Monday, February 1
4:30 – 5:30 pm
Murie Auditorium
Biomedical and One Health Seminar Series
BLaST Blitz
Today's seminar features graduate students talking about their BLaST-funded research.

Tuesday, February 2
1:00 -2:30 pm
Murie 130
Monthly Mentoring Discussion Group
Conflict Resolution
For more information
Sarah Hayes 474-7118 or shays@alaska.edu or Lori Gildhaus 474-5788 or lagildhsus@alaska.edu

4:00 5:00 pm
201 Reichardt
Finding Chemistry Connecting Arctic Research: New directions at ARCUS
Robert H. Rich, Ph.D., CAE, Director of ARCUS (Arctic Research Consortium of the United States)

Abstract:
The Arctic Research Consortium of the United States (ARCUS) is the not-for-profit membership organization that connects Arctic research across institutional, disciplinary, and national boundaries. ARCUS brings together volunteer leadership and an experienced staff to provide valuable programs and services for the Arctic research community through communication, coordination, and collaboration. This presentation will review the core ARCUS offerings and highlight new innovations. It will discuss current issues facing Arctic research in Washington, DC and introduce how ARCUS is working to address them. Also, possibilities and strategies for Arctic students and postdocs to pursue a career in not-for-profit management will be addressed.

Robert H. Rich, Ph.D., CAE is the Executive Director of the Arctic Research Consortium of the United States (ARCUS). He has devoted his career to scientific association leadership, connecting researchers from many disciplines, institutions, and countries with the resources needed to succeed. He’s previously worked in professional development, science policy, research grants, member services, volunteer support, and strategy at the American Association for the Advancement of Science and the American Chemical Society. Bob is actively involved in the association community and in national and global science conversations, where he shares and supports the important work of Arctic researchers. He holds a B.S. from M.I.T., a Masters from Harvard, and a Ph.D. from the University of California, Berkeley, all in chemistry. As a researcher, he studied the interactions of small molecules with enzymes and other proteins at the National Institutes of Health. Now, he supports the interactions of small and large research groups to work together to create substantial results. He has presented in many professional venues on strategy, association leadership, career development, grantsmanship, Arctic research issues, and chemistry.

7:00 – 8:00 pm
Westmark Fairbanks Gold Room
Science for Alaska Lecture Series
Tsunamis: How Nature keeps surprising scientists
Elena Suleimani, Research Analyst at the Geophysical Institute, UAF.

Abstract: The two shocking tsunami disasters of the 21st century have forever changed the definition of the word "tsunami". Its meaning was elevated in destructive power from just an infrequent, though potentially dangerous natural phenomenon, to one capable of inflicting hundreds of thousands of fatalities and reaching every coastline on earth. While the unrealized geophysical hazard was the major reason for the absence of a tsunami warning system and tsunami education in the Indian Ocean region and, as a result, the incomprehensible number of fatalities in 2004, the major cause of the high casualty rate in the 2011 Tohoku tsunami was failure to evacuate. The shift in paradigm caused by the tragic lessons learned from these recent catastrophic tsunamis is now used to reduce the potential damage and fatalities from future disasters.

About the speaker: Elena Suleimani holds a B.S. Degree in Radiophysics and Electronics from the Gorky State University, Russia, a M.S. degree in Physical Oceanography from the University of Alaska Fairbanks, and Ph.D. in Geophysics from the University of Alaska Fairbanks. She has studied nonlinear dynamics of tsunami waves at the Institute of Applied Physics of the Russian Academy of Sciences, and later numerical modeling of tsunami waves at the Institute of Marine Sciences at the University of Alaska Fairbanks. Elena is currently a Research Analyst at the Geophysical Institute in Fairbanks and is working on tsunami inundation mapping for Alaska coastal communities.

Wednesday, February 3
1:00 -2:00 pm
Vera Alexander Learning Center, 201 O’Neill
SFOS Fairbanks Fisheries Seminar
Beluga whale distribution, migration, and behavior in a changing Pacific Arctic
Donna Hauser.

Thursday, February 4
12:00 -1:00 pm
417 Akasofu (IARC)
IARC's Research (Lunch) Salon Series
The Integration of scientific research with real-time emergency response: Collaboration that saves lives, internationally and in the Arctic.
Helen Campbell, moderator
The IARC Research Salons will be mind-opening intellectual discussions and community of practice building interactions moderated by an inspiring IARC member or visiting scholar. We will start with three to four 10 minute presentations by the panelists and end with 30 minutes of collaborative discussion. Coffee and tea will be served. Bring your quiet lunch.
***Mark you calendars: Next month's IARC Research Salon will be 24 March 2016, 12:00-1:00pm in Akasofu 401.

