



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 2 June 2014

Announcements

IAB Proposal Office closed Friday, June 6.

Sandra will be out and unavailable all day, Friday, June 6.

IAB job opening: Alaska Cooperative Fish and Wildlife Research Unit fiscal professional. Regular, full-time, grade 79. June 1 review date for applications. Short summary [here](#). UAKJobs link [here](#).

June 6 purchase deadlines. Check [\(here\)](#) for deadlines for the UAF procurement requisition cutoff schedule for Fund 1.

Attn: IAB Research Scientists! Many of you will be receiving your renewal contract letter shortly. Please respond promptly to maintain your affiliation with IAB. Contact [Jessica Desrochers](#), assistant to the director, for more information.

Specimen collection: Essential tool?

(Re)extinction? Kevin Winker, curator of birds at the UA Museum joined more than 120 colleagues to rebut criticism of scientific collecting published in April in Science. Winker's blog [here](#). News release [here](#). Original paper in Science: 18 April 2014: 260-261. Replies and response: 23 May 2014: 814-816.

CANHR's Children's Healthy Living Program is having a winter clothing drive. Out with the old and in with the new, but don't let that used winter gear go to waste. The Children's Healthy Living Program

in the Center for Alaska Native Health Research is organizing a preschooler-sized winter clothing and equipment drive. For preschoolers to be physically active in the winter, they need the right gear! We need your help to make Fairbanks a more active community. Donate winter gear appropriate for children ages 2-8 years old in the Arctic Health Research Building (Room 105) or the Patty Center. We are collecting anything from skis and sleds to jackets and snow pants. Items must be clean and in good condition!

Events and Seminars

3 June 2014

- **MRI Safety Workshop: Magnetic Resonance Safety for MR Personnel including Fire, Security, Engineering and Environmental Services**

Phil Shenk

1:00PM - 2:00PM

Murie Life Science Bldg, Murie Auditorium.

Travel

- **Barnes, Brian**, 6/5/14 - 6/10/14, Oklahoma City, Speaker: American Society of Mammologists Conf.
- **Berner, James**, 6/2/14 - 6/5/14, Fairbanks, AK, Annual External & Alaska Advisory Council Meeting
- **Bersamin, Andrea**, 6/5/14 - 6/14/14, Pago Pago, American Samoa, Project Collaboration Meeting
- **Boldenow, Megan**, 5/8/14 - 7/13/14, Kotzebue, AK, Field work in Cape Krusenstern

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

- **Chapin, Terry**, 4/28/14 - 6/2/14, Girdwood, AK. Tromso, Norway. Montpellier, France, Attending Moose Conference, Tundra Workshop and Resilience Conference
- **Chen, Jack**, 5/31/14 - 6/5/14, Little Rock, AR, Attend 2014 APHL Annual Meeting
- **Chow, Lorraine**, 4/15/14 - 6/7/14, Carrizo Plain, CA, Conduct fieldwork in support of research project in Carrizo Plain
- **Craig, Heather**, 6/1/14 - 6/24/14, Galbraith Lake, AK, Field work
- **Dunlap, Kriya**, 5/31/14 - 6/2/14, Anchorage, AK, Present at the Higher Education Teaching and Learning Conference
- **Flynn, Lauren**, 6/2/14 - 6/20/14, Talkeetna, AK, field work
- **Grajal-Puche, Alejandro**, 4/15/14 - 6/7/14, Carrizo Plain, CA, Conduct fieldwork for research project in Carrizo Plain, CA
- **Hansell, Holly**, 4/1/14 - 6/30/14, Fairbanks, AK, Blanket mileage for local Fairbanks Driving
- **Hansen, Cristina**, 6/5/14 - 6/10/14, Barrow, AK, field work
- **Irvin, Charles**, 6/2/14 - 6/5/14, Fairbanks, AK, Annual External & Alaska Advisory Council Meeting
- **John, Simeon**, 6/2/14 - 6/5/14, Fairbanks, AK, Annual External & Alaska Advisory Council Meeting
- **Kielland, Knut**, 5/15/14 - 10/15/14, Bonanza Creek, Field work
- **Klejka, Joseph**, 6/3/14 - 6/4/14, Fairbanks, AK, Annual External & Alaska Advisory Council Meeting
- **Koonce, Carolyn**, 3/17/14 - 8/31/14, Fairbanks, AK, Work at UAF
- **Mau, Marjorie**, 6/2/14 - 6/4/14, Fairbanks, AK, Annual External & Alaska Advisory Council Meeting
- **McFarlin, Kelly**, 6/2/14 - 6/6/14, Canmore, Alberta, Canada, present at the 37th AMOP Technical Seminar on Environmental Contamination
- **Moore, Jeanette**, 4/18/14 - 8/1/14, Toolik Field Station, Summer field work
- **Mosher, Bryan**, 5/14/14 - 7/30/14, Washington, DC, Internship at the National Institutes of Health
- **Murphy, Carl**, 6/1/14 - 6/14/14, Irvine, CA, MRI Service Training
- **Pericak-Vance, Margaret**, 6/2/14 - 6/5/14, Fairbanks, AK, Annual External & Alaska Advisory Council Meeting
- **Power, Julianne**, 5/31/14 - 6/15/14, Pago Pago, American Samoa, Project Collaboration Meeting
- **Rasmus, Stacy**, 6/7/14 - 6/14/14, Washington, DC, Conference: Garrett Lee Smith State/Tribal Suicide Prevention Grantee Mtg/ Data Collection
- **Robinson, Brian**, 5/9/14 - 9/4/14, Seward, AK, Field work/Thesis Research
- **Schnurr, Theresa**, 5/31/14 - 6/2/14, Anchorage, AK, Present at the Higher Education Teaching and Learning Conference
- **Shoen Group**, 3/16/14 - 12/31/14, Chena and Tanana Rivers in North Pole and Fairbanks areas, Field work for Chinook predation project
- **Voight, Rachel**, 5/31/14 - 8/6/14, Fairbanks, AK, Work in Jones lab
- **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, for the latest on available grants, scholarships, fellowships, and awards.

IAB in the News

2/10/14: Voice of Russia
[Self-freezing frogs -- it's true](#)
 Don Larson, Brian Barnes

4/14/14: Gizmodo

[This Alaskan frog can survive getting frozen and thawed](#)

Don Larson, Brian Barnes

4/22/14: Discover

[Frogs survive subzero temperatures by living as ice cubes](#)

Don Larson, Brian Barnes

5/31/14: Alaska Dispatch

[Study: Red foxes conquering the North Slope thanks in part to human food](#)

Garrett Savory, Diane O'Brien

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

Quinones, Q.J., Ma, Q., Zhang, Z., **Barnes, B.M. (f)**, and **Podgoreanu, M.V. (r)** (2014). Organ Protective Mechanisms Common to Extremes of Physiology: A Window through Hibernation Biology. Integrative and Comparative Biology [IAB 3836].

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

Quote of the Day

I can live for two months on a good compliment.

[Mark Twain](#)