September 2, 2011

Below please find recently-announced grants and other announcements. (Previously announced grants are on our funding pages.)

A few to highlight at MSU: ESPP’s quarterly Interdisciplinary Conference Funding for MSU Graduate Students – this is open to all MSU graduate students. Also, upcoming: next week, the Center for Water Sciences and ESPP will issue two Requests for Proposals related to water. At the national level, two new NSF sustainability options: Science, Engineering and Education for Sustainability Fellows (postdocs), and the Sustainability Research Networks Competition. More details below.

Below please find:


Opportunities for students and recent graduates:

1. **Opportunities for current students:** NSF Graduate Research Fellowships, ESPP travel funding for MSU students, Soros Fellowships for New Americans, guide to international research opportunities, international social science research, East Asia and Pacific Summer Institutes, Estuarine Reserve research, Smithsonian Tropical Research Institution, energy research

2. **Postdocs and faculty jobs:** NSF Sustainability Fellows (new, sweet opportunity!), Harvard, Environmental Fellows, jobs in water and transportation at Michigan Tech, postdocs in environmental risk, faculty position in env policy and science, position in climate adaptation, postdocs in Israel

Opportunities for faculty:

1. **Sustainability:** NSF Sustainability Research Networks Competition, MSU SMEP sustainability scholarship

2. **Ecology:** Ecology and Evolution of Infectious Diseases, Ocean Sciences for under-represented groups, migratory birds

3. **International:** BREAD (NSF/Gates agricultural development), research in Israel

4. **Various:** NASA solicitation on disasters, MSU IPPSR applied policy grants (Michigan), Social Science Research Council student training, NSF small business grants, Arctic black carbon (EPA), marine debris removal

REPORTS AND ANNOUNCEMENTS

Research Development and Grant Writing News (August 15), MSU Libraries

Variety of grant-related information. Features on NEH, NSF PIRE, NIST, HUD,….

New “book machine” at MSU Libraries

We’ve been asked to share news of the Libraries’ recent acquisition. The “Espresso Book Machine” turns PDFs into bound books, very rapidly and relatively cheaply. Library encourages creative use.

Public input requested on Agricultural Management Practices, Michigan Commission on Agriculture & Rural Development

Will consider Generally Accepted Agricultural and Management Practices (GAAMPs) regarding Manure Management and Utilization, Site Selection and Odor Control for New and Expanding Livestock Production Facilities, Farm Market, and Irrigation Water Use.

*September 28, 2011*

**OPPORTUNITIES FOR STUDENTS AND RECENT GRADUATES**
1. Opportunities for current students

Graduate Research Fellowships, National Science Foundation
For graduate study leading to research-based master’s or doctoral degrees. All fields. Must apply prior to completing the first term of the second year of graduate school. Must be US citizen, national, or permanent resident. Three years of support. $30,000+ tuition/ year. 2000 fellowships awarded annually. Mid- November (annual)

Interdisciplinary Conference Funding for MSU Graduate Students, ESPP
To attend conference or meetings with an interdisciplinary environmental focus. Students must present their work. Up to $750 per request. October 15, January 15, April 15, July 15

Soros Fellowships for New Americans
Graduate fellowships for resident aliens, Green Card holders, or naturalized US citizens. For study in any area. Apply before applying for graduate school or in first or second year of study. Two years of support. $25,000/ year + up to $20K tuition. 30 awards annually. November 1 (annual)

Guide to Fellowships and Grants for Graduate Student International Research, MSU
Extensive listing, compiled by David Wiley, Christine Root, and Deborah Jesswein.

International Dissertation Research Fellowship, Social Science Research Council
For students in the humanities and social sciences. Must have passed qualifying exams by the time the fellowship begins. $20,000. 75 awards. November 3 (annual)

East Asia and Pacific Summer Institutes, National Science Foundation
Provides graduate students with first-hand research experience in Australia, China, Japan, Korea, Singapore, New Zealand or Taiwan. For Master’s, medical, or doctoral students at any stage. Must be US citizen or permanent resident. $5,000 + travel funding. 200 awarded annually. November 9 (annual)

National Estuarine Research Reserve Graduate Research Fellowship Program, National Oceanic and Atmospheric Administration
To conduct research at a Reserve. Master’s and doctoral students are eligible. Students from social science and interdisciplinary programs are especially encouraged to apply. Up to three years of support. $20,000/ year. 18 awards annually. November 1 (annual)

Fellowships, Smithsonian Tropical Research Institute (STRI)
Three- month fellowships at STRI, in Panama. Must work with STRI researcher to develop proposal. Focused on graduate students; occasionally funds undergraduates and postdoctoral researchers. $800/month, small research allowance, and airfare. March 15, May 15, August 15 and November 15 (annual)

Energy research, Link Foundation
For doctoral research that addresses societal energy supply and utilization. Preference will be given to candidates who have a well-defined thesis direction. Two years of support. $25,000/ year. Two awards. December 1 (annual)

2. Postdocs and faculty jobs

Science, Engineering and Education for Sustainability Fellows, National Science Foundation
New program. For work on sustainability science. Must have received doctorate within four years of application deadline. Must be United States citizens or nationals, or permanent residents of the United States (by the application deadline). Two-four years of support. 12-20 awarded.

