



LIFE SCIENCE NEWS

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Monday, 20 April 2015

Announcements

IAB Summer Grad Research Fellowship

competition underway. Deadline 1 May 2015. Details [here](#).

The 2015 IAB-IMS Irving-Scholander Memorial Guest Lecturer will be [Mimi R. Koelh](#), professor of integrative biology, University of California, Berkeley. The public and scientists seminars are planned for the second week in September. Please mark your calendars and plan to join us. Details will be shared as soon as we have them. Link to [Koehl's lab](#).

Does the public trust science? National Research Council webinar, May 5-6, 2015. Explore the nuanced nature of trust in science - what the elements of trust are, and how trust is built, maintained, or lost. Details and registration [here](#).

Summer 2015 field course: UAF is hosting a 21-day summer field course: "Arctic Alaska Environmental Change" open to undergraduate and graduate students interested in Arctic environmental change. Details [here](#).

Fulbright Scholar Program. The 2016-17 program in arctic affairs features Iceland, Norway, Sweden, and Russia. Application deadline Aug. 3, 2015.

Are you supporting an Undergrad or Graduate student for summer? Please send an email to the IAB Human resources email address (uaf-iab-hr@alaska.edu) by April 27, 2015 with the

following information:

- Dates of appointment (summer semester is May 18 through August 22, 2015)
- Students full name and ID number
- Degree level of student: holds a Bachelor/Masters/PHD seeking passed comps
- Hours that they will be working per week
- Fund and org to pay their salary

NOTE: Summer assignments are set up as taxable unless the student is enrolled in 6 credits (undergraduate) or 9 credits (graduate) during the summer semester.

Events and Seminars

20 April 2015

- **Thesis Defense: Fear, forage, and snowfall: deer habitat selection and population dynamics in Alaska's temperate rainforest**
Sophie Gilbert
Department of Biology and Wildlife, UAF
2:30PM - 3:30PM
Murie Life Science Bldg, Murie Auditorium.

Travel

- **Boyer, Bert**, 4/14/15 - 4/23/15, Bethel, AK; Rural Alaska, WAISC conference, Data collection
- **Brinkman, Todd**, 4/12/15 - 4/20/15, Juneau and Sitka, AK, Attend TWS Conference in Juneau and Field work in Sitka
- **Edgar, Colin**, 9/1/14 - 6/15/15, Toolik Field Station,

Life Sciences Seminars in the Murie Auditorium, Fridays 3-4 p.m.
No seminar scheduled this week.

Field work

- **Epstein, Howard**, 4/19/15 - 4/24/15, Hyattsville, MD, Attend NASA CC&E/LCLUC Meetings
- **Ferrante, Andrea**, 4/25/15 - 4/25/15, Anchorage, AK, Sample processing at ANTHC
- **Huettmann, Falk**, 4/26/15 - 5/1/15, Amsterdam, Holland, Attend Arctic MPA Workshop - WWF
- **Hughes, Stephanie**, 4/25/15 - 4/25/15, Anchorage, AK, Sample processing at ANTHC
- **Larson, Lindy**, 4/20/15 - 4/21/15, Kenai, AK, Program / Fieldwork
- **McGuire, Dave**, 4/18/15 - 4/23/15, Beijing, China, Present research at Tsinghua University
- **Nu, Jennifer**, 4/14/15 - 4/20/15, Bethel, AK, Western Alaska Interdisciplinary Science Conference
- **Wipfli, Mark**, 4/23/15 - 4/26/15, Anchorage and Soldotna, AK, Attend EPSCoR SCTC Annual Meeting and field work

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

4/10/15: Monterey Herald
[Researchers say permafrost carbon release will be gradual](#)
David McGuire, Ted Schuur, Merritt Turetsky, Permafrost Carbon Network

4/10/15: CTV News
[Carbon release from thawing permafrost will be gradual: scientists](#)
David McGuire, Ted Schuur, Merritt Turetsky, Jennifer Harden, Permafrost Carbon Network

4/13/15: The Washington Post
[Hibernation for humans may not be a pipe dream forever](#)

Kelly Drew

4/13/15: Fairbanks Daily News-Miner
[Deep sleep: Is human hibernation possible?](#)
Kelly Drew

4/14/15: Fairbanks Daily News-Miner
[Study: Permafrost 'carbon bomb' unlikely](#)
David McGuire, Ted Schuur, Merritt Turetsky, Jennifer Harden, Permafrost Carbon Network

4/14/15: New Zealand Herald
[Is human hibernation possible?](#)
Kelly Drew

4/15/15: The Daily Climate
[Permafrost holds key to release of trapped carbon](#)
David McGuire, Ted Schuur, Merritt Turetsky, Jennifer Harden, Permafrost Carbon Network

4/16/15: Smithsonian
[Scientists Are Trying to Figure Out If Humans Can Hibernate Read more:](#)
<http://www.smithsonianmag.com/smart-news/scientists-are-trying-figure-out-if-humans-can-hibernate-180955018/#AhQlop0o8Q8LfPiY.99> Give the gift of Smithsonian magazine for only \$12!
<http://bit.ly/1cGUiGv> Follow us: @SmithsonianMag on Twitter
Kelly Drew

4/17/15: Alaska Dispatch News
[Permafrost 'carbon bomb' unlikely, but worries over northern thaw persist](#)
David McGuire, Bonanza Creek Long-Term Ecological Research program, Alaska Cooperative Fish and Wildlife Research Unit

4/20/15: Techie News
[Scientists optimistic about human hibernation; taking cue from animal hibernators](#)
Kelly Drew

4/20/15: Phys.org
[Decreasing biodiversity affects productivity of remaining plants](#)
David McGuire, Alaska Cooperative Fish and Wildlife

Research Unit, Bonanza Creek Long-Term Ecological
Research program

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

Schuur, E.A.G. (r), **McGuire, A.D. (f)**, Schadel,
C., Grosse, G., **Harden, J.W. (r)**, Hayes, D.J.,
Hugelius, G., Koven, C.D., Kuhry, P., Lawrence,
D.M., Natali, S.M., Olefeldt, D., Romanovsky, V.E.,
Schaefer, K., **Turetsky, M.R. (r)**, Treat, C.C., and
Vonk, J.E. (2015). Climate change and the
permafrost carbon feedback. 520:171-179 [IAB
3950].

See the [UAF Cornerstone](http://uafcornerstone.net/) for more news and events (http://uafcornerstone.net/).

Quote of the Day

Practice does not make perfect. Only perfect practice makes perfect.

[Vince Lombardi](#)