

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

ESPP Funding Opportunities: Feb. 1, 2014

OPPORTUNITIES FOR STUDENTS and RECENT GRADUATES

NSF Science, Engineering and Education for Sustainability Fellows - NSF 13-595 Replaces NSF 12-601

Through the SEES Fellows Program, NSF seeks to advance science, engineering, and education to inform the societal actions needed for environmental and economic sustainability and human well-being while creating the necessary workforce to address these challenges. The Program's emphasis is to facilitate investigations that cross traditional disciplinary boundaries and address issues of sustainability through a systems approach, building bridges between academic inquiry, economic growth, and societal needs.

November 20, 2014. Third Thursday in November Annually Thereafter

SBE Doctoral Dissertation Research Improvement Grants (SBE DDRIG) NSF 11-547

The National Science Foundation's Division of Behavioral and Cognitive Sciences (BCS), Division of Social and Economic Sciences (SES), National Center for Science and Engineering Statistics (NCSES), and the SBE Office of Multidisciplinary Activities (SMA) award grants to doctoral students to improve the quality of dissertation research. These grants provide funds for items not normally available through the student's university. Additionally, these grants allow doctoral students to undertake significant data-gathering projects and to conduct field research in settings away from their campus that would not otherwise be possible.

Nov. 20, 2014. Third Thursday in November Annually Thereafter

Fiscal Year 2014 NMFS-Sea Grant Fellowships in Population and Ecosystem Dynamics NOAA-OAR-SG-2014-2003955

The Graduate Fellowship Program awards at least two new PhD fellowships each year to students who are interested in careers related to marine ecosystem and population dynamics, with a focus on modeling and managing systems of living marine resources. The emphasis will be on the development and implementation of quantitative methods for assessing marine ecosystems, for assessing the status of fish, invertebrate, and other targeted species stocks, and for assessing the status of marine mammals, seabirds, and other protected species. Fellows will work on thesis

problems of public interest and relevance to NMFS under the guidance of NMFS mentors at participating NMFS Science Centers or Laboratories.

February 21, 2014

Fiscal Year 2015 National Sea Grant College Program Dean John A. Knauss Marine Policy Fellowship - NOAA-OAR-SG-2015-2003978

This notice announces that applications may be submitted for the 2015 National Sea Grant College Program Dean John A. Knauss Marine Policy Fellowship (Sea Grant Knauss Fellowship Program). Sea Grant anticipates funding not less than 30 selected applicants, of which those assigned to the Legislative branch may be limited to 10. Each award will be funded at a total of \$56,500 in federal funding.

March 28, 2014

OPPORTUNITIES FOR FACULTY

Aleutian and Bering Sea Islands Landscape Conservation Cooperative - F14AS00054

The USFWS is seeking proposals on behalf of the Aleutian and Bering Sea Islands Landscape Conservation Cooperative hereafter shown as ABSI LCC. The Mission of the ABSI LCC is to promote coordination, dissemination, and development of applied science to inform conservation of natural and cultural resources in the face of climate change and other landscape scale stressors. This Notice of Funding Availability has two Topics. Topic 1: A coarse filter vulnerability assessment for terrestrial habitats relative to invasive animal species. Topic 2: A coarse filter vulnerability assessment for key species and human communities relative to contaminants and pollutants.

Feb. 24, 2014

Early Career Awards: Particulate Matter and Related Pollutants in a Changing World - EPA-G2014-STAR-G2

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research on understanding particulate matter and related atmospheric pollutants in a changing world. Specifically, research is sought on the changing spatiotemporal patterns or environmental impacts of particulate matter in the United States, the challenges that various aspects of global change pose for the management of particulate matter and related pollutants, the rates and timescales at which global change can impact United States air quality, and stronger linkages between the modeling of atmospheric processes and other environmental processes. In order to understand and adapt to future changes, environmental planners and decision makers need information on the challenge global change presents for protecting the environment and human health; this solicitation seeks research on these challenges.

