The 2014 RAP Retreat will be held September 22-23 with Dr. Thomas Thornton, University of Oxford.

**Wednesday, September 10**
11:00 am - 2:00 pm  
Wood Center  
UAF Career Services  
On-campus student job fair—Day 1 of 2  
See [http://www.uaf.edu/career/events-2/sjf-1](http://www.uaf.edu/career/events-2/sjf-1) for details

12:00 pm – 1:00 pm  
103 WRRB (West Ridge Research Bldg)  
Atmospheric Sciences Informal Seminar  
*Assessment of the 2006–2012 summer climatological fields and mesoscale features obtained by WRF-chem over the Panhandle*  
Nicole Mölders, Geophysical Institute Atmospheric Sciences Group and CNSM Department of Atmospheric Sciences

3:30 - 4:30 pm  
Vera Alexander Learning Center (201 O’Neill)  
Institute of Marine Science Seminar  
*An Lagrangian view of the Chukchi and Beaufort Seas*  
Tom Weingartner, School of Fisheries and Ocean Sciences

5:30 – 6:30 pm  
Schaible Auditorium, Bunnell Building  
UAF Research Showcase: Introduction to Research and Creative Scholarship at UAF  
*Caribou, moose & climate change: Who wins? Who loses?*  
Kris Hundertmark, Institute of Arctic Biology and Department of Biology & Wildlife  
This series is sponsored by the Undergraduate Research & Scholarly Activity (URSA) office. Presentations are intended for a general audience and all are welcome.

**Thursday, September 11**
11:00 am - 2:00 pm  
Wood Center  
UAF Career Services  
On-campus student job fair—Day 2 of 2  
See [http://www.uaf.edu/career/events-2/sjf-1](http://www.uaf.edu/career/events-2/sjf-1) for details

4:00 -5:00 pm  
Enter Auditorium, 214 Elvey Bldg  
International Arctic Research Center Seminar  
*Frost and Fire: Facing the uncertainties of Alaska's changing climate*  
Nancy Fresco, Scenarios Network for Alaska & Arctic Planning (SNAP), IARC, UAF

**Friday, September 12**
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

What does a caribou cost?
Perry Barboza, Institute of Arctic Biology and Department of Biology & Wildlife

3:30 – 5:10 pm
201 Reichardt Building
Department of Geosciences Seminar
The birth of earthquakes
Carl Tape, 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
Alaska’s seafood industry—Contributing to a diversified Alaskan economy
Vince O’Shea, Pacific Seafood Processors Association

3:45 pm
Globe Room, 215 Elvey Building (GI)
Department of Physics Journal Club
Check 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.

Coming up
Tuesday, September 16
6:00 pm
Murie Auditorium, 104 Murie Building
Irving Scholander Public Seminar
Dr. John Speakman, 1000 Talents Professor and Novo Nordisk Great Wall Professor. Chinese Academy of Sciences, Institute of Genetics and Developmental Biology, Beijing, China. Professor, Chair in Zoology. Institute of Biological and Environmental Sciences, University of Aberdeen, Scotland.
Why do we get fat?
Reception to follow

Wednesday, September 17
2:30 pm
Murie Auditorium, 104 Murie Building
2014 Irving Scholander speaker Dr. John Speakman
Heat Dissipation Capacity as a Factor Limiting Sustained Energy Intake

ABSTRACTS/MEETINGS/WORKSHOPS/PROFESSIONAL DEVELOPMENT

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

**INTERNSHIPS/FELLOWSHIPS/ EMPLOYMENT**

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

**GRANT OPPORTUNITIES and OTHER AWARDS**

September 12 is the DEADLINE for submitting applications for Alaska Space Grant Undergraduate Research Fellowships & Scholarships. See http://spacegrant.alaska.edu/student

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
NEW COURSE! STO 602 Mentoring in the Sciences
Starts this Monday (9/8) ! If you are interested or have any questions, please contact Erin Pettit (ecpettit@alaska.edu).

Recommended for Graduate Students, Post Docs, and Early Career Faculty in all scientific fields.
Monday and Wednesday 5:00 to 6:30pm
Elvey 414 (tentative location)

Course overview
Effective mentoring skills are extremely valuable for success as scientists and teachers, yet are rarely taught. This course provides a forum for graduate students to develop their mentoring philosophy and build effective mentoring skills. This course seeks to provide a discussion and learning environment for accelerating the process of learning to be a successful mentor. Through discussion of case studies, activities, writing projects, and readings provided in course materials, students will consider mentoring philosophy, articulate it, anticipate challenges and practice effective solutions to a variety of mentoring issues.

Prerequisites
There are no required prerequisites for this course, and no prior experience in mentoring is required. The course targets graduate students in all scientific fields, and is particularly geared toward graduate students in the Scientific Teaching graduate certificate program. Other early career participants (e.g. postdocs, new faculty) are welcomed, space permitting.

Thesis Editing
As a Writing Center Tutor at Whitman College, I gained three years of experience editing and revising student work. I have more than a year’s experience providing timely, thorough editing for engineering, geology, and physics theses at UAF. I hold an M.S. in geology and have a liberal arts background, making me comfortable editing papers of most subjects. Please contact me with further questions.
Gabrielle Vance
gtvance@alaska.edu
(907) 321-1515

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