

ESPP Funding Opportunities: Dec. 1, 2015

OPPORTUNITIES FOR STUDENTS and RECENT GRADUATES

National Socio-Environmental Synthesis Center Postdoctoral Fellows and Collaborating Mentors

The National Socio-Environmental Synthesis Center (SESYNC) invites applications for two-year postdoctoral fellowships that will begin August 1, 2016. SESYNC also invites applications for Collaborating Mentors, who will co-develop postdoctoral projects and provide substantive intellectual and methodological mentoring during the fellowship. The Postdoctoral Socio-Environmental Immersion Program will bring early-career scholars to SESYNC to undertake individual synthesis projects; participate in workshops led by distinguished natural scientists and social scientists; and enhance their collaborative network, computational skills, and understanding of the science-policy nexus.

Dec. 7, 2015

Kinship Conservation Fellows

The Kinship Conservation Fellows is an environmental leadership program that emphasizes market-based solutions to environmental problems. Kinship's global network of two hundred and twenty-eight fellows in fifty-one countries across seven continents is collaborative, entrepreneurial, and dedicated to effective conservation. Fellowships provide month-long, in-residence programming delivered by a faculty of global experts who work closely with each cohort of fellows. Fellows attend dynamic sessions, participate in collaborative and independent projects, and enjoy a rich, multi-faceted experience. In addition, fellows have the opportunity to work directly with principles and practices that can improve the way we interpret and respond to complex environmental conservation problems.

Jan. 19, 2016

OPPORTUNITIES FOR FACULTY

Fish Habitat Restoration in the St. Clair River G13AC00085

Our goal is to use science-driven, adaptive management to measure physical and biological habitat parameters and establish two fish spawning reefs made of 4-8 inch broken limestone in the St. Clair River: one just south of St. Clair Township, MI and the other just north of Marine City, MI.; each reef being about 2 acres in size and a minimum of 2 feet thick, during Summer of 2013. This is a continuation moving to the third generation.

Dec. 7, 2015

Oceanographic Facilities and Equipment Support NSF 13-589

Oceanographic facilities and equipment are supported by the Integrative Programs Section (IPS) of the Division of Ocean Sciences Division (OCE), Directorate for Geosciences (GEO). These awards are made for the procurement, conversion and/or up-grade, enhancement or annual operation of platforms in the ocean, coastal, near-shore and Great Lakes.

Dec. 15, 2015

Dear Colleague Letter: Germination of Research Ideas for Large Opportunities and Critical Social Needs (GERMINATION) NSF 16-028

NSF welcomes novel approaches to educate and nurture early- and/or mid- career faculty, as well as graduate students and post-doctoral fellows to develop research concepts and questions that are

not only transformative, but also with the potential to address important societal needs. Proposals should focus on the development of key skills and mindsets that will increase the capacity of participants to identify big opportunities, think creatively, explore novel research formulations, and take intellectual risk. Proposals should clearly identify the targeted participants. The proposed learning frameworks, platforms and/or environments should be designed to match the needs of targeted participants. The targeted participants may include any of the following: early- and/or mid-career faculty, graduate students, and/or post-doctoral fellows. Proposers are strongly encouraged to design their exploratory approaches as creatively as possible, building on relevant knowledge from social/behavioral sciences and science of research organizations. A plan to pilot the approach and test the effectiveness of the approach must be included. Proposals may choose to focus on one or a few research domains or be broad and allow all research domains. Multidisciplinary convergence types of approaches are highly encouraged. There is no constraint on the academic backgrounds of participants who can come from one or multiple institutions with a variety of academic backgrounds as appropriate.

5 p.m. Jan. 19, 2016

Systems Biology Enabled Research on the Roles of Microbial Communities in Carbon Cycle Processes

The Office of Biological and Environmental Research (BER) of the Office of Science (SC), U.S. Department of Energy (DOE) hereby announces its interest in receiving applications for research that supports the Genomic Science research program (<http://genomicscience.energy.gov>). In this Funding Opportunity Announcement (FOA), applications are solicited for: i.) systems biology studies on regulatory and metabolic networks of microbes, microbial consortia, and microbe-plant interactions involved in biogeochemical cycling of carbon, ii.) development and application of –omics approaches to investigate microbial community functional processes involved in carbon cycling in terrestrial ecosystems.

March 23, 2016

Dear Colleague Letter: Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE) NSF16-023

The Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE) pilot continues to support bold interdisciplinary projects in all NSF-supported areas of science, engineering, and education research in FY16. INSPIRE has no targeted themes and serves as a funding mechanism for proposals that are required both to be interdisciplinary and to exhibit potentially transformative research (IDR and PTR, respectively). Complementing existing NSF efforts, INSPIRE was created to handle proposals whose: Scientific advances lie outside the scope of a single program or discipline, such that substantial funding support from more than one program or discipline is necessary. Lines of research promise transformational advances. Prospective discoveries reside at the interfaces of disciplinary boundaries that may not be recognized through traditional review or co-review.

No deadline.