ALL RAP
Thursday, February 18
2:30 – 4:00 pm
Murie Auditorium

Arctic Ambassadors Program
Donna Anger, Director, International Programs and Initiatives

Tara Callear Human Dimensions of Invasive Plant Management: A Dalton Highway bird vetch case study

Abstract: Following an introduction to the invasive plant issue along the Dalton Highway, attendees will be asked to participate in a pilot test of the survey instrument. The survey tool was designed to measure attitudes toward the use of herbicides in the Dalton case. The pilot test will be followed by a closer look at the research design and a discussion about assessing measurement reliability and validity.

Quantifying Aircraft Noise in Caribou Harvest Areas for the Community of Nuiqsut using a Soundscape Ecology Approach
Taylor Stintchcomb

Abstract: Nuiqsut is an Inupiaq community on Alaska’s North Slope experiencing multifaceted environmental change. In addition to changes in the physical landscape, changes in the soundscape threaten to disrupt traditional subsistence practices. The community expresses particular concern about aircraft noise and how it may be altering access to caribou (Rangifer tarandus) populations. Using a soundscape ecology approach, this study aims to quantify aircraft activity in caribou harvest areas and determine the impact on hunter behavior and movements. Under this approach, acoustical monitoring systems record continuous environmental sound to capture the frequency and intensity of aircraft fly-overs. Systems were piloted in July 2015 at three sites identified by the Nuiqsut community as important locations for caribou harvest. Soundscape profiles and aircraft signatures were captured successfully at two pilot sites. Audiovisual analysis of the soundscape profiles showed a daily average of 17.6 aircraft fly-overs at the Fish Creek site (3.5 jets, 5.6 propeller planes, 8.5 helicopters) and 11.2 aircraft fly-overs per day at the Itkalik site (4.2 jets, 6 propeller planes, 1 helicopter). The mean fly-over event was audible for two minutes, independent of aircraft type. These preliminary results indicate that soundscape analysis is an effective method for measuring aircraft noise disturbance. Following guidance by the community of Nuiqsut, monitoring efforts will expand in the summer of 2016 in order to establish a baseline for aircraft activity across the caribou harvest area. This study will provide the Nuiqsut community with essential information to engage in and inform resource management discourses and decisions, respectively.

Tuesday, February 16
7:00 – 8:00 pm
Westmark Fairbanks Gold Room
Science for Alaska Lecture Series
Home on the ice: Sea ice change and Arctic wildlife
Olivia Lee, Research Associate, GI

Abstract: Sea ice plays a prominent role in the lives of walrus and ice seals in the Arctic. Learn how scientists and subsistence hunters are collaborating using a combination of satellite imagery and local observations to study the effects of changing sea ice on the behavior and migration of walrus, bearded, ringed and spotted seals in Alaska.
About the speaker: Olivia Lee, a Research Associate with the Geophysical Institute, has a PhD in Wildlife and Fisheries Sciences from Texas A&M University, and a BA in Marine Science from the University of Hawaii at Hilo. She has studied seals and sea otters in Alaska and Russia looking at migration patterns, and how they use their environment to find food. She is interested in using technology and local knowledge to track changes in sea ice habitat in the Arctic.

This series is sponsored by the UAF Geophysical Institute and Alaska EPSCoR, and presentations are free and family-friendly. Doors open at 6:30 p.m.

**Wednesday, February 17**
1:00 -2:00 pm
Vera Alexander Learning Center, 201 O’Neill
SFOS Fairbanks Fisheries Seminar
Salmonid selection, evolution and historical abundance
Curry Cunningham.

5:30 pm
Schaible Auditorium
URSA Research Showcase
A brief history of sled dogs in Alaska: Super Heros Without Capes
Arleigh Reynolds, UAF School of Veterinary Medicine

**Thursday, February 18**
2:30 -4:00 pm
Murie auditorium
All RAP
See above for speakers and abstracts

**Friday, February 19**
8:00 -9:00 am
Vera Alexander Learning Center, 201 O’Neill Bldg
SFOS MS defense
Effects of rising sea surface temperature and decreasing salinity on kelp and associated macroalgal communities
Alyssa Lind, MS Marine Biology candidate.

12:00 -1:00 pm
Webinar (or in 407 Akasofu Bldg (IARC) - enter via Suite 406)
February 2016 National Weather Service Alaska Climate Forecast Briefing
Rick Thoman (Climate Science and Services Manager, Environmental and Scientific Services Division, National Weather Service Alaska Region)
Do you lie awake at nights wondering what the upcoming season will be like? Want to place bets with friends and family on next month’s weather? If so, good news:

The tools and techniques for making monthly and season scale climate forecasts are rapidly changing, with the potential to provide useful forecasts at the month and longer range. Rick Thoman (Climate Science and Services Manager, Environmental and Scientific Services Division, National Weather Service Alaska Region) will review recent climate conditions around Alaska, review some forecast tools and finish up with the Climate Prediction Center’s forecast for the upcoming season.

