



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.

Events and Seminars

1 September 2014

- **Notice: Labor Day Holiday**

4 September 2014

- **Notice: First day of classes**

5 September 2014

- **Thesis Defense: Monitoring Energy and Nitrogen Availability for Arctic Caribou**
Lindsay VanSomeren

IAB, B&W

1:00PM - 2:00PM

Irving I Bldg, rm 201

Travel

- **Barnes, Brian**, 8/31/14 - 9/14/14, Skukuza, Kruger National Park, South Africa, Opening speaker, 5th International Symposium on the PPTR
- **Boyer, Bert**, 9/1/14 - 9/5/14, Bethesda, MD / Washington, DC, Attend Health Disparities in Genomic Med Conf / Mtg
- **Brown, Dana**, 8/29/14 - 9/4/14, Tok, AK, Field work
- **Edgar, Colin**, 9/1/14 - 6/15/15, Toolik Field Station, Field work
- **Epstein, Howard**, 8/31/14 - 9/4/14, Fairbanks, AK, Attend Arctic Biomass Workshop

LIFE SCIENCES SEMINAR

Friday, 5 September 2014

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

Systematic Studies of Vanilla: The Ice Cream Orchid

Ken Cameron, Director, Wisconsin State Herbarium; professor, Department of Botany, University of Wisconsin, Madison.

- **Hopkins, Scarlett**, 9/7/14 - 9/9/14, YK Delta, Data Collection/Presenting
- **Kielland, Knut**, 5/15/14 - 10/15/14, Bonanza Creek, Field work
- **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
- **Orr, Eliza**, 9/7/14 - 9/9/14, YK Delta, Focus Group Meeting
- **Pomeranz, Justin and group**, 7/17/14 - 9/20/14, Chena River Basin, Field work
- **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

- **Thomasson, Ariel**, 8/29/14 - 9/7/14, Fairbanks, Transporting and installing Trophic Cascades art exhibit
- **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

8/27/14: Sit News (Ketchikan, Alaska)
[Why don't hibernating bears get osteoporosis?](#)

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

He, Y., Zhuang, Q., **Harden, J.W. (r)**, **McGuire, A.D. (f)**, Fan, Z., Liu, Y., and Wickland, K.P. (2014). The implications of microbial and substrate limitation for the fates of carbon in different organic soil horizon types: a mechanistically based model analysis. *Biogeosciences* 11:4477-4491 [IAB 3881].

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

Quote of the Day

Never cut what you can untie.

[Joseph Joubert](#)