



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology in cooperation with the Department of Biology & Wildlife, College of Natural Science and Mathematics.

December 3, 2007

ANNOUNCEMENTS

Mark your calendars! It's that time again folks – come snow or shine the **IAB SKI MASS** will be held on **Friday, December 14** at noon. So get going, wax those skis, pick your teammates and get creating your costumes!

The **IAB Christmas party and potluck dinner** will be held the evening of **Friday, December 14**, at the Dog Musher's Hall.

IAB Christmas Party & Ski Mass Awards
Friday, December 14, 2007

Ski Mass, Noon, West Ridge Ski Hut

Holiday Party, 7:00 p.m., Dog Musher's Hall

Look for an upcoming email with a sign-up sheet for the potluck.

Need a document delivered quickly, and don't want to go out in the cold?

Use the new

CAMPUS COURIER SERVICE

Starting Monday, December 3rd

-Service available-

Monday-Friday from 10 a.m. - 4:30 p.m.

To schedule a pick-up or delivery call:

Campus P.O. at 474-7215

Mail Services at 474-5260

All items being sent via the courier service must be small enough to transport campus-wide without the use of an aid (cart, etc.).

After the notice in the YellowSheet on April 23, 2007 regarding water usage in the Irving Building usage went down by 75% and did well until September. October usage was again up to the level seen before the April notice. Can somebody explain this? The difference is about 400,000 gallons a month. Facilities Services requests your help in solving this mystery. Can anybody explain this? Suggestions? Contact Dave Heflinger, fndlh@uaf.edu, UAF Utilities.

Call for Abstracts – Alaska Bird Conference 2008
Presentations on all topics relating to birds in Alaska are invited, both from professional and amateur ornithologists. Please share information that has not been previously presented. Since the primary objective of the conference is to share information, preliminary results are acceptable. We invite you to submit an abstract for an oral or poster presentation on behavior, community ecology, conservation, education and outreach, evolution, contaminants, genetics, habitat, migration, physiology, population ecology, systematics, or any other topic on Alaskan birds. All submissions must be presented by one of the named authors on the abstract. Awards will be granted for the best oral and poster presentations by students.

All oral presentations will be scheduled for 15 minutes including questions from the audience (12 min. talk, 3 min. Q&A). Oral presentations are limited to Microsoft PowerPoint; no other formats (such as slides, overheads, or video) will be accepted. There will be a separate room available for reviewing your PowerPoint file.

All abstracts must be received no later than **January 15, 2008**. Abstracts received after the deadline will not be included in the program. All presenters of papers and posters must register for the conference.

More information in the IAB Director's Office.

LIFE SCIENCE SEMINAR

“Role of Global Change in Emerging Diseases”

Thomas McKenna

Director, Wisconsin Veterinary Diagnostic Laboratory

Elvey Auditorium, 214 Elvey Building

Friday, December 7, 2007, 3:30 p.m.

TUESDAY, DECEMBER 4

1:00 p.m. - 201 Irving I

Graduate Student Meeting

Brian Barnes will discuss the roles of the Institute of Arctic Biology (IAB) and the Biology and Wildlife Department (B&W). Pizza will be served.

WEDNESDAY, DECEMBER 5

1:30 P.M. 401 Akasofu Bldg. (IARC)

Atmospheric Science Informal Seminar

“Impact of Sea Ice Extent on Vegetation in the Arctic”

Uma Bhatt, GI Atmospheric Sciences Group and CCNSM Atmospheric Science Program

Information: molders@gi.alaska.edu, 474-7910

1:30 p.m. - Elvey Auditorium, 214 Elvey Bldg.

Alaska Satellite Facility Technical Seminar Series

“Using SAR to Estimate Methane Bubbling from Northern Lakes”

Katey Walter, IARC/INE, UAF

Information: rgens@asf.alaska.edu, 474-7621

3:30 p.m. - 183 Arctic Health Research Building (AHRB)

“Interactions between Recreational Fishing and Rural Communities: Assessing Adaptions Resulting from the Sharing of a Watershed”

Jim Schwarber, UAF Resilience and Adaption Program and Alaska Department Fish and Game

Information: terry.chapin@uaf.edu

3:30 p.m. - 183 Arctic Health Bldg.