Rick will also present a "Feature-of-the-Month" special addition in which each month he will highlight a topic relevant to the particular month.
Feel free to bring your lunch and join the gathering in-person or join online to learn more about Alaska climate and weather.

This is a monthly series, generally taking place the third Friday of each month. Hosted by the National Weather Service and the Alaska Center for Climate Assessment and Policy (ACCAP)


12:30 – 1:30 pm
Vera Alexander Learning Center, 201 O’Neill Bldg
SFOS MS defense
Arctic circulation pathways, heat and freshwater fluxes: results from numerical model integrations
Jonathan Whitefield, MS, Oceanography candidate.

3:00 – 4:00 pm
Murie Auditorium
Life Sciences Hour
Assessing the adverse health effects of climate change in Alaska
David Driscoll, Institute for Circumpolar Health Studies, University of Alaska Anchorage.

Abstract:
A great deal is known, and even more is posited, about the environmental effects of climate change in the northern latitudes. However, very little is known about the adverse effects of climate change on the health of residents of the circumpolar north. In this talk, I will describe some of the reasons why this is so, including some of the challenges to conducting epidemiological assessments of health outcomes associated with environmental exposures. I will describe the method by which my study team met those challenges through the application of a participatory, community-based surveillance system to collect repeated observations of environmental conditions and syndromic health outcomes in sentinel communities across three ecologically distinct regions of Alaska. I describe those adverse health outcomes we found to be significantly associated with unseasonable environmental conditions likely associated with climate change. Finally, I discuss some recommendations for adaptation strategies to mitigate these adverse health outcomes in circumpolar northern populations.

About the Speaker:
David Driscoll is the director of the Institute for Health Studies and an associate professor in the College of Health and Social Welfare. His research combines epidemiological and anthropological methods to link population-level health data and sociocultural context in order to assess and create effective public health programs. He has more than 10 years of experience working for a host of federal agencies and research foundations and associations. When not in the office, Driscoll enjoys running, biking, canoe camping, and fishing.

3:30 – 5:00 pm
214 O’Neill Building (by VCON from Juneau)
Juneau Fisheries Seminar
Environmental regime interaction in a changing Arctic: linking science and policy
Kaja Brix

Saturday, February 20
12:00 – 4:00 pm
North Pole branch library, 656 North Pole High School Blvd.
Firewood workshop
Representatives from multiple agencies will provide information about cutting and seasoning firewood and using a wood stove safely during a Feb. 20 workshop in North Pole.
The University of Alaska Fairbanks Cooperative Extension Service and the Yukon River Chapter of the Society of American Foresters will host the free workshop from noon to 4 p.m. in the North Pole branch library, 656 North Pole High School Blvd.

Information will be provided on operating and maintaining wood stoves and chainsaws, felling trees, seasoning firewood and estimating how much is needed. The workshop will also cover getting firewood permits on state, borough and military lands. Presentations will be given by Extension, the Fairbanks North Star Borough, the Alaska Division of Forestry, Fort Wainwright and The Woodway.

Door prizes and snacks will be provided. For more information, contact Carmen Kloepfer at 907-474-5807 or cckloepfer@alaska.edu

COMING UP
Monday, February 22
4:30 -5:30 pm
Murie Auditorium
Biomedical and One Health Seminar Series
Himalayan biodiversity conservation during climate change
Falk Huettmann, UAF Institute of Arctic Biology.

Tuesday, February 23
3:00 -5:00 pm
Murie auditorium
Toxic Friday, film and discussion
Libby Roderick, associate director of the University of Alaska Anchorage’s Center for Advancing Faculty Excellence
A recent survey of UAA faculty and staff showed widespread concern about academic bullying and a perception that the university system needs to respond more effectively to reports of toxic behavior within departments.

Bullying and toxic behavior in the workplace are hot topics across the nation. Universities across the country are exploring a range of responses. They include additional language in mission, union and hiring documents; departmental codes of conduct; and a collegiality criterion in promotion, tenure and hiring decisions.

In 2014, UAA faculty and staff worked with a scriptwriter to develop an interactive theater piece that explores some of the ways academic bullying can affect the dynamics within a department. From this, they produced the video “Toxic Friday,” which Roderick will show at the Fairbanks meeting.

Sunday, February 28
3:00- 4:00 pm
Davis Concert Hall
Animal Behavior of Multiple Species, talk and book signing
Dr. Temple Grandin
In understanding animal behavior, we first need to understand how our pets, livestock and the wildlife around us perceive their world. Temple Grandin will share her own experience with autism as well as her experience as an animal scientist to deliver extraordinary insights into how animals think, act, and feel. CNSM’s Department of Veterinary Medicine is hosting this talk. The American Society of Autism is bringing Grandin to Fairbanks for a local ASA conference which will host a free talk on Monday night about autism. Go to http://www.asagoldenheart.org/ for information regarding Monday’s event.

