Weekly RAP January 19, 2015

**Tuesday, January 20**
7:00 - 8:00 pm  
Westmark Gold Room, 813 Noble Street  
Science for Alaska Lecture Series 2015, sponsored by the UAF Geophysical Institute and Alaska EPSCoR  
Weird stuff you ought to know about snow  
Matthew Sturm, Geophysical Institute  
Presentations are free and family-friendly. See http://gi.alaska.edu/PublicInformation/SFALS2015

**Wednesday, January 21**
10:00 - 11:00 am  
Alaska Fire Science Consortium Webinar  
REDapp Fire Behavior Calculator: A new tool for Alaska & Great Lakes fire management agencies?  
Neal McLoughlin, Alberta Environment and Sustainable Resource Development, Edmonton, Alberta  
Webinar URL: https://attendee.gotowebinar.com/register/6423387975044051714

5:30 – 6:30 pm  
Schaible Auditorium, Bunnell Building  
UAF Research Showcase: Introduction to Research and Creative Scholarship at UAF  
To the ends of the Earth: Three decades of Antarctic expeditions  
Michael Castellini, Associate Dean of the Graduate School  
This series is sponsored by the Undergraduate Research & Scholarly Activity (URSA) office. Presentations are intended for a general audience and all are welcome.

**Thursday, January 22**
6:00 - 7:00 pm  
UA Museum of the North  
Museum Discovery Series  
Unveiling Alaska dinosaurs: Discoveries and insights into ancient life in the Arctic  
Pat Druckenmiller, Curator of Earth Sciences, UAMN  
Part of the Museum Discovery Series, a series of free interactive programs that feature specimens and discoveries from UAMN’s collections. Museum opens at 5:30 p.m. and program starts at 6 p.m

**Friday, January 23**
12:00 - 1:00 pm  
351 Akasofu Bldg (IARC), National Weather Service Conference Room or webinar  
National Weather Service and the Alaska Center for Climate Assessment and Policy (ACCAP) Webinar  
January 2015 National Weather Service Alaska climate forecast briefing  
Rick Thoman, National Weather Service  
For information and online access registration see https://accap.uaf.edu/NWS_Briefings

3:00 -4:00 pm  
Murie Auditorium, 104 Murie Building  
Life Sciences Seminar Series, sponsored by the Institute of Arctic Biology and the Department of Biology & Wildlife
Landscape, permafrost, and social change in the Prudhoe Bay region, Alaska
Donald "Skip" Walker, Martha Raynolds and Marcel Buchhorn, Institute of Arctic Biology; Mikhail Kanevskiy, Water and Environmental Research Center; and Yuri Shur, Dept. of Civil and Environmental Engineering

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

5:00 -7:00 pm
UAF Fine Arts Complex, Room 313
Unintended Stories...
BFA Thesis Exhibition, Mariah Henderson

Sunday, January 25
2:00 pm
Noel Wien Library, 1215 Cowles St.
UA Museum of the North and Noel Wien Library Arctic Whales
Discover whales with a museum educator, then watch UAMN's new animated film "Arctic Currents: A Year in the Life of the Bowhead Whale"

Coming up
Monday, January 26
9:00 -10:30 am
Davis concert Hall
Green Dot bystander intervention program overview
We all have a responsibility for making sure everyone feels safe and welcome on any of our UAF campuses. One way you can help is to participate in the upcoming Green Dot bystander intervention presentation. The program is built on the premise that we can measurably and systematically reduce violence in our communities. Green Dot founder Dorothy Edwards will present an overview of the Green Dot program (https://www.livethegreendot.com/) to staff, faculty, students and the community from 9–10:30 a.m. on Monday, Jan. 26, in the Davis Concert Hall.

Implementing the Green Dot strategy across the UAF campuses is the next step in helping ensure a safe campus community. The program also provides training on specific violence prevention strategies for dealing with interpersonal violence or helping others who are experiencing it. The four-day training for interested students, staff and faculty will take place Jan. 26-29. There are a few spots left, so please consider participating. For more information regarding the upcoming training please contact the Green Dot Steering Committee Chair, UAFPD police chief Keith Mallard at 474-7721 or kmallard@alaska.edu

ABSTRACTS/MEETINGS/WORKSHOPS/PROFESSIONAL DEVELOPMENT
INTERNERSHIPS/FELLOWSHIPS/ EMPLOYMENT

Assistant Professor Tenure-track Position  
First Nations Studies Department  
College of Arts, Social and Health Sciences  
University of Northern British Columbia

