



LIFE SCIENCE NEWS

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Monday, 21 September 2009

Announcements

UA scientists seek new emphases in Arctic climate change research. IAB authors Syndonia "Donie" Bret-Harte, David Klein, A. David McGuire, and a team of international scientists have a paper published in Science September 11, 2009. Read more [here](#)

Irving I hallway ceiling construction update. Work on hallway ceilings on the 3rd and 4th-floors of Irving I are expected to be completed next week. An injury to one of the technicians has delayed the project. Questions? Please contact Jami Warrick x5455 or Doug Maynes x6987.

Events and Seminars

21 September 2009

- **Workshop: International scientific collaboration and legal regimes in a changing Arctic Ocean**

Tohru Saito

1:30PM

Akasofu/IARC 401

22 September 2009

- **Seminar: Constraints on rooting depth and biomass allocation of Arctic flora**

Mary-Cathrine Leewis

1:00PM

201 Irving I

25 September 2009

- **Seminar: Adenosine Kinase in Epilepsy and Stroke: the road to adenosine augmentation therapies**

Detlev Boison

1:00PM

138 Irving II

Travel

- **Barboza, Perry**, 9/19/09 - 9/26/09, Monterey, CA, Present paper at 2009 TWS Conference

- **Barrales, Rocio**, 9/3/09 - 10/21/09, Guadalajara, Mexico, Collect seeds along Pacific Coast in the Chamela biological station.

- **Boison, Detlev**, 9/23/09 - 9/26/09, Fairbanks, AK, Invited speaker for Chemistry Series

- **Jones, Jeremy**, 9/20/09 - 9/25/09, Washington, DC, NSF Panel Meeting

- **Juday, Glen**, 9/4/09 - 11/15/09, Bonanza Creek, Fieldwork at Bonanza Creek

- **Macheel, Collin**, 9/20/09 - 9/26/09, Reno, NV, Attend AEG Conference

- **Spencer, David**, 9/4/09 - 11/15/09, Bonanza Creek, Fieldwork at Bonanza Creek

LIFE SCIENCES SEMINAR

Friday, 25 September 2009

3:30PM - Elvey Auditorium, 214 Elvey Building

Avian Influenza Virus Pathogenesis: The Role of Host and Virus

Carol J. Cardona

DVM, PhD, ACPV, UC Davis School of Veterinary Medicine

- **Vargas-Kretsinger Delia & Group**, 5/25/09 - 10/5/09, Beaver, AK, Conduct salmon fieldwork in Beaver area
- **Young, Rebecca**, 9/24/09 - 9/28/09, Cincinatti, OH, Collect samples from Cincinatti zoo.
- **Young, Rebecca & Group**, 7/1/09 - 9/26/09, St George & St Paul, Fieldwork: Seabird Ecology in the Pribilofs

New Funding Opportunities

Gulf of Alaska Integrated Ecosystem Research Program
(North Pacific Research Board)

Deadline: 10/12/2009

DEADLINE HAS BEEN EXTENDED TO OCTOBER 12, 2009

This request for proposals is for the Forage Base component, the Lower Trophic Level & Physical Oceanography component and the Ecosystem Modeling component. Each component will be competed separately.

For more information, go to nprb.org/goaierp/index.html

New IAB Publications

Legend: **f**=faculty, **r**=research associate, **s**=staff, **e**=emeritus, **a**=affiliate, **g**=grad student, **p**=post-doc, **u**=undergrad student, **h**=high school student

Wood, Troy E., **Takebayashi, Naoki**, **Barker, Michael S. (f)**, Mayrose, Itay, Greenspoon, Philip B., and Rieseberg, Loren H. (2009). The frequency of polyploid speciation in

vascular plants. *Proceedings of the National Academy of Science* 106:13875-13879 [IAB 2626].

Artsob, H., Gubler, D.J., Enria, D.A., Morales, M.A., Pupo, M., Bunning, M.L., and **Dudley, J.P. (r)** (2009). West Nile Virus in the New World: Trends in the Spread and Proliferation of West Nile Virus in the Western Hemisphere. *Zoonoses and Public Health* 56:357-369 [IAB 2627].

Oppel, Steffen (g) and **Powell, Abby N. (f)** (2009). Does winter region affect spring arrival time and body mass of king eiders in northern Alaska?. *Polar Biology* 32:1203-1209 [IAB 2631].

Bentzen, Rebecca L. (g), **Powell, Abby N. (f)**, and Suydam, Robert S. (2008). Strategies for Nest-Site Selection by King Eiders. *The Journal of Wildlife Management* 73:932-938 [IAB 2635].

Oppel, Steffen (g) and **Powell, Abby N. (f)** (2009). Carbon isotope turnover in blood as a measure of arrival time in migratory birds using isotopically distinct environments. *Journal of Ornithology* [IAB 2636].

Ma, Yilong (r), Wu, Shufen, **Rasley, Brian (r)**, and **Duffy, Lawrence (f)** (2009). Adaptive response of brain tissue oxygenation to environmental hypoxia in non-sedated, non-anesthetized arctic ground squirrels. *Comparative Biochemistry and Physiology, Part A* 154:315-322 [IAB 2637].

Sformo, Todd (g), **Kohl, F. (s)**, McIntyre, J., Kerr, P., Duman, J.G., and **Barnes, B.M. (f)** (2009). Simultaneous freeze tolerance and avoidance in individual fungus gnats, *Exechia nugatoria*. *African Journal of Ecology* of *Comparative Physiology B* 179:897-902 [IAB 2638].

Karpovich, Shawna A. (g), **Toien, Oivind (r)**, Buck, C. Loren, and **Barnes, B.M. (f)** (2009). Energetics of arousal episodes in hibernating arctic ground squirrels. *Journal of Comparative Physiology B* 179:691-700 [IAB 2639].

Quote of the Day

It is not how old you are, but how you are old.

[Jules Renard](#)

more [Famous Quotes](#)