



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 1 April 2013

Announcements

IAB 2013 Graduate Research Fellowship Competition deadline is April 1. Eligibility, application requirements and contact details are [here](#).

CANHR announces [funding opportunity](#). Deadline: April 22, 2013. Awards are intended to foster the development of outstanding UAF research scientists working in research that addresses health concerns of Alaska Native people. Awards will support activities that lead to new competitive research proposals for sustainable, external funding, as well sustainability of existing CANHR core resources.

IAB Director's Office staffing changes. Effective Mar. 18, the DO office will not be physically staffed while we recruit for a new assistant to the director. Some duties have been [temporarily reassigned](#) as follows:

- Tina McAndrews: Director's calendar, petty cash, main IAB telephone, courier, and library and polycom scheduling.
- April Cannon: Deposits, gas cards, checks, receipts, fellowships, postage slips, and mail distribution.
- Jami Warrick: FedEx shipments, Wellness Break (Mar. 29).
- Genelle Tilton: LPOs, and petty cash payouts.

- Julie Logsdon: courier.

[NIH public access policy enforcement starts April 2013.](#) The policy ensures public access to the published results of NIH funded research. It requires scientists to submit final peer-reviewed journal manuscripts that arise from NIH funds to the digital archive PubMed Central upon acceptance for publication. Papers are to be on PubMed Central no later than 12 months after publication.

Attention PIs: The NSF has recently formed the Task Force on Administrative Burdens and is seeking recommendations from PIs for reducing the administrative workload associated with Federal awards. Responses to a Request for Information (RFI) will be considered as the Board develops recommendations to ensure investigators' administrative workload is at an appropriate level. Please respond to the RFI at http://www.nsf.gov/nsb/committees/ab/tskforce_ab_rf_i.jsp.

Congratulations to the Midnight Sun Science Symposium Winners:

- Individual session winners:
 - Microbiology: Christina (Nina) Hansen
 - Brains: Sara Johansen
 - Earth & Ecosystems: Ben Abbott

LIFE SCIENCES SEMINAR

Friday, 5 April 2013

2:30 PM - Elvey Auditorium, 214 Elvey Building

Resilience anyone? A constructive critique and discussion for real progress in sustainability and Alaska

Falk Huettmann, Associate Professor

Institute of Arctic Biology, Department of Biology and Wildlife, UAF

- Evolution: Emily Leseck
- Trophic Interactions: Jason McFarland
- Animal Interactions: Katie Christie
- Best Overall Talk:
 - 1st place - Cristina (Nina) Hansen
 - 2nd place - Ben Abbott
- Best Poster:
 - 1st place - Ben Abbott
 - 2nd place - Kurt Heim
- People's Choice Awards:
 - Talk - Joanna Young
 - Poster - Jen Curl

- **Chapin, Terry**, 4/6/13 - 4/27/13, Durban, South Africa and Montpellier, France, Resilience Alliance Workshop
- **Heim, Kurt**, 4/3/13 - 4/4/13, Nuiqsut, Alaska, present and attend a meeting
- **Hopkins, Scarlett**, 4/2/13 - 4/4/13, Bethel, YKHC Tribal Gathering/RAVEN Training
- **Huettmann, Falk**, 4/1/13 - 4/2/13, Portland, OR, Assessments
- **Hundertmark, Kris**, 3/17/13 - 6/9/13, Grenoble, France, Sabbatical research

Events and Seminars

3 April 2013

- **Meeting: The Wildlife Society Alaska Chapter Annual Meeting**
The Wildlife Society Alaska Chapter
8:00AM

4 April 2013

- **Meeting: The Wildlife Society Alaska Chapter Annual Meeting**
The Wildlife Society Alaska Chapter
8:00AM

5 April 2013

- **Meeting: The Wildlife Society Alaska Chapter Annual Meeting**
The Wildlife Society Alaska Chapter
8:00AM