TIMES: Includes seminar, book signing and shuttle buses
2 – 3 p.m. : UAF Shuttle buses to Davis Concert Hall from Nenana Parking lot (across from Patty Center)
3 – 4 p.m. : Temple Grandin’s “Animal Behavior of Multiple Species” talk
4:15 – 4:45 p.m. : Book signing. Available for purchase Animals in Translation and Animals Make us Human
4:15 – 5:15 p.m.: UAF Shuttle buses to Nenana Parking lot (across from Patty Center) from Davis Concert Hall

PARKING: Parking at UAF on Sunday is free. However, we are providing shuttle service to the Nenana Parking lot across from the Patty Center before and after the talk.

REGISTRATION: No registration required for this talk. Free and open to the public.

SPECIFIC QUESTIONS: Email uaf-yet-med@alaska.edu

HOST: UAF’s Department of Veterinary Medicine in the College of Natural Science & Mathematics

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**ABSTRACTS/PROFESSIONAL DEVELOPMENT**

This is an announcement of an upcoming conference 14-16 June 2016 on Resilience: Opportunities and Challenges for Societal Crisis Management and Individual Safety. Although the conference does not relate to tourism per se, persons undertaking research on the theme of tourism and resilience may find it of interest. More information about the conference can be found at [miun.se/en/areriskevent](miun.se/en/areriskevent).

Please send an abstract of no more than 200 words to rcr@miun.se by March 1, 2016. The abstract must be written in English in MS Word or PDF. Please include your name, your institutional affiliation and contact information and let us know whether you are giving an oral presentation or a poster. Notification emails regarding the acceptance of abstracts will be mailed out by March 22, 2016.

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Applications accepted for UArctic Student Ambassador program

**Due 2/21/16**

**About the UArctic Student Ambassadors**

UArctic’s Student Ambassador Program is designed to train student leaders in the skills necessary to represent the UArctic network as well as their own home institutions on and off campus, and to grow UArctic’s student community. As the face of UArctic’s educational activities, these ambassadors are called upon to officially represent UArctic and to promote the network, enthusiastically sharing their own UArctic experiences to highlight the opportunities and benefits that our network has to offer.

The overall aim of the program is to bring tangible benefits to the network as a whole, and for individual members and their students. Launched in 2014, UArctic’s Student Ambassador program provides an excellent opportunity for students of UArctic member institutions to join a select group of student leaders who engage in representing UArctic at events and functions, who meet to discuss important Arctic issues, and who communicate with fellow and prospective students.

Nominated by their home institutions, each UArctic Student Ambassador is appointed by UArctic’s Board of Governors for a three-year term. The first-ever group of UArctic Student Ambassadors was appointed in October 2014. Representing 11 universities, six nationalities and several fields of study, the current UArctic Student Ambassadors are profiled here.

**Benefits of the Program**

As students who understand the benefits of higher education and who share in the value and promise that our collective northern voices have in a globalized world, UArctic Student Ambassadors provide invaluable insight by advocating the opportunities that the UArctic network offers and by highlighting what it is to be a student whose interests are in, of and for the North. Furthermore, as student leaders, UArctic Student Ambassadors are in an excellent position to take the pulse of what Northern and Arctic issues their fellow students are interested in.

For individual UArctic Student Ambassadors, the ambassadorship provides great opportunities to interact with a range of stakeholders’ from around the Circumpolar north (for example, see UArctic Student Ambassadors meet global leaders in Tromsø – 2015). The opportunity can also help them expand their Arctic identity, build self-confidence and encourage personal development, while helping them improve their communication skills in preparation for future employment.

**Roles of UArctic Student Ambassadors**
In their honorary role as UArctic Student Ambassadors, students are called upon to:
Participate in relevant UArctic events and activities, to communicate student views and represent student perspectives broadly at such events as the UArctic Rectors’ Forum, meetings of the Council of UArctic, etc.
Represent UArctic as well as their home institution and region at events and functions organised by key UArctic external partners and constituents such as: the Arctic Council, Association of Polar Early Career Scientists (APECS), Arctic Frontiers, Arctic Circle Assembly, Northern Research Forum, International Arctic Science Committee (IASC) and International Arctic Social Sciences Association (IASSA). At formal international meetings, one or more student ambassadors may be called upon to join UArctic’s leadership in representing the network.
Act as key drivers of UArctic’s social media content, by helping to develop student-produced and student-oriented content for UArctic’s information channels.
Engage with past and present students from across UArctic’s membership, via online communications and in-person where possible.
Promote UArctic and the networks educational opportunities to students at their home institution who are interested in northern issues.
Serve as a UArctic student community liaison and a point of contact to both their home institution and their community/region.
Function as a link between the student community and UArctic’s leadership, by collaborating with elected student representatives on UArctic’s Board of Governors to help raise issues of concern and bring student perspectives and ideas forward.