The University of Northern British Columbia, in conjunction with the First Nations Studies Department, invites applications for an Assistant Professor (tenure-track position) with an anticipated start date of July 1, 2015. The First Nations Studies Department offers an interdisciplinary program that includes contemporary issues, health, gender, governance, traditional ecological knowledge, languages and culture, spirituality, art and material culture, and community research. The Department seeks applicants with demonstrated research and teaching success within First Nations Studies. The successful candidate will possess the knowledge and experience necessary to teach undergraduate and graduate courses as well as supervise graduate students. The successful candidate will contribute to the First Nations Studies Department mandate to foster understanding of the diversity and strengths of Aboriginal peoples in Canada and abroad. Experience working or living in an Aboriginal community and the ability to speak an Aboriginal language are considered assets. The ability to work collaboratively across one or more disciplines is also considered an asset.

Applicants must have a PhD in a relative discipline, or have completed all the components of a PhD, prior to the start date of July 1, 2015. Applications received on or before February 27, 2015, will receive full consideration; however applications will be accepted until the position is filled.

Applicants should include a letter indicating potential contributions to the department, curriculum vitae, one sample of scholarly work, and the names and addresses of three references (including telephone, fax, and email information) quoting competition # FAFN24-14 to: The Office of the Provost, University of Northern British Columbia, 3333 University Way, Prince George, B.C., V2N 4Z9. Fax: (250) 960-5791. Please direct inquiries to: Dr. Ross Hoffman, Chair of the First Nations Studies Department, at Telephone (250) 960-5242, Email hoffmanr@unbc.ca. This position is being advertised subject to budgetary approval. Electronic submissions of CVs can be forwarded to: FacultyRecruitment@unbc.ca.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Northern British Columbia is committed to employment equity and encourages applications from women, Aboriginal peoples, persons with disabilities and members of visible minorities.

The University of Northern British Columbia is ranked as one of Canada’s best small research universities with a core campus in Prince George and regional campuses throughout northern BC. UNBC has long established partnerships with many First Nations Bands and Tribal Councils. There is a strong support system for students, including the First Nations Centre, an innovative Peer Support Network, the Northern Advancement Program and other academic and cultural bridging programs. Currently there are over 3500 students enrolled in more than 40 undergraduate and graduate UNBC degree programs throughout northern BC. For more information on the First Nations Studies Department, please visit http://www.unbc.ca/firstnations/.

The NPS Climate Change Response Program and the University of Washington are pleased to announce paid summer internship positions related to climate change in national parks. Eligible students are highly accomplished graduate students and upper-level undergraduates (juniors and seniors). Interns must be US citizens or nationals, and be enrolled in a graduate or undergraduate degree program.
Twelve positions are offered in parks and program offices around the country for the summer of 2015. Applications will be accepted until late January.

For further information, list of available positions, and application directions please see the attached announcement and visit the program website: parksclimateinterns.org
http://www.sesync.org/opportunities/sesync-lter-synthesis-postdoctoral-fellowships

The National Socio-Environmental Synthesis Center (SESYNC), in collaboration with NSF’s Long Term Ecological Research (LTER) program, invites applications for two-year Postdoctoral Synthesis Fellowships that will begin August 5, 2015. http://www.sesync.org/opportunities/sesync-lter-synthesis-postdoctoral-fellowships

Synthesis is a research approach that accelerates knowledge by distilling or integrating existing data, ideas, theories, and methods to draw more reliable or generalizable conclusions and to reveal novel areas of study. Synthesis often involves merging large or heterogeneous data sets from multiple sources, researchers, or fields of inquiry, as well as critical analysis in evaluating arguments and interpreting evidence. It can employ a diverse array of theoretical and methodological approaches (e.g., statistical/mathematical, structured case studies comparison, scenario studies, game theory, organizational theory, simulation/computational modeling).

Synthesis of long-term data sets, on-going experiments, and model results is an important goal of NSF’s LTER program. These syntheses can provide new research findings, derived data sets, and new models that establish future research directions and guide the development of environmental policy. The 25 current LTER projects collect long-term data in five core areas, and these are among the topics ripe for data discovery, analysis, visualization, and synthesis by SESYNC–LTER Postdoctoral Synthesis Fellows. A key element of successful Postdoctoral Fellowship applications will be the identification of specific research questions and how they will be addressed using synthesis methods with these data. Applications should identify the sources and accessibility of existing data and the theoretical and analytical methods to be used. Prospective Fellows should not propose projects that require collection of new data.

