



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 30 September 2013

Announcements

[IAB/BW seek applicants for two wildlife management faculty positions.](#) Open at the assistant professor level, applicants must have earned a Ph.D. in wildlife biology, wildlife management or a related field. Each position will be a joint appointment (50:50) between UAF's Institute of Arctic Biology (www.iab.uaf.edu) and the Department of Biology and Wildlife in the College of Natural Sciences and Mathematics (www.uaf.edu/cnsm). Details at UAKjobs.com: www.uakjobs.com/applicants/Central?quickFind=82086 and www.uakjobs.com/applicants/Central?quickFind=82087

IAB Thanksgiving Potluck Nov. 18. Save the date, mark your calendar, and gather your favorite recipes in preparation for IAB's annual, fabulous, food-fest, celebration of Thanksgiving. Everyone is welcome and we'll gather from noon until the food is gone. A sign-up link will be coming soon.

[NSF DDIG program solicitation.](#) Directorate for Biological Sciences, Doctoral Dissertation Improvement Grant (DDIG). Full proposal deadline October 10, 2013. Please notify the proposal office as soon as possible if you plan to submit a proposal.

The M³ Cafe in the Murie Building is now open
7:30 a.m. - 2:30 p.m. Mon-Fri.

[NSF program solicitation.](#) Deadline Dec. 6. 2013. Arctic Natural Sciences; Arctic Social Sciences; Arctic System Science; Arctic Observing Network and Polar Cyberinfrastructure.

[PRFB NSF program solicitation.](#) Directorate for Biological Sciences, Postdoctoral Research Fellowships in Biology (PRFB). Full proposal deadline Oct. 8, 2013. Please notify the proposal office as soon as possible if you plan to submit a proposal.

[NSF IOS program solicitation.](#) Directorate for Biological Sciences, Division of Integrative Organismal Systems. Pre-proposal deadline Jan. 17, 2014. Please notify the proposal office well in advance of the deadline if you plan to submit a pre-proposal.

Events and Seminars

1 October 2013

- **Meeting: Biology Graduate Student Association (BGSA) meeting**
1:00PM

LIFE SCIENCES SEMINAR

Friday, 4 October 2013

3:00 PM - Murie Auditorium, Margaret Murie Life Sciences Building

Model selection as a tool for evolutionary inference

Bryan Carstens, Assistant Professor

Department of Evolution, Ecology, and Organismal Biology; The Ohio State University

Murie 107

2 October 2013

• **Seminar: The implications of thawing permafrost for groundwater-surface water interactions and nutrient fluxes**

CANCELED: Joshua C. Koch

1:00PM

Vera Alexander Learning Center, O'Neill 201

4 October 2013

• **Thesis Defense: Peeking through a frosty window: molecular insights into the communities of arctic soil fungi**

Ina Timling

10:00AM

107 Murie Building

Travel

- **Frey, Graham**, 7/1/13 - 10/31/13, Denali Highway, Alaska, Field work
- **Frost, Shalane**, 10/2/13 - 10/9/13, Delta Jct, AK, Field work
- **Frye, Cheryl**, 10/5/13 - 10/8/13, Honolulu, HI, Western Regional INBRE Meeting
- **Griffith, Brad**, 10/6/13 - 10/9/13, Milwaukee, Attend and Present at the Wildlife Society Annual Conference
- **Harwood, Christopher**, 9/15/13 - 9/30/13, Santa Marta, Colombia, Attend/Present paper at 5th Western Hemisphere Shorebird Meeting
- **Hopkins, Scarlett**, 10/5/13 - 10/9/13, Honolulu, HI, NIH IDeA regional conference
- **Leigh, Mary Beth**, 9/30/13 - 10/5/13, Syracuse, NY, Attend 10th Int'l Phytotechnologies Society Conference
- **Lewis, Tyler**, 10/4/13 - 10/10/13, Milwaukee, Attend the Wildlife Society Meeting
- **Lindberg, Mark**, 10/5/13 - 10/13/13, Milwaukee, WI, Attend and present at the National Conference for the Wildlife Society
- **Nettleton, Lorien**, 9/4/13 - 10/15/13, Delta Jct, Tok, Manley, Dalton Hwy, Field work
- **Roach, Jen**, 10/6/13 - 10/9/13, Milwaukee, Attend and Present at the Annual Wildlife Society Conference
- **Schoen, Erik**, 9/9/13 - 10/9/13, Chena River, Alaska, Data collection
- **Spellman, Katie**, 9/27/13 - 10/13/13, Baltimore, MD, Attend and present research at NAEAA
- **Suwal, Madan**, 7/10/13 - 10/10/13, Fairbanks, AK, Contract employment
- **Taylor, Barbara**, 10/4/13 - 10/10/13, Honolulu, HI, Western Regional INBRE Meetings and Collaboration Meetings
- **Toien, Oivind**, 9/15/13 - 10/31/13, Salt Lake City, UT, Attend and present at International Bear
- **Boyer, Bert**, 10/5/13 - 10/9/13, Honolulu, HI, NIH IDeA Regional Conference
- **Brian Barnes**, 10/6/13 - 10/10/13, Washington D.C., Attend NSF conference
- **Brown, Casey**, 8/1/13 - 1/1/14, Delta Jct, AK, field work; 10/6/13 - 10/11/13, Milwaukee, WI, Attend and present a poster at The Wildlife Society Conference
- **Carstens, Bryan**, 10/2/13 - 10/5/13, Fairbanks, AK, Life Sciences Seminar Speaker
- **Christie, Katie**, 10/4/13 - 10/10/13, Milwaukee, WI, TWS Conference
- **Drew, Kelly**, 10/4/13 - 10/10/13, Honolulu, HI, Western Regional INBRE Meetings and Collaboration Meetings
- **Dunlap, Kriya Group**, 7/4/13 - 10/1/13, Steese Hwy, Yukon River and Salcha, Field work to collect berries, salmon and canine blood samples
- **Ferrante, Andrea**, 10/5/13 - 10/8/13, Honolulu, HI, Western Regional INBRE Meeting
- **Flynn, Lauren**, 9/21/13 - 10/4/13, Talkeetna, Alaska, fieldwork

