



# LIFE SCIENCE NEWS

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March 31, 2006

## ANNOUNCEMENTS

### **Biobites-Biology Grad. Student Association Seminar**

Date: Tuesday 4 Apr, 1-2 p.m. at 201 Irving I  
Title: "Effects of intermittent feeding on waterfowl"  
Kate Martin, Biology & Wildlife

### **IAB-B&W Faculty Meeting**

There will be an IAB-B&W faculty meeting 1:00  
Thursday 6 April 2006 in 201 Irving, where Donna  
Rohwer from Information Technology Services will  
present ideas for upgrading the 201 Irving classroom,  
and we will discuss these alternatives.

**Computer tip of the week:** Have you been plagued by emails that are actually phishing scams? A phishing scam is generally an email that is trying to get you to enter personal information, most often bank information, credit card numbers, social security numbers, or computer accounts and passwords. Usually, the email asks you to click on a link. The ultimate goals are identity theft or computer break-ins. There have been many on campus in the recent past: in my experience, they usually appear to come from either a credit union organization (e.g. accounts@cuna.org) or an official UAF computer person (e.g. webmaster@uaf.edu or service@uaf.edu). I've seen lots from chase.com also. Needless to say, these return addresses and links are spoofed -- they often go to eastern Europe, Russia, or China. Of course, you should never, ever, ever click on a link in one of these emails. They don't go where they say they go, and you could end up much poorer as well as having an infected computer. These scams are especially

prevalent now, as there is an unpatched Internet Explorer vulnerability being actively exploited.

Now there is a place to report these phishing emails and maybe do something about the problem. A new web site called Phishing Incident Reporting and Termination (PIRT, but affectionately known as Fried Phish) is a collaboration between Castle Cops and Sunbelt Software, both well-known names in computer security. If you would like to do your part to reduce the number of phishing emails in the wild, go to <http://wiki.castlecops.com/PIRT> for more information. They will research the links in the emails, and contact the ISPs that are hosting the malicious web sites. Honest ISPs will hopefully shut down these rogue sites. The more of us that join PIRT, the more likely we will see a reduction in phishing emails.

### **Construction News**

Remember: The IAB Web site has weekly construction updates - don't forget to bookmark it!  
[www.iab.uaf.edu/news/construction](http://www.iab.uaf.edu/news/construction)

## 📖📖NEW PUBLICATIONS📖📖

**Walker, Donald A.**, Elvebakk, Arve, Talbot, Stephen S., and Daniëls, Fred J. A. The second international workshop on circumpolar vegetation classification and mapping: a tribute to Boris A. Yurtsev. *Phytocoenologia* 35(4), 715-725. 2005.

Notes: 2125.

Jia, Gensuo J., Epstein, Howard E., and Walker, Donald A. Spatial heterogeneity of tundra vegetation response to recent temperature changes. *Global Change Biology* 12, 42-55. 2006.

Notes: 2126.

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## LIFE SCIENCES SEMINAR

**Speaker: Cliff Dahm**

**Affiliation: University of New Mexico, Albuquerque, NM**

**Continental Smokers: Geology, Geochemistry, and Geomicrobiology**

Elvey Auditorium, 214 Elvey Building

**April 7, 3:30pm**

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**\*Kade, Anja, Walker, Donald A., and Reynolds, Martha.** Plant communities and soils in cryoturbated tundra along a bioclimate gradient in the Low Arctic, Alaska. *Phytocoenologia* 35(4), 761-820. 2005.  
Notes: 2127.

Riedel, S. M., Epstein, H. E., and **Walker, D. A.** Biotic controls over spectral reflectance of arctic tundra vegetation. *International Journal of Remote Sensing* 26(11), 2391-2405. 2005.  
Notes: 2128.

**Doak, Patricia,** Kareiva, Peter, and Kingsolver, Joel. Fitness consequences of choosy oviposition for a time-limited butterfly. *Ecology* 87(2), 395-408. 2006.  
Notes: 2129.

**Sformo, T. and Doak, P.** Thermal ecology of Interior Alaska dragonflies (Odonata: Anisoptera). *Functional Ecology* 20, 114-123. 2006.  
Notes: 2130.

**Dehn, Larissa-A., Follmann, Erich H., Rosa, Cheryl, Duffy, Lawrence,** Thomas, Dana L., Bratton, Gerald R., Taylor, Robert J., and **O'Hara, Todd M.** Stable isotope and trace element. *Marine Pollution Bulletin* 52, 301-319. 2006.  
Notes: 2131.

**Kofinas, Gary P.** Caribou hunters and researchers at the co-management interface: Emergent dilemmas and the dynamics of legitimacy in power sharing. *Anthropologica* 47, 179-196. 2005.  
Notes: 2132.

Simms, Ellen L., **Taylor, D. Lee,** Povich, Joshua, Shefferson, Richard P., Sach, J. L., Urbina, M., and Tausczik, Y. An empirical test of partner choice mechanisms in a wild legume-rhizobium interaction. *Proceedings of the Royal Society* 273, 77-81. 2006.  
Notes: 2133.

Zharikov, Yuri, Lank, David B., **Huettmann, Falk,** Bradley, Russell W., Parker, Nadine, Yen, Peggy P. W., Mcfarlane-Tranquilla, Laura A., and Cooke, Fred. Habitat selection and breeding success in a forest-nesting Alcid, the marbled murrelet in two landscapes with different degrees of forest fragmentation. *Landscape Ecology* 21, 107-120. 2006. Notes: 2134.

