparts from the University of Alaska Anchorage and Fairbanks in the capital city on Tuesday, February 28.**

Chancellors Tom Case, Brian Rogers and Pugh addressed the Downtown Rotary Club and the University of Alaska Legislative Boosters Caucus on collaboration between the three main UA MAU's. "We are three universities and one system," said Rogers. The trio emphasized alignment and cooperation in programs such as engineering, health care, fisheries, marine transportation and e-learning. When asked about the need for more classrooms when more than one-third of classes are delivered through e-learning, Case said classrooms are vital to the collegiate experience. "By working together, we can do health care programs that just could not be done in other parts of the country," said Pugh. "We'll save the competition for sports," said Rogers.



L-R: UAA Chancellor Tom Case, UAF Chancellor Brian Rogers, UAS Chancellor John Pugh, Juneau Rotary Club President Clark Gruening



Chancellor Pugh with Sen. Dennis Egan (D-Juneau)

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### Community Poetry Reading and Showcase is March 30

**Poets from the entire Juneau community are invited to participate.**

The UAS Media Club is hosting a Community Poetry Reading Showcase as part of the Sound and Motion Arts at Egan Series.

Friday, March 30, 7 p.m.  
Egan Lecture Hall

Deadline for Submissions: March 19

Please send your original poem up to 5 minutes (when read aloud) to: [uasmediacub@gmail.com](mailto:uasmediacub@gmail.com)

Questions? Katie Bausler, 796-6530

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### **Wall Wildlife Wednesday Presentation**

**English faculty Emily Wall is giving a talk as part of the Alaska Wildlife Alliance "Wildlife Wednesday" series Wed. March 28, 7:00 p.m. at the Glacier View Room.**

Wall will be reading poems from her recently published book *Liveboard*. "Communities of the Wild: Poems & Stories" will focus particularly on the intersection of natural communities with human communities. Books will be for sale at the reading and there will be coffee and tea.

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### **Straley Receives Alaska Ocean Leadership Award**

**Jan Straley received an Alaska Ocean Leadership Award from the Alaska Sealife Center at a ceremony February 18 at the Den'aina Center in Anchorage.**

Straley was awarded the *Marine Research Award*, sponsored by Dr. Clarence Pautzke and his wife Dr. Maureen McCrae. "The Alaska Ocean Leadership Awards provide an opportunity to recognize outstanding contributions to the sustainability of Alaska's greatest resource—her oceans," said Tara Riemer Jones, ASLC President and CEO. Jan has studied the behavior and population dynamics of large whales in the North Pacific for more than thirty years. Her early research on humpbacks provided insight why some whales linger in the colder waters of the North Pacific during the fall and winter, when most whales migrate to the warmer climates of Mexico and Hawaii. Her research today involves interactions among large whales and human activities, primarily with fisheries. She is currently an Associate Professor of Marine Biology at the UAS Sitka Campus and an affiliate faculty of the UAF School of Fisheries and Ocean Sciences. The Alaska SeaLife Center is a private non-profit research institution and visitor attraction which generates and shares scientific knowledge to promote understanding and stewardship of Alaska's marine ecosystems.

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### **Once More: UAS Carpenter takes top honor at Wearable Art Extravaganza**

**The wood veneer craftsmanship of UAS carpenter David Walker once again earned First Place in the 2012 Wearable Arts Extravaganza.**

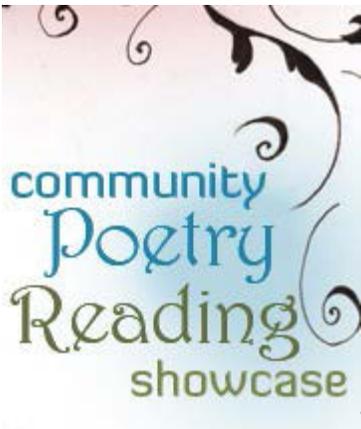


Attendees at the JunEAU Arts and Humanities Council's biggest fundraiser had no problem voting Walker's Beauty in the Beast number one for the People's Choice Award. The piece is inspired by victims of breast cancer. Walker is no stranger to top honors in Wearable Arts. According to a recent article in the JunEAU Empire, "Walker has placed in three of the four WOW shows he has entered, bringing home the "supreme winner" award in 2009 for "Lady of the Wood," a Marie-Antoinette style ball gown. In JunEAU his wood gowns have eared him a prize in every show he's entered." Read more here: <http://juneauempire.com/art/2012-02-16/wearable-arts-walker-explores-personal-themes-latest-piece>

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## Call for Poems

**Sound and Motion Poetry Reading, Friday, March 30**



The UAS Media Club invites submissions of original poems up to five minutes when read aloud for a Community Poetry Reading Showcase. Poetic members of the JunEAU community will be participating in the event March 30, 7 p.m. at the Egan Lecture Hall. Submissions are due Monday, March 19 to allow time to create a program. Send submissions to [uasmediacub@gmail.com](mailto:uasmediacub@gmail.com). For questions, call Katie Bausler, 796-6530

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## Vigilance Required of All Contributors to UAS Website

**If you do not recognize a photo as originating from UAS please remove.**

Recently the UAS Public and Media Relations office received notification from UA Statewide that an image on our website was violating copyright and asked for its removal. UA's office of Public Relations was contacted by Getty Images stating that this image was not purchased by UAS.

Soon after receiving this email we went into the Content Management System CMS and checked the date that this photo was uploaded and found other "similar" images and immediately removed them. UAS will incur the costs of having this photo published since 2008 at a total of approx. \$1,300.

As a safeguard, we ask that both Web Contributors and Managers view all images and graphics on your site(s). If you do not recognize a photo as originating from UAS please remove. Below are a few simple rules to follow:

1. Use the UAS Photo Catalog database: [www.uas.alaska.edu/pr/catalog-release.html](http://www.uas.alaska.edu/pr/catalog-release.html) (contact [webmaster@uas.alaska.edu](mailto:webmaster@uas.alaska.edu) for username/pass). This is a growing database and allows those with access to download images to a cart/basket for downloading and use. WE DO NOT ADVISE THE DOWNLOADING OF IMAGES FROM ONLINE DATABASES OTHER THAN OUR OWN.
2. If taking a photo yourself, please have those being photographed complete a Model Release: [www.uas.alaska.edu/pr/catalog-release.html](http://www.uas.alaska.edu/pr/catalog-release.html)

Learn NC has great resources regarding Copyright, to read more on the topic visit:

<http://www.learnnc.org/lp/pages/4454>

If you have any questions please don't hesitate to call or email the Public and Media Relations Office.