The 2014 RAP Retreat will be held September 22-23 with Dr. Thomas Thornton, University of Oxford. We look forward to seeing you.

Monday, September 22
1:00 - 2:00 pm
Vera Alexander Learning Center (201 O'Neill)
By VCON from Kodiak School of Fisheries and Ocean Sciences
MS defense
Variability in foraging by humpback whales (Megaptera Novaenangliae) on the Kodiak, AK, feeding ground
Dana Wright, MS Marine Biology candidate

4:30 – 5:30 pm
Murie Auditorium, 104 Murie Building
One Health / Biomedical seminar series, sponsored by the Department of Veterinary Medicine
Translating A1AR agonist-induced torpor for therapeutic hypothermia
Kelly Drew, Institute of Arctic Biology, Biomedical Sciences

6:00 - 8:00 pm
Murie Auditorium, 104 Murie Building
Resilience and Adaptation Program (RAP) Public Seminar
Our Grandparents' Names on the Land – What aboriginal place names can teach us about ecosystems
Thomas Thornton, University of Oxford
Light refreshments to follow

Tuesday, September 23
8:30 am – 3:00 pm
Murie 301
RAP Retreat 2014
8:30 – 9:00 am Continental breakfast
9:00 – 9:20 am Introductions, activity
9:20 – 10:20 am Workshop Pacific herring and North Pacific social ecological systems: coevolution and resilience
10:20 am Break
10:30 am Resume discussion
11:25 am RAP student presentations
12:00 pm Lunch
1:15 – 3:00 pm Individual appointments with Dr. Thornton. Contact Ross Dorendorf for availability
rrdorendorf@alaska.edu

11:00 am -1:00 pm
Murie 111, 221, 321
Scientific Product Show
Manufacturers showing the latest technologies to your scientists and staff. This is an ideal way to have discussions about new products, experimental design and pricing issues. For additional information please contact Randy Hodges at randy@biotechshows.com
Wednesday, September 24
12:00 - 1:00 pm
103 WRRB (West Ridge Research Bldg)
Atmospheric Sciences Informal Seminar
Inversions and airborne contaminants sourced from cruise ships inside Glacier Bay using WRF/Chem; and wet deposition of contaminants in Juneau’s rainfall
Michael Pirhalla, Geophysical Institute

1:00 - 2:00 pm
Vera Alexander Learning Center (201 O’Neill)
SFOS Climate Change Seminar
Climate change in northern regions: What will happen to Alaska’s water?
Larry Hinzman, International Arctic Research Center

3:30 - 4:30 pm
Vera Alexander Learning Center (201 O’Neill)
Institute of Marine Science Seminar
Title and speaker TBA

5:00 – 8:00 pm
Wood Center Ballroom
Careers in Energy
Career Services hosts a consortium of Energy Companies at the UAF Campus to recruit potential students. There may be interested individuals from the community attending this event. For additional information please contact Patti Picha at plpicha@alaska.edu

Thursday, September 25
4:00 - 5:00 pm
Elvey Auditorium, 214 Elvey Bldg
International Arctic Research Center Seminar
Toward a better hindcast of waves in the Arctic Ocean
Gleb Panteleev, International Arctic Research Center

6:00 – 7:30 pm
Schaible Auditorium
Films to Inspire: 350.org
An hour long film on the cultural, political, and economic impacts of our changing climate and how we rise to the challenge as an empowered culture of change.

**Friday, September 26**

1:00 – 2:00 pm  
Davis Concert Hall  
State of the University - UAF Convocation  
Chancellor Brian Rogers

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  
To Breathe or Not to Breathe  
Michael Harris, Department of Biology & Wildlife and Institute of Arctic Biology

3:30 – 5:10 pm  
201 Reichardt Building  
Department of Geosciences Seminar  
Strain localization in the Sierra Nevada, and early investigations into the history of the Talkeetna Arc  
Elizabeth Nadin, Department of Geosciences

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

3:30 -5:00 pm  
214 O'Neill Building  
By VCON from Juneau  
SFOS Fisheries Division, Juneau Center Seminar  
Pacific herring: A social-ecological view  
Thomas Thornton, University of Oxford

3:45 pm  
Globe Room, 215 Elvey Building (Gi)  
Department of Physics Journal Club  
Check [http://ffden-2.phys.uaf.edu/journal_club.htm](http://ffden-2.phys.uaf.edu/journal_club.htm) or call 474-7339 to see if there's a presentation scheduled for this week and to confirm the location.