## **NEW FUNDING OPPORTUNITIES**

For 2006, IAB has budgeted funds to support seven Summer Graduate Research Fellowships at \$5,000 each to support beginning or continuing MS and Ph.D.

students sponsored by IAB faculty. The intent of this program is to provide starting or bridging stipend funds to graduate students who do not otherwise have support to enable them to concentrate full time during the summer on research and training related to their degree. To receive an award, graduate students:

- must be eligible to receive stipend funding by 1 June 2006
- must not be otherwise employed outside the university

To be considered for a stipend award, graduate students and their advisors must submit to the IAB Director's Office (Dorothy Parkerson, [fndrp@uaf.edu](mailto:fndrp@uaf.edu)) by 5pm, 14 April 2006:

1. a cv of the student, including undergraduate GPA and GRE scores;
2. a 1-2 page description of the research project including any training components;
3. a letter of recommendation by the faculty advisor that includes why there is not other support available to the student.

Applications will be considered by a committee of IAB faculty who will recommend to the IAB Director. Awards will be announced by 30 April 2006.

Applications are being accepted for the **Jack R. Luick Memorial Travel Fund** from students seeking limited support (generally \$500 - \$1,000) for travel to upcoming scientific conferences in 2006 and 2007.

Qualifications: Enrolled as a graduate student at UAF, in good academic standing, and pursuing a course of study in nutritional or physiological ecology of ungulates. Preference will be given to students presenting papers at international conferences.

The application should include: A letter from the student to the fund's Selection Committee summarizing education, experience, research interests and career goals, a letter of support from the student's major professor, a conference agenda or synopsis, title and abstract, if available, of the paper to be presented, and an itemized travel budget.

Submit entire packet to: Scholarship Coordinator, UAF Financial Aid, 105C Eielson Bldg., PO Box 756360, Fairbanks, AK 99775-6360

### **Deadlines:**

Apr 15, 2006--for travel through Oct 30, 2006  
Oct 15, 2006--for travel through April 30, 2007

## **Graduate Student Travel Grants: Sponsored by The Comparative Nutrition Society**

The Comparative Nutrition Society (CNS) will make two travel awards for the 2006 Conference: The 6th Symposium of the Comparative Nutrition Society will be held from August 4 through August 9 at the Keystone Resort Conference Center, Keystone Colorado. The symposium will begin with an opening reception on the evening of August 4, 2006 and close with an informal banquet on the evening of August 9, 2006.

**The Susan Crissey Memorial Scholarship** will recognize student research in captive animals, and **The Malcolm Ramsey Memorial Scholarship** will recognize student research in field animals. Recipients will have their CNS meeting registration fees waived and will receive a \$1,000 honorarium. **NOTE:** To apply, *students must be a member of CNS (you can join at [www.cnsweb.org](http://www.cnsweb.org)) and submit an abstract of their research and their CV by May 12.* Abstracts will be judged based on scientific merit and their potential to make an innovative and exciting contribution to the field of comparative nutrition.

### **Graduate Student Presentation Awards (GSPA):**

Three awards of \$500 each will be given in recognition of the highest quality oral and poster presentations. Presentations will be judged based on style, scientific merit, and their contribution to the field of comparative nutrition. For more details contact the CNS at [www.cnsweb.org](http://www.cnsweb.org) or contact Robert G White at [frrgw@uaf.edu](mailto:frrgw@uaf.edu). (Bob White is a Past President of the CNS; several IAB graduate students have previously won the GSPA; the travel scholarships are new awards this year).

The University of Alaska **Presidential International Polar Year Postdoctoral Fellowship Program** is now available!

The University of Alaska is pleased to offer 10 postdoctoral fellowships, starting during academic year 06-07, for a period of up to three years to cover the time frame of the fourth International Polar Year, plus analysis and publication of results. Starting salary will be US \$50,000 plus full faculty benefits, plus \$5000 per year for travel and research allowance. Applications are due by 1 April 2006, and decisions will be announced by 1 May 2006.

The full announcement can be accessed here:

<http://www.alaska.edu/swacad/postdoc/index.htm>

### **International Polar Year (IPY)**

Full Proposal Target Date(s): May 1, 2006

The research emphasis areas are: ice sheet history and dynamics; biological adaptations at the cellular and

genomic level to life in extreme cold and prolonged darkness; and the arctic observing network. URL: <http://www.nsf.gov/pubs/2006/nsf06534/nsf06534.htm>

NSF 06-529 **Postdoctoral Fellowships in Polar Regions Research**. Proposal deadline: **April 15, 2006**  
<http://www.nsf.gov/pubs/2006/nsf06529/nsf06529.htm>.

## →→TRAVEL→→

- **Scott Armbruster**, 4/1-4/22, CA-various locations, field research.
- **Ronald Daanen**, 4/4-4/9, to Vienna, to attend conference.
- **Michelle Dondanville**, 3/31-4/5, Palm Springs, CA to attend NCURA Regional Conference.
- **Kris Hundertmark**, 4/2-4/10, to Hollis, AK to provide oversight of data collection by Todd Brinkman.
- **Susan Oehlers**, 4/1-4/29, to Pocatello, ID to consult with R. T. Bowyer, at Idaho State University, on final data analysis.

### *Quote of the week:*

**"In wisdom gathered over time I have found that every experience is a form of exploration."**

*Ansel Adams*