ALL RAP
Thursday, February 18
2:30 – 4:00 pm
Murie Auditorium
Tara Callear and Taylor Stinchcomb

Monday, February 8
4:30 – 5:30 pm
Murie Auditorium
Do salmon sharks affect the abundance of Chinook salmon?
Andrew Seitz, UAF School of Fisheries and Ocean Sciences.
Biomedical and One Health Seminar Series

Tuesday, February 9
7:00 – 8:00 pm
Westmark Fairbanks Gold Room
Science for Alaska Lecture Series
Exploring the subterranean realms of Alaska’s active volcanoes
Jessica Larsen, UAF professor and chair of the GI’s volcanology group
Abstract: Alaska, located along the North Pacific portion of the Ring of Fire, is home to 52 historically active, potentially hazardous, and spectacularly beautiful volcanoes. These not so silent residents of our state produce an astounding diversity in eruption styles; each volcano has a somewhat unique “personality”. In order to monitor, assess hazards, and provide timely and accurate information to the public about our restless volcanoes, we must investigate what happens within the crust of the Earth; a realm hidden from human eyes. In this talk we will observe the region beneath volcanoes, from their deep magmatic roots all the way to the surface of the Earth, and explore some of the reasons why together they exhibit an astounding array of differences in eruption style.

Wednesday, February 10
1:00 - 2:00 pm
Vera Alexander Learning Center, 201 O’Neill
SFOS Fairbanks Fisheries Seminar
Hot topics from the Board of Fisheries
Reed Morisky

Friday, February 12
3:00 – 4:00 pm
Murie Auditorium
Life Sciences Hour
The Biogeochemistry of Drought
Dr. Joshua Schmiel, University of California Santa Barbara

Abstract: The world is dry. Arid climates, droughts, and sporadic rainfall are common and dominate many terrestrial ecosystems. Yet, most of our understanding of the critical processes that occur in soil is based on happily moist soils. Classical biogeochemical models projected that as soils dry, processes should just slow down—less respiration, less nutrient
mineralization. In California, our ecosystems experience a wet winter growing season and then a 6-month or more drought during the summer. Grasses die, some shrubs go dormant—it’s the dying season. But the microbial biomass in the soil increases. So too, does the pool of extractable, bioavailable organic carbon in the soil. As soon as the first rains of winter hit, biomass and extractable carbon actually decrease. Understanding what is going on in these soils as they dry and how this influences the productivity and functioning of the ecosystem remains a puzzle—where does the available carbon come from? Last years dead roots? Release from mineral surfaces? I will discuss what we have learned about these phenomena, and how we integrate the fine scale soil ecology to develop new generations of models that can capture the dry season processes.

About the Speaker: My research sits at the interface of ecosystem and microbial ecology. I am interested in the role of soil microbes in controlling ecosystem scale processes. I am particularly interested in the linkages between plant and soil processes, and how changes in microbial community structure affects ecosystem-scale dynamics. My work is now focusing on three ecosystems: the Arctic tundra in Alaska and Greenland, High elevation ecosystems in the Sierra Nevada, and the California annual grassland-oak savanna.

Work in the Arctic is focused on understanding the dynamics of soil organic matter. The Arctic is important in global climate since there is a lot of C stored in arctic soils and the Arctic is warming faster than the rest of the world. Increased temperatures could cause greater release of C into the atmosphere, producing a positive feedback on global climate. Alternatively, nutrient release from soil organic matter could enhance plant growth, making the Arctic a stronger sink for atmospheric CO2, and producing a negative feedback on climate. Which of these processes is more important depends on the nature of soil organic matter, its bioavailability, and what happens to the nutrients that are made available by decomposition. Within this framework I have projects studying the bioavailability of tundra soil C and N and how that varies throughout the year.

One important piece of understanding the Arctic is winter. Winter is long and cold, but it is not biologically dead. Winter activity accounts for a significant portion of total annual respiration, and may account for all of the annual net C efflux. Nitrogen cycling under the snow may also be important in supplying nitrogen to plants. We actually know very little about the controls on microbial activity in freezing and frozen soils. This project is part of the ATLAS (Arctic Transitions in the Land-Atmosphere System) program; a component of the NSF Polar Programs, Land-Atmosphere-Ice Interactions program. This is a large, interdisciplinary program focused on understanding the Arctic as an integrated system, with strongly interacting physical and biological components.

