



Weekly Announcements for December 16-22, 2007

Please submit newsletter information to Susan at rittsusa@isu.edu

Faculty/Staff/Other Meetings

There will **NOT** be a Biological Sciences Faculty Meeting on **Tuesday, December 18, 2007**.

Publications

Meldrum, D. Jeffrey. Three-dimensional virtualization and archiving of hominid tracks. In: Kim, J.Y. and Kim, K.S. (eds.), 2007, Proceedings of the 2007 International Symposium on the Conservation and Application of Hominid Footprints, Dec 7-9th, Jeju Island, Korea, pp. 45-55.

Presentations

Dr. Colden Baxter gave an invited seminar titled, "'Stressed out: Are multiple stressors driving meltdown in watersheds of western watersheds?'" at Southern Illinois University and Loyola University-Chicago on November 28-December 5, 2007.

Funding Opportunities

2008 DeVlieg Undergraduate Research Scholar Awards Available at Taylor Ranch Field Station

The DeVlieg Undergraduate Research Scholar program provides an "inquiry based" learning opportunity at Taylor Ranch Field Station for outstanding undergraduates in natural resources fields. Idaho State University upcoming juniors or seniors (but not graduating seniors) in the Department of Biological Sciences are eligible to apply. DeVlieg Undergraduate Scholars write a scientific research proposal, conduct 10-12 weeks of research in the wilderness, and report on results in a written report and oral presentation.

Applicants must possess strong writing and time management skills, be self motivated, and be able to work independently in the wilderness around Taylor Ranch Field Station. A supervising faculty advisor will guide the student in refining a research topic and provide direction for proposal writing and report writing. Jim & Holly Akenson, Field Station Managers/Scientists will help students and faculty with development of research questions and field logistics, review a draft proposal, and mentor the student while at Taylor Ranch. One \$4,850 award is offered.

Students interested in applying for the DeVlieg Undergrad Scholar Award should contact Colden Baxter at baxtcold@isu.edu by December 22, 2007 for additional information about the program and assistance in developing a research topic and connecting with a faculty advisor.

Research Proposal Deadline: Friday, February 8, 2008 by 9:00am in the Department of Biological Sciences Office. Hard copy of proposal AS WELL AS electronic copy REQUIRED; email to Dr. Colden Baxter: baxtcold@isu.edu

Notices

VACANCY ANNOUNCEMENT

Position: Fisheries Biologist I / Fisheries Technician IV, Enhancement Division
Salary: 33,071+ DOQ (GS 7/8/9) & excellent benefits package
Location: Northwest Indian Fisheries Commission
Olympia, Washington
Closing Date: December 21, 2007

Application: Send resume and cover letter stating interest by **December 21, 2007** to: Michael Grayum, Executive Director, Northwest Indian Fisheries Commission, 6730 Martin Way East Olympia, WA 98516-5540.

The University of Alaska (Anchorage-Fairbanks-Juneau) invites applications for Graduate and Post-doctoral Fellowships supported by NSF's Alaska EPSCoR research focus area in biology. This fellowship program is part of a broader Alaska EPSCoR initiative entitled "Resilience and Vulnerability in a Rapidly Changing North: The Integration of Physical, Biological and Social Processes" which aims to fund integrative science concerning socio-ecological sustainability in the rapidly transforming northern regions. Through this graduate student and postdoctoral fellowship program in Biology we intend to support students working in the general research areas of biogeography, landscape & spatial genetics, plant-microbial interactions ecology & genetics of invasive species, and the influence of species interactions on range expansions. Students and postdocs interested in creative ways to integrate their research among the interests of biology faculty or with the social and/or physical components of the broader Alaska EPSCoR themes are encouraged to apply and outline these ideas in their applications.

Graduate Fellowships are for 1-2 years and include a stipend of approximately \$21,000/year plus health insurance and a tuition award. To be considered for a fellowship, students should contact UA faculty member(s) to discuss potential research, apply for graduate school at the appropriate UA institution, and apply for the fellowship with this application. The deadline to apply to the graduate school and for these fellowships is February 1, 2008. A copy of all materials should be sent to the student's faculty sponsor.

Postdoctoral Fellowships are for two years and include a salary of \$42,000/year with excellent benefits and \$12,000 a year in research funds.

See the full ad

<http://www.alaska.edu/epscor/bio.grad.postdoc.08-09.html>

The Office of Research issues a Call for Proposals from the Research Coordinating Council for Release Time Support for External Funding (RTSEF). The release time is for Academic Year 2008/2009. Proposals are due on **Monday, March 31, 2008**.

A MS or PhD student is sought for a new DoD funded project to evaluate wind erosion of soil in disturbed rangelands, at Idaho State University, Pocatello. Our overall research is examining rates of wind erosion, changes in erodibility, and factors affecting erodibility. Studies will be conducted mostly in the field, in participation with a team of geologists, ecologists, and modelers. The student will focus on hydroclimatology of wind erosion, including new approaches for measuring surface soil water. Students should be capable of working in the field, and have prior coursework or experience in soils, ecology, and climate instrumentation. Additionally, some exposure to theory and analysis of mass and energy exchange is desirable, such as formal coursework in atmospheric science, soil physics, micrometeorology, geomorphology, or engineering. The position can begin anytime. Interested students can contact Matt Germino, germmatt@isu.edu, 208-282-3285.

STUDENT INTERNSHIPS IN CLIMATE CHANGE

Concerned about climate change? Wondering when world oil production will peak and what renewable energies are ready to step in? Want to improve the communication of sound science and policy on these topics to a global audience?

Here's your chance. We are looking for motivated individuals to become student **Encyclopedia Interns** on a major climate change initiative underway at the *Encyclopedia of Earth*

(<http://www.eoearth.org/>), a new electronic reference about the Earth, its natural environments, and their interaction with society. The *Encyclopedia* is a free, fully searchable collection of articles written by scholars, professionals, educators, and experts who collaborate and review each other's work. The articles are written in non-technical language and will be useful to students, educators, scholars, professionals, as well as to the general public.

The goal of this project is to build the Web's largest and most authoritative resource on climate change. **Encyclopedia Interns** will help harvest public domain content, copyedit articles, and otherwise assist authors and topic editors in producing and publishing articles. **Encyclopedia Interns** will learn the basics of Mediawiki software, the collaborative content platform that underlies Wikipedia, and work with researchers, educators, professionals, and other experts on climate change and related topics

The time commitment is flexible and you can work at home, your school's Food Court, Starbucks, or wherever you can grab an Internet connection.

You can see the current group of "e-scribe" Interns here: <http://www.eoearth.org/article/E-scribes>.

Here's your chance to make a difference and gain unique professional experience. Interested?

Contact Maggie Surface at eoearth@eoearth.org.

NHEERL Global Climate Change Research Report Published

A Summary of NHEERL Ecological Research on Global Climate Change reports on 14 years of research conducted by the Office of Research and Development at its National Health and Environmental Effects Research Laboratory (NHEERL) facilities. Edited by Dr. Peter Beedlow and Dr. David Tingey of NHEERL's Western Ecology Division, this compendium of research presents findings on how global climate change may affect terrestrial, freshwater, and marine ecosystems, as well as agriculture. The research described in this report has augmented the understanding of potential effects of global warming and rising levels of atmospheric carbon dioxide on natural and managed ecosystems.

To view the document, go to http://www.epa.gov/wed/pages/publications/authored/GCC_report_web.pdf