7:00 – 8:30 pm  
Schaible Auditorium  
Tom McGuane, Midnight Sun Visiting Writers Series  
Public reading and book signing by Tom McGuane, one of America's most legendary writers

*McGuane is the author of 10 acclaimed novels, three works of nonfiction and two collections of stories. He is a member of the American Academy of Arts and Letters, the National Cutting Horse Association Hall of Fame and the Flyfishing Hall of Fame.*

**Coming up**

Thesis defense: Chas Jones  
Monday, Sept. 29, 2:30 PM  
Murie Auditorium, 104 Murie Building  
Ecohydrological Linkages: Connecting the dots between hydrology, climate, and people of the North
Abstract: In my research, I use interdisciplinary research methods to study how changes in hydrology associated with climate affect social-ecological systems in Alaska. Partnerships were established with residents of Fairbanks and Tanana to develop scientific investigations relevant to rural Alaskans. In one project, I incorporated local knowledge into scientific models to identify a social-ecological threshold used to model potential driftwood harvest from the Yukon River. In another project, I developed a physically-based, numerical model to examine the importance of permafrost degradation in explaining unfrozen river conditions in the winter. In addition, field mapping and remote sensing techniques were also used to map dangerous ice conditions on the Tanana River. Unsupervised classification of high-resolution satellite imagery was used to identify and map open water and degraded ice conditions on the Tanana River. My research demonstrates how collaborations between scientists and local stakeholders can create tools that are useful and relevant for non-academics. I conclude that regional-scale adaptations and technological development (such as modeling and remote sensing tools) may help to alleviate the effects of extreme events (such as flooding) or unexpected environmental conditions (such as thin or hazardous ice conditions in the winter) driven by climate.

ABSTRACTS/MEETINGS/WORKSHOPS/PROFESSIONAL DEVELOPMENT

Call for papers for the Climate Change in Culture Conference to be hosted by the University of Prince Edward Island in Charlottetown, Prince Edward Island, May 28-31, 2015.

As climate change becomes arguably the most pressing issue of our time, with evolving implications for societies in every cultural context, we seek to enhance our understanding of the ways in which culture and climate intersect with and animate one another. Cultural responses to and representations of climate are particularly compelling at a time when catastrophic weather events are becoming more commonly manifest and are inspiring a wide array of cultural and interpretive responses. Paying particular attention to the cultural implications of climate and to cultural, political, and societal responses to climate change, this conference explores how humanities-based scholarship can be brought to bear upon the evolving reality of climate change. Conference events include keynote talks given by internationally renowned climate and culture scholars, traditional academic papers and presentations, and a variety of interdisciplinary and multimedia performances. We thus invite submissions from scholars from across the humanities, broadly defined, who are dealing with any aspect of climate and climate change in a cultural context.

Possible topics, include, but are not limited to:

- literary and artistic (visual, filmic, photographic, etc) representations of climate and climate change
- social and historical understandings of climate, weather, and the role of human agency;
- climate change and ethics
- climate change and questions of social justice including the differing questions of climate change posed by identity categories such as gender, race, disability, class, and citizenship
- understandings of climate and the environment in antiquity and the classical world
- cross-cultural interpretations of, and responses to climate and climate change
- the implications of climate change on the production and reception of art, whatever the form
- the roles of denial, fear, skepticism and rejection vis a vis climate change
- threats to linguistic and cultural communities posed by climate change
- teaching climate and climate change in the humanities and social sciences
- the evolving place of the environmental humanities in curricular development
- islands and their particular vulnerability to climate change, island-based narratives and representations of climate

The conference is hosted by the University of Prince Edward Island, home of the Atlantic Climate Lab and the Institute of Island Studies. UPEI is situated in Charlottetown, Prince Edward Island on the east coast of Canada. As the capital and principle city of Prince Edward Island, Charlottetown is a vibrant cultural destination, home of the world-renowned Confederation Centre of the Arts Performing Arts Centre and birthplace of Canadian confederation. Prince Edward Island is known for its breathtaking natural beauty and charm, thus making it an especially apt location for a conference on climate change and its human implications.