In California a major program is targeted at understanding the functioning of California annual grassland oak savanna/woodland ecosystems. Within this larger direction, I have two project thrusts. One is focusing on plant soil interactions and how changing plant communities interact with changing soil processes, particular nitrogen cycling. In particular we are interested in the effect of the annual grasses that invaded California starting over 100 years ago. How much of their success is through changing soil conditions? We are working with Dr. Jim Reichman, Eric Seabloom, and Oliver Chadwick on this work. The other thrust is understanding how stress (drying/rewetting) and resource availability through the soil profile regulate microbial diversity, community composition, and community function. This project is basic microbial ecology and includes work using molecular tools to understand the dynamics of specific microbial populations.

3:30 – 5:00 pm
201 Reichardt Bldg
Geoscience Seminar
100 years of Geology In Denali
Denny Kapps, Denali National Park and Preserve

3:30 – 4:30 pm
531 Duckering Building
WERC Seminar
Transport of methane through open taliks in discontinuous permafrost aquifers
Bridget Eckhardt, UAF Water and Environmental Research Center
3:30 – 5:00 pm
214 O'Neill Building (by VCON from Juneau)
Juneau Fisheries Seminar
A tale of two poles: High-latitude ecosystems in a changing climate
Franz Mueter

Saturday, February 13
12:00 – 4:00 pm
UA Museum of the North
Family Day Ice Age

Family Days allow the whole family to connect with museum collections and research. Discover Alaska science, culture, and art, create crafts, try out experiments, meet the experts, and explore galleries.
Explore Alaska’s Ice Age animals and landscapes. Make your own Ice Age art. Ask the experts from the museum's Archaeology, Earth Sciences, and Mammalogy collections!

There is no admission fee for children 14 and under thanks to a grant from Salchuk.

COMING UP
Monday, February 15
4:30 -5:30 pm
Murie Auditorium
Biomedical and One Health Seminar Series
Seafood safety: Paralytic shellfish poisoning
Brian Himelbloom, UAF School of Fisheries and Ocean Sciences

Questions for Temple Grandin due by end of day
QUESTIONS FROM YOU: We will also be asking Temple Grandin 10 questions from the public that will appear in the Daily News-Miner on February 21st. We need the questions by end of day on February 15. Email them to questions4grandin@yahoo.com. Questions can be about her personal or professional journey. Please include your name and where you are from or residing as this will need to be included in the newspaper along with your questions and Temple Grandin's answers.

Website: www.uaf.edu/vmed | www.cnsm.uaf.edu/grandin
Facebook event: https://www.facebook.com/events/1720035941566439/

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-vet-med@alaska.edu

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

ABSTRACTS/PROFESSIONAL DEVELOPMENT

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-c4xlcnjbS8CiWNZxPmRoRHH52d4Jc/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 resources, 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.

The University of Alaska Fairbanks Cooperative Extension Service will host the 12th annual conference at The Lakefront Anchorage at 4800 Spenard Road. See agenda and registration information at http://bit.ly/sareconf

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.
Now is the time to register for the 2016 Arctic Science Summit Week, Arctic Observing Summit and the International Arctic Assembly Day. Register by 20 December 2015 and save money. Online registration closes 12 February 2016. https://assw2016.org/register
Interactive Program Now Online https://assw2016.org/assw-program
The schedule for ASSW, AOS, side meetings and related events is developing rapidly.

INTERNSHIPS/FELLOWSHIPS/ EMPLOYMENT

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.

Alaska Sea Grant is accepting fellowship applications from graduate students seeking experience in Alaska marine resources and policy.

The program matches recently or nearly finished graduate students with a 12-month professional job opportunity supporting healthy Alaska coastal communities and the marine environment.

“The Alaska Sea Grant State Fellowship Program supports some of our brightest students as they launch their careers in Alaska, where we hope they will stay for many years to come,” said Paula Cullenberg, Alaska Sea Grant director. “Our first two Alaska Sea Grant Fellows began this year. Both are gaining valuable professional experience while contributing to marine policy and management in Alaska.”

