

ESPP Funding Opportunities: Sept. 1, 2015

OPPORTUNITIES FOR STUDENTS and RECENT GRADUATES

Southeast Region Geospatial Support GIS Intern P15AS00359

The project objective is to support and stimulate work and/or education and training opportunities for young adults through collaborative participation in performing GIS/GPS duties such as, managing GIS data in both file and SDE geodatabases; adhering to naming and attribute standards, and filling out FGDC-compliant metadata; providing digital or web map products upon request; and assisting the GIS coordinator with geography projects at the Southeast Regional Office.

Sept. 10, 2015

2017 Solar Decathlon College Team Competition DE-FOA-0001398

The Department of Energy (DOE) Office of Energy Efficiency and Renewable Energy (EERE) has issued, on behalf of the Technology-to-Market Team in the Office of Strategic Programs, a Competition Announcement DE-FOA-0001398 entitled "2017 Solar Decathlon College Team Competition." All applications must be submitted through EERE Exchange (<https://eere-exchange.energy.gov/>). The Competition Announcement supports the Obama administration's commitment to improving the nation's science, technology, engineering, and mathematics (STEM) education efforts, and to building a more knowledge-intensive workforce. The DOE and EERE are eager to create and support education and workforce development programs that are specific to applied energy, and are essential to carrying out DOE's mission and advancing energy technologies for the future.

Oct. 29, 2015

Estimating Economic Benefits of Improved Water Quality Using Hedonic Valuation Methods - U.S. EPA EPA-OP/NCEE-2015-02

The goal of this project is to develop improved methods to evaluate the economic benefits associated with water-quality improvements. This research aims to extend the use of observed changes in property prices to value changes in water quality. The research will expand the geographic scope of existing hedonic valuation literature and explore the influence and importance of alternative environmental parameters used in hedonic models. The project will draw on economic and environmental information to be collected for different locations in the United States, including information currently assembled for regions in New York and Florida. The research participant will be involved in activities that may include:

No deadline

Survey Methods and Use of Focus Groups for Valuation of Non-Market Goods and Services EPA-OP/NCEE-2015-03

The goal of this project is to pursue focus group research in several areas of non-market valuation to improve our ability to estimate the economic benefits of environmental regulation. The intern will participate in research that involves the convening of focus groups to better understand how environmental amenities influence a variety of consumer decisions, including home purchases, choosing outdoor recreation destinations, and reducing the risks of adverse health outcomes.

He/She will be involved in activities that may include:

No deadline

OPPORTUNITIES FOR FACULTY

Time Varying Nuclear Decay CRNBAA16-001

Naval Surface Warfare Center, Crane Division is interested in receiving proposals to explore the existence of physical mechanisms of nuclear decay modulation. Though the mechanisms for the observed time dependence in nuclear decay parameters are not well understood, the importance of this work is the ability to account for noise sources associated with microelectronics in radiation environments. The amount of resources made available to this BAA will depend on the quality of the proposals received and the availability of funds. The BAA will contain additional information along with instructions for proposal preparation and submission. Proposals must be received through grants.gov no later than 14:00 Eastern time on October 1, 2015.

Oct. 1, 2015

2016 PTT Grants Funding Opportunity P15AS00360

2016 PTT Grants Program The Preservation Technology and Training (PTT) Grants program provides funding for innovative research that develops new technologies or adapts existing technologies to preserve cultural resources. Grant recipients undertake innovative research and produce technical products which respond to national needs in the field of historic preservation. The resulting grant products help increase the longevity of cultural resources. The Grants program will fund research and training projects. NCPTT helps preservationists find better tools, better materials, and better approaches to conserving buildings, landscapes, sites, and collections. It conducts research and testing in its own laboratories, provides cutting edge training around the U.S., and supports research and training projects at universities and nonprofits. NCPTT pushes the envelope of current preservation practice by exploring advances in science and technology in other fields and applying them to issues in cultural resources management.