Eligibility Criteria:
To be eligible for a UArctic student ambassadorship, a candidate must:
Be enrolled at a UArctic member institution, and attending, at least, their second year of university/college studies;
Have previously participated or is currently participating in a UArctic student activity (e.g. north2north exchange; Circumpolar Studies program; UArctic endorsed Master’s Program; UArctic Student Forum; etc.) or identifies his/her self as an “Arctic student” due to their origin, field of study or research interest in Circumpolar issues (details to be provided by candidates in their letter of interest);
Have excellent communication skills, including proficiency in the English language.

Training and Support for Student Ambassadors
To support UArctic Student Ambassadors, the following will be provided by UArctic:
Training for UArctic Student Ambassadors, which will include briefings on the network and its activities, and on their roles and responsibilities as student ambassadors.
Opportunities for UArctic Student Ambassadors to meet and discuss important Arctic issues with UArctic’s leadership, external partners and circumpolar constituents.
UArctic will provide each student ambassador with UArctic materials to distribute at their home institution and at sponsored events.
At the end of their term as UArctic Student Ambassador, each student will receive a UArctic Certificate of Recognition.

Training for the newly appointed UArctic Student Ambassadors will take place during the first ever UArctic Congress, held in Saint Petersburg, Russia from September 12-16, 2016. During the Congress the ambassadors will have the opportunity to interact with fellow students, and meet with distinguished representatives and guests, as well as with UArctic’s leadership.

The Astoria, OR FisherPoets Gathering is coming up soon! Please join a collection of storytellers and musicians in various venues in Astoria, Oregon for the festival readings February 26-28. The schedule is available for review—you’ll note many Alaska-based fishermen and writers as well as readers from the Pacific North West and beyond. A fun event that presents the lifestyle and culture of fishermen with an array of voices and experience. Check out the website for more details: http://www.fisherpoets.org or contact Emilie Springer esspringer@alaska.edu

Alaska Rural Energy Conference
April 26 -28, 2016
National Park Service Centennial Science and Stewardship Symposium

In celebration of 100 years, the National Park Service Alaska Region will host the Centennial Science and Stewardship Symposium at the University of Alaska Fairbanks on October 19-20, 2016. The symposium will highlight how science and scholarship have shaped the past 100 years of national park management, and provide a forward look at the next century of collaborative science and scholarship in Alaska’s national parks. Sessions will feature research and stewardship in national parks and celebrate the partnerships essential to park management.

We invite all NPS employees and partners to submit abstracts for symposium presentations [https://docs.google.com/a/alaska.edu/forms/d/159kwf0HWKPGd-c4xlcnjb58C1WNZxPmRoRHHS2d4Jc/viewform](https://docs.google.com/a/alaska.edu/forms/d/159kwf0HWKPGd-c4xlcnjb58C1WNZxPmRoRHHS2d4Jc/viewform)

Presentations may be on any topic relevant to science, scholarship and the management of parks. We encourage presentations that highlight applications of research to park management and emphasize interdisciplinary themes. Sessions will span the disciplines of natural resources, cultural reources, subsistence, education and outreach.

Presentations may take any of four formats:
*Plenary – These sessions feature topics or speakers of interest to all attendees and will be the only event at the time.
*Panel or Topical Session – These sessions feature a group of speakers who will discuss a topic of interest in front of an audience.
*Poster – This session features posters that highlight stewardship activities, research outcomes, or other topics relevant to park management. Posters will be on display throughout the 2-day symposium and researchers will be asked to accompany their posters during one 90-minute session.
*Workshop – These sessions take the form of training on techniques used to conduct or communicate science or introductory presentations on a technical topic.

Submit abstracts no later than 15 March, 2016. Authors of selected abstracts will be notified by April 1, 2016. Symposium proceedings will be published in a centennial issue of Alaska Park Science.

Please forward this request to any interested partners. Note that we are counting on you to reach out to your partner communities to inspire compelling presentations. Registration will be free to students and will cost $150 for other attendees. If you have questions about the symposium or would like to discuss a session idea, contact Whitney Boone whitneyboone@nps.gov

Alaska Sustainable Agriculture Conference
February 24 – 25, Anchorage

Registration is open for the annual Alaska Sustainable Agriculture Conference, which will take place in Anchorage for the first time.

More than 50 presentations during the Feb. 24-25 conference will focus on farm management, growing fruits and vegetables, and meat and fiber production. Preconference workshops Feb. 23 will highlight fiber production, farm budgeting, and on-farm food safety and marketing. An all-day session Feb. 25 will cover qiviut production and marketing.


