ARTS, HUMANITIES AND INTERNATIONAL

Cultural Exchange Program for Capacity Building in Music Education

Department of State (State), U.S. Mission to Turkmenistan

Notice seeking applications to organize a teaching exchange program, through which Turkmen students and faculty will have a chance to work and learn from American music teachers/professionals in a series of master-classes. PAS proposes two to three consecutive 7-day programs that include two to four American teachers of music coming to Turkmenistan to conduct music classes for the students of both the Turkmen National Conservatory and the Turkmen State Institute of Culture. Applications are due September 14, 2015. Approximately up to $65,000 is available to support one award.

LINKS: Grants.gov

Dialogue and Dispute Resolution for Conflict Prevention in Guinea’s Forest Region

Department of State (State), Bureau of Conflict Stabilization Operations

Notice seeking applications to support facilitated dialogue and community level alternative dispute resolution mechanisms to prevent and mitigate inter-communal violence in Guinea’s Forest Region. Applications are due October 31, 2015. Approximately $500,000 is available.

LINKS: Grants.gov

Laura Bush 21st Century Librarian Program

Institute of Museum and Library Services (IMLS)

Notice seeking applications to support professional development, graduate education and continuing education to help libraries and archives develop the human capital capacity they need to meet the changing learning and information needs of the American public. Applications are due October 1, 2015. Grant amounts for Project: $50,000-$1 million. Planning: up to $50,000. Nat. Forum: up to $100,000. Research: up to $500,000.

LINKS: Solicitation, Grants.gov

National Leadership Grants for Libraries

Institute of Museum and Library Services (IMLS)

Notice seeking applications to support projects that address challenges faced by the library and archive fields and that have the potential to advance practice in those fields. Successful proposals will generate results such as new tools, research findings, models, services, practices, or alliances that can be widely used, adapted, scaled, or replicated to extend the benefits of federal investment. Applications are due October 1, 2015. Grant amounts for Project & Research: $10,000-$2 million. Planning: $10,000-$50,000. Nat. Forum: up to $100,000.

LINKS: Solicitation, Grants.gov

Civil Society: Mutual Accountability Project (CS:MAP)

United States Agency for International Development (USAID)

Notice seeking applications to support the enabling environment of Nepali civil society and media; the capacity of civil society organizations; and the development of broad cross-sectoral initiatives that increase government accountability, responsiveness, and effectiveness. Applications are due October 14, 2015, 9:00 am, Nepal Time. Questions are due September 16, 2015, 9:00 am, Nepal Time. Approximately up to $15 million is available to support one project lasting up to five years.

LINKS: Grants.gov
FY 2016 The Future Leaders Exchange (FLEX) Program: Host Family and School Placement and Monitoring

Department of State (State), Bureau of Educational and Cultural Affairs

Notice seeking proposals to place and monitor a portion of the students participating in the FLEX program during the 2016-17 academic year. The FLEX program will provide scholarships for Eurasian high school students to live in American society for an academic year to attend a U.S. high school. Applications are due November 4, 2015. Approximately $27 million is available to award 10 to 15 cooperative agreements to support projects lasting up to three years (one base year and two non-competitive continuations). Organizations with fewer than four years’ experience in conducting international exchanges are ineligible.

Limited Submission: Organizations may submit only one proposal.

LINKS: Grants.gov

EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

Advisory Committee on Homeless Veterans

Department of Veterans Affairs (VA)

Notice announcing a meeting of the Advisory Committee on Homeless Veterans which includes briefings from Houston-area homeless service providers, officials at VA and other agencies regarding services for homeless veterans. The Committee will also review previously developed frameworks to complete the annual report and will identify a timeframe to complete this upcoming annual report that provides recommendations to the Secretary of Veterans Affairs. The meeting will be held on October 19 and 20, 2015 from 8:00 a.m. to 4:00 p.m. local time, and on October 21, from 8:00 a.m. to 12:00 p.m. at 1200 Binz Street, Houston, TX.