This year, five marine resource agencies have expressed interest in supporting an Alaska Sea Grant fellow: the National Marine Fisheries Service, the Bureau of Ocean Energy Management, the North Pacific Research Board, the National Park Service and the State of Alaska’s Division of Geological and Geophysical Surveys.
Applications will be accepted through Feb. 12. Alaska Sea Grant will select finalists and assignments will be decided in consultation with potential fellowship hosts.

For applications, guidelines and host position descriptions, go to alaskaseagrant.org/research/state-fellowship.

ADDITIONAL CONTACTS: Ginny Eckert, 907-786-5450, ginny.eckert@alaska.edu; Michele Frandsen, 907-474-7088, michele.frandsen@alaska.edu
1/18/16

Alaska INBRE is pleased to announce the solicitation for the 2016-17 Graduate Research Assistantships. To apply, visit http://www.alaska.edu/inbre/opportunities/graduate-research-assista/

The Alaska IDeA Network of Biomedical Research Excellence (INBRE) is supported by a grant from the National Institutes of Health. The primary objective of Alaska INBRE Graduate Research Assistantship program is to provide support for projects in the biomedical sciences with mentorship from UAF, UAA, or UAS faculty involved in biomedical research. Graduate students funded through this program will gain valuable experience in designing, conducting and reporting biomedical research and training in scientific method, scientific writing, and preparation of theses, manuscripts, reports and presentations. Ten (10) Graduate Research Assistantships will be awarded each academic year.

Applicants must be full-time graduate students currently enrolled in Ph.D. or Master’s Degree programs at UAF, UAA, or UAS in good academic standing (min. 3.0 GPA). Applicants are expected to have formed a graduate advisory committee and filed a graduate study plan. If they have not done so yet, they must explain the reason (e.g. new student status).

Graduate Research Assistants (GRAs) may receive up to 12 months of award payments, tuition support (up to 9 credit hours per semester) for the fall and spring academic semesters, and graduate student health care insurance. The award is for 20 hours a week in the fall and spring and 40 hours a week in the summer. Pay will be provided at the appropriate research assistantship level for the applicant’s degree status.

Applications are due February 15, 2016.

For information about this opportunity, please contact Barbara Taylor, INBRE Research Training Core Lead at betaylor@alaska.edu
1/11/16

The University of Maine Department of Wildlife, Fisheries, and Conservation Biology
ASSISTANT PROFESSOR OF HUMAN DIMENSIONS OF WILDLIFE CONSERVATION

RESPONSIBILITIES: This is a full-time (9 month/academic-year) tenure-track position in the Department of Wildlife, Fisheries, and Conservation Biology.

The candidate will develop a research and teaching program on the social science realm of fish, wildlife and habitat conservation. Candidates who can effectively bring social science tools to interdisciplinary research teams addressing emerging questions with local to global significance will be most competitive. An empirical component to research on the human dimensions of wildlife conservation and the policy aspects of wildlife and fisheries conservation as conducted by state and federal agencies, non-governmental organizations, and private landowners is desired. Knowledge of and willingness to research and teach about conservation and recovery of endangered species and habitats in the context of federal and state legislation and multiple stakeholder objectives is also desirable but not required.

The candidate will be expected to develop an extramurally supported research program that is relevant to Maine and the northeastern U.S. and which is informed and recognized by researchers both nationally and internationally. We are
especially interested in applicants who apply innovative approaches in research and teaching that will complement the Department’s current strengths and foster integrative approaches to solving complex problems. Collaborations with other scientists, governmental agencies, non-governmental organizations, and with private landowners are expected. The faculty appointment is 50% research and 50% teaching; teaching responsibilities will include primary responsibility for two senior-level courses: Human Dimensions of Fisheries and Wildlife Conservation (3 credits) and Wildlife Policy and Administration (3 credits). In addition, the candidate will be expected to teach an upper-level Endangered Species course (3 credits) and a graduate course in a relevant field of expertise in alternate years. This results in a three-course (up to 9 credit hours) annual teaching assignment plus undergraduate advising in academics and research. The faculty member is expected to have a strong interest in education, to advise and mentor undergraduate students, and to recruit and train graduate students, as well as serve on departmental, college, and university committees, be active in professional societies, and be committed to the Land Grant University missions of teaching, research, outreach, and public service. As such, the candidate will be expected to develop an approved research project and to hold a faculty appointment in the Maine Agricultural and Forest Experiment Station.