Please submit abstracts of 250-300 words to jmckinley@upei.ca by January 5, 2015.
Dear Colleagues:
In partnership with the Education and Human Resources Directorate, EPSCoR is hosting a webinar on *Monday, September 22, 4pm (EDT)* for all those interested in learning more about the NSF Graduate Research Fellowship Program (GRFP). The attachment provides instructions for joining the webinar.

The NSF Graduate Research Fellowship Program provides a prestigious award that supports research-oriented students in a wide range of STEM and social science fields during graduate school. This webinar will provide an overview of the GRFP and program updates for the FY 2015 competition (incl. deadlines, application and review processes) and other program activities such as GROW (http://www.nsf.gov/grow).

The intended audience is faculty and university administrators, so please distribute this invitation to all who may be interested. No registration necessary. For more GRFP information visit www.nsfgrfp.org. Question regarding the webinar logistics should be forwarded to Liz Lawrence (elawrnc@nsf.gov).

Thanks,
Denise Barnes
Head, NSF EPSCoR

The Graduate School will be holding two upcoming Thesis Formatting Workshops. If you are just starting your thesis or dissertation or are in the process of formatting, please plan to attend one of the two scheduled sessions:

**Monday, September 22**  
3:30-5:00pm  
O’Neill Building #201  
(video-conferenced to Juneau SFOS103)

**Wednesday, September 24**  
3:00-4:30pm  
Library Media Classroom (#340 Rasmuson)

Sign-up by visiting the Graduate School website http://www.uaf.edu/gradsch/

If you have any questions about this event, please contact the Graduate School at 474-7464 or email uaf-grad-school@alaska.edu.

2014 Arctic Science Conference  
September 27-28, University of Alaska Fairbanks  
http://arctic.aaas.org/ for registration

**UArctic course:**  The Arctic as extractive industries resource frontier: legal and political economy developments  
November 9-15, 2014, North Eastern Federal University, Yakutsk

From November 9 to November 15, 2014 the North Eastern Federal University in Yakutsk (NEFU named after M.K. Ammosov) will hold a PhD course within the UArctic Thematic Network “Arctic Extractive Industries”. The Arctic is transforming rapidly in the 21st century, becoming a part of the “global world”. This is importantly connected to the development of raw materials: the Arctic is becoming a resource frontier that can compete with any other analogous extraction centres worldwide.
There is a high need for developing a new regional Arctic policy based on thoroughly planned system of impact assessments in the region. This has to consider the significant changes in the relations, interests and possibilities of states, regions, economic actors and the populations living on the land over the resources. Such a policy should be built on the principles of realism, pragmatism and the use of best world practices for the development of economic, social as well as administrative reforms. The Russian Federation has recently increased its focus on the Arctic. The main priorities of this state interest are the following:

- Development of new oil and gas deposits, among others in Eastern Siberia and the Sakha Republic
- The creation of a unified pipeline and energy network system with Northern China, Korea and Japan
- Development and increase of efficiency in oil and gas processing and petrochemistry.
- Development of coal industry
- Maintenance of high volumes in extraction of oil, gas, mineral resources as well as forestry

The current conditions for such industrial development imply a continuous increase in tensions and conflicting interests between indigenous peoples, industrial companies and the authorities. The proposed course shall focus on related topics along the following lines

1. Regulatory processes in Arctic extractive industries
2. Legal developments in the Arctic region
3. Impact of extractive industries on Arctic social and economic development
4. Environmental processes in the Arctic in connection to industrial development
5. Rights of indigenous peoples in connection to Arctic extractive industrial development.
6. Questions concerning regional categorisation of the Arctic territories

This course will have 40 academic hours of contact teaching, of which the equivalent of one full day will be reserved for PhD students’ papers discussion. The lectures in this course will be given by professors from Canada, Norway, Finland, and different Russian regions. PhD students eligible for this course shall have a topic related to Arctic extractive industries and present a paper, project, draft chapter or article for discussion in this course. The completed course will be equal to 10 ECTS credits.

The course languages are Russian and English (translation will be provided)

For course participation, please fill out the form below and send it to yktarctic@mail.ru, with copy to Florian fms36@cam.ac.uk For those needing an official invitation for a Russian visa, please fill out all the fields in the form yktarctic@mail.ru and attach a copy of your passport. Please do so by August 31st and apply for a Russian visa from the Russian embassy of your home country as soon as you get the invitation. Possible travel funding for North American and Norwegian participants.

