Monday, October 27
2:00 – 3:00 pm
Elvey Auditorium, 214 Elvey Building
Seismology faculty candidate seminar
Utilizing advances in seismic waveform processing to illuminate active earth processes in Alaska
Stephan Holtkamp, NSF post doc, Geophysical Institute

2:30-3:30 pm
Murie Auditorium, 104 Murie Building
Interdisciplinary PhD defense
Extreme hydroclimate events in Interior Alaska boreal forest watersheds
Katrina Bennett, Interdisciplinary Studies PhD candidate, Department of Civil and Environmental Engineering; International Arctic Research Center and the Water and Environmental Research Center

4:30-5:30 pm
Murie Auditorium, 104 Murie Building
One Health / Biomedical seminar series, sponsored by the Department of Veterinary Medicine
Perspectives on the neural control of ventilation: To breathe or not to breathe... That is the question
Michael Harris, Institute of Arctic Biology

6:00 pm
Murie Auditorium
Student Conservation Association Information Session
Jeff Chen
The Student Conservation Association connects young adults to a number of career development and internship opportunities each year with public land agencies like national parks and forests. Students will get relevant experience in our areas of focus: natural/cultural resource management, wildlife, fisheries, native plants, education, outdoor recreation, engineering, video/multimedia production, trail crew, and more.

Selected SCA interns receive free transportation to/from work site, a living allowance ($100 to $280 per week), free housing, and (for most internships) an AmeriCorps Education Award (approximately $1,300). Most positions run for 12 weeks. Training and certifications are provided. Selected interns network with other public lands stewards and gain relevant hands-on experience. To give you an idea of programs we are recruiting for, here are a few online links to the work we do:
- [Conservation Internships & Trail Corps](#) (internship positions across the country)
- [Field Leaders](#) (to lead youth and young adult team-based conservation crews)
- [SCA Diversity Initiatives](#) (Spring Break career development orientation in Seward and summer internship opportunities)
- [Veterans Fire Corps](#) (forestry and fire training for post-9/11 US military veterans)

Wednesday, October 29
1:00 - 2:00 pm
Vera Alexander Learning Center (201 O'Neill)
SFOS Climate Change Seminar
Climate change and salmon migration timing in Southeast Alaska: Patterns, processes, and consequences
Ryan Kovach, University of Montana
3:30 - 4:30 pm
Vera Alexander Learning Center (201 O'Neill)
Institute of Marine Science Seminar
Alaska & the 2011 Fukushima Dai-ichi nuclear power plant disaster: 3 years later
Douglas Dasher, Institute of Marine Science

5:30 – 6:30 pm
Schaible Auditorium, Bunnell Building
UAF Research Showcase: Introduction to Research and Creative Scholarship at UAF
Biography of vampires
Mike Harris, Andrea Ferrante and Andre Podlutsky, Institute of Arctic Biology
This series is sponsored by the Undergraduate Research & Scholarly Activity (URSA) office. Presentations are intended for a general audience and all are welcome.

Friday, October 31
1:00 - 2:00 pm
Elvey Auditorium, 214 Elvey Building
Department of Geosciences MS defense
The effect of topography on the seismic wave field
Ulrika Miller, MS Geophysics candidate

3:00 - 4:00 pm
Murie Auditorium, 104 Murie Building
Life Sciences Seminar Series, sponsored by the Institute of Arctic Biology and the Department of Biology & Wildlife
A reluctant marmoteer in the 20th and 21st centuries
Link Olson, University of Alaska Museum; Dept. of Biology & Wildlife; Institute of Arctic Biology

3:30 – 5:10 pm
201 Reichardt Building
Department of Geosciences Seminar
The climate hiatus: Global and Arctic perspectives
Uma Bhatt, Dept. of Atmospheric Sciences and Geophysical Institute

3:30 - 5:00 pm
214 O'Neill Building
By VCON from Juneau
SFOS Fisheries Division, Juneau Center Seminar
Climate change and range expansion of cod species into the Arctic: Early life history comparisons of vital rates
Ben Laurel, NOAA Alaska Fisheries Science Center

3:30 - 5:00 pm
531 Duckering Building
Water and Environmental Research Center Seminar
Title & speaker TBA

3:45 pm
Globe Room, 215 Elvey Building (Gl)
Department of Physics Journal Club
Check http://ffden-2.phys.uaf.edu/journal_club.htm or call 474-7339 to see if there’s a presentation scheduled for this week and to confirm the location.
4:00 - 7:00 pm  
UA Museum of the North  
Halloween at the Museum  
Costumed superheroes, zombies, and scary monsters of all kinds are invited to this annual Halloween celebration. Watch scientific experiments and tour the research labs. There will be crafts in the Discovery Lab and surprises throughout the museum. Bring a donation of canned food for the Fairbanks Community Food Bank.