LINKS: Federal Register

Advisory Committee on Homeless Veterans, Notice of Teleconference

Department of Veterans Affairs (VA)

Notice announcing a public teleconference of the Advisory Committee on Homeless Veterans to discuss site-visit agenda to Houston, Texas in October and topics for their upcoming annual report that will make recommendations to the Secretary of Veterans Affairs. The meeting will be held on September 25, 2015 from 1:00 p.m. to 4:00 p.m. EST

LINKS: Federal Register

AmeriCorps State and National Grants FY 2016

Corporation for National and Community Service (CNCS)

Notice seeking applications proposing to engage AmeriCorps members in evidence-based or evidence-informed interventions to strengthen communities. An AmeriCorps member is an individual who engages in community service through an approved national service position.

Notices of intent are required by December 9, 2015. Applications are due January 20, 2016.

LINKS: Solicitation, Grants.gov
Census Advisory Committees

Department of Commerce (Commerce), Bureau of the Census

Notice announcing a meeting of the National Advisory Committee on Racial, Ethnic and Other Populations to address census policies, research and methodology, tests, operations, communications/messaging, and other activities to ascertain needs and best practices to improve censuses, surveys, operations, and programs. The meeting will be held on October 8, 2015 from 8:30 a.m. to 5:00 p.m., and October 9 from 8:30 a.m. to 1:30 p.m. at the U.S. Census Bureau, 4600 Silver Hill Road, Suitland, Maryland.

LINKS: Federal Register

Juvenile Justice Reentry Education Program: Opening Doors to College and Careers through Career and Technical Education CFDA Number 84.051A

Department of Education (Education), Office of Career, Technical, and Adult Education (OCTAE)

Notice seeking applications to improve outcomes for justice-involved youth through the provision of career and technical education (CTE) programs, reentry services, and post-release CTE and employment training opportunities for juveniles in and exiting from juvenile justice confinement. Applications are due October 30, 2015. Approximately $1.9 million is available to support six awards.

LINKS: Solicitation, Grants.gov

Notice of National Advisory Council on Innovation and Entrepreneurship Meeting

Economic Development Administration (EDA), Department of Commerce (Commerce)

Notice announcing a meeting of the National Advisory Council on Innovation and Entrepreneurship. The purpose of the meeting is to discuss the Council's planned work initiatives in three focus areas: Workforce/talent, entrepreneurship, and innovation. The final agenda will be posted on the NACIE Web site at http://www.eda.gov/oie/nacie/ prior to the meeting. The meeting will be held on Thursday, September 17, 2015, 2:00-3:30 p.m. ET and Friday, September 18, 2015, 8:45 a.m.-12:00 p.m. at the Department of Commerce, Commerce Research Library, 1401 Constitution Ave. NW., Washington, DC 20230. September 17-18, 2015, Teleconference: Dial-In: 1-888/469-3146, Passcode: 1371820.

LINKS: Federal Register

RESTORE Act Centers of Excellence Research Grants Program

Department of the Treasury (Treasury), Office of Gulf Coast Restoration

Notice seeking applications to establish Centers of Excellence for science, technology, and monitoring in one or more of the following disciplines: 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; Coastal fisheries and wildlife ecosystem research and monitoring in the Gulf Coast Region; Offshore energy development, including research and technology to improve the sustainable and safe development of energy resources in the Gulf of Mexico; Sustainable and resilient growth, economic and commercial development in the Gulf Coast Region; and Comprehensive observation, monitoring, and mapping of the Gulf of Mexico.

Applications are due November 30, 2015. The total funding available for eligible activities under the Centers of Excellence Research Grants Program is dependent upon amounts in the Trust Fund. Colleges and universities are eligible to partner.

LINKS: Solicitation, Grants.gov
2016 NCPTT Media Grants

Department of the Interior (Interior), National Park Service

Notice seeking applications to support 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. Applications are due November 3, 2015.

