Feb.15, 2014

Below please find recently-announced grant and other announcements. Previously-posted grants are available on our funding pages.

Please send information you think should be included, especially about interdisciplinary environmental conferences, to espp@msu.edu

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ESPP Funding Opportunities: Feb. 15, 2014

OPPORTUNITIES FOR STUDENTS and RECENT GRADUATES

East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI) NSF 13-593
NSF and selected foreign counterpart science and technology agencies sponsor international research institutes for U.S. graduate students in seven East Asia and Pacific locations at times set by the counterpart agencies between June and August each year. The Summer Institutes (EAPSI) operate similarly and the research visits to a particular location take place at the same time. Although applicants apply individually to participate in a Summer Institute, awardees become part of the cohort for each location. Applicants must propose a location, host scientist, and research project that is appropriate for the host site and duration of the international visit. An EAPSI award provides U.S. graduate students in science, engineering, and education: 1) first-hand research experiences in Australia, China, Japan, Korea, New Zealand, Singapore, or Taiwan; 2) an introduction to the science, science policy, and scientific infrastructure of the respective location; and 3) an orientation to the society, culture, and language.
Nov. 13, 2014

SBE Postdoctoral Research Fellowships (SPRF) NSF 12-591
The Directorate for Social, Behavioral and Economic Sciences (SBE) offers Postdoctoral Research Fellowships in two tracks: (i) Broadening Participation (SPRF-BP), and (ii) Interdisciplinary Research in Behavioral and Social Sciences (SPRF-IBSS). See the full text of the solicitation for detailed description of these tracks.
Oct. 27, 2014

OPPORTUNITIES FOR FACULTY

EHR Core Research (ECR)-NSF 13-555
The EHR Core Research (ECR) program establishes a mechanism in the Directorate for Education and Human Resources to provide funding in foundational research areas that are broad, essential and enduring. EHR seeks proposals that will help synthesize, build and/or expand research foundations in the following core areas: STEM learning, STEM learning environments, workforce development, and broadening participation in STEM. We invite researchers to identify and conduct

research on questions or issues in order to advance the improvement of STEM learning in general, or to address specific challenges of great importance. Two types of proposals are invited: Core Research Proposals (maximum 5 years, $1.5 million) that propose to study a foundational research question/issue designed to inform the transformation of STEM learning and education and Capacity Building Proposals (maximum 3 years, $300,000) intended to support groundwork necessary for advancing research within the four core areas. Four webinars on the EHR Core Research (ECR) program were held during December. Slides used during the webinars are available at the ECR FY 14 Webinar Series event page at:
http://www.nsf.gov/events/event_summ.jsp?cntn_id=129720&org=EHR.
Feb. 3, 2015. First Tuesday in February annually.

Dynamics of Coupled Natural and Human Systems (CNH) – NSF 10-612
The Dynamics of Coupled Natural and Human Systems (CNH) Program promotes interdisciplinary analyses of relevant human and natural system processes and complex interactions among human and natural systems at diverse scales. CNH intends to support three types of activities: A. CNH Large Interdisciplinary Research Projects. Most projects will extend from two to five years in duration; B. CNH Interdisciplinary Team Exploratory Projects. Most exploratory projects will extend from one to two years in duration; and, C. CNH Research Coordination Networks (CNH-RCNs). CNH-RCNs will extend five years in duration.
Nov. 18, 2014. Third Tuesday in November annually.

Faculty Early Career Development (CAREER) Program / BIO, CISE, EHR – NSF 14-532
BIO/Biological Sciences; CISE/Computer & Information Science & Engineering; EHR/Education & Human Resources Directorates: The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from junior faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply. Note that PIs that are Associate Professors or in equivalent appointments, with or without tenure, are not eligible for the CAREER program.
July 21, 2014

Faculty Early Career Development (CAREER) Program / ENG – NSF 14-532
ENG/Engineering Directorate: The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from junior faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply. Note that PIs that are Associate Professors or in equivalent appointments, with or without tenure, are not eligible for the CAREER program.
July 22, 2014

Faculty Early Career Development (CAREER) Program / GEO, MPS, SBE – NSF 14-532
GEO/Geosciences; MPS/Mathematical & Physical Sciences; SBE/Social, Behavioral & Economic Sciences Directorates: The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from junior faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply. Note that PIs that are Associate Professors or in equivalent appointments, with or without tenure, are not eligible for the CAREER program.
July 23, 2014

Resilient Interdependent Infrastructure Processes and Systems (RIPS) – NSF 14-524
The goals of the Resilient Interdependent Infrastructure Processes and Systems (RIPS) solicitation are (1) to foster an interdisciplinary research community that discovers new knowledge for the design and operation of infrastructures as processes and services (2) to enhance the understanding and design of interdependent critical infrastructure systems (ICIs) and processes that provide essential goods and services despite disruptions and failures from any cause, natural, technological, or malicious, and (3) to create the knowledge for innovation in ICIs to advance society with new goods and services. The objectives of this solicitation are: 1) Create theoretical frameworks and multidisciplinary computational models of interdependent infrastructure systems, processes and services, capable of analytical prediction of complex behaviors, in response to system and policy changes; 2) Synthesize new approaches to increase resilience, interoperations, performance, and readiness in ICIs; 3)Understand organizational, social, psychological, legal, political and economic obstacles to improving ICI's, and identifying strategies for overcoming those obstacles.
March 19, 2014

Sustainability Research Networks Competition (SRN) 2014 Focus: Urban Sustainability – NSF 14-534
The goal of the Sustainability Research Networks (SRN) competition is to bring together multidisciplinary teams of researchers, educators, managers, policymakers and other stakeholders to conduct collaborative research that addresses fundamental challenges in sustainability. The 2014 SRN competition will fund research networks with a focus on urban sustainability. Proposals should identify an ambitious and nationally important theme in urban sustainability, present a creative and innovative research agenda that builds upon existing work in this area, and describe how a network of researchers and other stakeholders will be supported that integrates a variety of disciplines, sectors and backgrounds in order to create new perspectives and yield significant new understanding and knowledge.
April 29, 2014

Catalyzing New International Collaborations (CNIC) – NSF 13-605

CNIC awards support short international planning visits by US-based researchers or small workshops that are expected to result in submission of follow-on full research proposal(s) to NSF. In addition to the formal solicitation, Frequently Asked Questions (FAQs) about the CNIC program are available. Potential proposers should review both these FAQs and the solicitation before contacting program staff. Prior to formal submission in response to this solicitation, it is required that potential proposers make contact with the cognizant OIIA/ISE Country/Regional Program Officer. The OIIA/ISE Country/Regional Program Officers are listed at http://www.nsf.gov/od/iia/ise/country-list.jsp.

April 22, 2014 and July 22, 2014. Annually April 22 and July 22.