Nov. 3, 2015

2016 NCPTT Media Grants

2016 NCPTT Media Grants: The NCPTT Media Grants program provides funding for innovative dissemination of new technologies or existing technologies to preserve cultural resources. Grant recipients will develop publications, web or mobile applications, and video products that offer preservationists a better understanding of tools and resources available to preserve cultural heritage. The resulting grant products help increase the longevity of cultural resources. The NCPTT Media Grants Program is a subset of the Preservation Technology and Training Grants. NCPTT helps preservationists find better tools, better materials, and better approaches to conserving buildings, landscapes, sites, and collections. It conducts research and testing in its own laboratories, provides cutting edge training around the U.S., and supports research and training projects at universities and nonprofits. NCPTT pushes the envelope of current preservation practice by exploring advances in science and technology in other fields and applying them to issues in cultural resources management.

Nov 4, 2015

Bioenergy Technologies Incubator 2 DE-OFA-0001320

The overall strategic goal of the Bioenergy Technologies Office (BETO) is to develop commercially viable bioenergy and bioproducts to enable sustainable, nationwide production of biofuels that are compatible with today's transportation infrastructure, can reduce GHG (greenhouse gas) emissions relative to petroleum-derived fuels, and can displace a share of petroleum-derived fuels to reduce U.S. dependence on foreign oil and encourage the creation of a new domestic bioenergy industry.

Nov. 13, 2015

2016 National Urban and Community Forestry Challenge Cost Share Grant Program USDA-FS-UCF-01-2016

2015 Forest Service National Urban and Community Forestry Challenge Cost Share Grant Deadline:

December 15, 2015 The Secretary of Agriculture has a congressionally designated advisory council that assists the U.S. Forest Service in establishing the grant categories and recommendations of final proposals for the Forest Service to consider. This is the National Urban and Community Forestry Advisory Council (NUCFAC). The Council serves to advise the Secretary of Agriculture on the status of the nation's urban and community forests and related natural resources. The NUCFAC seeks to establish sustainable urban and community forests, by encouraging communities of all sizes to manage and protect their natural resources, which, if well managed, improves the public's health, well-being, economic vitality, and creates resilient ecosystems for present and future generations.

Nov. 23, 2015

GR-RCE-15-003 RESTORE Act Centers of Excellence Research Grants Program Department of the Treasury U.S. Dept. of Treasury RESTORE Act Program

Funds may be used by those Centers of Excellence to conduct research only on the Gulf Coast region in one or more of the following disciplines: 1. Coastal and deltaic sustainability, restoration and protection, including solutions and technology that allow citizens to live in a safe and sustainable manner in a coastal delta in the Gulf Coast Region; 2. Coastal fisheries and wildlife ecosystem research and monitoring in the Gulf Coast Region; 3. Offshore energy development, including research and technology to improve the sustainable and safe development of energy resources in the Gulf of Mexico; 4. Sustainable and resilient growth, economic and commercial development in the Gulf Coast Region; and 5. Comprehensive observation, monitoring, and mapping of the Gulf of Mexico.

Nov. 30, 2015

EarthCube: Enterprise Governance NSF 15-603

EarthCube is a community-driven activity to transform the conduct of geosciences research and education, sponsored through a partnership between the NSF Directorate of Geosciences and Division of Advanced Cyberinfrastructure in the Directorate for Computer and Information Science and Engineering. EarthCube aims to create a well-connected and facile environment to share data and knowledge in an open, transparent, and inclusive manner, thus accelerating the ability of the geosciences community to understand and predict the Earth system. Achieving EarthCube will require a long-term dialog between NSF and the interested scientific communities to develop cyberinfrastructure that is thoughtfully and systematically built to meet the current and future needs of geoscientists. The critical importance of a community-driven and operated governance structure for EarthCube activities has been highlighted in the past several years of EarthCube development. The EarthCube Test Enterprise Governance Project has recommended an EarthCube Governance Framework which describes the organizational units and functions necessary for EarthCube Governance.

Dec. 14, 2015