

ESPP Funding Opportunities: May 15, 2015

OPPORTUNITIES FOR STUDENTS and RECENT GRADUATES

EAR Postdoctoral Fellowships, National Science Foundation 15-568

The Division of Earth Sciences (EAR) awards Postdoctoral Fellowships to recent recipients of doctoral degrees to carry out an integrated program of independent research and education. The research and education plans of each fellowship must address scientific questions within the scope of EAR disciplines. The program supports researchers for a period of up to two years with fellowships that can be taken to the institution of their choice (including facilities abroad). The program is intended to recognize beginning investigators of significant potential, and provide them with research experience, mentorship, and training that will establish them in leadership positions in the Earth Sciences community. Because the fellowships are offered only to postdoctoral scientists early in their career, doctoral advisors are encouraged to discuss the availability of EAR postdoctoral fellowships with their graduate students early in their doctoral programs. Fellowships are awards to individuals, not institutions, and are administered by the Fellows.

Jan. 1, 2016

OPPORTUNITIES FOR FACULTY

Cooperative Ecosystem Studies Unit, Great Lakes Northern Forests CESU Department of Interior, Geological Survey G15AS00073

The U.S. Geological Survey (USGS) is offering a funding opportunity to a Cooperative Ecosystem Studies Unit (CESU) partner to conduct program reviews and evaluations of the eight regional Department of the Interior (DOI) Climate Science Centers (CSCs), beginning with the Alaska, Northwest, and Southeast CSCs in 2015. The CSCs are federal-university partnerships managed by the National Climate Change and Wildlife Science Center (NCCWSC), a unit at USGS headquarters in Reston, VA. The NCCWSC and CSCs are designed to provide scientific support for natural and cultural resource managers, primarily at federal, state, and tribal resource management agencies, as they address adaptation to climate change.

May 22, 2015

Energy Conservation Department of Transportation Maritime Administration DTMA91R150011

Maritime Administration Energy Conservation Request for Proposals The Maritime Administration Office of Environment is issuing this Request for Proposals (RFP) for projects that demonstrate criteria pollutant or greenhouse gas emissions reductions from marine vessels through repowering, use of alternative fuels or an alternative energy source, or use of energy conservation technology. A. PROGRAM DESCRIPTION In support of its statutory mission to foster and support the U.S. merchant maritime industry, the Maritime Administration (MARAD) partners with government agencies, industry, and academia to support development of technology and practices that reduce vessel and port air emissions, and increase energy efficiency. Recent efforts have included development of planning and modeling tools, in-situ testing of alternative renewable fuels, the use of fuel cells for vessel and shore power, and vessel repowers. MARAD is seeking to further these efforts through a cooperative agreement to demonstrate technology or practices that reduce vessel or port air emissions through use of alternative fuels or energy sources, or enable greater energy efficiency and conservation.

June 11, 2015

Funds Distribution Program (FDP) for Pesticide Safety Education Programs (PSEPs) EPA-OPP-2015-003

The Office of Pesticide Programs (OPP) is soliciting applications from organizations to distribute funds (Funds Distribution Program “FDP”) to established, federally recognized Pesticide Safety Education Programs (PSEPs). Funds will be distributed for fiscal years (FY) 2015 through FY 2019. Eligible to apply are: states, U.S. territories or possessions, federally recognized Indian tribal governments and Native American Organizations, public and private universities and colleges, hospitals, laboratories, other public or private nonprofit institutions, and local governments. Under this program OPP will provide financial assistance on an annual basis to the recipient to distribute funds to PSEPs. In turn, PSEPs will use the funds to carry out the education and training of persons seeking to become certified pesticide applicators or to maintain existing pesticide applicator certification.

