



# LIFE SCIENCE NEWS

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Monday, 22 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. Koehl](#), 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

### 22 June 2015

• **Seminar: Dealing with Dragons: Deciding If, When, and How to Intervene in Ecosystems**

**Richard Hobbs**

Professor

The University of Western Australia

3:00PM - 4:00PM

Murie Life Science Bldg, Murie Auditorium.

### 23 June 2015

• **Webinar: Changing extreme streamflow patterns in boreal forest watersheds of Alaska**

**Katrina Bennett**

Los Alamos National Laboratory

10:00AM - 11:00AM

<https://accap.uaf.edu/streamflow>

## Travel

• **Abels, Mike**, 6/22/15 - 6/26/15, Toolik Field Station, NSF directors office visit

• **Bailey, Isaac**, 6/26/15 - 7/2/15, Vancouver, Canada, Present at the Brain 2015 conference

• **Barnes, Brian**, 6/22/15 - 6/23/15, SEA - ANC, Attend INBRE EAC Meeting; 6/24/15 - 6/26/15, TFS, Escort NSF Director to TFS

• **Bhowmick, Saurav**, 6/26/15 - 7/1/15, Vancouver, BC, Attend Brain 2015 Conference

• **Drown, Devin**, 6/26/15 - 7/10/15, Bloomington, IN, Work with collaborator at Indian University

• **Falke, Jeff**, 6/23/15 - 6/28/15, Juneau and Wrangell, AK, Meeting with colleagues and fieldwork

• **Herriott, Ian**, 6/13/15 - 6/28/15, Santa Fe, NM, Attend New Mexico INBRE Bioinformatics workshop

• **Moore, Jeanette**, 4/16/15 - 8/30/15, Toolik Field Station, Field work

• **Severns, Paul**, 6/25/15 - 7/8/15, Fairbanks, AK, Assist with the development of Butterfly Study Systems with Dr. Breed and Scientific Consultation

• **Vayndorf, Elena**, 6/24/15 - 6/28/15, Los Angeles, CA, Attend c.Elegans Conference

## Grants and Awards

Go to the IAB funding opportunities webpage, [www.iab.uaf.edu/research/funding\\_opps.php](http://www.iab.uaf.edu/research/funding_opps.php), for the latest on available grants, scholarships, fellowships,

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

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and awards.

## IAB in the News

6/19/15: Fairbanks Daily News-Miner

[Watershed association talks Chena River health, future](#)

Jeffrey Falke, Brock Huntsman, Alaska Cooperative Fish and Wildlife Research Unit

## 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

**Christie, K.S. (g)**, **Ruess, R.W. (f)**, **Lindberg, M.S. (f)**, and **Mulder, C.P. (f)** (2014). Herbivores influence the growth, reproduction, and morphology of a widespread Arctic willow. *Plos One* [IAB 3970].

**Roach, Jennifer K. (p)** and **Griffith Brad (f)** (2015). Climate-induced lake drying causes heterogeneous reductions in waterfowl species richness. *Landscape Ecology* 30:1005-1022 [IAB

3972].

**Spellman, K.V. (g)**, Schneller, L.C., **Mulder, C.P.H. (f)**, and Carlson, M.L. (2015). Effects of non-native *Melilotus albus* on pollination and reproduction in two boreal shrubs. *Oecologia* [IAB 3973].

**Larson, Don J. (g)**, Middle, Luke, Vu, Henry, Zhang, Wenhui, Serianni, Anthony S., Duman, John, and **Barnes, Brian M. (f)** (2014). Wood frog adaptations to overwintering in Alaska: New limits to freezing tolerance. *Journal of Experimental Biology* 217:2193-2200 [IAB 3974].

**Doak, P. (f)** and **Wagner, D. (f)** (2015). The role of interference competition in a sustained population outbreak of the aspen leaf miner in Alaska. *Basic and Applied Ecology* 16:434-442 [IAB 3975].

Treat, C.C., Natali, S.M., Ernakovich, J., Iversen, C.M., Lupascu, M., **McGuire, A.D. (f)**, Norby, R.J., Roy Chowdhury, T., Richter, A., Santruckova, H., Schadel, C., **Schuur, E.A.G. (r)**, Sloan, V.L., **Turetsky, M.R. (r)**, and Waldrop, M.P. (2015). A pan-Arctic synthesis of CH and CO production from anoxic soil incubations. *Global Change Biology* [IAB 3976].

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

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### Quote of the Day

Peace begins with a smile.

[Mother Teresa](#)