Fellowships will engage and assist early-career investigators in the use and analysis of existing long-term data and in advanced computational methods to ask new questions and initiate new research collaborations. Fellows will identify long-term datasets that form the foundation for these syntheses. These must involve LTER data, but applicants are encouraged to include additional long-term data collected for projects outside of the LTER network as well. Proposed projects can focus on ecological or interdisciplinary questions. All types of projects may be proposed, including those that synthesize data across LTER sites and those that synthesize natural and social science data.

Preliminary Screening
Interested applicants must first submit a pre-screening application. To be eligible for the Fellowship, prospective Fellows must have received their PhD in an appropriate discipline (e.g., ecology, ecosystem science, statistics) within the past five years: no earlier than June 1, 2010, and no later than June 1, 2015. If the applicant has not received his or her PhD at the time of submission, a letter from their graduate advisor or a committee member must be included. The letter should verify expectations for date of degree completion. Candidates who are offered a fellowship but do not complete their PhD by June 1, 2015, will have to reapply.

Fellowships are open to recent PhD recipients who are citizens of the United States.

To submit a pre-screening application, please go to www.sesync.org/forms/sesync-lter-synthesis-postdoctoral-fellowships. Applicants must include a CV. If the applicant has not yet received his or her PhD, a verification letter must be included as described above.

Pre-screening applications are due February 2, 2015, 5 p.m. Eastern Standard Time (EST) but will be accepted on a rolling basis before then.
Please contact:
The Fulbright Arctic Initiative
*The Fulbright Arctic Initiative seeks to create a network to stimulate international scientific collaboration on Arctic issues while increasing mutual understanding between people of the United States and the people of other countries.*

**Application Deadlines:**
Norwegian Applicants - Monday, February 2, 2015
U.S. Applicants - Monday, February 16, 2015

The Fulbright Arctic Initiative will support a team of scholars and researchers from the Arctic Council member countries to research and assess the impact of change in the Arctic and engage in collaborative thinking, analysis and problem solving. Scholars will come from different countries and different fields but will share a commitment to working together to understand and address Arctic issues.

The Fulbright Arctic Initiative will take place over an 18-month period in 2015-2017, coinciding with the United States’ chairmanship of the Arctic Council. Selected scholars will participate in an individual Fulbright exchange of up to two months, as well as in-person seminars and ongoing virtual communication, all supporting the scholars’ collaborative research projects. Scholars will focus on collaborative work in multidisciplinary and multinational research teams, and will propose and carry out an individual exchange element. Areas of research focus will include:

* Energy: How will oil, gas, and other natural resources be developed in the Arctic? What can be done to promote clean renewable energy, reduce pollutants, guarantee the inclusion and rights of indigenous people, and protect the environment?
* Water: How can we understand, mitigate, and adapt to the dramatic changes occurring and projected for the Arctic Ocean environment and fresh water regimes, such as changes to fisheries, oil spills, the emergence of invasive species, and shifts in the food supply for local communities?
* Health: What specific issues do coastal communities face, such as erosion and storm surge, subsistence activities and food supply, availability of medical care, transportation, telecommunications, protection and continuity of their identities as indigenous peoples? What opportunities and vulnerabilities can be addressed for the sustainability of affected communities?
* Infrastructure: How can we rethink ports, pipelines, freshwater storage and treatment, and other infrastructure and security issues? What measures and policies should be developed to promote multi-national cooperation on search and rescue, emergency environmental response, and safe shipping?

Successful candidates will include scholars at all career stages, applied researchers or professionals active in the academic, public or private sectors that demonstrate outstanding qualifications and a record of experience and accomplishment in an area clearly related to one of the designated research themes.

Applicants must be:
* Conducting current research relevant to the program’s themes and objectives
* Open to exploring and incorporating comparative, interdisciplinary approaches in their investigations
* Interested in developing collaborative activities with other Fulbright Arctic Initiative Scholars

Eligibility requirements [http://www.cies.org/program/fulbright-arctic-initiative](http://www.cies.org/program/fulbright-arctic-initiative)

**Timeline**
October 2014 | Fulbright Arctic Initiative Scholar Competition Opens
February 2, 2015 | Visiting Scholar Application Deadline
February 16, 2015 | U.S. Scholar Application Deadline
April 2015 | Finalists notified of selection decisions
**Fullbright Postdoctoral Scholars Awards**

Fullbright Postdoctoral Scholar Awards are open to U.S. scholars who have recently completed their doctoral degree (or other terminal degree) – typically within the five previous years. Postdoctoral awards are available in STEM fields, the arts, humanities and social sciences. These grants present an excellent opportunity for recently minted scholars to deepen their expertise, to acquire new skills, to work with additional resources and to make connections with others in their fields. Scholars will be expected to engage with graduate students in the host country and to be involved with host university training in cutting edge research in their specializations. In addition to their primary research or teaching activities, grantees will be asked to give public talks, mentor students, and otherwise engage with the host country academic community.

