



# LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 18 April 2016

## Announcements

**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](mailto:dbgriffith@alaska.edu)

Mark Wipfli [mwipfli@alaska.edu](mailto:mwipfli@alaska.edu)

Kathy Pearce [krpearse@alaska.edu](mailto:krpearse@alaska.edu)

**Faculty candidates for the integrative vertebrate physiologist position are here.** You're invited to the candidate's research seminars - calendar information [here](#).

**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](#).

**NIH Annual Student Visit Week** program for Alaska Native, Native American, and Native Hawaiian students interested in biomedical research and healthcare careers. Deadline April 22, 2016.

**UA Foundation open house.** Multiple dates in April

## Events and Seminars

### **20 April 2016**

• **Thesis Defense: Socio-ecological drivers of resource selection and habitat use by moose in Interior Alaska**

**Casey Brown**

10:00AM - 11:00AM

Akasofu Bldg, rm 401 (IARC)

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## LIFE SCIENCE HOUR SEMINAR

Thursday, 21 April 2016

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

**The evolutionary consequences of interspecies hybridization: insights from brown and polar bear genomes**

Beth Shapiro, Associate Professor, Ecology and Evolutionary Biology  
University of California Santa Cruz

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- **Faculty Candidate Seminar: Ecological questions, physiological answers: energy acquisition, storage, and use in vertebrates**

**John Whiteman**

Post-doctoral Research Associate and Adjunct Professor in Zoology and Physiology University of Wyoming, University of New Mexico, and Institute for Conservation Research, San Diego Zoo Global  
3:30PM - 4:30PM  
Murie Life Science Bldg, Murie Auditorium.

**21 April 2016**

- **Teaching Lecture: Teaching lecture: Proximate mechanisms of thermoregulation and evolution of homoeothermy in vertebrates**

**John Whiteman**

Post-doctoral Research Associate and Adjunct Professor in Zoology and Physiology University of Wyoming, University of New Mexico, and Institute for Conservation Research, San Diego Zoo Global.  
9:30AM - 10:30AM  
Irving I, room 201

**22 April 2016**

- **Notice: UAF SpringFest (no classes) UAF SpringFest (no classes)**

**Travel**

- **Barnes, Brian**, 4/15/16 - 4/25/16, Okazaki, Japan, Invited participant to the National Institute for Basic Biology Conference
- **Bellmore, Rebecca**, 4/8/16 - 4/28/16, Phoenix, AZ, Field Work
- **Brinkman, Todd**, 4/16/16 - 4/19/16, Hoonah, AK, Field work
- **Detwiler, Peter**, 4/21/16 - 6/7/16, Barrow, AK, Field Work - Eider Migration Count
- **Herriott, Ian**, 4/21/16 - 4/30/16, Walnut Creek, CA,

Attend Microbial Genomics & Metagenomics Workshop

- **Moore, Jeanette**, 4/12/16 - 4/20/16, Toolik Field Station, Spring Arctic Ground Squirrel Trapping
- **Ruess, Roger**, 4/21/16 - 4/23/16, Manhattan, KS, Invited talk at Kansas State University
- **Scheimreif, Kayla**, 4/21/16 - 6/7/16, Barrow, AK, Field work
- **Walker, Skip**, 4/17/16 - 4/20/16, Bethesda, MD, Attend NASA LCLUC Spring Science Meeting

**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**

4/11/16: Yes Magazine  
[No Fossil Fuel? No Problem—7 Ways We're Already Living More Locally](#)  
Andrea Bersamin, Jennifer Nu, Center for Alaska Native Health Research

4/15/16: Juneau Empire  
[White creatures changing with the season](#)  
David R. Klein

**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

**Vayndorf, E.M. (p), Scerbak, C. (g)**, Hunter, S., Neuswanger, J.R., Toth, M., Parker, J.A., Neri, C., Driscoll, M., and **Taylor, B.E. (f)** (2016). Morphological remodeling of *C. elegans* neurons during aging is modified by compromised protein homeostasis. 2:16001 Ep - [IAB 4031].

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**Quote of the Day**

The truth is more important than the facts.

[Frank Lloyd Wright](#)