

ESPP Funding Opportunities: June 15, 2015

OPPORTUNITIES FOR STUDENTS and RECENT GRADUATES

Global Center for Food Systems Innovation Student Innovation Grants

The Global Center for Food Systems Innovation (GCFSI) is seeking undergraduate or graduate student applicants who can help create innovation in the global food system by proposing innovative solutions to food system challenges. We are issuing this call for proposals to connect with student creativity and problem solving across higher education. We will award up to 15 grants of \$10,000 each to student research and class groups, including design challenges in senior-level capstone design classes, for up to 12 month projects, that test, pilot or scale innovations related to food systems.

July 10, 2015

OPPORTUNITIES FOR FACULTY

Coastal Ecosystem Resiliency Grants Program

NOAA Fisheries is administering up to \$4 million for the Coastal Ecosystem Resiliency Grants Program, which will focus on the development of healthy and sustainable coastal ecosystems through on-the-ground habitat restoration. Proposals are due by July 2, 2015.

July 2, 2015

USAID Bureau for Economic Growth, Education and Environment (E3) Broad Agency Announcement (BAA) for localworks BAA-OAA-LWK-2015

This Broad Agency Announcement (BAA) seeks opportunities to support locally-owned and -led development by strengthening networks of local development actors in order to promote the mobilization of and access to local resources, improve country systems and enabling environments, and resolve local problems in an enduring manner. E3/LS will work towards achieving this purpose primarily through 1) long-term financial and technical support to USAID field missions selected to participate in the localworks program, and 2) the identification and dissemination of the principles, approaches, and methods that increase the probability of local development actors meeting the evolving needs of a broad range of constituents.

July 13, 2015

NOAA National Ocean Service Regional Coastal Resilience Grant Program

NOAA's National Ocean Service is supporting the effort with \$5 million in competitive grant awards through the Regional Coastal Resilience Grant Program. This program will help coastal communities and economic sectors prepare for and recover from adverse events and adapt to changing environmental, economic, and social conditions.

July 24, 2015

BLM OR-WA Lichen and Bryophyte Studies, Education and Conservation

The BLM is tasked with the conservation, protection, and preservation of threatened and

endangered species. Bryophytes and lichens are an integral and important part of Pacific Northwest forests. While much is known about vascular plant ranges and habitats, less is known about bryophytes and lichens. Although some species are considered rare, often there is not enough information about their ranges to verify rarity. Biodiversity Research Collective (BRC) is a group of scientists, who are studying bryophytes and lichens in order to further knowledge about these species. These studies have included the study of lichens found on rare Garry oak habitats in WA, inventories of soil crusts in eastern WA and OR and surveys for calicioid lichens in old growth forests and riparian areas of the Gifford Pinchot National Forest. These studies are critical to our understanding of species that are suspected of being endangered or rare because they provide documentation of range extensions and abundance. The objective of this program is to compile and disseminate scientific information about lichens and bryophytes and their habitats; to produce assessments and educational materials; to facilitate education and training; lead field trips for State and Federal agencies and other public and private entities; perform lichen and bryophyte inventories; collaborate and work with Universities, State and Federal Agencies, Non-governmental organizations and the general public on lichenology and bryology.

Aug. 10, 2015

Collections in Support of Biological Research. National Science Foundation. NSF 15-577

The Collections in Support of Biological Research (CSBR) Program provides funds: 1) for improvements to secure and organize collections that are significant to the NSF BIO-funded research community; 2) to secure collections-related data for sustained, accurate, and efficient accessibility to the biological research community; and 3) to transfer ownership of collections. The CSBR program provides for enhancements that secure and improve existing collections, improves the accessibility of digitized specimen-related data, and develop better methods for specimen curation and collection management. Requests should demonstrate a clear and urgent need to secure the collection, and the proposed activities should address that need. Biological collections supported include established living stock/culture collections, vouchered non-living natural history collections, and jointly-curated ancillary collections such as preserved tissues and DNA libraries.

Sept. 10, 2015

Environmental Sustainability National Science Foundation PD-14-7643

The goal of the Environmental Sustainability program is to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival. Research efforts supported by the program typically consider long time horizons and may incorporate contributions from the social sciences and ethics. The program supports engineering research that seeks to balance society's need to provide ecological protection and maintain stable economic conditions. There are four principal general research areas that are supported.

Oct. 20, 2015

EarthScope. National Science Foundation. 15-578

EarthScope is an Earth science program to explore the 4-dimensional structure of the North American continent. The EarthScope Program provides a framework for broad, integrated studies across the Earth sciences, including research on fault properties and the earthquake process, strain transfer, magmatic and hydrous fluids in the crust and mantle, plate boundary processes, large-scale continental deformation, continental structure and evolution, and composition and structure of the deep Earth. In addition, EarthScope offers a centralized forum for Earth science education at all levels and an excellent opportunity to develop cyberinfrastructure to integrate, distribute, and analyze diverse data sets. The EarthScope Facility, comprised of the Plate Boundary Observatory (PBO), the San Andreas Fault Observatory at Depth (SAFOD), and USArray, greatly expanded the observational capabilities of the Earth sciences. In FY 2014, the Geodesy Advancing Geosciences and EarthScope (GAGE) facility was created through the integration of PBO and prior "core" geodetic facilities supported by EAR. At the same time, the Seismological Facilities for the

Advancement of Geosciences and EarthScope (SAGE) was created through the integration of USArray and prior "core" seismic facilities supported by EAR . This Solicitation calls for single or collaborative proposals to conduct scientific research and/or education and outreach activities within North America that make use of capabilities provided through, and/or data and/or models derived from, GAGE, SAGE, and/or SAFOD.

Nov. 13, 2015

National Collaborative for Bio-Preparedness (NCB-P) Department of Homeland Security DHS-15-OH-122-NCB-P-SUPP

The National Collaborative for BioPreparedness (NCBP) is a functional system that has the ability to collect extensible data sets and offer deeper insight into an emerging health incident of national concern through data analytics and anomaly algorithms, rather than rearticulate already known and existing information. This is a continuation of the program that supports the development of a comprehensive, statewide system to analyze public health trends and detect incidents that may threaten homeland security.

May 31, 2016