In order to better accommodate the interests and commitments of early career scholars, the Fulbright Program is offering an additional application cycle for a select number of 2015-2016 postdoctoral awards with the [later deadline of January 15, 2015](http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_core.pdf). The core Fulbright U.S. Scholar Program competition for 2016-2017 will open in February 2015 and will include additional opportunities for postdoctoral and early career scholars.

**Grant Duration:**
Grant lengths vary in duration: applicants can propose projects for a period of three to 12 months, as specified in the award description.

**Deadline:**
Thursday, January 15, 2015 (All day)
*For a select number of postdoctoral awards*


See more at: [http://www.cies.org/program/postdoc#sthash.xhYL0W4o.dpuf](http://www.cies.org/program/postdoc#sthash.xhYL0W4o.dpuf)

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The Rachel Carson Center for Environment and Society invites applications for its 2015–16 cohort of postdoctoral and senior fellows. The fellowship program, directed by Christof Mauch (LMU Munich) and Helmuth Trischler (Deutsches Museum) is designed to bring together excellent scholars who are working in environmental history and related disciplines. [http://www.carsoncenter.uni-muenchen.de/fellows/fellowship_info/fellowship-call-2015-16/index.html](http://www.carsoncenter.uni-muenchen.de/fellows/fellowship_info/fellowship-call-2015-16/index.html)

The center will award fellowships to scholars from a variety of countries and disciplines. Applicants’ research and writing should ideally pertain to the central theme of the RCC - transformations in environment and society. Research at the RCC is concerned with questions of the interrelationship between environmental and social changes, and in particular the reasons—the social, political, cultural, and environmental factors—behind these transformations. The concept of “transformations” gives us an adjustable lens that allows us to keep in our sights a vast range of changes—from the quick adjustments in human behavior that interest sociologists to the gradual changes over millennia that are central for geologists and climatologists, and of course the short- and long-term shifts that fascinate historians and philosophers.

The Carson Center offers three types of fellowships:

Carson Fellowships (pdf, 126 KB) [http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_core.pdf](http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_core.pdf)

Carson Interdisciplinary Fellowships (pdf, 126 KB) [http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_inter.pdf](http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_inter.pdf)
Carson Outreach Fellowships (pdf, 126 KB) [http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_outre.pdf](http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_outre.pdf)

The program awards writing fellowships only; the RCC does not sponsor field trips or archival research. Fellows are expected to spend their fellowship in residence, to work on a major research project, to attend the weekly lunchtime colloquium, and to present their research at the center.

All successful applicants should plan to begin their fellowship between 1 September 2015 and 1 December 2016; it will not be possible to start a fellowship awarded in this round at a later date. Decisions about the fellowships will be announced in mid-May 2015. Fellowships will usually be granted for periods of 3, 6, 9, or 12 months. The RCC will pay for a replacement of the successful candidate at his or her home institution; alternatively it will pay a stipend that is commensurate with experience and current employment.

**The deadline for applications is 31 January 2015.** Applications should be submitted electronically in one pdf file to applications@rcc.lmu.de and include the following information:

- cover letter
- curriculum vitae (3 pages maximum)
- project description (1,000 words maximum)
- research schedule for the fellowship period
- names of and contact information for three scholars as referees

You may write your application in either English or German; please use the language in which you are most proficient. You will be notified about the outcome of your application by mid-May 2015.

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UW Environmental Health Research Experience Program

Dates: June 22nd – August 21st 2015 in Seattle, WA  
Stipend: $5,200

**Application Deadline: February 1st 2015**

The UW Environmental Health Research Experience Program (EHREP) is a funded, 10 week summer experience for undergraduates with an interest in environmental health sciences. EHREP provides students with hands on experience in laboratories of leading researchers, introduces them to key environmental and occupational health issues while offering research exposure that will help them become competitive for graduate school. Students will work full-time under the supervision of a faculty mentor and will receive a stipend of $5,200.

One of the goals of this program is to increase and diversify the pool of future applicants for graduate study in this field, leading to more outstanding scientists selecting Environmental Health Sciences as a career focus. We strongly encourage students who are underrepresented in the sciences to apply.

