



# LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology in cooperation with the Department of Biology & Wildlife, College of Natural Science and Mathematics.

Monday, 5 October 2009

## Announcements

**Undergrad Research Project Funding.** The UAF Center for Research Services has funds available for fall 2009 and spring 2010 UG research projects and **IAB will provide a 50% match available for use as student salary.** Maximum award is \$2,500. Projects from any discipline will be considered. The project must be the student's work with involvement of a faculty member at all stages.

CRS details and a downloadable application is online at [www.uaf.edu/research](http://www.uaf.edu/research). DEADLINE IS 5 P.M. OCT. 5. For more information on the IAB match contact Brian Barnes.

**Eliza Orr, CANHR Research Professional, got a nice surprise Tuesday morning** when she saw a picture of her son, U.S. Marine Cpl Bobby Orr, on the cover of the News-Miner. Bobby Orr is with the 1st Battalion 5th Marines in Nawa district, Helmand province, southern Afghanistan on his second tour. See [www.newsminer.com/photos/2009/sep/29/11311/](http://www.newsminer.com/photos/2009/sep/29/11311/) for more information.

**National Academies Graduate Fellowship Program in Policy and Global Affairs.** Eligible applicants include grad students and post-docs and individuals who have completed graduate studies or post-doc research in any physical or biological science, social/behavioral science, any field of engineering, law/business/public admin or any relevant interdisciplinary field within the last five years. The program takes place in Washington, D.C. Deadlines are Nov. 1 and May 1. See [www.national-academies.org/policyfellows](http://www.national-academies.org/policyfellows) for

more information.

**Staff compensation grid modifications approved by Board of Regents.** The newly approved grid will be implemented June 2010. More information will be available before that time to explain the renumbering of steps and to let staff members know whether and by how much hourly rates of pay will increase. The average increase will be 12 cents per hour and no one will have a reduction of pay. See <http://www.alaska.edu/classification/compensation-information/Staff-grid-proposed-change-Behner-Memo-9-21-09.pdf> for more information.

## Events and Seminars

### 7 October 2009

- **Seminar: Sustainability in a changing Arctic: forces for change and sustainability options**  
**F. Stuart "Terry" Chapin III**  
7:00PM  
Akasofu Building, room 401

## Travel

- **Bali, Archana**, 9/30/09 - 10/7/09, Yellow Knife, NT, Attend Bathurst Caribou Recovery Workshop
- **Barboza, Perry**, 10/4/09 - 10/7/09, San Antonio, TX, Invited seminar speaker at TTU.

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## LIFE SCIENCES SEMINAR

Friday, 9 October 2009

3:30PM - Elvey Auditorium, 214 Elvey Building

**Population Structure and Management Units in Large Mammals**

Kris Hundertmark

Institute of Arctic Biology, Department of Biology and Wildlife

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- **Barrales, Rocio**, 9/3/09 - 10/21/09, Guadalajara, Mexico, Collect seeds along Pacific Coast in the Chamela biological station.
- **Bret-Harte, Marion**, 9/30/09 - 10/17/09, Santa Barbara, CA, Attend work group at NCEAS
- **Brower, Pearl**, 10/3/09 - 10/6/09, Fairbanks, AK, RAP Retreat
- **Humphries, Grant**, 10/1/09 - 10/6/09, Whitehorse, YT, ACUNS Conference
- **Juday, Glen**, 9/4/09 - 11/15/09, Bonanza Creek, Fieldwork at Bonanza Creek
- **Mohatt, Gerald**, 10/5/09 - 10/7/09, Washington, DC, Attend 2009 NAIPIP Meeting- IDEA
- **Ritter, Donald**, 10/6/09 - 10/10/09, Anchorage, AK, Attend Rabies Conference
- **Spencer, David**, 9/4/09 - 11/15/09, Bonanza Creek, Fieldwork at Bonanza Creek
- **Vargas-Kretsinger Delia & Group**, 5/25/09 - 10/5/09, Beaver, AK, Conduct salmon fieldwork in Beaver area
- **Weiser, Emily**, 10/1/09 - 10/6/09, Whitehorse, Yukon, Attend the ACUNS Conference
- **Welch, Joseph**, 10/6/09 - 10/10/09, Anchorage, AK, Safe Capture Workshop
- **Wesier, Ellen**, 10/6/09 - 10/6/09, Anchorage, AK, Meet with attendees RD60 Seminar

## New Funding Opportunities

### Gulf of Alaska Integrated Ecosystem Research Program (North Pacific Research Board)

**Deadline:** 10/12/2009

DEADLINE HAS BEEN EXTENDED TO OCTOBER 12, 2009

This request for proposals is for the Forage Base component, the Lower Trophic Level & Physical Oceanography component and the Ecosystem Modeling component. Each component will be competed separately.

