



# LIFE SCIENCE NEWS

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

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September 22, 2003

## ANNOUNCEMENTS

Congratulations **Kristi DeHeus!** Kristi, the IAB Business Office Administrative Assistant and Travel Coordinator, has accepted a position with UAF's Office of Sponsored Programs. Friday, September 19 will be her last full day with the IAB and she will continue to work the afternoons until October 3.

The Center for Alaska Native Health Research is sponsoring two visiting professors, Ulf Gyllensten and Stephen McGarvey. **Ulf Gyllensten** is Professor and Chairman of the Department of Genetics and Pathology at Uppsala University in Sweden. He will be presenting a seminar entitled: "Environmental and genetic risk factors for common non-communicable disease in the Swedish Saami population" on **Wednesday, September 24** from **1:30 - 2:30 p.m.** in the **Elvey Auditorium**.

**Stephen McGarvey** is Director of the International Health Institute and Professor of Community Health at Brown University. His seminar, entitled "Genetic Epidemiology of Adiposity and Type 2 Diabetes in Modernizing Samoans", will be held **Thursday, September 25** from **1:30 - 2:30 p.m.** in the **Elvey Auditorium**.

## NEW PUBLICATIONS

1889 **Holliman, F. M.** (AKCFWRU), J. B. Reynolds, and T. J. Kwak. 2002. Electroshock-induced injury and mortality in the spotfin chub, a threatened minnow. *N. American Journal of Fish. Management* 23:962-966.

1840 **Zhou, F., Braddock, J.F.,** Hu, Y., Zhu, X., Castellani, R.J., Smith, M.A., et al. 2002. Microbial

origin of glutamate, hibernation, and tissue trauma. *Journal of Neuroscience Methods* Sept; 119(2):121-128.

1841 **Beringer, J., McIlwaine, S., Lynch, A.H., Chapin III, F.S.,** Bonon, G.B. 2002. The use of a reduced form model to assess the sensitivity of a land surface model to biotic surface parameters. *Climate Dynamics* Aug; 19(5-6):455-466.

1842 Crain, J.M., Wedin, D.A., **Chapin III, F.S.,** Reich, P.B. 2002. Relationship between the structures of root systems and resource use for 11 North American grassland plants. *Plant Ecology* March; 165(1):85-100.

1843 Eviner, V.T., **Chapin III, F.S.** 2002. The influence of plant species, fertilization, and elevated CO<sub>2</sub> on soil aggregate stability. *Plant and Soil* Oct; 246(2):211-219.

1844 Hooper, D.U., Cardon, Z.G., **Chapin III, F.S.,** Durant, M. 2002. Corrected calculations for soil and ecosystem measurement of CO<sub>2</sub> flux using the LI-COR 6200 portable photosynthesis system. *Oecologia* June; 132(1):1-11.

## NEW FUNDING OPPORTUNITIES

**NSF 03-603 Microbial Genome Sequencing Program FY 2004.** Replaces Document NSF 03-526. Sponsor: NSF. Letter of Intent Deadline: **October 15, 2003.** Full Proposal Deadline: **December 15, 2003.** URL to view this opportunity:

<http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03603>

## PROPOSAL DEADLINES

### OCTOBER

**NSF 03-581 Frontiers in Integrative Biological Research.** Replaces Document NSF 02-154. Sponsor: NSF. Deadline: **October 20, 2003.** URL to view this

## LIFE SCIENCES SEMINAR

Eric Rexstad

Institute of Arctic Biology, Department of Biology and Wildlife  
**Plotless sampling from the Firth of Forth to the River Ness**  
Elvey Auditorium

**3:30, Friday, September 26**

funding opportunity:

<http://www.nsf.gov/pubs/2003/nsf03581/nsf03581.htm>

**NSF 03-582 Integrated Carbon Cycle Research Program** *Replaces Document 02-016*. Sponsor: NSF. Deadline: **October 22, 2003**. URL to view this opportunity:

<http://www.nsf.gov/pubs/ods/getpub.cfm?nsf03582>

#### NOVEMBER

**NSF 03-591 NSF Director's Awards for Distinguished Teaching Scholars (DTS)** Sponsor: NSF. *Replaces NSF 02-131* Preliminary Proposal Deadline: November 19, 2003. URL to view this funding opportunity:

<http://www.nsf.gov/pubs/2003/nsf03591/nsf03591.html>

**NSF 03-592 Tribal Colleges and Universities Program (TCUP)** *Replaces Document 02-163* Sponsor: NSF, HRD. Deadline: **November 20, 2003**. URL to view this opportunity:

<http://www.nsf.gov/pubs/2003/nsf03592/nsf03592.htm>

#### DECEMBER

**NSF 03-595 Undergraduate Research Centers.** *Replaces Document NSF 01-10*. Sponsor: NSF. Letter of Intent Deadline: **December 01, 2003**. URL to view this opportunity:

<http://www.nsf.gov/pubs/ods/getpub.cfm?nsf03595>

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**NSF 03-596 Discovery Corps.** Sponsor: NSF. Deadline: **December 15, 2003**. URL to view this opportunity:

<http://www.nsf.gov/pubs/ods/getpub.cfm?nsf03596>

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**NSF 03-597 Biocomplexity in the Environment (BE): Integrated Research and Education in Environmental Systems.** *Replaces Document 02-167*. Sponsor: NSF. Deadline: **Multiple deadlines**. Please view URL for details:

<http://www.nsf.gov/pubs/ods/getpub.cfm?nsf03597>

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**NSF 03-598 Course, Curriculum, and Laboratory Improvement (CCLI)** *Replaces Document NSF 02-095* Sponsor: NSF. Deadline: **December 4, 2003**. URL to view this opportunity:

<http://www.nsf.gov/pubs/ods/getpub.cfm?nsf03598>

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#### →→TRAVEL→→

**There are no travel announcements for the week of 9/22-9/29.**

*Quote of the Week:*

What is the use of a house if you haven't got a tolerable planet to put it on?

**Henry David Thoreau**