Travel

- **Blair, Berill**, 4/1/13 - 4/3/13, Nuiqsut, AK, Attend subsistence advisory panel meeting

- **Kofinas, Gary**, 4/5/13 - 4/17/13, Durban, South Africa, Participate in the Resilience Alliance Science Meeting
- **Leigh, Mary Beth**, 1/28/13 - 4/10/13, Bangkok, Thailand, Research and Teaching/outreach
- **McFarland, Jason**, 4/3/13 - 4/4/13, Nuiqsut, Alaska, present and attend a meeting
- **Nu, Jennifer**, 4/4/13 - 4/7/13, Anchorage, AK Native Studies in the 21st Century Council Conference
- **Prugh, Laura**, 4/6/13 - 4/13/13, Carrizo Plain, CA, to conduct field work
- **Rasmus, Stacy**, 3/15/13 - 4/11/13, Russia, Data Collection
- **Walker, Skip**, 4/6/13 - 4/21/13, Rome, Italy-Krakow, Poland, European Vegetation Survey Conference in Rome and Arctic Science Summit Workshop in Krakow

Grants and Awards

Go to the IAB funding opportunities webpage, www.iab.uaf.edu/research/funding_opps.php, for the latest on available grants, scholarships, fellowships, and awards.

IAB in the News

3/22/13: KYUK Bethel (Public Media For Alaska's Yukon-Kuskokwim [U.S. Arctic Research Commission in Bethel](http://www.usarcticresearch.com) Andrea Bersamin

New IAB Publications

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

Shenoy, Aditi (g), **Kielland, Knut (f)**, and **Johnstone, Jill F. (r)** (2013). Effects of fire severity on plant nutrient uptake reinforce alternate pathways of succession in boreal forests. *Plant Ecology* online: [IAB 3672].

Knott, Katrina K. (g), Boyd, Daryle, Ylitalo, Gina M., and **O'Hara, Todd M. (f)** (2012). Lactational transfer of mercury and polychlorinated biphenyls in polar bears. *Chemosphere* 88:395-402 [IAB 3673].

Dubatolov, V.V. and **Philip, K.W. (r)** (2013). Review of the northern Holarctic *Arctia caja* complex (Lepidoptera: Noctuidae: Arctiinae). *Entomological Society of Canada* 145:147-154 [IAB 3674].

Cochran, Patricia, Huntington, Orville H., Pungowiyi, Caleb, Tom, Stanley, **Chapin III, F. Stuart (f)**, Huntington, Henry P., Maynard, Nancy G., and **Trainor, Sarah F. (r)** (2012). Indigenous frameworks for observing and responding to climate change. *Climatic Change* [IAB 3675].

Glass, Daniel J., **Takebayashi, Naoki (f)**, **Olson, Link E. (f)**, and **Taylor, D. Lee (f)** (2013). Evaluation of the authenticity of a highly novel environmental sequence from boreal forest soil using ribosomal RNA secondary structure modeling. *Molecular Phylogenetics and Evolution* 67:234-245 [IAB 3676].

Taylor, Donald L. (f), Barrett, Craig F., Beatty, Gemma E., **Hopkins, Sarah E. (g)**, Kennedy, Aaron H., and Klooster, Matthew R. (2013). Progress and Prospects for the Ecological Genetics of Mycoheterotrophs. *Mycoheterotrophy: The Biology of Plants Living on Fungi* [IAB 3677].

Pandey, madhav, Sharma, Jyotsna, **Taylor, Donald Lee (f)**, and Yadon, Vern L. (2013). A narrowly endemic photosynthetic orchid is non-specific in its mycorrhizal associations. *Molecular Ecology* [IAB 3678].

See the [UAF Cornerstone](http://cornerstone.uaf.edu) for more news and events (<http://cornerstone.uaf.edu>).

Quote of the Day

Here cometh April again, and as far as I can see the world hath more fools in it than ever.

[Charles Lamb](#)