1:10 pm
402 Bunnell Building
Anthropology Seminar
Fishery dependent communities in coastal Alaska: Salmon, people, and place
Davin Holen, Ph.D. candidate, UAF Department of Anthropology, and assistant professor, School of Fisheries and Ocean Sciences.

Friday, February 5
12:00 -1:00 pm
Vera Alexander Learning Center, 201 O’Neill Bldg
SFOS Ph.D. defense
Molecules to marinescapes: The characterization of microbial life in the Arctic Ocean
Brandon Hassett, Ph.D. Marine Biology candidate.
3:00 – 4:00 pm
Murie Auditorium
Life Sciences Hour
The Role of Cosmology and the ‘Unknown’ in your research: From Alexander v. Humboldt and Jane Goodall to the lab, Mother Earth, Climate Change and Global Sustainability
Falk Huettmann, Associate Professor of Wildlife Ecology. Institute of Arctic Biology, Department of Biology and Wildlife, University of Alaska Fairbanks.

Abstract:
Many world-famous researchers encountered soon or later ‘the deep unknown.’ While only a few of such investigators turned to religion, many posed questions about the wider universe, the origin of life and death, and way beyond that. Here I am presenting such details, and try to make a connection how it links with ‘pragmatic’ and real-world applied research that most of us engage in these days.

While the Yeti, ghosts, shamans, UFOs and the ‘Cloudbuster’ will be mentioned, I will also show that the n-to-n body problem poses many tough questions for us, and so do neutrinos, black holes, re-incarnation, non-christian religions and the GAIA theory. Other subjects featured in this presentation deal with ‘Gonzo Science,’ the moons and comets, calendars, big bangs, deep earth, evolution, taxonomic monopolies, the DNA, perceived human limits, lack of independence in statistical samples, the 95% confidence trick in statistics, indigenous worldviews for an effective Earth Stewardship, and why in good science “1+1 is usually not 2.”

This talk will conclude with some new views and best procedures to acknowledge the ‘real’ uncertainty inherent in the universe and how to address such things in ‘modern’ science and for global sustainability and governance.

About the speaker: Falk is a globally working faculty member with the University of Alaska Fairbanks (UAF); Institute of Arctic Biology, Biology & Wildlife Department. He has published over 160 peer-reviewed publications in the international literature, including 6 books and over 1,000 digital datasets and metadata in various publicly available webportals. His research deals primarily with Wildlife Ecology and Habitat conservation questions, using Open Access, Open Source, Geographic Information Systems (GIS), Machine Learning and Ecological Economics. His study species include Snow Leopard, Pallas Cat, Siberian Crane and thousands of other model-predicted species in Central America, Africa, Asia, Madagascar, Alaska and the oceans.

3:30 – 4:30 pm
531 Duckering Building
WERC Seminar
Compositional analysis of fine particulate matter in Fairbanks, Alaska
Kristian Nattinger, graduate student, UAF Department of Chemistry and Biochemistry, and UAF Geophysical Institute.

5:00 pm
Proposal deadline - Global Change Student Research Grant Competition
Find information and guidelines at http://www.cgc.uaf.edu/student_grant/

Saturday, February 6
9:00 am - 5:00 pm
Wood Center Ballroom
Alaska Alpine Club Annual Gear Swap
Members from the local community bring in quality used outdoor gear to sell at the swap.

COMING UP
Monday, February 9
4:30 - 5:30 pm
Murie Auditorium  
Biomedical and One Health Seminar Series  
Do salmon sharks affect the abundance of Chinook salmon?  
Andrew Seitz, UAF School of Fisheries and Ocean Sciences

**Thursday, February 11**
2:00 - 5:00 pm  
Murie Auditorium  
Graduate Student Writing Workshop  
Dr. Joshua Schimel, University of California Santa Barbara  

Dr. Schimel is the author of the excellent book, "Writing Science". Capacity for the workshop is limited, so we're requesting that students RSVP. If we exceed the limit of 30, we'll go to a lottery system to determine who can attend. If there's extra space, we'll open it up to postdocs. Please RSVP to Pauline Thomas pthomas10@alaska.edu by Thursday, Feb. 4, if you're interested in attending the writing workshop.