**Coming Up**

**November 12-13, Arctic Day events**
UAF will kick off a celebration of the Arctic with a talk from Alice Rogoff, publisher of the Alaska Dispatch News. The talk will take place in the Charles Davis Concert Hall on the Fairbanks campus at 6:30 p.m. on Nov. 12. Rogoff, whose Alaska Dispatch Publishing LLC bought the Anchorage Daily News in April, also chairs the advisory council for the international Arctic Circle organization.

Other events on the Fairbanks campus Nov. 12–13 include a flag dedication ceremony, poster session highlighting Arctic research, a resource fair for students and a town hall-style presentation on the Arctic. This educational event is designed to bring students and faculty together providing information about Arctic opportunities and activities at UAF.

Arctic Day is sponsored by the UAF Chancellor’s Office. For more information, please contact Reija Shnoro at rshnoro@alaska.edu

**ABSTRACTS/MEETINGS/WORKSHOPS/PROFESSIONAL DEVELOPMENT**

**There is still time to submit an abstract to AKFOE**

Alaska Forum on the Environment  
Anchorage, AK  
February 9-13, 2015

John Duffy will again facilitate a track on Sustainability, Resilience, and related topics at the Alaska Forum on the Environment. Sessions are typically 20-30 minutes with 5-10 minutes for Q&A. He will need a 100 word abstract by October 31. John’s email address is jduffy@alaska.edu. The Alaska Forum’s website is http://akforum.com/.

UAF will be hosting a celebration of the Arctic in November. This event will provide opportunities for our faculty, staff, and students to interact with others in the campus community regarding “What is hot in the Arctic”. The goal is to build internal awareness of each other’s work and of opportunities.

An important planned component of the day is to share important research and projects with displays to be set up in the Great Hall the evening of Wednesday November 12 and the morning of Thursday November 13. We are seeking to raise awareness of the myriad ways that UAF engages in Arctic issues.

Please consider showcasing your research by participating in this important event. You may have materials you have used for prior presentations that might work for this event. If you will be able to participate I would greatly appreciate you contacting Cheri Renson at cheri.renson@alaska.edu by 5 p.m. on Friday Oct. 31. Cheri will follow up with each of you and coordinate the set up needed for this event.

The Global Diversity Foundation is pleased to announce GESA 2015: the fifth Global Environments Summer Academy, to be held in collaboration with the Centre for Development and Environment (CDE) at the University of Bern, between 27 July and 14 August 2015. More information is available on http://www.globalenvironments.org/gesa-2015/ and the application is online at http://www.global-diversity.org/content/gesa-application-form
Alaska Summer Research Academy 2015

**October 31, 2014** is the deadline to submit module proposals for the summer 2015 Alaska Summer Research Academy (ASRA).

ASRA is a two-week summer academy for students in grades 6-12. Students intensively explore a single subject (module) for two weeks under the guidance of two instructors. Modules are hands-on, and the idea is to make STEM fun and exciting, while still offering high-quality research experiences. ASRA instructors are typically experts in STEM fields from the university, the community, or from K-12 schools.

Details are in the RFP, which can be found at [www.cgc.uaf.edu/calendar.html](http://www.cgc.uaf.edu/calendar.html) attached to the 10/31/14 deadline announcement.

Contact: Laura Conner, [ldconner@alaska.edu](mailto:ldconner@alaska.edu)

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**New Generation of Polar Researchers (NGPR)Leadership Symposium**

[http://disccrs.org/ngpr](http://disccrs.org/ngpr)

May 2-9, 2015

USC Wrigley/Boone Center for Environmental Leadership
Catalina Island, California

**Application Deadline: November 3, 2015**

The International Polar Year (IPY) 2007-2009 provided a once-in-50-years opportunity to celebrate and advance polar research. The 2008 New Generation of Polar Researchers (NGPR) Symposium provided a select group of early career researchers with an opportunity to share their IPY research plans, establish an ongoing collegial network, develop a common sense of history and purpose, and place their work in an interdisciplinary, systems context. Given the importance of polar regions to the Earth system and rapidly changing environmental conditions, the 2015 NGPR symposium will bring together a new cohort of early career polar researchers to build on the momentum from the IPY and address changing conditions.

The week-long NGPR Leadership Symposium will bring together a select group of 36 early career researchers to present their research and discuss emerging research, professional and societal issues. Established polar experts, including Lonnie Thompson and Ellen Mosley Thompson, will share their history and insights. Training sessions will focus on communication, team-building, collaborative research and leadership skills.

