



# LIFE SCIENCE NEWS

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## Announcements

**Cristina Hansen, UAF biology and wildlife PhD candidate and USGS Alaska Science Center volunteer** won the 2014 Wildlife Disease Association Graduate Student Research Recognition Award for her paper "Microbial infection as a source of embryo mortality in wild geese on the Arctic Coastal Plain of Alaska," which provides the first evidence of bacterial-induced embryo mortality in the Arctic and in eggs of wild geese. As part of her award, Cristina was selected as the keynote speaker for the student presentation session. Hansen's research was conducted in collaboration with USGS Wildlife Biologists Brandt Meixell and Caroline Van Hemert, and was supported by funding from the USGS Wildlife Disease Program and the USGS Changing Arctic Ecosystems Initiative. More information about the USGS Alaska Science Center's Wildlife Disease Program can be found at [http://alaska.usgs.gov/science/biology/wildlife\\_diseases/index.php](http://alaska.usgs.gov/science/biology/wildlife_diseases/index.php).

**Knut Kielland's book review** of "Tundra-tiaga biology: human, plant, and animal survival in the Arctic" is published in Ecology. Read more [here](#).

**If you're supporting a grad RA in AY14-15:** Please contact IAB HR ([KC Love](#)) with the following info: grad student name; ID #; semester(s) for which you are providing a stipend, tuition, and insurance; and fund and org account numbers.

**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

### 19 August 2014

• **Wildland Fire Discussion: Wildland Fire in Canada: Research Questions and Applications for Alaska**

**Mike Wotton**  
Canadian Forest Service  
10:00AM - 12:00PM  
Room 405, IARC

### 22 August 2014

• **Seminar: Neuroecology of Fear Learning in American Crows**  
**John Marzluff (hosted by George Happ)**

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

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Professor  
University of Washington  
3:00PM - 4:00PM  
Murie Life Science Bldg, Murie Auditorium.

## Travel

- **Boldenow, Megan**, 7/20/14 - 8/25/14, Kotzebue, AK, Field work
- **Boyer, Bert**, 8/17/14 - 8/23/14, Washington, DC / Seattle, WA, NIH Study Section Mtg/ Collaboration Mtg
- **Brownlee, Annalis**, 7/2/14 - 8/31/14, Tok, AK, Field work
- **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
- **Falke, Jeff**, 8/16/14 - 8/22/14, Quebec, Canada, Attend American Fisheries Society Annual Meeting
- **Hopkins, Scarlett**, 8/15/14 - 8/23/14, Seattle, WA, Project Collaboration Meeting
- **Keyes, Bernadine**, 8/4/14 - 8/18/14, YKHC Delta, Project Collaboration Meeting
- **Kielland, Knut**, 5/15/14 - 10/15/14, Bonanza Creek, Field work
- **Leewis, Mary-Cathrine**, 8/23/14 - 8/30/14, Seoul, South Korea, Attend International Society of Microbial Ecology Conference
- **Leigh, Mary Beth**, 8/23/14 - 8/30/14, Seoul, Korea, Present at the International Society for Microbial Ecology Conference
- **Marsh, Amy**, 7/8/14 - 10/15/14, White Mountains Nat'l Rec Area and Interior 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'Neal, Naomi**, 8/16/14 - 9/2/14, Nuiqsut, AK, Field work
- **Okano, Kyoko**, 8/11/14 - 9/5/14, Denali National Park, AK, Field work
- **Podlutzky, 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
- **Rasmus, Stacy**, 8/21/14 - 8/29/14, Bellingham, WA, Project Collaboration Meeting/ Presenting
- **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
- **Wagner, Diane**, 6/15/14 - 8/18/14, Various Sites around Interior Alaska, Field work
- **Wenninger, Alexandria**, 6/12/14 - 8/20/14, Various Sites in Interior Alaska, Field work
- **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

8/13/14: Phys.org  
[University of Alaska Fairbanks awarded \\$18.8 million for biomedical research, education](http://www.phys.org/news/story.php?id=25882)  
Brian Barnes

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

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**Quote of the Day**

A hero is one who knows how to hang on one minute longer.

[Novalis](#)