All-RAP Seminar

“Interactions between Recreational Fishing and Rural Communities: Assessing Adaptions Resulting from the Sharing of a Watershed”

Jim Schwarber, Alaska Dept. of Fish and Game/RAP

PUBLICATIONS

2391 Novozhilov, Y.K., S.L. Stephenson, M. Overking, J.C. Landolt, **G.A. Laursen**. 2007. Studies of Frostfire myxomycetes including a description of a new species of Diderma. *Mycological Progress* 6: 45-51. Notes: 2391

2392 Clein, J, A.D. McGuire, E.S. Euskirchen, and M, Calef. 2007. The Effects of Different Climate Input Datasets on Simulated Carbon Dynamics in Western Arctic. *Earth Interactions* 11: 1-24. Notes: 2392

2406 Rosa, C., **T. M. O'Hara**, P.F. Hoekstra, K.R. Refsal, and J.E. Blake. 2007. Serum thyroid hormone concentrations and thyroid histomorphology as biomarkers in bowhead whales (*Balaena mysticetus*). *Canadian Journal of Zoology* 85: 609-18. Notes: 2406

2407 Phillips, L.M., **A.N. Powell**, R.J. Taylor, **E.A. Rexstad**. 2007. Use of the Beaufort Sea by King Eiders Breeding on the North slope of Alaska. *Journal of Wildlife Management* 71, no. 6: 1892-98. Notes: 2407

2408 Hansen, T.F., C Pelabon, **W.S. Armbruster**. 2007. Comparing Variational Properties of Homologous Floral and Vegetative Characters in *Dalechampia scandens*: Testing the Berg Hypothesis. *Evolutionary Biology* 34: 86-98. Notes: 2408

2409 Lankinen, A, **W.S. Armbruster**, and L Antonsen. 2007. Delayed Stigma Receptivity in *Collinsia heterophylla* (Plantaginaceae): Genetic variation and adaptive significance in relation to pollen competition, delayed self-pollination, and mating-system evolution. *American Journal of Botany* 94, no. 7: 1183-92. Notes: 2409

2410 Wu, W, A.H. Lynch, S Drobot, J Maslanik, **A.D. McGuire**, and U Herzfeld. 2007. Comparative analysis of the western arctic surface climate with modeling and observations. *Earth Interactions* 11, no. 6. Notes: 2410

2411 Stephenson, S.L., **G.A. Laursen**, and R.D. Seppelt. 2007. Myxomycetes of subarctic Macquarie Island. *Australian Journal of Botany* 55: 439-49. Notes: 2411

2412 **Knoche, M.J., A.N. Powell**, L.T. Quakenbush, M.J. Wooller, and L. M. Phillips. 2007. Further Evidence for Site Fidelity to Wing Molt Locations by King Eiders: Integrating Stable Isotope Analyses and Satellite Telemetry. *Waterbirds* 30, no. 1: 52-57. Notes: 2412

2414 **Bentzen, T. W., E.H. Follmann**, S. C. Amstrup, G. S. York, M. J. Wooller, **T.M. O'Hara**. 2007. Variation in Winter Diet of Southern Beaufort Sea Polar Bears Inferred from Stable Isotope Analysis. *Canadian Journal of Zoology* 85: 596-608. Notes: 2414

\$\$ GRANTS AND AWARDS \$\$

Perry Barboza

\$50,000

“Monitoring Body Conditions of Caribou for the CARMA Network”
University of N. British Columbia

NEW FUNDING OPPORTUNITIES

January 2008

NSF 07-598

Dynamics of Coupled Natural and Human Systems (CNH). Replaces Document NSF 06-587. Full Proposal
Deadline: **January 8, 2008.**

URL to view this funding opportunity:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07598

NSF 07-560

Research Initiation Grants and Career Advancement Awards to Broaden Participation in Biology (RIG CAA BP). Replaces Document NSF 05-58. Proposal
Target Date: **January 14, 2008.**

URL to view this funding opportunity:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07560

Quote of the week:

“Experience is the name everybody gives to their mistakes.”

~Oscar Wilde

COMPUTER TIP OF THE WEEK

Microsoft Office users: the Life Hacker website has published a Microsoft Office Tips Roundup, which includes such useful tips as disabling annoying features in MS Word, search and replace formatting in Word, and wrap text in a MS Excel spreadsheet cell. Go to <http://lifehacker.com/software/it-all-comes-together/microsoft-office-tips-roundup-298621.php> for the full list of tips.

→→TRAVEL→→

- **Gunnar Ebesson**, 12/3, Anchorage, AK, fieldwork
- **Huettmann, Falk**, 12/1-8, Perth, Australia, Fourth Biennial Australasian Ornithological Conference, and present GIS at Brisbane
- **Nick Hubalik**, 12/6-18, Toksook, fieldwork
- **Douglas Kernak**, 12/2-5, Anchorage, AK, Alaska Summit Conference
- **Cecile Lardon**, 12/2-5, Anchorage, AK, Alaska Summit Conference
- **Henry Lupie**, 12/2-5, Anchorage, AK, Alaska Summit Conference
- **Martin Robards**, 11/22-12/24, Capetown, South Africa, Marine Mammal Conference
- **Tracey Smith**, 12/3-7, Anchorage, AK
- **Lee Taylor**, 12/5-9, Berkeley, CA, collaboration with Lawrence Berkeley labs on IPY project