For more information, go to [nprb.org/goaierp/index.html](http://nprb.org/goaierp/index.html)

### 2009-2010 Undergraduate Research Competition (UAF Center for Research Services)

**Deadline:** 10/5/2009

Application Deadline October 5, 5p.m. AST

The Center for Research Services has funds available for undergraduates interested in conducting a research project during fall 2009 and/or spring 2010 semesters. Projects from any research discipline will be considered. The research project must be the student's work with a faculty member involved in all stages of the research.

A complete submission consists of a two and a half page application and an attached letter of recommendation from the faculty sponsor/mentor.

IAB will provide 50% match to CRS awards won in support of undergraduate research that is conducted in IAB faculty labs. The match will be available for use as student salary.

For more information, go to [www.uaf.edu/research](http://www.uaf.edu/research)

### Angus Gavin Memorial Migratory Bird Research Grant (Angus Gavin Migratory Bird Grant)

**Deadline:** 11/16/2009

Announcement of Availability for the 2010 Field Season

This grant is made possible by a gift from the Atlantic Richfield Company

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 designated 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 Alaska bird species and its effects on such species are acceptable under the terms of the grant.

Restrictions: Graduate students and faculty members employed within the University system

For more information, go to [www.alaska.edu/foundation/grantsandawards](http://www.alaska.edu/foundation/grantsandawards)

### The Science Master's Program (National Science Foundation)

**Deadline:** 11/20/2009

Letter of Intent due Monday, October 5

The NSF Science Master's program is a limited submission opportunity; one proposal may be submitted per institution, CRS will conduct an internal competitive review for PIs interested in submitting.

PIs interested in submitting to this opportunity are asked to

send a copy of their LOI for consideration to the Office of Sponsored Programs (fyosp@uaf.edu) by Wednesday, September 30.

For more information, go to [www.nsf.gov/publications/pubsumm.jsp?WT.z\\_pims\\_id=503428&ods\\_key=nsf09607](http://www.nsf.gov/publications/pubsumm.jsp?WT.z_pims_id=503428&ods_key=nsf09607)

## New IAB Publications

Legend: **f**=faculty, **r**=research associate, **s**=staff, **e**=emeritus, **a**=affiliate, **g**=grad student, **p**=post-doc, **u**=undergrad student, **h**=high school student

Winterbourn, Michael J., Cadbury, Sarah, Ilg, Christiane, and **Milner, Alexander M. (f)** (2008). Mayfly production in a New Zealand glacial stream and the potential effect of climate change. *Hydrobiologia* 603:211-219 [IAB 2649].

**Milner, Alexander M. (f)**, Brown, Lee E., and Hannah, David M. (2009). Hydroecological response of river systems to shrinking glaciers. *Hydrological Processes* 23:62-77 [IAB 2650].

Monaghan, Kieran A. and **Milner, Alexander M. (f)** (2009). Effect of anadromous salmon redd construction on macroinvertebrate communities in a recently formed stream in coastal Alaska. *Journal of the North American Benthological Society* 28:153-166 [IAB 2651].

Ledger, Mark E., Harris, Rebecca M.L., Armitage, Patrick D., and **Milner, Alexander M. (f)** (2008). Disturbance frequency influences patch dynamics in stream benthic algal communities. *Oecologia* 155:809-819 [IAB 2652].

Cadbury, S.L., Hannah, D.M., **Milner, A.M. (f)**, Pearson, C.P., and Brown, L.E. (2008). Stream Temperature Dynamics Within a New Zealand Glacierized River Basin. *River Research and Applications* 24:68-89 [IAB 2653].

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### Quote of the Day

Don't borrow someone else's spectacles to view yourself with.

[Simon Travaglia](#)  
more [Famous Quotes](#)