March 14, 2014

Particulate Matter and Related Pollutants in a Changing World - EPA-G2014-STAR-G1

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research on understanding particulate matter and related atmospheric pollutants in a changing world. Specifically, research is sought on the changing spatiotemporal patterns or environmental impacts of particulate matter in the United States, the

challenges that various aspects of global change pose for the management of particulate matter and related pollutants, the rates and timescales at which global change can impact United States air quality, and stronger linkages between the modeling of atmospheric processes and other environmental processes. In order to understand and adapt to future changes, environmental planners and decision makers need information on the challenge global change presents for protecting the environment and human health; this solicitation seeks research on these challenges.
March 14, 2014

Fiscal Year 2014 Source Reduction Assistance Grant Program - EPA-HQ-OPPT-2014-001

EPA annually awards grants and cooperative agreements under the Source Reduction Assistance (SRA) Grant Program to support pollution prevention/source reduction and/or resource conservation projects that reduce or eliminate pollution at the source. The grant program does not support projects that rely on reducing pollution by using recycling, clean-up, treatment, disposal or energy recovery activities. This solicitation announces that EPA's Regional Pollution Prevention (P2) Program Offices anticipate having up to \$147,000, per region, or up to \$1,029,000 in total award funding to issue SRA awards in FY 2014. EPA will issue the awards in the form of grants and/or cooperative agreements. All funding will be awarded and managed by the EPA Regional P2 Program Offices. All estimates are subject to the availability of Congressional appropriations.

March 11, 2014

National Center for Sustainable Water Infrastructure Modeling Research - EPA-G2014-STAR-H1

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking initial applications proposing the creation of a National Center for Sustainable Water Infrastructure Modeling Research (Center) that facilitates technology transfer of open source water infrastructure models and shares green infrastructure tools and research advancements with local communities and stakeholders. EPA will review the initial applications based on the initial application review criteria in Section V and the submitters of the highest-ranked initial applications will be asked to submit full applications.

March 10, 2014

ROSES 2013: Earth Science Applications: Health and Air Quality - NNH13ZDA001N-HEALTH

NNH13ZDA001N, entitled "Research Opportunities in Space and Earth Sciences - 2013 (ROSES-2013), will be available on or about February 14, 2013, by opening the NASA Research Opportunities homepage at <http://nspires.nasaprs.com/> and then linking through the menu listing Solicitations to Open Solicitations. This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. This ROSES NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences

April 24, 2014

ROSES 2013: Earth Science Applications: Water Resources - NNH13ZDA001N-WATER

NNH13ZDA001N, entitled "Research Opportunities in Space and Earth Sciences - 2013 (ROSES-2013), will be available on or about February 14, 2013, by opening the NASA Research Opportunities homepage at <http://nspires.nasaprs.com/> and then linking through the menu listing Solicitations to Open Solicitations. This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. This ROSES NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences.

April 30, 2014

Community Health Projects Related to Contamination at Brownfield/Land Reuse Sites (ATSDR CHPs) - CDC-RFA-TS14-1404

These projects will identify, address, and improve public health ensuring that in redeveloping Brownfield/Land Reuse sites, particular attention is paid to identifying and addressing health issues prior to redevelopment and assessing changes in community health associated with reuse plans and redevelopment. These community health projects that address impacts of contamination at Brownfield/Land Reuse sites will further ATSDR's public health mission to promote healthy and safe environments and prevent harmful exposures.

March 19, 2014

Environmental Health Sciences Core Centers (EHS CC) (P30) - RFA-ES-13-012

This Funding Opportunity Announcement (FOA) invites applications from qualified institutions for support of Environmental Health Sciences Core Centers (EHS CC). An EHS CC is designed to establish leadership and support for programs of excellence in environmental health sciences by providing scientific guidance, technology, and career development opportunities for promising investigators. A Core Center Grant is an institutional award to support centralized scientific resources and facilities shared by investigators with existing research projects.

April 22, 2014

Advancing Informal STEM Learning (AISL)-NSF 13-608

The Advancing Informal STEM Learning (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning in informal environments for public and professional audiences; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and develop understandings of deeper learning by participants. The program supports five types of projects: (1) Pathways, (2) Research in Service to Practice, (3) Innovations in Development, (4) Broad Implementation, and (5) Conferences, Symposia, and Workshops. (1) Pathways Projects can be funded for up to \$300,000 total and up to two years in duration. (2) Research in Service to Practice Projects can be funded for \$300,000 to \$2 million and from two to five years in duration. (3) Innovations in Development Projects can be funded for \$500,000 to \$3 million and up to five years in duration. (4) Broad Implementation Projects can be funded for \$500,000 to \$3 million and from two to five years in duration. (5) Conferences, Symposia, and Workshops.