June 22, 2015

CCS Arizona BLM Recreational Shooting Outreach, Education and Monitoring (PDO) L15AS00108

Description of Program and/or Project a. Background: Recreational shooting, also known as target shooting, involves public land users who shoot firearms for pleasure. Shooting at targets on public lands is a growing recreational activity. Safety around recreational shooting areas needs improvement to protect non-shooters. Resource damage is prevalent and increasing. Education about outdoor ethics is not reaching the people who need it. Technology to make recreational shooting more sustainable is not commonly known to shooters or is simply not available. The recreational shooting community has not been organized to complete an education campaign. b. Objectives: The recipient, having the ability to work with others, such as interest groups, organizations, counties, state agencies, private property owners and business interests, should be capable of leading efforts to ensure sustainability of the public's demands and interest for enjoying responsible recreational shooting on public lands. Leadership will consist of working toward and assisting others in the care of areas, outreach for better safety and outdoor ethics and monitoring of trends in both location and effects of recreational shooting. Specific project areas include Table Mesa Recreation Area and Morgan City Wash, north of Phoenix and Miller Road, west of Phoenix. One major activity will be to engage in development of best management practices for outreach methods to effectively reach recreational shooters both on and off public lands surrounding the Phoenix area. These practices and techniques, which can be used to train others, would require support by industry and responsible use advocates. The recipient must have the capability of working with individuals, advocates and equipment manufacturers to develop or modify technology to make recreational shooting more sustainable. Recipient will be encouraged to engage in activities to provide area care, improve safety and environmental ethics and maintain the availability of existing shooting areas for the protection of shooting activities and non-shooting recreation opportunities. Working with others, the recipient will be encouraged to develop and disseminate education messages to recreational shooters, develop maintenance practices which can be applied to public land areas and provide assistance for the care of areas. The recipient should be prepared to work with others to propose and or/study techniques to enhance capability of the specialized recreational shooting support equipment in the marketplace.

June 20, 2015

BLM-WO Leave No Trace Traveling Trainer Program Department of the Interior Bureau of Land Management L15AS00103

Background: The BLM has partnered with the Leave No Trace Center for over 20 years to provide stewardship programs and outdoor ethics education to BLM visitors and BLM staff. Together, BLM and Leave No Trace have provided outreach and outdoor ethics education to thousands of visitors on BLM lands at recreation sites, through signage and print media and through education programs offered to visitors and BLM staff. As a result, BLM visitors and staff have been exposed to responsible recreation practices, outdoor ethics education information and have learned how to practice minimal impact principles that supports the long-term integrity of the BLM lands and resources and builds stewardship of public lands. Objectives: The mission of the Stewardship and

Outdoor Ethics Education Program is to build appreciation and ownership of the public lands by fostering a connection between people and the land through outdoor experiences, education, and volunteerism. The BLM relies on partners and volunteers to help fulfill the Stewardship Programs mission. One of the BLMs long-standing partners, Leave No Trace helps the agency promote stewardship and teach outdoor ethics and responsible recreation to the public and BLM staff Public Benefit: Through this outreach opportunity public land visitors will learn how to practice Leave No Trace principles and will be educated in the importance of their responsibility of having best practices in outdoor ethics while recreating on public lands. They will also learn the importance of environmental stewardship and the value of public lands, which in return will be able to pass on their environmental stewardship knowledge and practices to the next generation of public land stewards. Through stewardship programs and outdoor ethics education BLM staffs involvement through this project will further exposed them to responsible recreation practices and further education in Leave No Trace Outdoor Ethic

June 21, 2015

WaterSMART: Drought Resiliency Project Grants for Fiscal Year 2015 Department of Interior Bureau of Reclamation R15AS00046

Many areas in the west are currently experiencing unprecedented drought conditions. While droughts are common in the western United States (U.S.), there is growing evidence that climate change is causing longer and more frequent droughts in some areas. Drought directly impacts the Bureau of Reclamation's (Reclamation) ability to deliver water and power to contractors, central to Reclamation's mission. As the Nation's largest wholesale water supplier, Reclamation must support our customers, stakeholders, and partners in building resiliency to drought and climate change. Reclamation has developed a new Drought Response Program to improve our ability to assist States, tribes, and local governments to prepare for and address drought in advance of a crisis. The Drought Response Program is funded under the U.S. Department of the Interior's (Interior) WaterSMART (Sustain and Manage America's Resources for Tomorrow) Program. The Drought Response Program supports a proactive approach to drought by providing assistance to water users to (1) develop and update comprehensive drought contingency plans Drought Contingency Plans, (2) implement projects that will build long-term resiliency to drought (Drought Resiliency Projects), and (3) implement emergency response actions. This Funding Opportunity Announcement (FOA) supports Drought Resiliency Projects that will build long-term resiliency to drought and reduce the need for emergency response actions. For further information on the Drought Response Program, please see www.usbr.gov/drought/. For further information on the WaterSMART Program, please see www.usbr.gov/WaterSMART/.

