



LIFE SCIENCE NEWS

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Monday, 7 April 2014

Announcements

Guns on campus. UAF Chancellor Brian Rogers issued his [comments on Senate Bill 176](#), which proposes to allow possession of concealed handguns on university campuses, including dorms. His statement includes a briefing sheet, UA position paper, UA President Gamble's editorial, legislator contact information, and UA state relations advocacy information.

Integrative Evolutionary Genetics faculty candidate Brant Faircloth is visiting campus Apr. 10-11. To meet with Brant please contact [Jessica Descrochers](#) x7649.

Plan and schedule your year-end purchases now. Check ([here](#)) for deadlines for the UAF procurement requisition cutoff schedule for Fund 1.

[SNRAS faculty candidate seminar in social-ecological sustainability:](#) Monday, April 4, 2:30-3:30 O'Neill room 201.

UAF wellness program, [HealthyRoads](#), information available. Employees and spouses/FIPs enrolled in the UA Choice health plan are eligible to earn a rebate on their health plan payroll contribution.

Film contest. To celebrate their 10th anniversary, the Alaska Ocean Observing System seeks short films highlighting Alaska's oceans or coast. Deadline Sept. 15, 2014, winners announced Oct. 15, 2014.

Events and Seminars

7 April 2014

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

9 April 2014

- **Grand Nord Odyssee (a film featuring Jacques Philip)**
Jacques Philip
Grand Nord Odyssee (a film featuring Jacques Philip)
UAF Alpine Club
7:00PM - 8:00PM
Schaible Auditorium, Bunnell Building

Travel

- **Black, Jynene**, 4/8/14 - 4/14/14, YK Delta, Data Collection
- **Boyer, Bert**, 4/8/14 - 4/14/14, YK Delta, Data Collection

LIFE SCIENCES SEMINAR

Friday, 11 April 2014

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

Understanding the Upper Limits of Human Endurance for Work and Play

Brent Ruby, Professor

Department of Health and Human Performance, University of Montana

- **Coker, Robert**, 4/7/14 - 4/9/14, Shungnak, AK, Data Collection
- **Hollingsworth, Jamie**, 4/6/14 - 4/8/14, Healy, AK, Snow Removal
- **Hopkins, Scarlett**, 4/8/14 - 4/14/14, YK Delta, Data Collection
- **Jones, Jay**, 4/8/14 - 4/11/14, Washington, DC, Participate on a panel at the National Science Foundation
- **Keshel, Tyler**, 4/7/14 - 4/9/14, Shungnak, AK, Data Collection
- **Kielland, Knut**, 4/7/14 - 4/15/14, Coldfoot, AK, Fieldwork
- **Koonce, Carolyn**, 3/17/14 - 8/31/14, Fairbanks, AK, Work at UAF
- **MacDougall, Ross**, 4/7/14 - 4/9/14, Shungnak, AK, Data Collection
- **Orr, Eliza**, 4/8/14 - 4/14/14, YK Delta, Data Collection
- **Ruby, Brent**, 4/10/14 - 4/13/14, Fairbanks, AK, Life Sciences Seminar Speaker
- **Shoen Group**, 3/16/14 - 12/31/14, Chena and Tanana Rivers in North Pole and Fairbanks areas, Field work for Chinook predation project

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.

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

Corcoran, A.E. (g), Commons, K.G., Wu, Y., Smith, J.C., **Harris, M.B. (f)**, and Richerson, G.B. (2014). Dual Effects of 5-HT_{1a} Receptor Activation on Breathing in Neonatal Mice. *The Journal of Neuroscience* 34:51-59 [IAB 3817].

Iceman, K.E. (g), Richerson, G.B., and **Harris, M.B. (f)** (2013). Medullary serotonin neurons are CO₂ sensitive in situ. *Journal of Neurophysiology* 110:2536-2544 [IAB 3818].

Iceman, K.E. (g) and **Harris, M.B. (f)** (2014). A group of non-serotonergic cells is CO₂-stimulated in the medullary raphé. *Neuroscience* 259:203-213 [IAB 3819].

Corcoran, A.E. (g), Richerson, G.B., and **Harris, M.B. (f)** (2013). Serotonergic mechanisms are necessary for central respiratory chemoresponsiveness in situ. *Respiratory Physiology & Neurobiology* 186:214-220 [IAB 3820].

Feierabend, Dashiell (g) and **Kielland, Knut (f)** (2014). Multiple Crossings of a Large Glacial River by Canada Lynx (*Lynx canadensis*). *The Canadian Field-Naturalist* 128:80-83 [IAB 3821].

Campbell, Matthew A. (g), Sage, George K., DeWilde, Rachel L., Lopez, Andres, and Talbot, Sandra L. (2013). Development and characterization of 16 polymorphic microsatellite loci for the Alaska blackfish (*Esociformes: Dallia pectoralis*). 1-3 [IAB 3822].

Campbell, Matthew A. (g), Chen, Wei-Jen, and Lopez, J. Andres (2014). Molecular data do not provide unambiguous support for the monophyly of flatfishes (Pleuronectiformes): A reply to Betancur-R and Ortí. *Molecular Phylogenetics and Evolution* 75:149-153 [IAB 3823].

Campbell, M.A. (g) and **López, J.A. (f)** (2014). Mitochondrial phylogeography of a Beringian relict: the endemic freshwater genus of blackfish *Dallia* (*Esociformes*). *Journal of Fish Biology* 84:523-538 [IAB 3824].

Haynes, Trevor B., **Campbell, Matthew A. (g)**, Neilson, Janet L., and Lopez, Andres (2013). Molecular Identification of Seabird Remains Found in Humpback Whale Feces. *Marine Ornithology* 41:161-166 [IAB 3825].

Quote of the Day

If we did all the things we are capable of, we would literally astound ourselves.

[Thomas A. Edison](#)