**ABSTRACTS/PROFESSIONAL DEVELOPMENT**

**Santa Fe Institute 2016 Global Sustainability Summer School on Urban Sustainability**

We are pleased to announce our 2016 Global Sustainability Summer School on Urban Sustainability. Below is some information about the 2016 GSSS, including the fast-approaching February 23 application deadline. We have an awesome speaker list which you can find here. [http://santafe.edu/education/schools/global-sustainability/](http://santafe.edu/education/schools/global-sustainability/)

**APPLICATION DETAILS**

About: The GSSS provides an intensive two-week program on urban sustainability. This school is available for postdoctoral fellows, graduate students, scientists, policy makers, and business professionals. The school is for participants who seek background and hands-on experience to help them prepare to conduct interdisciplinary research in areas related to urban sustainability.

Economic growth and human development are properties of urbanizing human societies. But cities also concentrate most of the world’s human population and the strongest challenges to local and global sustainability, related to increased resource consumption, pollution, wastes, and many forms of impact on biodiversity, both within and beyond urban areas. Thus, it is often said that the battle for sustainable development will be won or lost in cities.

The Global Sustainability Summer School 2016 will be focused on cities, urbanization and their connection to problems of global sustainability.

The school is organized around a set of interdisciplinary, cutting-edge lectures and discussions that will focus on many interdependent aspects of cities, starting with the nature of their social and economic networks and their role in economic growth and human development, their demands on resource consumption and the characteristics of new technologies that may shift the balance between the benefits and impacts of development. The school will provide an empirically-based assessment of the challenges to sustainability connected to cities and create an integrated view of what it would take for emerging scientific perspectives and new technologies to solve the issue of sustainable development of human societies.

**Application Deadline: Feb. 23, 2016**
Who is Eligible: This school is available for postdoctoral fellows, graduate students, scientists, policy makers, and business professionals in any discipline. Proficiency in English is required.

Date of Program: July 25 - August 5, 2016

APPLY NOW HERE http://santafe.edu/education/schools/global-sustainability/2016-program-info/

For further information about the program, please e-mail education@santafe.edu or visit our website.

Arctic Research Consortium of the United States
Call for Workshop Applications: Make an Impact Workshop at Arctic Science Summit Week 2016

Call for Workshop Applications: Make an Impact Workshop at Arctic Science Summit Week 2016
13-15 March 2016
Fairbanks, Alaska

Application deadline: Monday, 1 February 2016.

If ARCUS members need more time to complete an application, please email Sarah Bartholow (sbartholow@arcus.org) before the deadline. For more information, go to: https://www.arcus.org/tac

For questions, please contact: Sarah Bartholow (ARCUS) Email: sbartholow@arcus.org

Dear ARCUS Member,

ARCUS is seeking:

Educators who currently teach in Alaskan Arctic communities with experience or interest in incorporating local Arctic research into their teaching through citizen-science and community based monitoring.

Researchers who conduct funded research in the Alaskan Arctic with experience or interest using citizen-science practices as a method to expose teachers, students, and local communities to Arctic research.

The Arctic in the Classroom (TAC) program is currently accepting applications from teachers and researchers for participation in the 'Make an Impact Workshop," the TAC kickoff event, which will take place 13-15 March 2016 during the Arctic Science Summit Week (ASSW) in Fairbanks, Alaska.

Travel, accommodations, and ASSW registration expenses are covered for workshop participants. Participants are also awarded the opportunity for continued support within The Arctic in the Classroom program. Registration is now open for teachers and researchers. There are approximately 15 spots available. Registration closes on 1 February 2016.

TAC aims to bring together the best practices in facilitating successful citizen-science projects and community-based monitoring to support the collaboration of students, teachers, and researchers in arctic communities.

Support for this program is provided by the Arctic Research Consortium of the U.S. (ARCUS) and applicable community service payments from federal court settlements.

To learn more about The Arctic In the Classroom Program, please visit: https://www.arcus.org/tac

Further Workshop Information is available at: https://www.arcus.org/tac/2016-workshop

For questions, please contact: Sarah Bartholow (ARCUS) sbartholow@arcus.org
Thank you very much for your support of ARCUS and Arctic research.

