

Please check the Google Calendar at <http://www.cgc.uaf.edu/calendar.html> for updates.

**MONDAY, FEBRUARY 13**

- 9–10 A.M. – 401 Akasofu Building (IARC)  
Department of Chemistry & Biochemistry/IAB Ph.D. defense  
***The effect of mitochondrial ultrastructure on function and thermal tolerance in Antarctic notothenioid fishes***  
Irina A. Mueller, Ph.D. candidate  
Information: Irina Mueller, iamueller@alaska.edu
- 10–11 A.M. – (2nd Floor, Denali Building, 3352 College Rd.)  
Alaska Center for Climate Assessment and Policy (ACCAP) Monthly Alaska Climate Webinar  
***Alaska and the National Climate Assessment: The Alaska Technical Report***  
Carl Markon, U.S. Geological Survey, and Sarah Trainor, ACCAP  
*Registration is strongly encouraged.*  
Information: <http://ine.uaf.edu/accap/teleconference.htm>, 474-7812 or brook.gamble@alaska.edu
- 1–2 P.M. – Vera Alexander Learning Center (201 O'Neill)  
AKCFWRU candidate seminar  
***Fish diversity as a determinant of food webs: Multiple predators, native richness, and invaders***  
Michael P. Carey, NRC Postdoctoral Associate, NOAA Northwest Fisheries Science Center; candidate for Assistant Unit Leader, Fisheries, with the Alaska Cooperative Fish and Wildlife Research Unit  
Information: [www.iab.uaf.edu/events](http://www.iab.uaf.edu/events) or Nichole Kloepfer, ndkloepfer@alaska.edu (474-7649)
- 2–3 P.M. – Elvey Auditorium, 214 Elvey Building  
Department of Biology & Wildlife M.S. defense  
***Bears and ice: Distribution and landscape genetics of bears in Glacier Bay, Alaska***  
Tania Lewis, M.S. candidate  
Information: Tania Lewis, lupineluna@gmail.com
- 4–5 P.M. – Elvey Auditorium, 214 Elvey Building  
CANHR faculty candidate seminar  
***Influence of activity and nutrient availability on fat, muscle, and insulin resistance: A multi-faceted approach***  
Robert H. Coker, University of Arkansas for Medical Sciences, candidate for faculty position with the Center for Alaska Native Health Research, UAF  
Information: [www.iab.uaf.edu/events](http://www.iab.uaf.edu/events) or Michelle Dondanville, madondanville@alaska.edu (474-6230)

**TUESDAY, FEBRUARY 14**

- 7–8 P.M. – Westmark Gold Room, downtown Fairbanks (813 Noble St.)  
Science for Alaska Lecture Series 2012  
***Recent earthquakes that shook the world***  
Natalia Ruppert, Alaska Earthquake Information Center, Geophysical Institute, UAF  
Educational demonstrations begin at 6:30. These are geared to K–12 students, but all are invited!  
Series sponsored by UAF, Geophysical Institute, and Alyeska Pipeline Service Company. Coordinated by the Geophysical Institute.  
More information at [www.scienceforalaska.com](http://www.scienceforalaska.com) or 474-7558.

**WEDNESDAY, FEBRUARY 15**

- 1–2 P.M. – 306 Reichardt Building  
Department of Geology & Geophysics Ph.D. defense  
***Geochemistry of the Late Devonian "punctata Event" in the Western Canada Sedimentary Basin: Causal relations between terrestrial afforestation, marine eutrophication, and perturbation of the Earth's carbon cycle***  
Maciej G. Śliwiński, Ph.D. Geology candidate  
Information: 474-7565
- 1:30–3 P.M. – 417 Akasofu Building (IARC)  
Atmospheric Sciences Informal Seminar  
***PUFF modeling of point-source emission impacts on PM<sub>2.5</sub> concentrations in Fairbanks, Alaska***  
Dea Huff, Alaska Department of Environmental Conservation  
Information: Nicole Mölders, molders@gi.alaska.edu (474-7910)
- 2–3 P.M. – Elvey Auditorium, 214 Elvey Building  
Department of Biology & Wildlife Ph.D. defense  
***Relationships among Alaskan caribou herds and reindeer–caribou interactions: Integrating genetics and local knowledge***  
Karen Mager, Ph.D. candidate  
Information: Karen Mager, khmager@alaska.edu
- 3:30–4:30 P.M. – Vera Alexander Learning Center (201 O'Neill)  
Institute of Marine Science Seminar  
***Title & speaker TBA***  
Speaker/affiliation  
Information: [www.sfos.uaf.edu/events](http://www.sfos.uaf.edu/events) or Jeremy Mathis, jmathis@sfos.uaf.edu