LINKS: Grants.gov

2016 Preservation Technology and Training (PTT) Grants Funding Opportunity

Department of the Interior (Interior), National Park Service

Notice seeking applications for innovative research that develops new technologies or adapts existing technologies to preserve cultural resources. Applications are due November 3, 2015. Approximately up to ten awards are available.

LINKS: Grants.gov

DoD Orthopedic Care and Rehabilitation Consortium Award

Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications to support research of exceptional scientific merit focused on optimizing initial treatment, recovery, and restoration of function for military personnel with orthopedic injuries sustained in combat or combat-related duties. Pre-Applications are required by November 5, 2015. Applications are due December 8, 2015. Approximately $18 million is available to support one award.

LINKS: Grants.gov

Expedited Public Transportation Improvement Initiative

Department of Transportation (Transportation)

Notice announcing the establishment of a multi-faceted Expedited Public Transportation Improvement Initiative (XPEDITE) and requesting participation in a forthcoming online dialogue on the initiative with the goal of uncovering ways to successfully implement proven technology that will improve public transportation. FTA will open XPEDITE Online Dialogue on its Web site, http://www.fta.dot.gov/, by September 8, 2015.

LINKS: Federal Register

National Advisory Council; Meeting


Notice announcing open meeting of the Federal Emergency Management Agency (FEMA) National Advisory Council to receive briefings from FEMA Executive Staff. The meeting will be on September 16, 2015, from 9:30 am to 2:30 pm, on September 17, 2015 from 8:30 am to 5:30 pm, and on September 18 from 8:30 am to 1:00 pm ET at the Kellogg Conference Center at Gallaudet University located at 800 Florida Avenue NE., in Washington, DC.

LINKS: Federal Register
HEALTH and MENTAL HEALTH

BRAIN Initiative: Short Courses in Computational Neuroscience (R25)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), Multiple Institutes

Notice seeking applications to support short courses for graduate students, medical students, postdoctoral scholars, medical residents, and/or early-career faculty to facilitate the development of sophisticated investigators with knowledge and skills in computational neuroscience perspectives and techniques for analyzing/interpreting complex, high-dimensional neuroscience data. Funds support courses that encompasses theoretical neuroscience, computational and mathematical modeling of neural systems, and/or statistical perspectives and techniques that include both didactics and in-person/hands-on experiences. Awardees are encouraged to disseminate course materials online for widespread use, and create an online forum to encourage future collaborations among faculty and participants.

Letters of intent are optional and due October 6, 2015. Applications are due by November 6, 2015. Approximately $1 million is available to support five awards.

LINKS: Solicitation, Grants.gov

High Impact Neuroscience Research Resource Grants (R24)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking applications that supports high impact efforts to make resources available to neuroscience researchers. Projects should engage in one or more of the following activities: propagation of cutting edge reagents or techniques, dissemination of resources to new user groups, or innovative approaches to increase the scale/efficiency of resource production and delivery. Letters of intent are requested and due November 9, 2015. Applications are due December 9, 2015. Approximately up to $1.2 million is available to support five awards.

LINKS: Solicitation, Grants.gov

National Committee on Vital and Health Statistics: Meeting

Department of Health and Human Services (HHS)

Notice announcing a meeting of the National Committee on Vital and Health Statistics to: outline remaining objectives and deliverables for 2015 and engage in strategic planning for the next phase of Committee work; review and coordinate efforts of Subcommittees and implementation of the ACA-designated Review Committee; a presentation on the IOM Report “Vital Signs: Core Metrics for Health and Health Care Progress”; Strategic Discussion and more. The meeting will held on September 16, 2015 from 9:00 a.m. to 5:30 p.m. EST and September 17, 2015 from 8:30 a.m. to 12:00 p.m. EST. at the National Center for Health Statistics, 3311 Toledo Road, Auditorium A and B, Hyattsville, Maryland