Eligibility: The 2015 NGPR Leadership symposium is open to early career researchers who completed their Ph.D. degree between 1 January 2009 and 31 October 2014 and who have completed at least some of their Ph.D. or subsequent research in a polar region. While international participation is welcomed, the focus will be on the U.S. research system.

Selection Process: Participation will be limited to a total of 36 invited early career scholars. Each symposium application will be evaluated by at least 3 reviewers with expertise in the applicant's major area of research. The review criteria will include research quality, commitment to polar research, professional service and outreach interests. Selection will favor research excellence and leadership potential.

Expenses: Grants from the U.S. National Science Foundation will cover the costs of on-site room and meals along with air fare between the Los Angeles International Airport and & any other U.S. airport. Transportation will be provided between the Los Angeles International Airport & the U.S.C. Wrigley/Boone Center for Environmental Leadership on Catalina Island. Travel from locations outside the U.S. will not be covered.

Information and Application instructions: [http://disccrs.org/ngpr](http://disccrs.org/ngpr)

Co-Organizers: Sheldon D. Drobot, National Center for Atmospheric Research and C. Susan Weiler, Whitman College

Support: The NGPR Leadership Symposium is supported by collaborative grants from the U.S. National Science Foundation.
INTERNISHIPS/FELLOWSHIPS/ EMPLOYMENT

Nine Month Fellowship in Northern California
The CORO Fellows Program is a nine-month, post graduate, leadership training program through which Fellows gain hands on experience and access through work in the government, nonprofit, labor, political, and business sectors. The main components of the program are field placements, seminars, interviews, and focus weeks.

CORO seeks bright, self-motivated individuals with a commitment to ethical and effective leadership. A bachelor’s degree or equivalent work experience is required and post-graduate academic study or work is encouraged. Fellows come from all academic disciplines, careers, and racial, ethnic, and socio-economic backgrounds. Based on a review of applications, Coro will invite finalists to attend Selection Day in March.

Completed applications are due by JANUARY 23, 2015. In order to apply for the program you must first fill out an interest form at www.corofellowship.org/apply-today/. Once you have completed the interest form you can begin the application process. Applications will be submitted online, you can access the application by visiting www.corofellowship.org.

CORO Fellows can qualify for a need-based stipend of up to $1200/month to assist with living expenses incurred while enrolled in the program. CORO also offers a monthly allowance of up to $160 to reimburse the cost of purchased health insurance. CORO Northern California partners with some local universities who offer scholarships, tuition reduction, and/or application fee waivers to CORO graduates. Fellows who receive student loans for their graduate or undergraduate education and who want to defer payment of these loans while enrolled in the CORO program, should obtain the necessary papers from their lending institutions. Deferment is granted by lending institutions on an individually negotiated basis.

If you have any questions, please contact the Program Manager, at CoroSFApply@coronorcal.org or 415.986.0521 ext. 108.

Looking for UAF students majoring in science, technology, engineering and math (STEM) to work with K-8 students
Looking for UAF students in STEM majors who are interested in going into local K-8 classrooms to conduct hands-on activities with students. UAF students will receive training, then go into a classroom to lead an activity and show students that STEM can be fun and exciting. UAF students can choose from pre-planned engineering lesson kits or come up with their own ideas in any STEM field. I'm asking for a time commitment of one training session and one activity in a classroom, but you’re welcome to go back if you enjoy it.

K-8 students often don't receive a strong STEM education which sets them behind in high school and college. The purpose of this program is to develop an ongoing outreach relationship between UAF and the Fairbanks North Star Borough School District to increase K-8 STEM exposure through experiential learning. This outreach effort is part of the Alaska Space Grant Program. Please contact Jennifer Paniati at jcorrigan@alaska.edu if you’re interested.

GRANT OPPORTUNITIES/SCHOLARSHIPS/OTHER AWARDS

Graduate School Travel Grants. Go to http://www.ua.edu/gradsch/grants-and-fellowships/travel-grants/ for details and a link to the registration form page. Make sure you use your UA credentials to log in to Google Forms. Due no later than October 31, 2014. Please contact the Graduate School if you have any questions.
The Society of American Military Engineers (SAME) Anchorage Post is pleased to announce the kick-off of our 2014 Scholarship Program.

Multiple scholarships are available to sophomore, junior, or senior students of engineering; architecture; construction or project management; natural, physical, or applied science; and mathematics at an accredited college or university. Last year, the SAME Anchorage Post scholarship program awarded over $16,000 to eligible students. The application indicates one scholarship for Masters level students.

Please encourage students to fill out and submit an application. To apply, students can fill out the application form attached to this email and submit it by mail or email to the address on the first page of the application. The application is also available online at [http://www.sameanchorage.org/wp/scholarship-information/](http://www.sameanchorage.org/wp/scholarship-information/)

The submittal deadline is **Friday, December 5, 2014**. Scholarships will be awarded in late January 2014.

