



LIFE SCIENCE NEWS

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Monday, 5 May 2014

Announcements

Health Benefits Open Enrollment is underway through Friday, May 16. Packets will NOT be mailed this year. Information and forms online [here](#). Q&A forums are Thurs., May 8, 1-2 p.m. in Wood Center Ballroom and Tue., May 13, 11-noon, CTC, room 119.

Congratulations to Roger Ruess! Congratulations to Roger Ruess! Please join me in congratulating Professor Roger Ruess on being selected for the 2014 Emil Usibelli Distinguished Research Award, UAF's most prestigious faculty award.

Roger has been at the Institute of Arctic Biology and the Department of Biology and Wildlife since 1989 as a ecosystem ecologist with research interests in the structure and function of boreal forest environments. His work specializes on what controls growth and diversity of plants and trees in highly seasonal environments, especially the roles of nutrient availability, plant-fungal and plant-animal interactions, and disturbance from floods, fire, and herbivory. Roger is currently the principal investigator of the Bonanza Creek Long-Term Ecological Research (BNZ-LTER) program.

The Emil Usibelli Distinguished Teaching, Research, and Public Service Awards have been presented annually since 1992. The three \$10,000 awards go to individuals who are exemplary in their contributions to the discovery, communication, and use of knowledge.

Brian M. Barnes

Director, Institute of Arctic Biology

IAB business office update: With Rachell Peterson's departure, Executive Officer Phill

Harrington is the point of contact for questions about Fund I and is now supervising Sonnary Campbell, travel; Sharon Corbett, post-award specialist; and Paul Rogers, procurement.

2014 Toolik Lake Classic is a contest to guess when Toolik Lake will become 100% ice-free in 2014. To encourage educated guessing, CALON* and Toolik Field Station staff has made current surface conditions of the lake available to the public via an array of wireless web cameras around the lake perimeter. These cameras capture images at three-hour intervals between 9:00 a.m. and 7:00 p.m. (AKDT). A chart of dates the lake became ice-free from 2000-2013 is also available online. The winner of the contest will receive a customized Toolik Field Station 2014 Ice Classic coffee mug. Deadline for entering a guess: Monday, 12 May 2014. To submit a guess, go to:

<http://www.arcticlakes.org/toolik-ice-classic.html>

. The *Circum-Arctic Lakes Observation Network (CALON) project in collaboration with the Toolik Field Station staff announces this call for participation. Toolik Field Station is the location of the National Science Foundation's Arctic Long Term Ecological Research (ALTER).

Supercomputing symposium May 9, 2-4:30 p.m., 215 Elvey Bldg, Globe Room, to highlight ways UAF research can benefit from high-performance computing, access to the Arctic Region Supercomputing Center's virtualized hosting environment, and ARSC's user support and large data storage.

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

Events and Seminars

5 May 2014

- **Notice: Last day of classes**
- **Thesis Defense: Physical Activity, Diet, and Obesity during adolescence**
Janne Maier
IAB, CANHR
8:00AM - 9:00AM
Murie Bldg, rm 107

- **BGSA Meeting: BGSA monthly meeting**
12:00PM - 12:45PM
Murie Bldg, rm 105

6 May 2014

- **Notice: Final exams**

7 May 2014

- **Notice: Final exams**

8 May 2014

- **Notice: Final exams**

9 May 2014

- **Notice: Final exams**

11 May 2014

- **Notice: Commencement**

Travel

- **Abels, Mike**, 5/8/14 - 5/10/14, Toolik Field Station, project administrative review
- **Bali, Archana**, 5/4/14 - 5/9/14, Montpellier, France, Attend Resilience 2014 Conference
- **Blair, Berill**, 5/4/14 - 5/9/14, Montpellier, France, Attend Resilience 2014 Conference
- **Boyer, Bert**, 5/7/14 - 5/9/14, YK Delta, Community Planning Group Meeting
- **Bronen, Robin**, 5/4/14 - 5/9/14, Montpellier,