LINKS: Federal Register

Notice of Diabetes Mellitus Interagency Coordinating Committee Meeting

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Diabetes Mellitus Interagency Coordinating Committee to discuss new opportunities for clinical research on type-2 diabetes. The meeting will be held on September 28, 2015 from 1:00 p.m. to 4:30 p.m. in the Democracy 2 Building at 6707 Democracy Blvd., Bethesda, MD

LINKS: Federal Register
Advanced Clinical Trials to test Artificial Pancreas Device Systems in Type 1 Diabetes (UC4)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications for the conduct of advanced clinical trials designed to test the outpatient clinical safety and efficacy of artificial pancreas device systems in type 1 diabetes with the objective of improving glycemic control, reducing acute complications, and improving quality of life. Letters of intent are requested by February 9, 2016.

Applications are due by March 9, 2016. Approximately $20 million is available to support one to three awards.

LINKS: Solicitation, Grants.gov

Coordinating Center for Cancer Systems Biology Consortium (U24)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications for a coordinating center to enhance and integrate the research conducted by individual Cancer Systems Biology Consortium awardees and the Physical Sciences in Oncology Network. Letters of intent are requested by October 20, 2015, and August 9, 2016.

Applications are due by November 20, 2015, and September 9, 2016. Approximately $1.05 million is available to support one award.

LINKS: Solicitation, Grants.gov

DoD PH/TBI Comprehensive Universal Prevention/Health Promotion Interventions Award

Department of Defense (Defense), Office of Congressionally Directed Medical Research Programs (CDMRP)

Notice seeking applications for research focused on the development, adaptation, efficiency or optimization, and testing of comprehensive universal prevention/health promotion interventions and systems-level approaches for use within the military context.

Required pre-applications are due October 12, 2015; invited full proposals are due January 14, 2016. Approximately $7.5 million is available to support two to four awards.

LINKS: Grants.gov

NCI Exploratory/Developmental Research Grant Program (NCI Omnibus R21)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to support the development of new research activities in all areas of cancer research. The R21 mechanism is intended to encourage exploratory and developmental research projects by providing support for the early and conceptual stages of these projects.

Applications are due November 10, 2015.

LINKS: Solicitation, Grants.gov
NHLBI Career Transition Award for Intramural Fellows (K22)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

Notice seeking applications to support post-doctoral researchers through two years of mentored research training in an NHLBI intramural laboratory followed by three years of support for an independent research project in an extramural institution. It is anticipated that awardees will subsequently apply for and obtain funding for research project grants such as the R01 to support the continuation of their work.

Applications are due and November 12, 2015, and March 12, 2016. The expiration date is May 8, 2016. Standard AIDS dates apply. Support provided for the two-year intramural phase is commensurate with postdoctoral experience and the NHLBI intramural salary structure of the candidate’s laboratory or branch. Support for the three year extramural phase may not exceed $249,000 per year. For the intramural phase (Phase 1), only NHLBI intramural laboratories are eligible to apply on behalf of the intramural candidate. Colleges and universities are eligible to apply for the extramural phase (Phase 2). To receive support for Phase 2, the applicant extramural institution must demonstrate that the Phase 1 awardee has a formal tenure-track (or equivalent) offer at the institution.

LINKS: Solicitation, Grants.gov

R40 MCH Research (MCHR)

Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Maternal and Child Health Bureau; Office of Epidemiology and Research

Notice seeking applications to support translational and applied research on critical issues affecting maternal and child health, including services for children with special health care needs. Applications are due November 6, 2015. Approximately $1.5 million is available to support up to five awards.

LINKS: Grants.gov

R40 MCH Secondary Data Analysis Studies (SDAS)

Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Maternal and Child Health Bureau; Office of Epidemiology and Research

Notice seeking applications to support applied research relating to maternal and child health services that exclusively utilizes secondary analysis of existing national databases and/or administrative records. Applications are due November 6, 2015. Approximately $1 million is available to support up to 10 awards.

LINKS: Grants.gov

Research Centers for Cancer Systems Biology Consortium (U54)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications for research centers that will use systems biology approaches to build predictive models of cancer initiation, progression, and metastasis.