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### **WEDNESDAY, FEBRUARY 15 (continued)**

3:30–5:10 P.M. – Elvey Auditorium, 214 Elvey Building  
Chapman Chair Seminars: GeoPRISM Science Along  
the Aleutian–Alaska Subduction Zone  
***Subduction-zone seismicity and faulting (part 1 of 2)***  
Steve Kirby, U.S. Geological Survey, Menlo Park, CA  
Information: 474-7565

7:30–8:30 P.M. – Schaible Auditorium, Bunnell Building  
Introduction to Research and Creative Scholarship at  
UAF  
***Protection of the 'Three Poles' (Arctic, Antarctic and  
the Hindu-Kush Himalayas): Needs, opportunities  
and a call for student engagement***  
Falk Huettmann, Institute of Arctic Biology, UAF  
This series is sponsored by the Undergraduate Research  
& Scholarly Activity (URSA) office. Presentations are  
intended for a general audience and all are welcome to  
attend.  
Information: Barbara Taylor, betaylor@alaska.edu

### **THURSDAY, FEBRUARY 16 (see also box at right)**

1–2 P.M. – 401 Akasofu Building (IARC)  
AKCFWRU candidate seminar  
***Population demographics of invasive brown trout and  
the potential for biotic resistance to structure fish  
communities***  
Carl Saunders, postdoctoral research scientist, Utah  
State University; candidate for Assistant Unit Leader,  
Fisheries, with the Alaska Cooperative Fish and  
Wildlife Research Unit  
Information: [www.iab.uaf.edu/events](http://www.iab.uaf.edu/events) or Nichole  
Kloepfer, [ndkloepfer@alaska.edu](mailto:ndkloepfer@alaska.edu) (474-7649)

### **FRIDAY, FEBRUARY 17 (see also boxes at right)**

10:15–11:15 A.M. – Runcorn Room (300 Reichardt Building)  
Dept. of Geology & Geophysics M.S. defense  
***Taphonomy and relationships of the Talkeetna  
Mountain hadrosaur***  
Kevin Stack, M.S. candidate  
Information: 474-7565

2–3 P.M. – Runcorn Room (300 Reichardt Building)  
Dept. of Chemistry & Biochemistry M.S. defense  
***Characterizing the Afghanistan aerosol environment  
using size- and time-resolved aerosol chemical com-  
position measurements***  
Todd Fortun, M.S. candidate  
Information: Cathy Cahill, [cfcahill@alaska.edu](mailto:cfcahill@alaska.edu)

2:30–3:30 P.M. – Elvey Auditorium, 214 Elvey Building  
Life Sciences Seminar Series, sponsored by the Institute  
of Arctic Biology and the Department of Biology &  
Wildlife  
***Evolutionary trends in arterial O<sub>2</sub> chemosensing***  
Bill Milsom, University of British Columbia, Canada  
Information: [www.iab.uaf.edu/events](http://www.iab.uaf.edu/events)

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### **THURSDAY & FRIDAY:**

#### ***Volcanic Crises Awareness Workshop***

Geophysical Institute

**Thursday, February 16:** 8:30 A.M.–5 P.M.;

**Friday, February 17:** 8:30 A.M.–12:30 P.M.

The Alaska Volcano Observatory at the Geophysical Insti-  
tute would like to invite interested university faculty, staff  
and students and community members to participate in  
the free Volcanic Crisis Awareness workshop on February  
16 and 17. The course is also sponsored by the Federal  
Emergency Management Agency, the National Domestic  
Preparedness Consortium and the U.S. Department of  
Homeland Security.

This day-and-a-half awareness-level course will provide  
participants with an understanding of the complex factors  
that influence volcanic crises, and how organizational pre-  
paredness and community-level planning support mitiga-  
tion of volcanic hazards.

