



LIFE SCIENCE NEWS

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March 31, 2008

ANNOUNCEMENTS

Congratulations to Christine Hunter for her U.S. Department of the Interior Unit Award for Excellence of Service awarded by Secretary of the Interior Dirk Kempthorne. Christine earned the award in recognition of "her outstanding contributions in support of the International Polar Bear Science Team in providing timely information in support of the U.S. Fish and Wildlife Service polar bear listing decision."

Congratulations to our Alaska Cooperative Fish and Wildlife Research Unit for its Management Excellence Award, given by the U.S.G.S. Kudos especially to **Kathy Pearse, Karen Enochs, and Jenn Miller.**

MONDAY, MARCH 31

11:00 a.m. - 212A Butrovich Building

SIGMA XI Alaska Chapter in association with the American Association for the Advancement of Science, Arctic Division, and the Arctic Institute of North America presents a Videoconference Seminar "Science and Religion: How to End Their Unnecessary Conflict"

Dr. Murray Peshkin, Argonne National Laboratory
Information: Dr. John Kelly, ffjk@uaf.edu

TUESDAY, APRIL 1

1:00 p.m. - 2:00 p.m. - 201 Irving I

Graduate Student Meeting

Learning about the INBRE Program. Pizza provided.

FRIDAY, APRIL 4

1:00 p.m. - 138 Irving II

Physiology Seminar

"Differential Gene Expression in Liver and Muscle of Hibernating Black Bears"

Anna Goropashnaya and Vadim Fedorov, Institute of Arctic Biology
Information: ftaec1@uaf.edu

NEW FUNDING OPPORTUNITIES

The **North Pacific Research Board** welcomes applications for 5 Graduate Student Research Awards of \$20,000 each. **Deadline to apply is April 1, 2008.** See www.nprb.org for application forms and details.

PUBLICATIONS

2447. Chapin III, FS, MD Robards, HP Huntington, JF Johnstone, SF Trainor, GP Kofinas, RW Ruess, N Fresco, DC Natcher, RL Naylor. Directional changes in ecological communities and social-ecological systems: A framework for prediction based on Alaskan examples. *American Naturalist* 168, S36-S49. 2006.

2448. Huntington, HP, SF Trainor, DC Natcher, OH Huntington, L DeWilde, FS Chapin III. The significance of context in community-based research: Understanding discussions about wildfire in Huslia, Alaska. *Ecology and Society* 11[1], 1-12. 2006.

2449. Chapin III, FS. The Millennium Ecosystem Assessment: A framework for wilderness stewardship in a directionally changing world. *International Journal of Wilderness Wild Planet Project* 13, 19-20, 23. 2007.

2450. Cornelissen, JHC, PM van Bodegom, R Aerts, TV Callaghan, RSP van Logtestijn, J Alatalo, FS Chapin III. Global negative vegetation feedback to climate warming responses of leaf litter decomposition rates in cold biomes. *Ecology Letters* 10, 619-627. 2007.

2451. Milner, AM, C Fastie, FS Chapin III, DR Engstrom, L Sharman. Interactions and linkages among ecosystems during landscape evolution. *BioScience* 57, 237-247. 2007.

2452. Natcher, DC, M Calef, O Huntington, **S Trainor**, H P Huntington, L DeWilde, S Rupp, **F S Chapin III**. Factors contributing to the cultural and spatial variability of landscape burning by native peoples of Interior Alaska. *Ecology and Society* 12[1], 7. 2007.

2453. Walter, KM, LC Smith, **FS Chapin III**. Methane bubbling from northern lakes: Present and future contributions to the global methane budget. *Philosophical Transactions of the Royal Society A* 365, 1657-1676. 2007.

2454. Doak, P, P Kareiva, J Kingsolver. Butterfly host plant choices and fitness consequences in an unpredictable habitat. *Ecology* 87, 395-408. 2006.

2455. Fastie, CL, AH Llyod, **P Doak**. Fire history and post-fire forest development in an upland watershed of interior Alaska. *Journal of Geophysical Research* 108[D1], 8150. 2003.

2456. Loomis, PF, **RW Ruess**, **KK Sveinbjornsson**. Mineral and organic nitrogen cycling along a latitudinal treeline transect in Alaska. *Ecoscience* 13, 544-556. 2006.

TRAVEL

- **Brian Barnes**, 3/31-4/3, Fort Collins, Denver, Colorado, invited speaker at Colorado State University
- **Todd Brinkman**, 2/28-5/27, Klawock, AK, fieldwork
- **Dave Gustine**, 3/26-4/34, Tok, Nome, and Kotzebue, AK, collect samples
- **Gary Kofinas**, 3/28-31, Inuvik, Canada, attend Arctic Borderlands Ecological Knowledge Coop meeting
- **Glenn Scott**, 4/1-7, Toolik Field Station, fieldwork
- **Hassab Ali, Dael Devenport, Jordan Lewis, and Kate McGone West**, 4/6-11, Kotzebue, AK, attend Managing Natural and Cultural Landscapes in Rural Alaska meeting

Quote of the week:

The man who doesn't read good books has no advantage over the man who can't read them.

- Mark Twain