Letters of intent are requested by October 20, 2015; August 9, 2016; and March 20, 2017. Applications are due by November 20, 2015; September 9, 2016; and April 20, 2017. Approximately $12.6 million is available annually to support eight to 10 projects over three competitions. The maximum request is $1.5 million.

LINKS: Solicitation, Grants.gov
Service Area Competition

Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to ensure continued access to comprehensive, culturally competent, quality primary health care services for communities and vulnerable populations served by the Health Center Program.

Applications are due November 2, 2015. Approximately $255.7 million is available to support up to 64 awards.

LINKS: Grants.gov

Sickle Cell Disease in Sub-Saharan Africa: Collaborative Consortium (U24)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

Notice seeking applications to develop a Sickle Cell Disease in Sub-Saharan Africa Collaborative Consortium. The Collaborative Consortium will be responsible for engaging in capacity building activities and for developing a comprehensive plan to establish an infrastructure upon which a future SCD in SSA Research Network that will advance SCD-related epidemiologic, translational, and clinical research can be built. Letters of intent are optional and due January 26, 2016. Applications are due February 26, 2016.

Limited Submission: Only one application per institution is allowed.

LINKS: Solicitation, Grants.gov

Sickle Cell Disease in Sub-Saharan Africa: Data Coordinating Center (U24)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

Notice seeking application to develop a Sickle Cell Disease in Sub-Saharan Africa Data Coordinating Center that will support the activities of the SCD in SSA Collaborative Consortium (RFA-HL-17-006). Letters of intent are optional and due January 26, 2016. Applications are due February 26, 2016.

Limited Submission: Only one application per institution is allowed

LINKS: Solicitation, Grants.gov

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Army Research Laboratory Research Associateship Program

Army (Army), Department of Defense (Defense)

Notice seeking proposals to support scientists, engineers and postsecondary students for a fellowship to perform fundamental research on ARL identified Science and Technology Campaigns. Fields of interest include: Computational Sciences; Materials Research; Sciences-for-Maneuver; Information Sciences; Sciences for Lethality-and-Protection; Human Sciences; and Assessment and Analysis.

Proposals are due by October 1, 2015. Funding levels vary by educational achievement of fellow.

LINKS: Grants.gov
Bioenergy Technologies Incubator 2

Department of Energy (Energy)

Notice seeking concept papers to support development of commercially viable bioenergy and bioproducts, through research into novel, non-incremental technologies related to Algae Feedstocks and Terrestrial Feedstocks Supply Logistics and Conversion. Funds support projects aimed at validating, at pilot scale, at least one technology pathway for hydrocarbon biofuel that can meet certain economic and environmental milestones.

Concept papers are required, and due by September 21, 2015. Full applications are by invitation only, and are due November 13, 2015. Approximately $10 million is available to support 5 to 10 awards.

LINKS: Solicitation, Grants.gov

Distributed Battle Management (DBM) Phase 2

DARPA (DARPA), Department of Defense (Defense)

Notice seeking proposals to support the development of software decision aids such as decision support tools and advanced automation to assist management of air-to-air and air-to-ground combat. Funds support implementation of an integrated system, as well as testing. Applicants should have significant experience integrating software onto aircraft and conducting live experiments and demonstrations, and has access to target aircrafts. Proposals are due by October 14, 2015. Approximately $31 million is available to support multiple awards.

LINKS: FBO

Earth Cube: Enterprise Governance

National Science Foundation (NSF), Directorate for Computer & Information Science & Engineering (CISE)

Notice seeking proposals to support a science support office for Earth Cube, a community-driven activity to transform the of geosciences research and education by creating a well-connected and facile environment to share data and knowledge in an open, transparent, and inclusive manner. Funds support efforts to: coordinate, organize and set priorities for a complex and varied set of cyberinfrastructure building and coordinating activities; coordinate and manage community dialogue; engage geosciences and related communities in gathering requirements, defining common challenges and organizing standards development; and perform other responsibilities as defined by the scientific community.

