



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 2 May 2016

Announcements

New IAB Operations Manager. We're pleased to announce that Jeanette Moore is IAB's new safety and space guru. Jeanette will continue in her research support role in addition to her new duties. Her office is 308A Irving I, x5455. We're thrilled to have someone with extensive research and lab experience and long familiarity with IAB.

Wilderness First Aid/CPR training: Spaces available, first-come, first-served.

May 9-10

8 a.m. to 5 p.m .

\$200 for Wilderness First Aid only

\$40 for CPR

You must pre-register and pay to attend.

Spaces will be filled on a first-come with a budget number, first-served basis.

IMPORTANT: You must contact the following three people simultaneously with acceptable payment to reserve a spot:

Brad Griffith dbgriffith@alaska.edu

Mark Wipfli mwipfli@alaska.edu

Kathy Pearce krpearse@alaska.edu

Bear-Firearms Training. The Alaska Cooperative Fish and Wildlife Research Unit is hosting a bear-firearmstraining Friday, 3 June, 2016 from 8am to ~6pm. There will be a classroom part on bear and firearm safety in the Unit conference room and a shotgun range qualification at a range near Chatanika. The Unit will provide transportation in the Unit Suburbans to Chatanika. There is no instructional fee, BUT each person who attends must pay \$12 for range insurance and range usage.

In addition, each participant must provide 100 rounds of shotgun slugs for the qualification (yes, 100 rounds). The cheapest slugs are ~\$1 each and participants would need to obtain these right away as the demand may challenge the supply in Fairbanks. Slugs are available at local Fairbanks retailers. The training will ONLY be for pump shotguns. Participants can check out shotguns from the IAB armory or use their own. There only need be 6 shotguns at the training as people can share (only 6 of 12 shoot at any one time).

Approximately 8 slots are available on first come with a budget number (UAF Fund/Org #s) for the range fees, first served.

Please contact Unit Leader Brad Griffith with questions. Brad.Griffith@alaska.edu.

LIFE SCIENCE HOUR SEMINAR

Friday, 6 May 2016

3:00 PM - Murie Life Science Bldg, Murie Auditorium.

Energy Balance: A Simple Equation, But a Complex Reality

Dale A. Schoeller, Professor Emeritus, Department of Nutritional Sciences
University of Wisconsin - Madison

[Battelle assumes management of NEON](#). The [National Science Foundation](#) has selected [Battelle](#), an independent, nonprofit research and development organization, to manage the construction, commissioning and initial operations of the National Ecological Observatory Network (NEON). Battelle, with a long history of program management and scientific expertise, will help ensure NEON's mission and its full scientific utility. For more information, please see Battelle's [press release](#).

Events and Seminars

3 May 2016

- **Notice: Finals**

- **Thesis Defense: Fire severity effects on nutrient dynamics and microbial activities in a Siberian larch forest**

Ludda Ludwig

B&W

9:00AM - 10:00AM

Irving I Bldg, rm 201

4 May 2016

- **Notice: Finals**

5 May 2016

- **Notice: Finals**

- **Meeting: IAB Faculty Meeting**

IAB Faculty Meeting

2:00PM - 3:00PM

Murie Bldg, rm 107

- **Thesis Defense: Climate-induced changes in ecological dynamics of the Alaskan boreal forest:**

A study of fire-permafrost interactions

Dana Brown

2:15PM - 3:15PM

Murie Life Science Bldg, Murie Auditorium.

6 May 2016

- **Notice: Finals**

8 May 2016

- **Notice: Commencement**

Travel

- **Detwiler, Peter**, 4/21/16 - 6/7/16, Barrow, AK, Field Work - Eider Migration Count

- **Harms, Tamara**, 4/29/16 - 5/5/16, Phoenix, AZ, Conduct experiments in Arizona streams and train personnel

- **Meyer, Benjamin**, 4/23/16 - 5/10/16, Homer, AK, Field work

- **Scheimreif, Kayla**, 4/21/16 - 6/7/16, Barrow, AK, Field work

- **Wipfli, Mark**, 5/2/16 - 5/4/16, Kenai, AK, Attend EPSCOR SCTC annual workshop

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

4/27/16: KUAC-FM

[Fairbanks' earliest leaf-out \(start listening at 04:10\)](#)
Eugenie Euskirchen, Alaska Cooperative Fish and
Wildlife Research Unit

4/28/16: Alaska Business Monthly
[Calling frogs signal the change of season](#)
Brian Barnes, Mark Spangler

4/28/16: ScienceDaily
[Hunting wolves near Denali, Yellowstone cuts wolf sightings in half](#)
Laura Prugh, Bridget Borg

4/29/16: Juneau Empire
[Comment Alaska Science Forum: Calling frogs signal change of the season](#)
Mark Spangler, Brian Barnes

4/29/16: Yellowstone Insider
[New Study Links Wolf Hunts With Frequency of Wolf Sightings In Yellowstone, Denali](#)
Laura Prugh, Bridget Borg

4/29/16: Outer Places
[Scientists Say Cryosleep Is the Only Way for Humans to Achieve Interstellar Travel](#)
Kelly Drew

4/29/16: Alaska Native News
[Wolf Hunting near Denali, Yellowstone Cuts Wolf Sightings in Half](#)
Bridget Borg, Laura Prugh

4/30/16: Fairbanks Daily News-Miner
[Study finds relation between wolf buffer zone and viewing success](#)
Laura Prugh, Bridget Borg

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

Mullett, Timothy C. (g), Gage, Stuart H., Morton, John M., and **Huettmann, Falk (f)** (2016). Temporal and spatial variation of a winter soundscape in Alaska. Landscape Ecology 31:1117-1137 [IAB 4078].

McKee, J.A. (I) and **Green, T.K. (n)** (2016). Solubilization of Hexafluorobenzene by the Micellar Aromatic Core Formed from Aggregation of Amphiphilic (2,3-O-Dibenzyl-6-O-sulfobutyl) Cyclodextrins. The Journal of Physical Chemistry. B [IAB 4248].

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

Quote of the Day

If you obey all the rules you miss all the fun.
[Katharine Hepburn](#)