ADDITIONAL CONTACTS: Darcy Etcheverry, 907-474-5107, ddetcheverry@alaska.edu; Steven Seefeldt, 907-474-1831, ssseefeldt@alaska.edu; Debbie Carter, 907-474-5406, dscarter@alaska.edu
The 7th Regional Conference on Island Sustainability will take place April 11-15, 2016. This year, the University of Alaska Fairbanks joins the University of Guam Center for Island Sustainability as a co-host of the conference as we explore topics pertinent to soft borders and remote regions. Both universities serve border regions far removed from the mainland US. The institutions are dedicated to supporting dispersed and disconnected “islands” within their regions and are committed to emergent research and awareness of sustainable practice and lifeways toward human survival.

The conference will inspire change, facilitate action, and provide a venue for sharing, networking, and collaboration of sustainability issues related to economic, social/cultural, educational, environmental or energy solutions. We invite you to propose a session or presentation in one of the following areas:

*Posters – Visual presentation of a topic allowing viewers to learn on their own while the presenter discusses particular points in one-on-one or small group conversations.
*Panel Discussions – 60-minute session with two or more presenters and a moderator who facilitates a discussion between presenters and audience members after a short presentation by each panelist.
*Workshops – 60-minute interactive sessions that include a brief presentation and time for audience members to participate in discussions and/or activities that will help them better understand the topic.
*Case studies – 20-minute presentations about a particular focused topic. Each selected case study will be organized with two other case studies into 60 minute blocks.
*Networking Meetings – Sessions for discussions about a particular topic. Networking meeting proposals are to include a topic, a facilitator, and an agenda.

If you would like to present at the conference, please forward the following information to Elvie Tyler at elvie.tyler8@gmail.com
1. Your Name (as it should appear in the program)
2. Title of Presentation
3. Abstract (one paragraph no more than 150 words)
4. Type of Presentation: Lecture/Panel/Exhibit/Poster
5. Preferred time of presentation (if needed)
6. Logistic/equipment requirements.
7. Contact person for session proposal
8. Facilitator contact information (for panel proposals only)

**Deadline for submissions is 4:00pm, Friday, March 4, 2016.** Notification of selections will be made no later than Friday, March 11, 2016. If you are selected to present, handouts and PowerPoint presentations must be submitted in an electronic format no later than Friday, April 1, 2016.

Contact mavanmuelken@alaska.edu for the complete call for proposals.

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**ARCTIC SCIENCE SUMMIT WEEK**
12-18 March, University of Alaska Fairbanks

Now is the time to register for the 2016 Arctic Science Summit Week, Arctic Observing Summit and the International Arctic Assembly Day. [https://assw2016.org/register](https://assw2016.org/register)

Interactive Program Now Online [https://assw2016.org/assw-program](https://assw2016.org/assw-program)

The schedule for ASSW, AOS, side meetings and related events is developing rapidly.

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**INTERNERSHIPS/FELLOWSHIPS/ EMPLOYMENT**

**PhD Fellowship in nature-based tourism – Ref.no 16/00341**

The Department of Ecology and Natural Resource Management at the Norwegian University of Life Sciences (NMBU) has one vacant 3-year PhD–position related to analyses of Norwegian nature-based tourism markets. The position if funded by the Research Council of Norway’s BIONÆR program.

Department of Ecology and Natural Resource Management (INA) has about 100 employees and undertakes teaching, research and dissemination within the fields of biology and ecology, nature management, renewable energy, nature based tourism and forest sciences. Currently the department has ca. 370 students, and about 50 PhD-students. The employees of the department are very active in their areas of expertise, both nationally and internationally and have a high level of production of scientific papers. For more information: [http://www.nmbu.no/ina-en/](http://www.nmbu.no/ina-en/)

**Research project**
This position is part of the project BIOTOUR financed by the Research Council of Norway, that will analyse key conditions for development of the Norwegian nature-based tourism sector, thereby strengthening contribution to business innovation, community development and sustainable use of natural resources. The candidate will be part of a research team focusing on the current and potential demand for nature-based tourism products and services. The research will establish measures of existing markets, estimate the demand for new products, and undertake market segmentation analyses. The candidate will be co-supervised by staff at the Institute of Transport Economics (TØI) and the candidate will work in close co-operation with TØI researchers.

**Main tasks**
* Analyses of existing and new demand data for quantification of segments in nature-based tourism, including administration of survey designs and data collection
* Administration and analyses of surveys to measure stated preferences and choice among different product designs
* Complete a doctoral thesis in nature-based tourism at INA

The successful candidate is expected to start in August 2016, have a PhD plan approved by INA within the first months of appointment, and to complete the PhD by the end of the project period according to the instructions of NMBU. The candidate is also expected to plan and accomplish the PhD research in accordance with the milestones of the BIOTOUR project.