Nov 14, 2014 Full Proposal Deadline(s): November 14 Annually thereafter

NSF 13-531 Hydrological Sciences

The Hydrologic Sciences Program focuses on the fluxes of water in the environment that constitute the water cycle as well as the mass and energy transport function of the water cycle in the environment. The program supports studies examining (1) the spatial and temporal heterogeneity of water and chemical fluxes and storages from local to global scales, (2) interfacial water fluxes and pathways among system compartments; and (3) how hydrologic processes couple to the critical zone via land use change, climate change and ecosystems function. Hydrologic Sciences also supports research in aqueous, colloidal and suspended geochemistry directly connected to hydrologic transport processes.

June 1, 2014 - June 1, Annually Thereafter AND December 5, 2014 - December 5, Annually Thereafter

National Robotics Initiative NSF 14-500

The goal of the National Robotics Initiative is to accelerate the development and use of robots in the United States that work beside, or cooperatively with, people. Innovative robotics research and applications emphasizing the realization of such co-robots acting in direct support of and in a symbiotic relationship with human partners is supported by multiple agencies of the federal government including the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), the National Institutes of Health (NIH), and the U.S. Department of Agriculture (USDA). The purpose of this program is the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. Only one class of proposals will be considered in response to this solicitation. As detailed in the solicitation, appropriate scientific areas of investigation may be related to any of the participating funding organizations, but NIH and USDA will only fund proposals no larger than a certain size.

Nov. 13, 2014. Second Thursday in November Annually Thereafter

Cyber-Innovation for Sustainability Science and Engineering NSF 14-531

The Cyber-Innovation for Sustainability Science and Engineering (CyberSEES) program aims to advance interdisciplinary research in which the science and engineering of sustainability are enabled by new advances in computing, and where computational innovation is grounded in the context of sustainability problems. CyberSEES supports research on all sustainability topics that depend on advances in computational areas. Additionally, the widespread, intensive use of computing technologies also introduces sustainability challenges and motivates new approaches across the lifecycle of technology design and use.

April 8, 2014 and Feb. 3, 2015. First Tuesday in February Annually Thereafter.

Environmental Health and Safety of Nanotechnology NSF PD-14-1179

The Environmental Health and Safety of Nanotechnology (Nano EHS) program provides support to examine and mitigate the environmental effects of nanotechnologies. Fundamental research is sought to understand, evaluate, and lessen the impact of nanotechnology on the environment and biological systems. The program emphasizes engineering principles underlying the environmental health and safety impacts of nanotechnology. Innovative methods related to clean nanomaterials production processes, waste reduction, recycling, and industrial ecology of nanotechnology are also of interest. Current areas of support include: Understanding, measuring, mitigating, and preventing adverse effects of nanotechnology on the environment and biological systems; Nanotechnology environmental health and safety impacts; Predictive methodology for the interaction of nanoparticles with the environment and with the human body, including predictive approaches for toxicity; Fate and transport of engineered nanoparticles and their by-products; and, Risk assessment and management of the effect of nanomaterials in the environment.

Feb. 19, 2014

Decision, Risk and Management Sciences (DRMS) - NSF PD 98-1321

The Decision, Risk and Management Sciences program supports scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society. Disciplinary and interdisciplinary research, doctoral dissertation research, and workshops are funded in the areas of judgment and decision making; decision analysis and decision aids; risk analysis, perception, and communication; societal and public policy decision making; management science and organizational design. The program also supports small grants that are time-critical (Rapid Response Research - RAPID) and small grants that are high-risk and of a potentially transformative nature (EARly-Concept Grants for Exploratory Research - EAGER).

Aug. 18, 2014. Jan. 18, 2015.

Climate Change Adaptation Program (GPAP) - APS-527-13-000002

One important effect of global climate change is the reduction in naturally stored water resources which, for Peru, means melting glaciers and a decrease in the size of highland wetlands (paramos). The loss of these areas decreases water availability for upland and lowland communities and increases the potential for Glacial Lake Outburst Floods (GLOFs). This APS seeks to stimulate adaptation projects that assist indigenous mountain communities, rural and urban areas, and local and regional governments potentially affected by GLOFs or changes in water availability. General project outcomes will be long-term, sustainable approaches that help reduce the impact of climate change on glaciated and highland wetland ecosystems and on those that depend on these ecosystems' services.

June 6, 2014