QUALIFICATIONS: A Ph.D. is required by date of hire in a relevant discipline along with significant training and research experience in the application of social sciences to natural resources management, especially fish and wildlife.

A proven track record of conducting high-quality scientific research, as evidenced by publications in peer-reviewed journals, is required. Other evaluated measures of potential for success, such as prior success in obtaining funding, college level instruction, professional presentations, mentoring, and track record of interdisciplinary collaboration.

TO APPLY: Materials must be submitted electronically through the Employment at UMaine website – https://umaine.hiretouch.com/applicant-login?jobID=31974. You will need to create a profile and application including a 1) cover letter, 2) curriculum vitae, 3) statements of teaching and research interests, 4) details of post-secondary course work (copies of transcripts or other listing), and 5) a list of six potential references including contact information and professional affiliation. Review of applications will begin February 15, 2016, and will continue until the position is filled. Incomplete applications cannot be considered.

Questions regarding the position should be sent to: Dr. Aram Calhoun, Chair of the Search Committee, wlefacultysearch@maine.edu with subject heading “Human Dimensions of Wildlife Conservation Search.”

The Biomedical Learning and Student Training (BLaST) program invites proposals for graduate mentoring research assistantships to enhance undergraduate mentoring in biomedical research. Graduate students at all participating institutions (UAF, UAS, and Ilisagvik) with interest in biomedical research are eligible to apply. We anticipate supporting up to 12 graduate students from this solicitation.

The overarching goal of BLaST is to enhance undergraduate training and mentoring in biomedical research through increased diversity of students, increased integration of research and teaching, and enhanced integration of rural campuses into a cohesive biomedical community in Alaska. Funding priority will be assigned to projects that directly enhance undergraduate student training and mentoring in biomedical research with a special emphasis on students from/in rural Alaska and health-related issues germane to the concerns of rural Alaskans. Eligible projects may be on-going graduate work or new projects that will start in Fall 2016. Based on these priorities the following criteria will be used for evaluating proposals:

1) scientific merit based on significance, innovation, and approach;
2) research training opportunities for undergraduate students;
3) biomedical or One Health relevance;
4) academic preparation of applicant;
5) mentoring experience and philosophy.
Additional preference will be given to projects that involve rural communities. The funding will cover tuition, fees, and a research assistantship for a one-year period, Fall, Spring & Summer for the 2016/17 academic year. Award recipients are expected to involve at least one undergraduate student in their project and mentor them in research throughout the award period.

Applications are due February 15, 2016
12/21/15

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 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
by midnight AKDT February 14, 2016. Decisions for funding will be communicated by March 15, 2016.

Attention all (yes, all!) Alaska National Park education and research staff. The Murie Science and Learning Center has new grants available to support your science projects and outreach programs. We are accepting applications for both from now until February 15, 2016.
**MSLC Science Education Grants:** These grants provide financial support for projects and programs that engage Alaska national park locals and visitors with park science. Previously called “Microgrants” the MSLC Science Education Grants are now available to applicants from all Alaska national parks, rather than northern parks only. Even more than in previous years, in 2016 we particularly encourage projects that serve youth of ages 5-25. [http://www.nps.gov/rlc/murie/microgrants.htm](http://www.nps.gov/rlc/murie/microgrants.htm)

**MSLC Research Grants:** New in 2016, we are pleased to offer financial support for one or two large research projects per year that increase the profile of park sciences and engage the public in new manners. The research can take place in any Alaska national park. The PI must work for the park service, but projects that engage or employ students and that forge partnerships are encouraged. This grant program is replacing the MSLC Program of Research Fellowships. Projects must be completed within two years and the total request cannot exceed $20,000. [http://www.nps.gov/rlc/murie/research-grants.htm](http://www.nps.gov/rlc/murie/research-grants.htm)

The UAF Scholarship deadline is February 15, 2016. Apply for scholarships through UAOnline [http://uaonline.alaska.edu](http://uaonline.alaska.edu) Go to Student Services and click on Scholarships then follow the step-by-step instructions to apply for most scholarships available at UAF.

**Alaska NSF EPSCoR Seed Grants Application Period OpenProposals 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

**OTHER**

**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. 9, Credit/debt management
- 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