SPOTLIGHTED OPPORTUNITIES FOR UNO

The Louisiana Sea Grant College Program (LSG) is pleased to announce a request for applications (RFA) to a new student assistantship opportunity made possible through the generous support of Shell called the Ocean Science Assistantship Program (OSAP). This program provides student support for up to two years to Undergraduate and Master’s-level students both enrolled full-time at Louisiana colleges/universities and involved in research relevant to environmental, social, and economic issues associated with oil and gas activities in deep-water environments (shelf ecosystems). See: www.laseagrant.org/2014/shell-funding/ for further information on this opportunity.

LSG will administer these assistantships with funding provided by Shell. The assistantships are available to all faculty pursuing appropriate deep-water environment-related research at Louisiana colleges/universities to fund new, outstanding Undergraduate and Master’s-level students. One graduate and up to three or four undergraduate students will be funded to start the academic year for fall of 2015 based on evaluations of applications submitted by faculty members. The amount awarded for each assistantship will depend on whether a student is at the undergraduate or graduate level, and the number of students who receive awards. OSAP funds may also be used to cover costs for graduate assistant benefits and graduate assistant tuition as necessary under the policies and procedures of the various institutions. The total award will not exceed $20,000 per year for graduate and $2,500 per year for undergraduate students for up to two years. OSAP funds may not be expended on travel, supplies, equipment, or other such budget items.

Applications will be reviewed and scored by LSG and LDWF in the following five categories: Scientific Merit, Relevancy to LDWF and related deep-water environment research needs, Originality, Body of Knowledge, and Credibility. Applications from faculty must be delivered to Katie Lea at klea@lsu.edu by July 17, 2015; a decision on award of the assistantships will be made by LSG by August 1, 2015. Complete information on OSAP plus application requirements and procedures including guidelines and requirements are available at www.laseagrant.org/research/student-research/osap/.

ARTS, HUMANITIES AND INTERNATIONAL

International Programs to Combat Child Trafficking in Ghana - NGOs

Department of State (State) , Office to Monitor/Combat Trafficking in Persons

Notice seeking applications to support efforts to work in Ghana to develop and implement new policies and programs that build effective and sustainable systems to hold perpetrators of child trafficking criminally accountable, identify child victims of trafficking in persons, coordinate the provision of comprehensive protective services, and significantly reduce the trafficking of children. Funds support specified objectives in protection, prosecution, and prevention.

Applications are due by July 20, 2015. Funding levels and expected amounts of awards vary by each objective.

LINKS: Solicitation, Grants.gov

Social Entrepreneurship Capacity Building

Department of State (State)

Notice seeking applications to support efforts to improve the capacity of NGOs, IHEs, and private firms in South and Central Asia to undertake worthwhile activities that promote human rights, community resilience and economic growth. Funds support efforts to make organizations more financially sustainable with a more secure base for future growth through tailored evaluation of current organizational capacities, targeted and achievable recommendations for improvements and follow-up monitoring and guidance.

Applications are due by July 21, 2015. Approximately $200,000 is available to support one award.

LINKS: Grants.gov
Department of State (State), Bureau of South and Central Asian Affairs

Notice seeking applications to support efforts to develop close ties between journalists and media outlets in the United States and the countries of South and Central Asia, and build the ability of journalists from South and Central Asia to use social media and other technologies in their reporting. Training must occur through a series of intensive three-week mentorship placements in the San Francisco Bay/Silicon Valley area.

Applications are due by July 22, 2015. Approximately $250,000-$275,000 is available to support one award.

LINKS: Grants.gov

Empowering Women in IT

Department of State (State), Bureau of South and Central Asian Affairs

Notice seeking applications to support young women in specified countries of South and Central Asia gain employment IT or technology firms, and/or establish their own IT or technology firms. Funds support efforts to help program participants gain soft or business skills, such as interviewing, networking, leadership, and/or business planning. This program is not intended to provide training in technical IT skills such as programming, coding, or network administration.

Applications are due by July 20, 2015. Approximately $150,000-$175,000 is available to support one award.

LINKS: Grants.gov

USAID/Uganda Sanitation Program

United States Agency for International Development (USAID), Uganda USAID-Kampala

Notice seeking applications to support sustainable improvement in quality, access and supply of water and sanitation services, and improve hygiene behaviors in Uganda. Funds support integrated water and sanitation interventions at the community and household levels leading to the following goals: Increased household access to sanitation and water services; Key hygiene behaviors at home, school, and health facilities expanded; Strengthened district water and sanitation governance.

Applications are due by August 10, 2015. Approximately $31.46 million is available to support one award. Cost sharing of 5 percent is required.