The University of Alaska Fairbanks Cooperative Extension Service will host a workshop for individuals interested in starting and operating a specialty food business. The workshop will meet for five sessions beginning Sept. 16 and will be offered by videoconference in Fairbanks, Delta Junction, Homer, Kodiak and Juneau. It will meet Tuesdays and Thursdays from 5:30 to 8 p.m. through Sept. 30. The instructors are Extension food research technician Kate Idzorek and Quentin Fong, a seafood marketing specialist with Alaska Sea Grant’s Marine Advisory Program.

Idzorek said specialty foods are manufactured in limited quantity with high-quality ingredients and include products such as handmade chocolates and food truck items. The workshop is intended for individuals who want to sell specialty foods direct to consumers and wholesale. Topics will include business planning and marketing, financing and accounting, permitting, feasibility assessment, and promoting and pricing products. The workshop will also cover options to enter the market, including farmers markets, food trucks and other venues.
The workshop costs $50. See details or register online at www.uaf.edu/ces. For more information, contact Idzorek at 907-474-5391 or kjidzorek@alaska.edu.

**INTERNERSHIPS/FELLOWSHIPS/ EMPLOYMENT**

The Department of Anthropology at the University of Colorado Boulder invites applications for an Assistant Professor level appointment in Cultural Anthropology with a research focus on the environment and sustainability to begin August of 2015. **We are interested in scholars whose work examines the politics and sociocultural impact of resource management.** This would include climate change, conservation, mining, extraction of oil or other resources, air quality, waste management, historical formations of human/nature relations, activism or a similar topic that ties together the environment, development, and sustainability. Geographic area of specialization is open. **Review of applications will begin on November 1, 2014 and will continue until finalists are identified.** The Search Committee plans to interview a select pool of applicants at the American Anthropological Association Meetings in December. Please submit the following materials: 1. Cover letter 2. Curriculum vitae 3. Course syllabi 4. Teaching evaluations 5. Short statement (one page) of teaching philosophy 6. At least one but no more than three samples of research writing and/or publications 7. Names and addresses of three references.

Application materials are accepted electronically at https://www.jobsatcu.com, posting F01741.

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Fall 2014-- University of Alaska Legislative Internship Application  
**Firm deadline: October 15**  
http://uas.alaska.edu/internprogram/

Interns will spend spring semester in Juneau working on the staff of a member of the House of Representatives or Senate. Grad students will earn 9 credits: 6 from the internship and 3 from a seminar on Alaska government and politics. The program provides a stipend and an allowance for transportation. Students must pay the tuition costs for 9 graduate credits. Questions and application materials (as email attachments) should be sent to Dr. Jonathan Rosenberg, Political Science. jrosenberg@alaska.edu

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**GRANT OPPORTUNITIES and OTHER AWARDS**

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

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

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

All proposals will be submitted to a review team composed of qualified professionals for selection and review. **Deadline:** The deadline for receipt of complete proposals including applications, transcripts and letters of reference shall be November 14, 2014 for the 2015 field season grant. Any proposals received after the deadline will be returned.
unopened to the applicant. The successful recipient will be notified of the review team's decision in mid-February 2015. The review team's decision on the merits of proposals is final.

**Maximum Grant Amount:** $15,000

The committee may also fund additional grants depending on available funds and the amounts requested by applicants. Requests for smaller amounts or partial funding will be considered.

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

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**OTHER**

**Master Gardeners Class**

Registration is open for a master gardener class that begins Oct. 7 in Fairbanks and in Delta Junction.

Steven Seefeldt, agriculture and horticulture agent for the University of Alaska Fairbanks Cooperative Extension Service, will teach the session Tuesdays from 6 to 9 p.m. through Feb. 3. The class will be offered at the Extension district office at 724 27th Ave., in the Fairbanks Community Food Bank building, and by videoconference at the Delta Career Advancement Center.

Participants will receive 40 hours of instruction on horticultural subjects and gardening skills suited for Interior Alaska. Master gardeners must then give 40 hours of volunteer service to their communities within two years of completing the class.


**ADDITIONAL CONTACTS:** Darcy Etcheverry, 907-474-2422, ddetcheverry@alaska.edu; Ronda Boswell, 907-474-2450, rlboswell@alaska.edu.

**ON THE WEB:** [www.uaf.edu/ces/districts/tanana/mg](http://www.uaf.edu/ces/districts/tanana/mg)

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