France, Attend Resilience Conference

- **Brown, Casey**, 5/4/14 - 5/9/14, Montpellier, France, Attend Resilience 2014 Conference
- **Chapin, Terry**, 4/28/14 - 6/2/14, Girdwood, AK, Tromso, Norway. Montpellier, France, Attending Moose Conference, Tundra Workshop and Resilience Conference
- **Charles, Stephen W**, 5/7/14 - 5/9/14, YK Delta, Community Planning Group Meeting
- **Chow, Lorraine**, 4/15/14 - 6/7/14, Carrizo Plain, CA, Conduct fieldwork in support of research project in Carrizo Plain
- **Cost, Doug**, 5/4/14 - 5/9/14, Montpellier, France, Attend Resilience 2104 Conference
- **Crane, Kyle**, 5/1/14 - 5/7/14, Pittsburgh, PA, Present at the Immunology 2014 Conference
- **Daly, Kathryn**, 4/18/14 - 5/14/14, Toolik Field Station, Spring field work
- **Ferrante, Andrea**, 5/1/14 - 5/7/14, Pittsburgh, PA, Attend Immunology 2014 Conference
- **Grajal-Puche, Alejandro**, 4/15/14 - 6/7/14, Carrizo Plain, CA, Conduct fieldwork for research project in Carrizo Plain, CA
- **Hansen, Winslow**, 5/4/14 - 5/9/14, Montpellier, France, Attend Resilience Conference
- **Hopkins, Scarlett**, 5/7/14 - 5/9/14, YK Delta, Community Planning Group Meeting
- **Hum, Richard**, 5/4/14 - 5/9/14, Montpellier, France, Attend Resilience 2014 Conference
- **Jones, Charles**, 5/4/14 - 5/9/14, Montpellier, France, Attend Resilience Conference
- **Kofinas, Gary**, 4/26/14 - 5/11/14, Montpellier, France, Attend Resilience 2014 Conference and Resilience Science Meeting
- **Koonce, Carolyn**, 3/17/14 - 8/31/14, Fairbanks, AK, Work at UAF
- **Leewis, Mary-Cathrine**, 5/4/14 - 5/9/14, Walnut

Creek, CA, Attend JGI Microbial Genomics and Metagenomics Workshop

- **McGuire, Dave**, 5/10/14 - 5/16/14, Stockholm, Sweden, Present at Carbon Pools in Permafrost Workshop and participate in Permafrost Carbon Network Meeting
- **Moore, Jeanette**, 4/18/14 - 8/1/14, Toolik Field Station, Summer field work
- **Orr, Eliza**, 5/7/14 - 5/9/14, YK Delta, Community Planning Group Meeting
- **Prugh, Laura**, 5/6/14 - 5/11/14, Carriso Plain, CA, Fieldwork
- **Shoen Group**, 3/16/14 - 12/31/14, Chena and Tanana Rivers in North Pole and Fairbanks areas, Field work for Chinook predation project
- **Smith, Matthew**, 4/20/14 - 5/20/14, Argentina, Field work
- **Spellman, Katie**, 5/4/14 - 5/9/14, Montpellier, France, Attend Resilience 2014 Conference
- **Stone, Daphne**, 5/10/14 - 5/16/14, Fairbanks, AK, Conduct Lichen training

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

4/22/14: AEON Magazine

[Moonstruck The lunar phases influence all sorts of creatures from cheetahs to eagle owls. Does the moon tug on human behaviour too?](#)

Laura Prugh

4/23/14: TheDodo.com

[Frog frozen solid for 200 days, wakes up in stunning timelapse](#)

Brian Barnes, Don Larson

4/23/14: Zoophysiolgist.tumblr.com

[Freezing Frogs: How Extreme Can They Go?](#)

Brian Barnes, Don Larson

5/1/14: Fairbanks Daily News-Miner

[UAF honors outstanding graduates](#)

5/3/14: Alaska Dispatch

[Study: Alaska wood frogs are champion deep-freeze hibernators](#)

Brian Barnes, Don Larson

5/4/14: Fairbanks Daily News-Miner

[Three weeks in the saddle, studying climate change in Alaska's Arctic](#)

5/4/14: Alaska Dispatch

[Recollections from a three-week stint as an Arctic researcher](#)

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

Quote of the Day

Think of all the beauty still left around you and be happy.

[Anne Frank](#)