Best Regards,
Bob Rich

Robert H. Rich, Ph.D., CAE  
Executive Director  
Arctic Research Consortium of the United States (ARCUS)G

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.

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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. 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.

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**INTERNSHIPS/FELLOWSHIPS/ EMPLOYMENT**

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
Postdoctoral fellow at Department of Ecology and Natural Resource Management – Ref.no. 15/05016

The Department of Ecology and Natural Resource Management (INA) at the Norwegian University of Life Sciences (NMBU) has a vacant two-year postdoctoral–position

The 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 approximately 370 students and about 50 PhD-students. The employees of the department are active in their areas of expertise, both nationally and internationally and have a high production of scientific papers. For more information, see http://www.nmbu.no/ina-en/

Research Project
The position is financed by NMBU, and shall be relevant for at least one of the thematic prioritized areas of INA.
INA has given priority to the following areas:
Ecosystem services - processes, resource efficiency, conflicts and possibilities
Climate change - effects, mitigation and adaptations
Renewable energy - potential and environmental effects
Land use - possibilities and effects

Main tasks
The postdoctoral fellow shall work on a project that is relevant for at least one of the thematic areas of INA. She/he will participate actively in a research group attached to the project. A crucial task will be to publish papers originating from the project.

The application shall include a project description, including the scientific background of the project, research questions, methodology, a tentative list of publications, and a progress plan. The applicant must establish contact with at least one of the senior scientific staff at INA (researcher, associate professor, professor). This staff will be responsible for scientific supervision of the candidate that is employed.

Academic Qualifications
Recently obtained PhD within a relevant scientific area. Candidates must have submitted the PhD dissertation by April 30 2016. Dissertation and defense must be approved before the project starts.
Strong annual publication record
Documented and solid methodological competence
The main purpose of the post-doctoral position is to qualify for work in a scientific position

Desired personal qualities
High work capacity
Ability to initiate and complete projects
Collaborative, including ability to establish contacts, develop network and cooperate with different persons
Result-oriented and motivated

NMBU offers:
A positive and proactive academic institution, emphasizing professional development and competence, and with strong research and dissemination records.
An interdisciplinary and inclusive environment that provides exciting research and development opportunities.
Various welfare schemes

Remuneration
The position is placed in government pay scale position code 1352 Postdoctoral Fellow, wage framework 24 (salary grade 57-65), depending on qualifications. Seniority Promotion in position.

Further information
For further information, please contact Head of Department, professor Sjur Baardsen
E-mail: sjur.baardsen@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: February 7th, 2016

Key publications
Up to ten publications selected by the applicant as most relevant should be attached to the application. If it is difficult to identify the contribution of the applicant in multiple-author publications, a short explanation about the applicant's part of the work should be attached. Printed material not available electronically should be sent by surface mail to Norwegian University of Life Sciences, Department of (name), P.O. Box 5003, NO-1432 Ås, within June 25, 2014. Please quote reference number (15/05016).

Verified testimonies, certificates
Applicants invited for an interview will be asked to present confirmed copies of diplomas and certificates.

The position follows the Norwegian government pay scale 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.

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

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**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 Sam Norlin at stnorlin@alaska.edu or Dr. Philip Loring at ploring@alaska.edu
12/14/15

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**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.
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 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)

**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:
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<th>Date</th>
<th>Topic</th>
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<tr>
<td>Jan. 19</td>
<td>Choosing a bookkeeping program/best practices</td>
</tr>
<tr>
<td>Jan. 26</td>
<td>Business insurance for small businesses</td>
</tr>
<tr>
<td>Jan. 28</td>
<td>Taxes for commission-based workers</td>
</tr>
<tr>
<td>Feb. 2</td>
<td>Budgeting/cash-flow planning</td>
</tr>
<tr>
<td>Feb. 9</td>
<td>Credit/debt management</td>
</tr>
<tr>
<td>Feb. 16</td>
<td>Living within your means</td>
</tr>
<tr>
<td>Feb. 23</td>
<td>Payroll for small businesses</td>
</tr>
<tr>
<td>March 8</td>
<td>Interpersonal communications</td>
</tr>
<tr>
<td>March 15</td>
<td>Marketing</td>
</tr>
<tr>
<td>March 29</td>
<td>Customer service</td>
</tr>
<tr>
<td>April 5</td>
<td>Time management</td>
</tr>
</tbody>
</table>

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