



LIFE SCIENCE NEWS

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College of Natural Science and Mathematics.

February 19, 2007

ANNOUNCEMENTS

MONDAY, FEBRUARY 19

2:30 p.m. - 010 West Ridge Research Bldg. (WRRB)
Arctic Region Supercomputing Center Chief Scientist
Candidate Forum
“Exploratory Modeling for Robust Policy Analysis”
Steven Bankes, Evolving Logic Inc.
Information: <http://www.arsc.edu>, damron@arsc.edu,
450-8662

TUESDAY, FEBRUARY 20

1:00-2:00 p.m. - 201 IRV I
Biobites Seminar -Dept. of Biology & Wildlife GSA
“King Eider wintering ecology”
Steppen Oppel, B&W Grad Student
Information: James Stone, ftjds2@uaf.edu, 457-2256

1:15-2:15 p.m. - Elvey Auditorium,
AQC Bering Sea Seminar Series
“Aspects of the Modern Sediments and Biolithology of
the Bering Sea”
Sathy Naidu, Institute of Marine Science, SFOS, UAF
Information: ffnhb@uaf.edu, 474-5433;
<http://www.uaf.edu/aqc/bss.htm>

4 p.m. - 201 Natural Sciences Facility
Department of Chemistry and Biochemistry Seminar
“Synthesis and Structural Characterization of Amavadin”
Ashley Anderson, undergraduate student, Department of
Chemistry & Biochemistry, UAF
Information: deal@iarc.uaf.edu, 474-1875

7 p.m. - Gold Room, Fairbanks Westmark Hotel (813
Noble Street, downtown Fairbanks)
Science for Alaska Lecture Series
“The Changing Glaciers of Southeast Alaska”
Chris Larsen, Geophysical Institute, UAF
Information: <http://www.scienceforalaska.com>, x7558

WEDNESDAY, FEBRUARY 21

1:30 p.m. - 401 IARC
Atmospheric Science Informal Seminar
“Sabbatical Research at the Institute of Atmospheric
Physics, University of Rostock, Kuehlungsborn,
Germany”
Richard L. Collins, GI Space Physics, GI Atmospheric
Sciences and CSEM, UAF
Information: molders@gi.alaska.edu, 474-7910

1:30 pm, 010 West Ridge Research Bldg. (WRRB)
ARSC Chief Scientist Candidate Forum
“The Role of Supercomputing in Bringing About
Technological Change”
Greg Newby, ARSC, UAF
Information: <http://www.arsc.edu>, damron@arsc.edu,
450-8662

3:30 p.m. - 201 Irving I
Freshwater Ecosystems Seminar Series
“A Decision Tool for Evaluating Proposed Changes to
Steller Sea Lion Mitigation Measures in the Gulf of
Alaska and Bering Sea Groundfish Fisheries”
Peggy Merritt, SFOS, UAF
Information: mark.wipfli@uaf.edu, 474-6654

3:40-5:15 p.m. - Elvey Auditorium
Chapman Chair Lecture Series
“General Circulation of the Extratropics”
Mike Wallace, University of Washington
Information: bhatt@gi.alaska.edu, 474-2662

THURSDAY, FEBRUARY 22

3:40-5 p.m. - 183 Arctic Health Research Building
Natural Resource Management Seminar Series
“Climate-Fire-Vegetation Interactions and Their Effects
on Forest Composition and Ecosystem Services”
Scott Rupp, Department of Forest Sciences, UAF
Information: ffsr@uaf.edu, 474-7535

LIFE SCIENCES SEMINAR

The seminar has been Cancelled for Friday, February 23, 2007

3:40-5:15 p.m. - Elvey Auditorium

Chapman Chair Lecture Series

“General Circulation of the Polar Regions”

Mike Wallace, University of Washington

Information: bhatt@gi.alaska.edu, 474-2662

7 p.m. - UA Museum of the North

Public lecture sponsored jointly by the Alaska

Quaternary Center and UA Museum of the North

“Where Have All the Vikings Gone? Abandonment of the Western Settlement, Greenland”

Charles Schweger, University of Alberta

Information: ffnhb@uaf.edu, 474-5433

FRIDAY, FEBRUARY 23

1:00 p.m. – 138 Irving II

Physiology Seminars (*two*)

“Avian Influenza and the Major Histocompatibility Complex (MHC) in Alaskan Ducks”

Trista Welsh, graduate student;

and

“The Role of Nitric Oxide in Regulating Mitochondrial Biogenesis in Three Antarctic Fish”

Matthew Urschell, graduate student

Information: ftcmb3@uaf.edu, 474-5024

3:30 p.m. - 531 Duckering Building

Water and Environmental Research Center Seminar

“Frozen Ground and the Hydrological Cycle”

Tingjun Zhang, NSIDC/CIRES, University of Colorado

Information: ffdlk@uaf.edu, 474-7808

Office of Sponsored Programs training seminars:

Topic: Pre-Award Fundamentals

Date & Time: February 27th from 1-2:30 pm

Location: Globe Room (212 Elvey Building)

Description: An introductory seminar to UAF's OSP's procedures, policies, activities, and forms.

