



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 15 June 2015

Announcements

"Dealing with Dragons: Deciding If, When, and How to Intervene in Ecosystems." A June 22 seminar by Richard Hobbs, hosted by Terry Chapin and Christa Mulder. [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.](#)

Events and Seminars

19 June 2015

• **Webinar: National Weather Service Alaska Climate Forecast Briefing - June Rick Thoman**
National Weather Service Alaska Region
12:00PM - 1:00PM
https://accap.uaf.edu/NWS_Briefings

Travel

- **Barnes, Brian**, 6/16/15 - 6/16/15, ANC, Meet with UAA Provost re:INBRE
- **Deguines, Nicolas**, 5/13/15 - 6/19/15, Carrizo Plain National Monument, CA, Fieldwork
- **Edgar, Colin**, 9/1/14 - 6/15/15, Toolik Field Station, Field work

- **Herriott, Ian**, 6/13/15 - 6/28/15, Santa Fe, NM, Attend New Mexico INBRE Bioinformatics workshop
- **Mack, Michelle**, 6/14/15 - 6/19/15, Yellowknife, Canada, Field work
- **Moore, Jeanette**, 4/16/15 - 8/30/15, Toolik Field Station, Field work
- **Schoeller, Dale**, 6/12/15 - 6/17/15, Fairbanks, AK, Collaboration with Diane O'Brien

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)**, Schmidt, J.H., and **Walker, J. (g)** (2015). History of multimodel inference via model selection in wildlife science. *The Journal of Wildlife Management* [IAB].
- Rizzolo, D.J. (g)**, Schmutz, J.A., and Speakman, J.R. (2015). Fast and efficient: Postnatal growth and energy expenditure in an Arctic-breeding waterbird, the Red-throated Loon (*Gavia stellata*). *The Auk* 657-670 [IAB 3957].
- Read, E.K., **Patil, V.P. (g)**, Oliver, S.K., Hetherington, A.L., Brentrup, J.A., Zwart, J.A., Winters, K.M., Corman, J.R., Nodine, E.R., Woolway,

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

R.I., Dugan, H.A., Jaimes, A., Santoso, A.B., Hong, G.S., Winslow, L.A., Hanson, P.C., and Weathers, K.C. (2015). The importance of lake-specific characteristics for water quality across the continental United States. *Ecological Applications* 25:943-955 [IAB 3958].

Lord, Rachel (g) and **Kielland, Knut (f)** (2015). Effects of variable fire severity on forage production and foraging behavior of moose in winter. *Alces* 51:23-34 [IAB 3959].

Paragi, Thomas F., Seaton, C. Tom, Kellie, Kalin A., Boertje, Rodney D., **Kielland, Knut (f)**, Young, Donald D., Keech, Mark A., and DuBois, Stephen D. (2015). Browse removal, plant condition, and twinning rates before and after short-term changes in moose density. *Alces* 51:1-21 [IAB 3960].

Haynes, T.B. (g), Schmutz, J.A., **Lindberg, M.S. (f)**, and **Rosenberger, A.E. (g)** (2014). Risk of predation and weather events affect nest site selection by sympatric Pacific (*Gavia pacifica*) and Yellow-billed (*Gavia adamsii*) loons in arctic habitats. *Waterbirds* 37:16-25 [IAB 3961].

Haynes, T.B. (g), Schmutz, J.A., **Lindberg, M.S. (f)**, Wright, K.G., Uher-Koch, B.D., and **Rosenberger, A.E. (g)** (2014). Occupancy of yellow-billed and Pacific loons: evidence for interspecific competition and habitat mediated co-occurrence. *Journal of Avian Biology* 45:296-304 [IAB 3962].

Christie, K.S. (g), **Lindberg, M.S. (f)**, **Ruess, R.W. (f)**, and Schmutz, J.A. (2014). Spatio-temporal

patterns of ptarmigan occupancy relative to shrub cover in the Arctic. *Polar Biology* 37:1111-1120 [IAB 3963].

Lewis, T.L. (g), **Lindberg, M.S. (f)**, Schmutz, J.A., and Bertram, M.R. (2014). Multi-trophic resilience of boreal lake ecosystems to forest fires. *Ecology* 95:1253-1263 [IAB 3964].

Haynes, T.B. (g), **Rosenberger, A.E. (g)**, **Lindberg, M.S. (f)**, Whitman, M., and Schmutz, J.A. (2014). Patterns of lake occupancy by fish indicate different adaptations to life in a harsh Arctic environment. *Freshwater Biology* 59:1884-1896 [IAB 3965].

Gilbert, S.L. (g), **Lindberg, M.S. (f)**, **Hundertmark, K.J. (f)**, and Person, D.K. (2014). Dead before detection: addressing the effects of left truncation on survival estimation and ecological inference for neonates. *Methods in Ecology and Evolution* 5:992-1001 [IAB 3966].

Lewis, T.L. (g), **Lindberg, M.S. (f)**, Schmutz, J.A., Heglund, P.J., Rover, J., Koch, J.C., and Bertram, M.R. (2015). Pronounced chemical response of Subarctic lakes to climate-driven losses in surface area. *Global change biology* 21:1140-1152 [IAB 3967].

Lewis, T.L. (g), **Lindberg, M.S. (f)**, Schmutz, J.A., Bertram, M.R., and Dubour, A.J. (2015). Species richness and distributions of boreal waterbird broods in relation to nesting and brood-rearing habitats. *The Journal of Wildlife Management* 79:296-310 [IAB 3968].

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

Quote of the Day

The less we deserve good fortune, the more we hope for it.

[Lucius Annaeus Seneca](#)