**Academic qualifications**

**Required skills:**
* The successful applicant must have a MS degree within a relevant scientific discipline
* The applicant must document expertise and interest in the research subject, including analyses of quantitative data

**Desired skills:**
* Ability to analyse information and research material in Norwegian language

**Desired personal qualities**
Personal characteristics important for the position are:
* Strong interest in nature-based tourism
* Motivated and enthusiastic about the research topic
* Good team worker and hard working

**NMBU offers:**
* A progressive academic institution with focus on professional development, dissemination and competence
* An interdisciplinary and inclusive environment that provides exciting research- and development opportunities
* Opportunities to be a team member in a large research project
* Contacts with inspiring students and skilled colleagues
* Various welfare schemes
* Beautiful surroundings just outside Oslo
**Remuneration**
The salary for a PhD-scholarship starts at wage grade 50 (equivalent to annual salary NOK 430 500) on the Norwegian Government salary scale upon employment and follow ordinary merit regulations. For especially well qualified applicants, alternative salary placement could be considered.

**Further information**
For further information, contact Professor Peter Fredman, peter.fredman@nmbu.no
You may also contact RAP alum Stian Stensland stian.stensland@nmbu.no

**Application**
To apply online for this vacancy, please click on the 'Apply for this job' button above. This will route you to the University's Web Recruitment System, where you will need to register an account (if you have not already) and log in before completing the online application form. **Application deadline: 18.03.2016**

Applications should include (electronically) a letter of intent, curriculum vitae, full publication list, copies of degree certificates and transcripts of academic records (all certified), and a list of two persons who may act as references (with phone numbers and e-mail addresses). Publications should be included electronically within the application deadline.

Printed material which cannot be sent electronically should be sent by surface mail to Norwegian University of Life Sciences, Department of Ecology and Natural Resource Management P.O. Box 5003, NO-1432 Ås, within 18.03.2016). Please quote reference number (16/00341).

If it is difficult to judge the applicant's contribution for publications with multiple authors, a short description of the applicant's contribution must be included.

A compulsory contribution of 2% is made to the Norwegian Public Service Pension Fund. A good working environment is characterized by diversity. We encourage qualified candidates to apply, irrespective of gender, physical ability or cultural background. The workplace will if necessary be facilitated for persons with disabilities.

According to the Freedom of Information Act § 25 the list of applicants for this position may be made public irrespective of whether the applicant has requested that his/her name be withheld.

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**Enrich your doctoral degree with a USGS NWCSC-MOSS Science Communication Fellowship**

**Fellowship Announcement**

Doctoral Residency in Science Communication  
USGS Northwest Climate Science Center and UI-CNR McCall Outdoor Science School, McCall, Idaho

_Diversify your skillset and expand your professional network through this integrative fellowship opportunity!_

The Doctoral Residency in Science Communication is a 12-month doctoral fellowship sponsored by the United States Geological Survey Northwest Climate Science Center (USGS NW CSC) and the McCall Outdoor Science School (MOSS), a program of the University of Idaho's College of Natural Resources (UI-CNR). During this residency, the Fellow will live and work at the UI-CNR McCall Field Campus and undertake an immersive program in climate-related science communication through guided study and mentored practice with a cohort of other graduate students. _The Fellow will receive an assistantship of $22,000 plus MOSS tuition and fees._

Elements of the fellowship include:
* Targeted graduate coursework in science communication, place-based education, leadership, and ecology. Coursework will lead to completion of a Graduate Certificate in Place-Based Science, Education and Communication from the University of Idaho.
* Participation in the 2016 USGS Climate Science Boot Camp at McCall, ID.
*Mentored teaching of MS-level graduate students (as a Teaching Assistant).
*Mentored teaching of K-12 students participating in MOSS residential science education programs as a field instructor and guest scientist.
*Opportunities for communicating climate science to various public adult audiences engaged in the MOSS network.
*An integrative approach to combining progress in the Fellow’s ongoing doctoral program with the graduate residency.

A highlight of the program will be assisting in the planning and implementation of the 2017 USGS Climate Science Boot Camp for early career professionals and graduate students to be held at the HJ Andrews Experimental Forest. This provides an opportunity for expanding the scientific and professional network of the Fellow through cohort interactions with graduate students at the University of Idaho, University of Washington and Oregon State University, and through co-learning exercises with early career professionals in federal and state agencies, northwest region Native American tribes, and non-profit organizations. The Boot Camp is an excellent opportunity to apply communication and education strategies developed through the MOSS fellowship.

The ideal candidate will be in the intermediate or final stages of their doctoral program, and pursuing research on a natural or social science aspect of climate change. Fellowship activities will be supervised and mentored by McCall-based UI-CNR faculty in collaboration with the student’s major advisor to ensure that learning and productivity goals are matched with the Fellow’s overall doctoral program. Additional mentorship is available through faculty at the three universities in the NW Climate Science Center network. The start date for the program is August 8, 2016.