Proposals are due by December 14, 2015. Approximately $1.5 to $2.4 million is available to support one award.

LINKS: Solicitation, Grants.gov

Administrative Requirements for Grants and Cooperative Agreements

Department of Energy (Energy)

Notice announcing amendments of the administrative requirements for grants and cooperative agreements with for-profit organizations. Topics addressed by the amendments include title provisions, requirements related to equipment purchased with federal funds, export control requirements, reporting on the use of subject inventions. Email or call the contact with any questions.

LINKS: Federal Register
Advisory Committee for Biological Sciences; Notice of Meeting

National Science Foundation (NSF), Directorate of Biological Sciences (BIO)

Notice announcing a meeting scheduled to discuss BIO programs that contribute to biological research at the nexus of food, energy and water (INFEWS), National Ecological Observatory Network science, the Division of Environmental Biology Committee of Visitors Report, diversity in biology graduate education, and other topics.

The meeting will be held September 28, 2015, from 8:30 am to 5:00 pm, ET, and September 29, 2015, 8:30 am to 4:00 pm, ET, at National Science Foundation 4201 Wilson Boulevard, Room 1235, Arlington, VA. Contact Maria Sutton at msutton@nsf.gov in advance to obtain a visitor badge.

LINKS: Federal Register

Advisory Committee for Geosciences; Notice of Meeting

National Science Foundation (NSF), Directorate for Geosciences (GEO)

Notice announcing a meeting scheduled to discuss geoscience research and education; Committee of Visitors reports; and updates on NSF IUSE (Improving Undergraduate STEM Education) and NSF INCLUDES (Inclusion across the Nation of Communities of Learners that have been Underrepresented for Diversity in Engineering and Science).

The meeting will be held October 21, 2015, 8:30 am to 5:00 pm, ET, and October 22, 2015, from 8:30 am to 2:00 pm, ET, at National Science Foundation, 4201 Wilson Blvd., Stafford II, Room 555, Arlington, VA.

LINKS: Federal Register
CONTACT:

Melissa Lane, 703-292-8500.

FY 2016 National Environmental Information Exchange Network Grant Program

Environmental Protection Agency (EPA)

Notice seeking applications to fund projects that develop the National Environmental Information Exchange Network and enable timely, on-demand access to environmental data through innovative technologies, improved support systems, and expanded collaboration using shared tools and services. See the solicitation for a full list of priorities.

Applications are due November 13, 2015. Approximately $9 million is available to support 40 to 50 awards. Eligibility is limited to states, territories, and tribal governments but public universities may apply if they demonstrate they are agencies or instrumentalities of a state under applicable state laws. Colleges and universities may also collaborate with state, territorial, or tribal applicants.

LINKS: Solicitation, Grants.gov

FY15 Railroad Safety Grants for the Safe Transportation of Energy Products by Rail Program

Department of Transportation (Transportation), Federal Railroad Administration (FRA)

Notice seeking applications for railroad grade crossing enhancement and track improvement projects that improve safety on rail routes that transport flammable energy products, defined here as crude oil, ethanol, and natural gas.

Applications are due by November 4, 2015. Approximately $10 million is available to support multiple awards. The solicitation recommends that state departments of transportation submit the application; subcontracting opportunities may be available for colleges and universities.

LINKS: Solicitation, Grants.gov
High Energy Physics Advisory Panel Meeting

Department of Energy (Energy)

Notice announcing a meeting to discuss the DOE High Energy Physics Program, Elementary Particle Physics Program, and additional topics and reports related to high energy physics. The event will be webcast at http://science.energy.gov/hep/hepap/meetings/

The meeting will be held October 1, 2015 8:30 am to 6:00 pm, ET, and October 2, 2015 8:30 am to 4:00 pm, ET, at the DoubleTree by Hilton Hotel, 8120 Wisconsin Ave., Bethesda, MD.