Information: fyosp@uaf.edu, x6000

📖📖 NEW PUBLICATIONS 📖📖

The lowercase letters following IAB authors identify that author as (f) - faculty, (pd) - post doc, (g) - graduate student, (e) - emeritus, (ra) - research associate, (af) - affiliate faculty, (s) - staff, (ug) - undergrad, and (hs) - high school.

2286. Klaas, A. L., **M. S. Olson**,(f). 2006. Spatial distributions of cytoplasmic types and sex expression in Alaskan populations of *Silene acaulis*. *Journal of Plant Sciences* 167: 179-89.

2287. **Sikes, D. S.**, (f), and R. p. Webster. 2005. Bioinventory of Rhode Island Coleoptera: 45 new

records. *Coleopterists Bulletin* 59, no. 3: 311-27.

2288. **Sikes, D. S.**, (f), R. B. Madge, and S. T. Trumbo. 2006. Revision of *Nicrophorus* in part: New species and inferred phylogeny of the nepalensis group based on evidence from morphology and mitochondrial DNA (Coleoptera: Silphidae: Nicrophorinae). *Invertebrate Systematics* 20 : 305-65.

2289. Samuels, R. E., **R. J. Tavernier**, (g), **M. R. Castillo**, (ra), **A. Bult-Ito**,(f), and H. D. Piggins. 2006. Substance P and neurokinin-1 immunoreactivity in the neural circidian system of the Alaskan northern red-backed vole, *Clethrionomys rutilus*. *Peptides* 27: 2976-92.

2290. Huson, H. J., **G. M. Happ**,(f). 2006. Polymorphisms of the / prion protein / gene / (PRNP) / in Alaskan moose / (*Alces alces gigas*). *Animal Genetics* 37: 425-26.
Notes: 2290

2291. Masters, D., H. J. Huson, **G. Happ**, (f), and L. J. Kennedy. 2006. New DLA class II alleles and haplotypes indentified in an Alaskan husky dog family. *Tissue Antigens* 68: 82-86.

2292. Kennedy, L. J., S. Quarmby, **G. M. Happ**, (f), A. Barnes, I. K. Ramsey, R. Dixon, B. Catchpole, C. Rusbridge, P. A. Graham, N. S. Hillbertz, C. Roethe, W. J. Dodds, N. G. Carmichael, and W. E. Ollier. 2006. Association of canine hypothyroidism with a common major histocompatibility complex DLA class II allele. *Antigens* 68: 82-86.

2293. Kennedy, L. J., H. J. Huson, J. B. Leonard, J. M. Angles, L. E. Fox, J. W. Wojciechowski, C. Yunker, **G. M. Happ**,(f). 2006. Association of hypothyroid disease in Doberman Pinscher dogs with a rare major histocompatibility complex DLA class II haplotype. *Antigens* 67: 53-56.

2295. Hinzman, L., N. D. Bettez, W. R. Bolton, **F. S. Chapin III**, (f), R. Dyurgerov, C. L. Fastie, **B. Griffith**, (f), R. D. Hollister, A. Hope, H. P. Huntington, A. M. Jensen, G. J. Jia, T. Jorgenson, D. L. Kane, **D. R. Klein**, (e), **G. Kofinas**, (f), A. H. Lynch, A. H. Lloyd, **A. D. McGuire**, (f), F. E. Nelson, M. Nolan, W. C. Oechel , T. E. Osterkamp, C. H. Racine, V. E. Romanovsky, R. S. Stone, D. A. Stow, M. Sturm, C. E. Tweedie, G. L. Vourlitis, M. D. Walker, **D. A. Walker**, (f), P. J. Webber, J. Welker, **K. S. Winker**, (f), and K. Yoshimkawa. 2005. Evidence and implications of recent climate chande in northern Alaska and other Arctic regions. *Climatic Change* 72, no. 3: 251-98.