Association Conference

• **Winterstein, Mark**, 8/22/13 - 10/15/13, Delta Jct, Tok, Manley, Dalton Hwy, field work, extensive site network installation

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.

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

Lindberg, M.S. (f), **Sedinger, J.S. (e)**, and Lebreton, J.-D. (2013). Individual heterogeneity in black brant survival and recruitment with implications for harvest dynamics. *Ecology and Evolution* n/a-n/a [IAB 3766].

Haynes, T.B., Rosenberger, A.E., **Lindberg, M.S. (f)**, Whitman, M., and Schmutz, J.A. (2013). Method- and species-specific detection probabilities of fish occupancy in Arctic lakes: implications for design and management. *Can. J. Fish. Aquat. Sci.* 70:1055-1062 [IAB 3767].

Walker, J., Rotella, J.J., Stephens, S.E., **Lindberg, M.S. (f)**, Ringelman, J.K., **Hunter, C. (f)**, and Smith,

A.J. (2013). Time-lagged variation in pond density and primary productivity affects duck nest survival in the Prairie Pothole Region. *Ecological Applications* 23:1061-1074 [IAB 3768].

Walker, J., Rotella, J.J., Schmidt, J.H., Loesch, C.R., Reynolds, R.E., **Lindberg, M.S. (f)**, Ringelman, J.K., and Stephens, S.E. (2013). Distribution of duck broods relative to habitat characteristics in the Prairie Pothole Region. *The Journal of Wildlife Management* 77:392-404 [IAB 3769].

Walker, J., Rotella, J.J., Loesch, C., Renner, R.W., Ringelman, J.K., **Lindberg, M.S. (f)**, Dell, R., and Doherty, K.E. (2013). An integrated strategy for grassland easement acquisition in the Prairie Pothole Region, USA. *Journal of Fish and Wildlife Management* [IAB 3770].

Campbell, Matthew A. (g), Chen, Wei-Jen, and Lopez, J. Andres (2013). Are flatfishes (Pleuronectiformes) monophyletic?. *Molecular Phylogenetics and Evolution* 69:664-673 [IAB 3771].

Kendall, W.L., Barker, R.J., White, G.C., **Lindberg, M.S. (f)**, Langtimm, C.A., and Peñalosa, C.L. (2013). Combining dead recovery, auxiliary observations and robust design data to estimate demographic parameters from marked individuals. *Methods in Ecology and Evolution* 4:828-835 [IAB 3772].

Meixell, Brandt W. (g), **Lindberg, Mark S. (f)**, Conn, Paul B., Dau, Christian P., Sarvis, John E., and Sowl, Kristine M. (2013). Age-specific survival of tundra swans on the lower Alaska peninsula. *The Condor* 115:280-289 [IAB 3773].

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

Quote of the Day

It is not who is right, but what is right, that is of importance.

[Thomas Huxley](#)