LINKS: Federal Register

NIJ FY 16 Research and Development in Forensic Science for Criminal Justice Purposes

Department of Justice (Justice), Office of Justice Programs (OJP); National Institute of Justice (NIJ)

Notice seeking proposals for basic or applied research and development in forensic science to provide objective, independent, evidence-based knowledge and tools to meet the challenges of criminal justice, particularly at the state and local levels. Applications are due February 1, 2016. Average awards from past years have been $206,808 per year for two years.

LINKS: Solicitation, Grants.gov

Nuclear Power Cell

Department of Defense (Defense), Navy (Navy), Naval Surface Warfare Center Crane Division

Notice seeking proposals to support research of a long-term, stable, and reliable nuclear power cell and nuclear energy system (power cells stacked together). This proposed research is to further advance research to deliver a steady, scalable, geo-independent, long-lasting energy supply for a wide range of distributed power applications and capable of delivering approximately 15-Watts of constant power.

Proposals are due October 1, 2015. Approximately $80,000 is available to support up to two awards.

LINKS: Grants.gov

Radio Frequency Communications Systems Research, Development, Test and Evaluation (CSRDTE)

Air Force (Air Force), Department of Defense (Defense), Air Force Research Laboratory - Information Directorate (AFRL/RI)

Notice seeking white papers, under a Broad Agency Announcement (BAA), proposing research, design, development, concept testing, evaluation and experimentation in the area of Radio Frequency Communications Systems for Command, Control, Communications, and Computers & Intelligence (C4I).

White papers are due: FY 16, October 9, 2015; FY 17, August 31 2016; FY 18, August 31, 2017; FY 19, August 31, 2018. They will be accepted until September 27, 2019. The BAA will close September 27, 2019. Approximately $9.9 is available. Awards will typically range from $100,000 to $1 million per year to support projects lasting up to 24 months.

LINKS: FBO notice
Research and Development Source Sought, FY16 Living Marine Resources (LMR) Program Environmental Need Topics

Department of Defense (Defense), Navy (Navy), Naval Facilities Engineering Command, Naval Facilities Engineering and Expeditionary Warfare Center

Notice seeking pre-proposals in one of two topic areas: 1) behavioral response research to study the effects of sound on marine animals; and 2) marine species hearing research related to the acoustic effects. Topic 2 includes three research sub-priorities: 1) audiograms of hearing capability in marine species that have limited data available; 2) hearing research to study temporary threshold shift at multiple frequencies for marine species; and 3) effects to fish from the detonation of explosive devices of various charge sizes, depths, and distances to the subjects. Pre-proposals are due October 23, 2015. Selected applicants will be invited to submit full proposals, due 30 days after notification.

LINKS: FBO notice

Solar Decathlon Program Administrator

Department of Energy (Energy), Golden Field Office

Notice seeking applications to promote the educational, economic, and energy security benefits of energy efficiency and renewable energy by demonstrating that the technology can be deployed effectively in the host community and elsewhere.

Letters of intent are due September 17, 2015. Applications are due October 29, 2015. Approximately $4 million is available.

LINKS: Solicitation, Grants.gov

Time Varying Nuclear Decay

Department of Defense (Defense), Navy (Navy), Naval Surface Warfare Center, Crane Division

Notice seeking 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.

Proposals are due October 1, 2015. Approximately $80,000 is available to support one award.

LINKS: Grants.gov

Ultra Short Laser Sources and Concepts

Department of Defense (Defense), Navy (Navy), Naval Surface Warfare Center, Crane Division

Notice seeking proposals for the development of novel ultra short pulsed laser component technologies. In particular, NSWC-Crane is interested in basic research concepts for non-traditional amplifier concepts, temporal control, and novel methods for diagnosing USPL pulse properties. Concepts which represent revolutionary departures from standard Chirped Pulse Amplification (CPA) techniques or classic pulse stretching/compressing methods are of particular interest.

Proposals are due October 1, 2015. Approximately $80,000 is available to support up to two awards.

LINKS: Grants.gov