\$\$ GRANTS AND AWARDS \$\$

Lee Taylor

National Science Foundation for \$743,697

“IPY: A Community Genomics Investigation of Fungal Adaptation to Cold”

📖 NEW FUNDING OPPORTUNITIES 📖

National Science Foundation (NSF 07-519)

Partnerships for Enhancing Expertise in Taxonomy (PEET). Special Biennial Competition in Systematic Biology. *Synopsis of Program:* In partnership with academic institutions, botanical gardens, freshwater and marine institutes and natural history museums, NSF seeks to enhance taxonomic research and help prepare future generations of experts. Projects must train new taxonomists (two per project minimally) and must translate current expertise into electronic databases and other products with broad accessibility to the scientific community. **Deadline: March 5, 2007.** URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07518

National Science Foundation (NSF 07-536)

International Polar Year, 2007. The "International Polar Year 2007-2008" (IPY) will extend from March 2007 through March 2009. IPY is envisioned as an intense scientific campaign to explore new frontiers in polar science, improve our understanding of the critical role of the polar regions in global processes, and educate the public about the polar regions. Projects are expected to be interdisciplinary in scope; involve a pulse of activity during the IPY period; leave a legacy of infrastructure and data; expand international cooperation; engage the public in polar discovery; and help attract the next generation of scientists and engineers. **Please note that the deadline for this solicitation is March 16, which is the UAF Spring Break Holiday. Since UAF will be closed that day, all proposals for this solicitation must be submitted by the end of business, Thursday, March 15. No proposals will be submitted on Friday March 16. No exceptions.** Information: <http://www.nsf.gov/pubs/2007/nsf07536/nsf07536.htm>

🕒📌🌟*DEADLINES🕒📌🌟*

March 1, 2007: Graduation with Leadership Honors applications are due. For more information visit www.uaf.edu/leadership/rec/.

March 2, 2007: Nominations for seats on the Committee on the Status of Women are due. For more information contact Sheri Layral at 7964 or fysenat@uaf.edu.

March 2, 2007: Nominations for the UAF Exceptional Student Employee Award are due. For more information call 7596 or visit www.uaf.edu/career/.

📖 TIP OF THE WEEK 📖

Computer Tip: Change in the timing of the switch from Alaska Standard Time to Alaska Daylight Saving Time: On August 8, 2005, President George W. Bush signed the Energy Policy Act of 2005. This Act changed the time change dates for Daylight Saving Time in the U.S. Beginning in 2007, DST will begin on the second Sunday in March and end the first Sunday in November. Windows computers are programmed to make the switch on second Sunday in April, the historic date before Congress changed the date. (Don't get me started on the wisdom of this move!) Microsoft now has patches for Windows available on the Windows Update site that will automatically change the computer clock at the proper time. But these patches will not be pushed out via Automatic Updates, because they are not considered security updates. Windows users should go to the Windows Updates site (in IE, click on Tools > Windows Update) and download the patches. If you use the Outlook calendar, make sure to get the Outlook Time Zone Data Update tool (<http://www.microsoft.com/downloads/details.aspx?FamilyID=e343a233-b9c8-4652-9dd8-ae0f1af62568&DisplayLang=en>) to update your appointments.

For more information on updating Microsoft software, see <http://blogs.zdnet.com/microsoft/?p=250>. For more information on Daylight Saving Time, go to <http://webexhibits.org/daylightsaving/b.html>. For Macintosh computers, use the Software Update utility to check for updates.

The **UA Office of Information Technology** strongly recommends that users not “upgrade” to Vista or Internet Explorer 7 until several compatibility issues have been resolved (target of Fall 2007). Members of the campus community who are purchasing new Windows™ computers are urged to stay with Windows-XP rather than Vista.

→→TRAVEL→→

- Brian Barnes, 2/23-3, Woods Hole, MA & Bethesda, MD, Arctic LTER Toolik mtg, NIH study section
- Richard Boone, 2/13-23, Norway, Univ of Arctic Meeting
- Donie Bret-Harte, 2/20-3/1, Woods Hole, MA & Washington DC, Arctic LTER Toolik mtg, NSF Panel consult
- Pamela Deters, 2/15-29, New York, 24 Annual Cultural Psychology & Educ. mtg
- John Gonzalez, 2/15-29, New York, 24 Annual Cultural Psychology & Educ. Mtg
- Joe Margraf, 2/23-3/2, Ft. Collins, CO, CO/WY Chapter AFS Annual mtg
- Cassie Mellon, 2/19-21, Vancouver, CAN, Riparian Mgmt

YRCC Meeting – Bethel, Alaska

- James Allen, Gunnar Ebbesson, Jordan Lewis, Gerald Mohatt, 2/19-21

Quote of the week:

The intuitive mind is a sacred gift and the rational mind is a faithful servant. We have created a society that honors the servant and has forgotten the gift.

Albert Einstein