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The People’s Endowment Board at the University of Alaska Fairbanks is pleased to announce the availability of funds for Fall 2014.

The People’s Endowment was established at the UA Foundation in 1986 with the intent to provide a source of funds for projects that will improve UAF but would likely remain unfunded due to institutional priorities. Grants are intended to be used for a special project or to fill a critical need at UAF. Proposals will be accepted from UAF faculty, staff, and students. All proposals will be submitted to the People’s Endowment Board for review and selection.

**Deadline:** The deadline for receipt of complete proposals is **October 29, 2014**. Proposals received after 5 p.m. of the deadline date will not be considered. Successful recipients will be notified on November 10, 2014.

**Maximum Grant Amount:** $5,000

The board may fund more than one grant depending on available funds and amounts requested. Requests for smaller amounts or partial funding will be considered.

**Submission Guidelines:**

Proposals must be submitted in the provided template format. Proposals should contain evidence that the funded project will provide a margin of excellence that could provide support or assistance to improve the overall quality or stability of university programs and efforts.


Examples of projects not likely to receive funding include scholarships or pure research projects, for which there are other funding opportunities available. In general, grants will not fund projects that are part of normal university activities. The People’s Endowment does not fund honorariums, salaries, and consultation service fees to UA employees.

- Title and general description including outline of problem to be solved; how will PE funding fill a critical need or improve UAF?
- Detail of budget requested, including other grants sought and awarded/denied.
- Student groups interested in applying for a grant must include a faculty mentor who will assists in overseeing and guiding the project.
- Applicant contact information, including name, address, phone number and e-mail address, and university affiliation.

To apply, you must submit the proposal template provided which includes the following information:
Send complete proposals via e-mail to the Provost’s office at jahoppough@alaska.edu. Proposals are available online at www.uaf.edu/provost/peoples-endowment. General questions about this grant can be addressed to the Provost’s Office at 474-7096 or jahoppough@alaska.edu.

**2015 Global Change student grant competition.**
Guidelines for CGC’s 2015 Global Change Student Research Grant competition will be released Monday, September 22 and available for download at www.cgc.uaf.edu. An INFORMATIONAL WORKSHOP on the competition will be held Monday, November 10 at 5:15 p.m. in the Globe Room of the Elvey Building (G1). See http://www.cgc.uaf.edu for a flyer with more details.

The University of Alaska Foundation is pleased to announce the availability of the 2015 Angus Gavin Memorial Bird Research Grant.

Proposals for the grant will be accepted from scientists within the University system, which includes graduate students and faculty members employed within the University system. Grants are intended to be used for the support of research on bird species found either permanently or seasonally in Alaska or its coastal waters, including their biology, general ecology and habitat relationships. Research designed to yield information of value in management of bird species will be given preference. This shall include aspects of management directed toward protection, maintenance or enhancement of bird populations and their habitats that may be influenced by development activities. Proposals dealing with the habitat of Alaskan bird species and its effects on such species are acceptable under the terms of the grant.

All proposals will be submitted to a review team composed of qualified professionals for selection and review. **Deadline:** The deadline for receipt of complete proposals including applications, transcripts and letters of reference shall be **November 14, 2014** for the **2015** field season grant. Any proposals received after the deadline will be returned unopened to the applicant. The successful recipient will be notified of the review team’s decision in mid-February 2015. The review team's decision on the merits of proposals is final. **Maximum Grant Amount:** $15,000
The committee may also fund additional grants depending on available funds and the amounts requested by applicants. Requests for smaller amounts or partial funding will be considered.

For more information or an application: [http://www.alaska.edu/foundation/donor_relations/grants-and-awards](http://www.alaska.edu/foundation/donor_relations/grants-and-awards)

**OTHER**

The University of Alaska Fairbanks Cooperative Extension Service will host rocket stove workshops in Fairbanks on Oct. 31 and Nov. 1.

Extension Energy Specialist Art Nash and Jim Scott, a retired electrical engineer, will lead two separate workshops from 5:30 to 9 p.m. Oct. 31 and 9:30 a.m. to 1 p.m. Nov. 1 in the Harper Building at 4280 Geist Road.

Participants will build their own rocket stoves from cans and will receive a premade steel rocket stove as well as a do-it-yourself wood burn box. Nash said rocket stoves are useful for cooking and heating in cabins and camps. They burn small-diameter wood. Insulated chambers concentrate the fire on the tip of the wood, resulting in an efficient burn that uses less wood and produces fewer emissions.


Please send suggestions, announcements, etc. to Mary van Muelken, fyabnp@uaf.edu or mavanmuelken@alaska.edu