



WEEKLY GRANTS ADVISORY

MARCH 14TH – 23RD

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We are pleased to provide you with the latest edition of Senator John Cornyn's Weekly Grants Advisory. Senator Cornyn is proud to support efforts to improve Texas communities by providing the following information as a service to constituents seeking to explore federal grant opportunities. Please contact Clark Davis for more information, technical assistance, or to discuss a letter of support for your application.

Note: This e-mail provides current select grant solicitations available through various federal agencies. This is NOT a complete list of all grant announcements. For more information on program eligibility and guidelines, please click on the link provided to be directed to the official announcement. To unsubscribe from this service, please respond to this e-mail and put "UNSUBSCRIBE" in the subject field.

SCIENCE

National Aeronautics and Space Administration (NASA) –ROSES 2016: Laboratory Analysis of Returned Samples

Purpose: This ROSES NRA solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). This NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.
Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282175>

Department of Defense (DoD) – Air Force Research Lab - Manufacturing Innovation Institutes

Purpose: The purpose of this Notice is to announce the U.S. Government's intent to launch a competition for a seventh and eighth Manufacturing Innovation Institute.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=280563>

National Science Foundation (NSF) – Cybermanufacturing Systems

Purpose: to pursue research and educational efforts to accelerate the creation of an interoperating, cross-process manufacturing service layer that enables the rapid, bottom-up transformation of access to manufacturing services. Such a service layer can allow creative entrepreneurs and companies to both furnish and access manufacturing apps that span the full spectrum from ideation to physical realization, giving rise to an era of cyber manufacturing.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282210>

National Science Foundation (NSF) – Cyber-Physical Systems

Purpose: Cyber-physical systems (CPS) are engineered systems that are built from, and depend upon, the seamless integration of computational algorithms and physical components. Advances in CPS will enable capability, adaptability, scalability, resiliency, safety, security, and usability that will far exceed the simple embedded systems of today. CPS technology will transform the way people interact with engineered systems -- just as the Internet has transformed the way people interact with information.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282226>

National Science Foundation (NSF) – US Ignite

Purpose: The primary goal of US Ignite is to break a fundamental deadlock: there is insufficient investment in gigabit applications that can take advantage of advanced network infrastructure because such end-to-end infrastructure is rare and geographically dispersed.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282282>

National Aeronautics and Space Administration (NASA) – ROSES 2016: Maturation of Instruments for Solar System Exploration

Purpose: To solicit basic and applied research in support of NASA's Science Mission Directorate (SMD). This NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282380>

JUSTICE

Department of Justice (DOJ) - Sexual Assault Forensic Evidence - Inventory, Tracking, and Reporting

Purpose: It is not known how many unanalyzed sexual assault kits (SAKs) there are nationwide. Evidence from sexual assaults like weapons, bedding, clothing, and SAKs can be used to corroborate that a crime occurred, identify or eliminate a possible perpetrator, and ascertain whether a suspect may have been involved in other crimes. SAKs contain biological and trace evidence, along with other physical evidence collected from a victim. While all evidence from sexual assaults is important, this program focuses on SAKs. SAKs may be stored in a number of places such as, crime laboratories, police department evidence storage units, hospitals and clinics. Many law enforcement agencies do not have computerized systems to track the processing of a SAK. This program will allow agencies to inventory, track and report all untested and unsubmitted SAKs ensuring accountability and transparency for the collection, processing and testing of SAKs.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282228>

Department of Justice (DOJ) - Comprehensive Services for Victims of All Forms of Human Trafficking

Purpose: The primary goal of this FY16 program is to enhance the quality and quantity of services available to assist victims of all forms of human trafficking, as defined by the Trafficking Victims Protection Act (TVPA) of 2000, as amended, by enhancing interagency collaboration and the coordinated community response to victims of human trafficking, and through the provision of high-quality services that address the individual needs of trafficking victims. This solicitation will provide funding to victim service organizations with a demonstrated history of providing services for victims of human trafficking.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282276>

Department of Justice (DOJ) – FY 16 Family Drug Court Statewide System Reform

Purpose: The Family Drug Court program seeks to build the capacity of states, state courts, local courts, units of local government, and federally recognized tribal governments to either implement new or enhance pre-existing drug courts to provide services for individuals with substance use disorders or substance use and co-occurring mental health disorders who are involved with the family dependency court as a result of child abuse and neglect issues.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282301>

