



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 9 September 2013

Announcements

NSF program solicitation. Deadline Dec. 6, 2013. Arctic Natural Sciences; Arctic Social Sciences; Arctic System Science; Arctic Observing Network and Polar Cyberinfrastructure.

Faculty electronic annual activity reports. Faculty180 is now live and available for faculty who wish to electronically submit their AARs (due 10/2/13).

PRFB NSF program solicitation. Directorate for Biological Sciences, Postdoctoral Research Fellowships in Biology (PRFB). Full proposal deadline Oct. 8, 2013. Please notify the proposal office as soon as possible if you plan to submit a proposal.

NSF IOS program solicitation. Directorate for Biological Sciences, Division of Integrative Organismal Systems. Pre-proposal deadline Jan. 17, 2014. Please notify the proposal office well in advance of the deadline if you plan to submit a pre-proposal.

Electronic course evaluation system demo schedule. UAF will revisit four systems and

encourages broad participation by the campus community. For purposes of meaningful comparison, the Provost's Office is soliciting volunteers to serve on a core working group that will be responsible for participating in all four demonstrations plus an internal debrief and discussion.

Events and Seminars

10 September 2013

- **Meeting: BGSA Meeting**
1:00PM
Murie 107

Travel

- **Bersamin, Andrea**, 9/7/13 - 9/14/13, YK Delta, Data collection
- **Bias, Salena**, 9/8/13 - 9/13/13, YK Delta, Data collection
- **Boyer, Bert**, 9/13/13 - 9/15/13, Anchorage, Project collaboration meeting
- **Brown, Casey**, 8/1/13 - 1/1/14, Delta Jct, AK, field work
- **Christa Mulder Group**, 6/7/13 - 9/20/13, Bonanza Creek, Weekly phenology checks

LIFE SCIENCES SEMINAR

Friday, 13 September 2013

3:00 PM - Murie Building, Murie Auditorium

Biological stoichiometry of nutrient limitation in ecology and evolution

James Elser, Regents' Professor and Distinguished Sustainability Scientist
Arizona State University

- **Dunlap, Kriya Group**, 7/4/13 - 10/1/13, Steese Hwy, Yukon River and Salcha, Field work to collect berries, salmon and canine blood samples
- **Edgar, Colin**, 8/23/13 - 9/20/13, Cherskiy, Russia, Install new instruments and perform annual maintenance of equipment at research site
- **Frey, Graham**, 7/1/13 - 10/31/13, Denali Highway, Alaska, Field work
- **Harwood, Christopher**, 9/15/13 - 9/30/13, Santa Marta, Colombia, Attend/Present paper at 5th Western Hemisphere Shorebird Meeting
- **Hopkins, Scarlett**, 9/13/13 - 9/15/13, Anchorage, Project collaboration meeting
- **Katie Spellman Group**, 6/7/13 - 9/20/13, Bonanza Creek, Weekly phenology checks
- **Marks, Christopher**, 9/5/13 - 9/11/13, Fairbanks, AK, Collaborative lab research experiments
- **Nu, Jennifer**, 9/7/13 - 9/14/13, YK Delta, Data collection
- **Orr, Eliza**, 9/8/13 - 9/14/13, YK Delta, Data collection
- **Powell, Abby**, 9/14/13 - 9/23/13, Santa Marta, Columbia, co-teach workshop on Scientific Writing at the 5th Western Hemisphere Shorebird Meeting
- **Schoen, Erik**, 9/9/13 - 10/9/13, Chena River, Alaska, Data collection
- **Suwal, Madan**, 7/10/13 - 10/10/13, Fairbanks, AK, Contract employment
- **Toien, Oivind**, 9/15/13 - 10/31/13, Salt Lake City, UT, Attend and present at International Bear Association Conference
- **Winterstein, Mark**, 8/22/13 - 10/15/13, Delta Jct, Tok, Manley, Dalton Hwy, field work, extensive site network installation

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

8/30/13: Anchorage Daily News

[Ned Rozell: 50 years of covering science issues in Alaska](#)

Brian Barnes, Roger Ruess, F. Stuart Chapin III, Edward C. Murphy, Laura Prugh, Diane O'Brien, Joan Forshaug Braddock, Syndonia Bret-Harte, Susan Sharbaugh

8/30/13: Phys.org

[Alaska tundra shows surprising resilience after unprecedented fire](#)

Syndonia Bret-Harte

8/30/13: Juneau Empire

[Alaska Science Forum: Fifty years of far-north biology](#)

Brian Barnes, Susan Sharbaugh, Roger Ruess, Edward C. Murphy, Laura Prugh, Diane O'Brien, Joan Forshaug Braddock, F. Stuart Chapin III, Syndonia Bret-Harte

8/30/13: Juneau Empire

[Alaska tundra shows surprising resilience after fire](#)

Syndonia Bret-Harte

8/30/13: Science Codex

[Alaska tundra shows surprising resilience after unprecedented fire](#)

Syndonia Bret-Harte

8/31/13: manoramaonline.com

[Loss of sea ice spurs Arctic greening](#)

Donald Walker

8/31/13: Fairbanks Daily News-Miner

[Fifty years of far-north biology](#)

Brian Barnes, Roger Ruess, Edward C. Murphy, F. Stuart Chapin III, Laura Prugh, Diane O'Brien, Joan Forshaug Braddock, Syndonia Bret-Harte, Susan Sharbaugh

9/4/13: The Cordova Times

[Changes observed in coastal area vegetation](#)

Donald Walker

9/4/13: Sit News

[Fifty years of far-north biology](#)

Roger Ruess, Edward C. Murphy, F. Stuart Chapin III, Laura Prugh, Diane O'Brien, Joan Forshaug Braddock, Syndonia Bret-Harte, Brian Barnes, Susan Sharbaugh

9/6/13: Alaska Dispatch

[Arctic: A food chain in flux from polar bears up top to plankton on bottom](#)

Donald Walker

9/6/13: Alaska Public Radio Network

[Sea Ice Changes Begin Affecting Vegetation On Land](#)

Donald Walker

9/8/13: Alaska Dispatch

[History's largest tundra fire provides rare opportunity for Alaska researchers to study recovery](#)

Syndonia Bret-Harte

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

Yi, S., Li, N., Xiang, B., Wang, X., Ye, B., and **McGuire, A.D. (f)** (2013). Representing the effects of alpine grassland vegetation cover on the simulation of soil thermal dynamics by ecosystem models applied to the Qinghai-Tibetan Plateau. Journal of Geophysical Research: Biogeosciences n/a-n/a [IAB 3734].

He, Y., Zhuang, Q., **David McGuire, A. (f)**, Liu, Y., and Chen, M. (2013). Alternative ways of using field-based estimates to calibrate ecosystem models and their implications for carbon cycle studies. Journal of Geophysical Research: Biogeosciences n/a-n/a [IAB 3735].

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

Quote of the Day

I imagine that yes is the only living thing.

[e. e. cummings](#)