



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 25 November 2013

Announcements

IAB Holiday Party. Mark your calendar and plan to join us for IAB's Annual Holiday Potluck & Party on Friday, Dec. 6, from 6-10 p.m. at Birch Hill. For details contact Jessica Desrochers, x7649, jmdesrochers@alaska.edu.

SkiMass. Be part of the tradition! IAB's annual pre-holiday party costumed ski race will be Friday, Dec. 6, likely about 11 a.m. Details to come. Questions? Ask Marie Thoms, x7412, methoms@alaska.edu. Racers and volunteers needed.

IAB travel office update. Faculty, staff, and student travelers in AKCFWRU should send travel requests to Sonnary Campbell (x7811) and CANHR faculty, staff, and student travelers should send their travel requests to Valia Casey (x5528) effective Nov. 18.

Events and Seminars

25 November 2013

- **Seminar: Speciation, adaptation, and genome evolution through hybridization**

Taki Kawakami

3:00PM

Murie Life Science Bldg, Murie Auditorium.

28 November 2013

- **Notice: Thanksgiving Holiday**

29 November 2013

- **Notice: Thanksgiving Holiday**

- **Alaska Interior Society for Neuroscience movie night**

7:00PM

Murie Life Science Bldg, Murie Auditorium.

Travel

- **Brown, Casey**, 8/1/13 - 1/1/14, Delta Jct, AK, field work
- **Rasmus, Stacy**, 11/20/13 - 11/25/13, Bellingham, WA, Project Collaboration Meetings
- **Springer, Emilie**, 11/18/13 - 11/25/13, Chicago, IL, Attend/present at the American Anthropological Association Annual Meeting

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

11/22/13: Fairbanks Daily News-Miner

[UAF study of Tanana River ice leads researchers to write book on safe travel](#)

Knut Kielland

11/22/13: Alaska Native News

[Alaska Science Forum: By the light of the moon](#)

Laura Prugh

New seminar location & time for Fall 2013: Murie Building Auditorium, 3-4 p.m.
No seminar scheduled this week.

11/22/13: Juneau Empire
[Alaska Science Forum: By the light of the moon](#)
Laura Prugh

11/23/13: Anchorage Daily News
[Ned Rozell: Why are some animals active in moonlight?](#)
Laura Prugh

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

Meissner, Karin, Fiorentino, Dario, Schnurr, Sarah, Arbizu, Pedro Martinez, **Huettmann, Falk (f)**, Holst, Sabine, Brix, Saskia, and Svavarsson, Jorundur (2014). Distribution of benthic marine invertebrates at norther latitudes - An evaluation

applying multi-algorithm species distribution models. Journal of Sea Research 85:241-254 [IAB 3784].

Lee, Trixie N. (g), Buck, C. Loren, **Barnes, Brian M. (f)**, and **O'Brien, Diane M. (f)** (2013). A test of alternative models for increased tissue nitrogen isotope ratios during fasting in hibernating arctic ground squirrels. Journal of Experimental Biology 215:3354-3361 [IAB 3785].

Williams, C.T. (g), **Sheriff, M.J. (g)**, **Kohl, F. (s)**, **Barnes, B.M. (f)**, and Buck, C.L. (2012). Interrelationships Among Timing of Hibernation, Reproduction, and Warming Soil in Free-Living Female Arctic Ground Squirrels. Living in a Seasonal World 63-72 [IAB 3786].

Xu, Yichi, Shao, Chunxuan, **Fedorov, Vadim B. (r)**, **Goropashnaya, Anna V. (p)**, **Barnes, Brian M. (f)**, and Yan, Jun (2013). Molecular signatures of mammalian hibernation: comparisons with alternative phenotypes. BMC Genomics 14:567 [IAB 3787].

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

Quote of the Day

Do the right thing. It will gratify some people and astonish the rest.

[Mark Twain](#)