



# LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 4 August 2014

## Announcements

**Welcome to our new student assistants!** IAB welcomes Katia Lundell and Ariana Casey. Katia is assisting the business office and is located at the director's office reception desk. She's from Chigiak, is excited to be at IAB, and is seeking a degree in accounting. Ariana is assisting Jami Warrick in safety and is located in the proposal office. She's from a military family, has called Fairbanks home for several years, and is seeking a degree in biological sciences. Please introduce yourselves and give them a warm IAB welcome.

**Protection of minors mandatory training** for all UAF staff and faculty. Deadline 31 Aug. 2014. [Details here](#).

**Title IX mandatory training** for all UAF staff and faculty. Deadline 31 Aug 2014. [Schedule and instructions](#).

**Arctic Science Conference coming to Fairbanks:** The 2014 Arctic Science Conference, sponsored by the Arctic Division of the American Association for the Advancement of Science, will be held Sept. 27-28 in the Murie Building on UAF's West Ridge.

Five conference tracks are planned: Resilience and sustainability; biomedicine, biochemistry and the One Health Initiative; interdisciplinary science, technology, engineering and mathematics education; using art to communicate science; and citizen science.

Abstracts are invited for both podium and poster presentations. They are due no later than Aug. 20 .

Registration opens Aug. 1. See the [conference website](#) for more information.

## Events and Seminars

### 4 August 2014

• **Thesis Defense: Permafrost in a warmer world: net ecosystem carbon imbalance**

**Ben Abbott**

Biology and Wildlife, Institute of Arctic Biology

10:00AM - 11:00AM

Elvey Bldg, Elvey Auditorium rm 214

### 9 August 2014

• **Project BrownDown Training: Project BrownDown Citizen Science Volunteer Training**

11:00AM - 12:30PM

UAF Ski Hut

## Travel

• **Boldenow, Megan**, 7/20/14 - 8/25/14, Kotzebue, AK, Field work

• **Corsetti, Sierra**, 8/4/14 - 8/7/14, Willow, AK, Field work

• **Drew, Kelly**, 8/3/14 - 8/7/14, Los Angeles, CA, Present at Monitoring Molecules in Neuroscience meeting

• **Edgar, Colin**, 8/9/14 - 8/27/14, Cherskiy, Russia, Field work

• **Euskirchen, Eugenie**, 8/9/14 - 8/30/14, Cherskiy, Russia, Site visit and data collection

---

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

---

- **Falke, Jeff**, 8/7/14 - 8/13/14, Willow and Pedro Bay, Alaska, Field work
- **Groves, Pamela**, 8/6/14 - 8/14/14, Seattle, WA, Attend AMQUA Meeting
- **Harrington, Phill**, 8/9/14 - 8/15/14, Washington, DC, Attend NCURA Conference
- **Heim, Kurt**, 7/7/14 - 8/11/14, Inigok Field Camp, Field work
- **Hughey, Jared**, 7/20/14 - 8/12/14, Kotzebue, AK, Field work
- **Kielland, Knut**, 5/15/14 - 10/15/14, Bonanza Creek, Field work
- **Marsh, Amy**, 7/8/14 - 10/15/14, White Mountains Nat'l Rec Area and Interior AK, Field work
- **Matyshak, Gosha**, 8/2/14 - 8/16/14, Prudoe Bay, AK, Field work
- **Mulder Group**, 6/6/14 - 10/30/14, Bonanza Creek LTER Sites, field work
- **Nossov, Dana**, 7/8/14 - 10/15/14, White Mountains Nat'l Rec Area and Interior AK, Field work
- **O'Brien, Kristin**, 7/29/14 - 8/8/14, Edinburgh, Scotland, Attend International Fish Congress
- **Podlutsky, Andrej**, 8/3/14 - 8/23/14, Oklahoma City, OK, Research project
- **Pomeranz, Justin and group**, 7/17/14 - 9/20/14, Chena River Basin, Field work
- **Robinson, Brian**, 5/9/14 - 9/4/14, Seward, AK, Field work/Thesis Research
- **Shoen Group**, 3/16/14 - 12/31/14, Chena and Tanana Rivers in North Pole and Fairbanks areas, Field work for Chinook predation project
- **Stephen, Terilyn**, 8/2/14 - 8/8/14, Los Angeles, CA, Present at the 15th International Molecules in Neuroscience Conference
- **Voight, Rachel**, 5/31/14 - 8/6/14, Fairbanks, AK, Work in Jones lab
- **Wagner, Diane**, 6/15/14 - 8/18/14, Various Sites

around Interior Alaska, Field work

- **Walker, Skip**, 8/2/14 - 8/16/14, Prudoe Bay, AK, Field work
- **Wenninger, Alexandria**, 6/12/14 - 8/20/14, Various Sites in Interior Alaska, Field work
- **Wirth, Lisa**, 8/2/14 - 8/9/14, Prudoe Bay, AK, Fieldwork
- **Zhou, Jiake**, 6/4/14 - 12/17/14, Fairbanks, AK, Attend UAF

## 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, and awards.

## IAB in the News

7/26/14: Ames Tribune  
[Health and Science in Brief: July 27, 2014](#)  
Don Larson, Brian Barnes

7/28/14: KDLG Dillingham, Alaska public radio  
[Study Suggests Climate Change May Reduce Caribou Habitat](#)  
Todd Brinkman

7/30/14: National Geographic  
[5 Extreme Animals That Can Take the Heat—And Cold](#)  
Don Larson, Brian Barnes

7/31/14: The Columbian.com  
[Frogs freeze themselves for Alaska winters Study finds they can survive for months before thawing out](#)  
Don Larson, Brian Barnes

7/31/14: TheStar.com  
[So cool: The 'frozen' frogs of Alaska is a real thing](#)  
Don Larson, Brian Barnes

7/31/14: The Tundra Drums  
[Researchers seek citizen scientists for northern plants project](#)

Christa P. H. Mulder, Katie Spellman

7/31/14: Alaska Public Media

[Higher Wildfire Potential Could Impact Northeastern Alaska Caribou Herds](#)

Todd Brinkman

7/31/14: National Science Foundation: Science 360 video

[How wood frogs survive extreme temperatures](#)

Don Larson, Brian Barnes

8/1/14: The Bristol Bay Times

[Cold-weather frog research surpasses limits](#)

Don Larson, Brian Barnes

8/1/14: Alaska Dispatch News

[Hometown U: Arctic ground squirrels avoid 'social jet lag' with finely tuned biological clocks](#)

Don Larson, Brian Barnes

8/1/14: The Arctic Sounder

[Cold-weather frog research surpasses limits](#)

Don Larson, Brian Barnes

8/3/14: Fairbanks Daily News-Miner

[High-tech bird decoy fools flycatchers](#)

Julie Hagelin

## 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 9:e101716EP - [IAB 3863].

---

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

---

### Quote of the Day

If you want a thing done well, do it yourself.

[Napoleon Bonaparte](#)