To apply, please submit:
1. A statement of career objectives (2-3 pages) that addresses the following:
   a. An overview of your doctoral research, and how it relates to climate change science, mitigation, or adaptation,
   b. How you see this fellowship supporting your personal, academic, and professional goals,
   c. How your personal, academic, and professional experience has prepared you for this fellowship,
   d. Your philosophies on teamwork and community living experience, and
   e. Ideas for how your research could be applied to management, policy or communications.
2. A letter of support (1-2 pages) from your major Ph.D. advisor, explaining:
   a. Their overall assessment of your abilities relating to this fellowship,
   b. Their personal/professional interest (if any) in the goals of this fellowship, and
   c. An acknowledgment that they have read your career objectives statement, and that they support you undertaking this residency program to live and work in McCall.
3. Example of any one professional product that you have developed or co-developed. This product can range from a publication, to a website, to a video, to some other sort of media. Please describe your specific role(s) in developing the product.
4. Your curriculum vita, including the names and contact information of 3 references in addition to your major Ph.D. advisor.

Application materials must be submitted electronically (with the subject line “MOSS/NWCSC Doctoral Fellowship”) to Dr. Lee Vierling (leev@uidaho.edu) by February 15, 2016. Questions may be addressed to Dr. Karla Eitel (keitel@uidaho.edu) or Dr. Teresa Cohn (tcohn@uidaho.edu), the Fellowship faculty leads based in McCall. Fellowship selection will occur by mid-late March.

Additional information about the UI-CNR McCall Field Campus and MOSS can be found at: http://www.uidaho.edu/cnr/moss.
Additional information about the USGS NW CSC Climate Science Center can be found at: https://www.nwclimatescience.org and http://www.doi.gov/csc/northwest/index.cfm.

Alaska EPSCoR (http://www.alaska.edu/epscor/) has limited funding to support RAP student internships summer 2016.
*Funds are for salary only ($4000/internship) and must be spent by June 30, 2016. A one page project report will be due July 31, 2016.
*Preference will be given to applicants from the 2015-2016 cohort who are partnering with tribal entities and who have research goals that align with Alaska EPSCoR goals. Secondary preference will be given to RAP students who have not received previous EPSCoR support.

To apply, please send Mary a 2-page proposal describing your internship (justification, location, collaborators, objectives, methods, deliverables) and indicate if you have other summer funding. We would like successful applicants to locate (i.e. leverage) matching funds to cover remaining summer salary and other logistics (i.e., travel, lodging, supplies), but it is not required. Applications are due March 25, 2016. Awards will be announced in early April 2016.

**Graduate Student Internship Opportunity Summer 2016**

The Human Dimensions Lab at the Water and Environmental Research Center (WERC-HD) is offering financial support in form of stipends for up to two graduate students for out of state internships focused on rural; water, energy or food policy.

To qualify students should have a fully planned internship, demonstrate support from their internship sponsor and support from their primary advisor. Products from the internship will include a short report and a 3-5 minute video documenting what you learned and how it is important to rural policy.

General Information:
Who: Up to two graduate students
What: Internships focused on rural policy
When: Summer 2016
Where: Outside of Alaska
Funding: Up to $7,000

Applications are due 5pm AKDT, March 15th 2016.

Email your application consisting of the following to the WERC-HD lab manager at stnorlin@alaska.edu • Curriculum Vitae
  • Letter of support from primary academic advisor
  • Letter of support from internship sponsor
  • 2-3 page outline describing how proposed internship addresses rural policy

Please direct any questions about this opportunity to Alysa Loring ajloring@alaska.edu or Dr. Philip Loring at ploring@alaska.edu

12/14/15

**GRANT OPPORTUNITIES/SCHOLARSHIPS/OTHER AWARDS**

**Alaska Native Engagement Grants**
Deadline is March 11

Alaska NSF EPSCoR will be awarding two grants of up to $20,000 each to UA faculty, staff, students or affiliates with proposals to actively partner with and engage Alaska’s Native populations, communities, and organizations within the goals of the Alaska EPSCoR program. Proposals are due March 11 and the award period runs from May 1, 2016 - January 31, 2017. More information and application at [http://www.alaska.edu/epscor/](http://www.alaska.edu/epscor/)

**URSA offers awards for innovative ideas**

UAF undergraduate and graduate students, faculty and staff are invited to apply for an Innovative Technology and Education Award of up to $10,000 from the Office of Undergraduate Research and Scholarly Activity.

The awards can be used for technology-related equipment or software associated with student-based instruction or research.
Funds must be spent by June 30, 2016. The **deadline to apply is March 18, 2016**.

For more information, please contact URSA at 907-450-8772 or [https://www.uaf.edu/ursa/](https://www.uaf.edu/ursa/).

**People’s Endowment accepts spring proposals**

The People’s Endowment Board at the University of Alaska Fairbanks is accepting applications for its spring 2016 grants.

The People’s Endowment was created at the University of Alaska Foundation in 1986 to provide money for work that will improve UAF but is likely to remain unfunded by the institution. Proposals are accepted from UAF faculty, staff and students.

The maximum grant amount is $5,000.