December 5 (annual)

Environmental Fellows Program, Harvard University Center for the Environment
Work with Harvard faculty members in any school or department to create knowledge while strengthening connections across the University's academic disciplines. Two years of support. $60,000. Four- six awarded annually.

January 13 (annual)

Water-related and transportation-related faculty positions, Michigan Technological University
Seven positions in each category. Thanks to Mary Schulz for sharing this.

October 1, 2011

Post-doctoral fellowships, AXA Research Fund
For work on environmental risk related to natural disasters and climate change. International emphasis (see eligibility criteria).

February 25, September 9 (annual)

Assistant Professor, Environmental Policy and Science, San Jose State University, CA
Thanks to Phil Howard for sharing this.

December 1, 2011

Research Fellow on Social Dimensions of Climate Change Adaptation, University of Melbourne, Australia
Thanks to Tom Dietz for sharing this.

September 18, 2011

Postdocs, Lady Davis Fellowship Trust (Israel)
For work in Israel (at Hebrew University or Technion), 2-9 months. Any area. About 20 awarded annually.

November - December (annual)

OPPORTUNITIES FOR FACULTY

1. Sustainability

Sustainability Research Networks Competition, National Science Foundation
To support the development and coalescence of entities to advance collaborative research that addresses questions and challenges in sustainability science, engineering, and education. Possible themes include: Energy and Materials Issues in Sustainability, Urban Sustainability, Large Scale Energy Production and Consumption Dynamics, Coastal System Vulnerability and Resilience, Altered Biogeochemistry of Earth Systems, Sustainability of Freshwater Supplies, Food Security and Land Use Change. 3-4 awards. 4-5 years in duration; $12 million per award.

Preliminary proposal due December 01, 2011; full proposal due April 1, 2012

Engaged sustainability scholarship collaborations, MSU Sustainable Michigan Endowed Project
For collaboration that will result in a plan for research proposal or conference related to Michigan's landscapes and ecosystems. Proposal should involve an MSU faculty member and others, possibly including civil society). Up to $15,000 per project.

Ongoing

2. Ecology

Ecology and Evolution of Infectious Diseases (EEID), National Science Foundation
For research on the ecological, evolutionary, and socio-ecological principles and processes that regulate the transmission dynamics of infectious diseases. Proposals for research on disease systems of public health concern to developing countries are strongly encouraged, as are disease systems of concern in agricultural and coastal marine systems.

Ocean Sciences Research Initiation Grants National Science Foundation
To increase the participation of under-represented groups in the ocean sciences. Start-up funding for junior researchers.

Neotropical Migratory Bird Grants, US Fish and Wildlife Service
For work in the United States, Canada, Latin America, and the Caribbean. Focus on conservation, but does fund research and monitoring.

3. International

Basic Research to Enable Agricultural Development (BREAD), NSF and Gates Foundation
To support innovative basic scientific research designed to address key constraints to smallholder agriculture in the developing world. Genomic research and research involving animals, microbes, soils, weather forecasting, and technology development. 10-20 awards; $12 million available/ year.

Visiting Professorships, Lady Davis Fellowship Trust (Israel)
For work in Israel (at Hebrew University or Technion), 2-9 months.

4. Various

ROSES 2011: Earth Science Applications: Disasters, NASA
For practical applications of Earth science observations, models, research, and technologies to enhance disaster reduction, management practices, and resource decisions.

Michigan Applied Policy Grant Proposals, Institute for Public Policy and Social Research, MSU
To fund ongoing or new research that is focused on policy issues that are relevant to economic development discussions within the Michigan Legislature. Up to $15,000 with an additional $10,000 available for survey research. 10 awards.

Dissertation Proposal Development Fellowship - Faculty Research Directors, Social Science Research Council
Pairs of (tenured) faculty propose student research training programs for interdisciplinary fields of study within the humanities and/or social sciences. Faculty whose fields are selected lead two student training workshops. $10,000 stipend.

Small Business Innovation Research Program Phase I, National Science Foundation
Small businesses may collaborate with universities. Topic areas include Biological and Chemical Technologies; Electronics, Information and Communication Technologies; and Nanotechnology, Advanced Materials, and Manufacturing (NM).

Artic Black Carbon: Reduction of Black Carbon from Diesel Sources, EPA
To help develop and implement assessment and mitigation activities for diesel sources of black carbon in the Russian Arctic. One cooperative agreement.

November 4, 2011

Community-based Marine Debris Removal Project Grants, NOAA
For locally driven, community-based marine debris prevention, assessment, and removal projects that will benefit coastal habitat, waterways, and NOAA trust resources.

November 1 (annual)