Department of Justice (DOJ) – Comprehensive School Safety Initiative

Purpose: The Comprehensive School Safety Initiative (CSSI) funds rigorous research to produce practical knowledge that can improve the safety of schools and students. The initiative is carried out through partnerships between researchers, educators and other stakeholders, including law enforcement and mental health professionals. Projects funded under the CSSI are designed to produce knowledge that can be applied to schools and school districts across the nation for years to come. This solicitation includes multiple funding categories with different expectations and requirements to accomplish the purposes of the CSSI.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282321>

Department of Justice (DOJ) – FY 2016 Research and Evaluation Program

Purpose: To research and evaluate approaches to combatting domestic violence, sexual assault, dating violence, and stalking. By generating more knowledge about strategies for serving victims and holding offenders accountable, communities that benefit from VAWA funding will be better equipped to align their work with practices that are known to be effective, and they will be more

capable of generating empirical knowledge on the efficacy of new and promising ways of doing things.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282400>

ECONOMIC DEVELOPMENT

Department of Transportation (DOT) - FastLane Grants

Purpose: The Fixing America's Surface Transportation Act (FAST Act) established the Nationally Significant Freight and Highway Projects (NSFHP) program to provide Federal financial assistance to projects of national or regional significance and authorized the program at \$4.5 billion for fiscal years (FY) 2016 through 2020, including \$800 million for FY 2016 to be awarded by the Secretary of Transportation.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282118>

TRANSPORTATION

Department of Transportation (DOT) – Advanced Transportation and Congestion Management Technologies Deployment Initiative

Purpose: To develop model deployment sites for large scale installation and operation of advanced transportation technologies to improve safety, efficiency, system performance, and infrastructure return on investment.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282433>

HEALTH

Health and Human Services (HHS) – Food and Drug Administration (FDA) - Developing a Food Protection Rapid Response Team

Purpose: The goal of these cooperative agreements is to facilitate long-term improvements to the national integrated food safety system by unifying and coordinating federal/state/local food/feed emergency response efforts including: 1) Strengthening the link among epidemiology, lab and environmental health/regulatory components; 2) Improving States' regulatory and surveillance food/feed protection programs to include using Incident Command System (ICS)/National Incident Management System (NIMS) principles and a Unified Command structure to conduct integrated responses to all-hazards food/feed emergencies, rapidly identifying and removing tainted food from commerce, and conducting root cause investigations to inform future prevention efforts; and 3) Addressing supporting components, such as training, data sharing, data analysis, communications, continuous process improvement, and development of best practices and other resources to support national capacity/capability development.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282206>

Department of Defense (DoD) - DoD Ovarian Cancer Investigator-Initiated Research Award

Purpose: The OCRP Investigator-Initiated Research Award is intended to support high-impact research that has the potential to make an important contribution to ovarian cancer or patient/survivor care. Research projects may focus on any phase of research, from basic laboratory research through translational research, excluding clinical trials. The application must demonstrate logical reasoning and a sound scientific rationale established through a critical review and analysis of the literature for the application to be competitive. Applications must

include preliminary data that are relevant to ovarian cancer and support the proposed research project.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282237>

ENVIRONMENT

US Department of Agriculture (USDA) - Regional Conservation Partnership Program

Purpose: NRCS seeks to co-invest with partners in innovative, workable, and cost-effective approaches to benefit farming, ranching, and forest operations, local economies, and the communities and resources in a watershed or other geographic area. RCPP partners develop project applications, as described in this notice, to address specific natural resource objectives in a proposed area or region. Partnering organizations design, promote, implement, and evaluate the project outcomes.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282185>

Department of Commerce (DOC) – Education, Training and Capacity Development for Weather, Water and Climate Forecasting (ETCD)

Purpose: To improve performance of all operational meteorologists and hydrologists worldwide. Improving human performance for enhanced decision support services is done through collaborative training and education. ETCD is accomplished through collaboration between operational hydrologists/meteorologists, scientists and academic staff with expertise across a wide range of environmental, educational and social sciences. These activities engage operational hydrologists/meteorologists, researchers, instructors and students in applied training and simulation exercises which are pivotal to the operational climate, water and weather communities. The goal of improving performance is achieved through a Competency-based education and training program. By meeting the goal of ETCD, forecasts and warnings of environmental hazards will be improved.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282292>

OTHER

National Endowment for the Humanities – Humanities Open Book Program

Purpose: The Humanities Open Book Program is designed to make outstanding out-of-print humanities books available to a wide audience. By taking advantage of low-cost “ebook” technology, the program will allow teachers, students, scholars, and the public to read humanities books that have long been out of print. Humanities Open Book is jointly sponsored by NEH and the Andrew W. Mellon Foundation.

Link: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=282404>