**Proposals must be received by 5 p.m., March 1.** Successful recipients will be notified the week of March 21, 2016.


**Alaska EPSCoR announces its Spring 2016 Travel Award competition.**

Alaska EPSCoR is making available at least 5 travel awards of up to $2000/person to University of Alaska affiliated graduate students and early career faculty (early career for this competition are those faculty who are not tenured AND have been hired since July 1, 2012). Travel funds are for domestic travel only(within the United States of America, its Territories and Possessions).

Travel support is for activities occurring between April 15, 2016 and July 31, 2016.

To be considered for funding, please complete the application [https://docs.google.com/a/alaska.edu/forms/d/15w2SrdL3VUczYoRLIPPtav0gPtKM8ta-E8OVfVp24SY/viewform](https://docs.google.com/a/alaska.edu/forms/d/15w2SrdL3VUczYoRLIPPtav0gPtKM8ta-E8OVfVp24SY/viewform) by midnight AKDT February 14, 2016. Decisions for funding will be communicated by March 15, 2016.

**Alaska NSF EPSCoR Seed Grants Application Period Open**

Proposals are being accepted, **due date February 26, 2016**

The Alaska NSF Experimental Program to Stimulate Competitive Research (EPSCoR) is soliciting proposals for seed grants of up to $30,000 from early- and mid-career, full-time faculty members of the University of Alaska system to carry out new and innovative research projects that support the program’s goals. Faculty members who have not previously received EPSCoR funding and wish to collaborate are strongly encouraged to apply.

Projects should address themes relevant to the current Alaska NSF EPSCoR program, which is to enhance Alaska’s research capacity in social-ecological systems science, and to provide the state’s communities with tools and information to respond to changing environments.

For a complete details and the application packet, please visit [http://www.alaska.edu/epscor](http://www.alaska.edu/epscor)

12/28/2015
VOLUNTEERS NEEDED

Dear Scientists,

It is once again science fair time at Barnette Magnet School. I am looking for judges for the morning of March 8th. The judging usually takes 2 - 3 hours, but you are welcome to stay for as short or long a time as works for you. We serve a nice breakfast, have lots of coffee, and provide a fun and rewarding experience! Please let me know if you are interested and available. Also, if you have friends or colleagues who are interested in helping with this great community service project, please pass this email on to them. Thank you so much for your help!

Amy Zacheis
Barnette Magnet School Science Fair Coordinator
ubymarineinc@icloud.com

OTHER

Book club to discuss ‘Fifty Miles from Tomorrow’
The student book club will review “Fifty Miles from Tomorrow,” the autobiography of Alaska Native leader Willie Iggiagruk Hensley, from 7–8 p.m. Tuesday, Feb. 23, in the club conference room in Wood Center.

The discussion will be hosted by the Leadership, Involvement and Volunteer Experience program. The first 12 students can pick up a free copy of the book from the LIVE office in Wood Center. Register for the club discussion online at orgsync or www.uaf.edu/live/. For more information, email uaf-studentorg@alaska.edu

In “Fifty Miles from Tomorrow,” Hensley tells of his life growing up in Northwest Alaska and his role as an advocate for settlement of Alaska Native land claims. The book was a New York Times Book Review editor’s choice after its publication in 2009.

Beginning January 19
Entrepreneurs trying to start or expand a small business may benefit from a series of 11 workshops offered at the Small Business Development Center in Fairbanks and by webinar around the state.

The University of Alaska Fairbanks Cooperative Extension Service and the Alaska Small Business Development Center will host the series, which will also be offered by Web conference at the Anchorage district Extension office. Workshops will be offered from 5:30-7:30 p.m. Tuesdays, except for the Thursday, Jan. 28 session, and will run through April 5.

Extension economic development specialist Kathryn Dodge said the workshops will provide guidance to small business owners on budgeting, bookkeeping, insurance, taxes, payroll, marketing and more. Topics include:

Feb. 16, Living within your means
Feb. 23, Payroll for small businesses
March 8, Interpersonal communications
March 15, Marketing
March 29, Customer service
April 5, Time management

Each class costs $25. Register online at http://bit.ly/ces-workshops. The business development center in Fairbanks is located at 3750 Bonita St., in the Associated General Contractors building, and the Anchorage Extension office is at 1675 C St. Anyone who wishes to connect by desktop may contact Dodge at 907-474-6497 or kdodge@alaska.edu

More details about the classes are available at www.uaf.edu/ces/sbd. Instructors will include accountant Kelly Ward, Grace Becker and Brittany Hale of Hale and Associates, consultant Nadine Winters, Charlie Dexter of the UAF Community and Technical College, and Dodge.

Sponsors include the Fairbanks Economic Development Corp., the Small Business Administration, Robinson and Ward, the Fairbanks Chamber of Commerce and Alaska SCORE, a nonprofit organization dedicated to mentoring small businesses.
Please send suggestions, announcements, etc. to Mary van Muelken, mavanmuelken@alaska.edu