June 26, 2015

National Fish Habitat Action Plan F15AS00210

The National Fish Habitat Action Plan is a national investment strategy to leverage federal and privately raised funds to protect, restore and enhance the nations fish and aquatic habitats through partnerships.

July 1, 2015

BLM Utah Canyon Country Public Lands Restoration and Native Plant Development Project L15AS00111

The objective of this project is to continue the work that has been accomplished in southeast Utah for the BLM, Canyon Country District with invasive species removal, riparian and upland restoration treatments and projects, wildlife habitat improvement projects involving vegetative planting, native plant development, initial maintenance of restoration areas and monitoring associated activities. The recipient would work with local BLM Resource Specialists to identify needs, develop a work/implementation plan, lead or facilitate project implementation and monitoring treatment effectiveness throughout identified areas in the Canyon Country District on an annual basis. The recipient may be asked to provide supplies and materials used in restoration activities including, but

not limited to: herbicides, shrub or tree stock to include native, regionally native, non-native and locally sourced stock, irrigation supplies and other resources needed to successfully meet BLM restoration objectives. The recipient would also be asked to continue current efforts to develop a Moab based native plant material propagation center that would facilitate the collection and establishment of seeds and/or plants and/or utilizing seeds/plants identified in coordination with the BLM Moab Field Office and facilitate studies for successful propagation and development of this native seed and plant materials source. Public Benefit: This project would help support and foster awareness and motivation for ecological restoration and responsibility in the Moab area through the reestablishment of native vegetation for the benefit of wildlife, recreation and a sustainable watershed. The implementation of this project would provide support and organization for collaborative projects that include local youth, volunteers, service organizations, and businesses by implementing invasive species control, native riparian restoration work on BLM administered lands. This project provides direct benefits to the public in assisting restoration of riparian and wildlife habitats on a watershed basis, with downstream benefits realized to all landowners. The project indirectly benefits the BLM through implementation of improved restoration techniques; restoration of public lands and sensitive resources in compliance with environmental laws and guidance; and in providing for restoration services which are rare and difficult to obtain within the region.

July 6, 2015

NOAA-OAR-OWAQ-2015-2004475 VORTEX-SE Department of Commerce

This research funding opportunity is being jointly issued by the OAR Office and Weather and Air Quality (OWAQ) and the National Severe Storms Laboratory (NSSL). It seeks to obtain new knowledge of the meteorological aspects of tornadoes in the southeastern U.S. and the sociological aspects of the public response to tornado forecasts and tornado events. This new knowledge will improve our ability to forecast and warn of tornadoes and elicit appropriate responses to mitigate damage, injuries, and loss of life.

July 12, 2015

Domestic Nuclear Detection Office: Academic Research Initiative (ARI) Department of Homeland Security DHS-15-DNDO-077-001

The ARI program has two primary objectives: 1) Engage the academic community to advance fundamental knowledge for nuclear and radiological threat detection, nuclear forensics and related sciences with emphasis on fundamental research to solve long-term, high-risk challenges and 2) Develop human capital for the nuclear science and engineering profession. Further the program works to sustain a long-term commitment to basic research in this field and coordinates research efforts across the federal government.

July 12, 2015

Tribal Clean Diesel Funding Assistance Program FY 2015 EPA-OAR-OTAQ-15-05

This notice announces that EPA's Office of Transportation and Air Quality is soliciting proposals nationwide for Tribal projects that achieve significant reductions in diesel emissions in terms of tons of pollution produced by diesel engines and diesel emissions exposure, particularly from fleets operating in areas designated by the Administrator as poor air quality areas.

July 15, 2015

National Maritime Heritage Grant Program

Approximately \$1.7 million in National Maritime Heritage Grants for education or preservation projects are available for 2015. Proposals for grants will be accepted from May 15, 2015 until August 3, 2015. Education projects can request \$15,000-50,000 and preservation projects can request \$50,000-200,000. Funding for Maritime Heritage Grants is competitive. Project grants are administered through the Maritime Heritage Program and State Historic Preservation Offices (SHPOs).

Aug. 3, 2015