To learn more about the program and the application process, please visit our website:

[http://deohs.washington.edu/ehrep](http://deohs.washington.edu/ehrep) If you have any questions about the program, please don’t hesitate to contact me directly.

Trina Sterry  
Program Manager  
Environmental Health Major and Summer Research Program  
University of Washington  
206-616-4177

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**GRANT OPPORTUNITIES/SCHOLARSHIPS/OTHER AWARDS**
Sea Grant funding pre-proposals due January 30
Alaska Sea Grant invites pre-proposals for research projects for the 2016–2018 biennium. They seek creative and innovative research proposals in the natural and social sciences that address one of the three following focus areas:
* Healthy Coastal Ecosystems
* Sustainable Fisheries and Aquaculture
* Resilient Communities and Economies
The request for proposals is available at http://seagrant.uaf.edu/research/rfp/2016/2016-18-research-rfp.pdf

ACCAP mini-grant applications due February 5
The Alaska Center for Climate Assessment and Policy (ACCAP) is now accepting proposals for one month of faculty summer salary or summer graduate student support to conduct research and engage with stakeholder groups on climate change adaptation. More information and a copy of the funding announcement can be found in the online science calendar entry for February 5 (www.cgc.uaf.edu/calendar.html).

John A. Knauss Marine Policy Fellowship
Alaska Sea Grant is recruiting graduate students for the 2016 National Sea Grant Knauss Marine Policy Fellowship. Application deadline: February 13, 2015. Fellowship begins: February 2016. The Fellowship is well suited for graduate students with an interest in national policy decisions affecting coastal and ocean resources and involves spending a year in the Washington, D.C., area in an executive or legislative position. Recipients work on substantive national policy issues related to aquatic resources. For more details or to apply, go online to:
http://seagrant.uaf.edu/research/knauss/knauss-application.html

Alaska Sea Grant State Fellowship
The Alaska Sea Grant State Fellowship Program strengthens the workforce dedicated to healthy fisheries and coastal environments by encouraging graduate students to launch careers in Alaska. The program provides a unique professional opportunity for graduate students who are interested both in marine resources and in the policy decisions affecting those resources in Alaska by providing on-the-job experience in the planning and implementation of marine and/or coastal resource policies and programs in Alaska. Highly motivated graduate students are matched with host state or federal agencies in Alaska for a paid fellowship. Graduate students close to completing a degree, or with a recently earned degree, can apply. Fellows may be located in Fairbanks, Anchorage, or Juneau, with possible start date of July 1, 2015. Application deadline is February 13. For more about the fellowship and how to apply, visit http://seagrant.uaf.edu/research/state-fellowship/index.php

The People’s Endowment Board at the University of Alaska Fairbanks is pleased to announce the availability of funds for Spring 2015. The People’s Endowment was established at the UA Foundation in 1986 with the intent to provide a source of funds for projects that will improve UAF but would likely remain unfunded due to institutional priorities. Grants are intended to be used for a special project or to fill a critical need at UAF. Proposals will be accepted from UAF faculty, staff, and students. All proposals will be submitted to the People’s Endowment Board for review and selection.

Deadline: The deadline for receipt of complete proposals is February 3, 2015. Proposals received after 5 p.m. of the deadline date will not be considered. Successful recipients will be notified on February 16, 2015.

Maximum Grant Amount: $5,000
The board may fund more than one grant depending on available funds and amounts requested. Requests for smaller amounts or partial funding will be considered.

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

Examples of projects not likely to receive funding include scholarships or pure research projects, for which there are other funding opportunities available. In general, grants will not fund projects that are part of normal university activities.

**The People’s Endowment does not fund honorariums, salaries, and consultation service fees to UA employees.**

To apply, you must submit the proposal template provided which includes the following information:

*Title and general description including outline of problem to be solved; how will PE funding fill a critical need or improve UAF?

*Detail of budget requested, including other grants sought and awarded/denied.

*Student groups interested in applying for a grant must include a faculty mentor who will assist in overseeing and guiding the project.

*Applicant contact information, including name, address, phone number and e-mail address, and university affiliation.

Send complete proposals via e-mail to the Provost’s office at jahoppough@alaska.edu. Proposals are available online at [www.uaf.edu/provost/peoples-endowment](http://www.uaf.edu/provost/peoples-endowment). General questions about this grant can be addressed to the Provost’s Office at 474-7096 or jahoppough@alaska.edu.

**OTHER**

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