Registration and information at: [https://dms.ndptc.hawaii.edu/training/course\\_delivery/73](https://dms.ndptc.hawaii.edu/training/course_delivery/73)

Contact: Peter Webley, [pwebley@gi.alaska.edu](mailto:pwebley@gi.alaska.edu) (474-1542)

### **FRIDAY & SATURDAY:**

#### ***Bonanza Creek Long Term Ecological Research (BNZ-LTER) Annual Research Symposium***

Pike's Waterfront Lodge

**Friday, February 17:** 8 A.M.–evening;

**Saturday, February 18:** 8 A.M.–5 P.M.

More information at [www.lter.uaf.edu/sympo\\_2012.cfm](http://www.lter.uaf.edu/sympo_2012.cfm)

Contact: Jason Downing, [jpdowning@alaska.edu](mailto:jpdowning@alaska.edu)

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**FRIDAY, FEBRUARY 17 (continued)**

- 3:30–5:10 P.M. – 201 Reichardt Building  
Chapman Chair Seminars: GeoPRISM Science Along  
the Aleutian–Alaska Subduction Zone  
***Subduction-zone seismicity and faulting (part 2 of 2)***  
Steve Kirby, U.S. Geological Survey, Menlo Park, CA  
Today's seminar doubles as the Geology & Geophysics  
Seminar for this week.  
Information: 474-7565
- 3:30–4:30 P.M. – 214 O'Neill Building  
*By VCON from Juneau*  
SFOS Fisheries Division, Juneau Center Seminar  
***Evaluation of prey composition and nutritional  
value of diets of harbor seals (Phoca vitulina) from  
Tugidak Island, Alaska in warm and cool climatic  
periods***  
Gretchen Geiger, M.S. student, UAF  
Information: [www.sfos.uaf.edu/events](http://www.sfos.uaf.edu/events) or Shannon  
Atkinson, [shannon.atkinson@alaska.edu](mailto:shannon.atkinson@alaska.edu)
- 3:30–4:30 P.M. – 304 Eielson Building  
Anthropology prospectus defense  
***The praxis of fisheries as culture: The adaptive  
capacity of fishing communities in rural Alaska***  
Davin Holen, Alaska Department of Fish & Game, and  
Ph.D. student, UAF  
Information: [www.uaf.edu/anthro/events/](http://www.uaf.edu/anthro/events/) or Mark  
Sicoli, [msicoli@alaska.edu](mailto:msicoli@alaska.edu) (474-6884)
- 3:30–5 P.M. – 531 Duckering Building  
Water and Environmental Research Center Seminar  
***Title & speaker TBD***  
Information: <http://ine.uaf.edu/werc/seminars/> or Bill  
Schnabel, [weschnabel@alaska.edu](mailto:weschnabel@alaska.edu) (474-7789)
- 3:45 P.M. – Globe Room, 215 Elvey Building  
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.

**URSA Funding Opportunities**

The UAF Office of Undergraduate Research and Scholarly Activity (URSA) has funds available to support the following:

- Undergraduate student projects conducted June 1–August 31, 2012;
- Undergraduate student travel to present or support their individual research or creative projects;
- Faculty members participating in or preparing for mentoring undergraduate students in research or creative projects.

Guidelines and application deadlines for each of these categories can be found at <http://go.alaska.edu/ursa>

**Alaska Space Grant Funding Opportunities**

The Alaska Space Grant Program is currently soliciting proposals in three different program areas: Research Initiation, Higher Education, and Pre-college Education. Information available at <http://spacegrant.alaska.edu/> Funding. **Application deadline is March 1, 2012.**

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A PDF of this calendar is available for viewing or downloading at <http://www.cgc.uaf.edu/calendar.html>. A Google Calendar at the same URL provides additional information. To be included in the calendar, submit details by noon on Wednesday the week before your event to [cgc@iarc.uaf.edu](mailto:cgc@iarc.uaf.edu), by fax to 474-6722, or call 474-5818. This calendar will announce any lecture, seminar, workshop, thesis defense or other campus event with a science focus.

*Sponsored by the Center for Global Change and Arctic System Research as a service to the UAF community.*