LINKS: Grants.gov

Africa - Women, Peace, and Security (AF-WPS) Initiative

Department of State (State)

Notice seeking applications to support efforts to increase women’s full and active participation in peacemaking, peacebuilding, and reconstruction processes at the local, national, and/or regional levels in specified African countries. Focus areas include Protection, Conflict Mitigation, and Reconciliation; and Financial Sector Capacity Building and Economic Opportunity.

Applications are due by July 24, 2015. Approximately $300,000-$600,000 is available to support three to six awards.

LINKS: Solicitation, Grants.gov
American Cultural Centers and Cultural Programming in the People's Republic of China

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

Notice seeking applications to support efforts to build upon and expand the existing network of American Cultural Centers in China to create a community and interactions that allow Chinese audiences to better understand the United States, its culture, society, government, language, law, economic system, and values. Expertise and established relationships with local institutions/organizations and local officials are required.

Applications are due by July 31, 2015. Approximately $300,000 is available to support three awards.

LINKS: Grants.gov

Media Educational Program

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

Notice seeking applications to support the professional development of Georgian journalists from multi-platform operated newspapers and news-agencies through robust professional study tour at U.S. training centers/studios, with site visits to relevant U.S. media outlets. Applicants must have a demonstrated expertise in developing and implementing training programs related to journalism.

Applications are due by July 30, 2015. Approximately $250,000 is available to support one award.

LINKS: Grants.gov

NEA Arts Education Partnership (AEP) Program Solicitation, FY2015

National Education Association (NEA)

Notice seeking proposals to build on the significant achievements of the Arts Education Partnership (AEP) and its national coalition. In undertaking this work, the NEA encourages proposals in which the Cooperator partners with another national organization that can help enhance and fulfill the mission of the AEP.

Proposals are due August 4, 2015. Approximately $525,000 is available.

LINKS: Solicitation, Grants.gov

Anti-Corruption Programming in Laos

Department of State (State), International Narcotics and Law Enforcement Affair

Notice seeking applications to Increase the capacity of the Government Inspection and Anti-Corruption Committee (GIAA) to prevent, identify and address corruption and associated crimes; and Increase the capacity of Lao Customs to prevent, identify, and address corruption and associated crimes.

Questions are due August 14, 2015. Applications are due August 23, 2015. Approximately $150,000 is available to support one award.

LINKS: Solicitation, Grants.gov
Logistical Support for Rule of Law, Citizen Security, and Law Enforcement Projects in Panama, Guatemala, and Belize

Department of State (State), International Narcotics and Law Enforcement Affair

Notice seeking applications to provide travel and logistics services on behalf of capacity building projects currently underway in each country. Regional proposals will not be considered, but proposals that support all project areas within one of the target countries – Guatemala, Panama, and Belize – are encouraged.

Questions are due August 15, 2015. Applications are due August 22, 2015. Approximately $6.7 million is available to support up to 10 awards.

LINKS: Grants.gov

International Justice-sector Education and Training Program

Department of State (State), International Narcotics and Law Enforcement Affair

Notice seeking applications to implement a program entitled International Justice-sector Education and Training Program and provide an opportunity for judges, prosecutors, criminal defense attorneys; and other justice sector officials from host-country nations to produce sustainable, long-term change within their institutions.

Applications are due August 22, 2015. Approximately $700,000 is available to support one award.

LINKS: Solicitation, Grants.gov

Professional Exchanges for Russia

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

Notice seeking proposals to conduct professional exchanges in the U.S. for current or future Russian leaders. The Professional Exchanges for Russia (PER) program builds on the foundation of the traditional International Visitor Leadership Program (IVLP) model and seeks to increase mutual understanding between the U.S. and Russia through carefully designed professional programs.

Proposals are due August 10, 2015. Approximately $200,000 is available to support one award.

LINKS: Grants.gov

Intensive Summer Training of Trainers for English Language Teachers

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

Notice seeking proposals to provide specialized training for experienced and skilled Georgian teachers of English to enhance their theoretical and practical knowledge, effecting deep understanding of the issues related to the teaching of English as a foreign language. The goal of the program is to enable these teacher trainers to lead their peers in professional development, providing training to Georgian teachers nationwide.

Proposals are due August 15, 2015. Approximately up to $495,000 is available.

LINKS: Grants.gov
Engaging Civil Society in Rehabilitation and Reintegration

Department of State (State), Bureau of Counterterrorism

Notice seeking applications that outline a project concept for three or more geographic regions to reduce recidivism of released violent extremist offenders. Project objectives: build the capacity of civil society to reintegrate violent extremist offenders and returning foreign terrorist fighters into communities; facilitate relationships of trust among civil society and governmental authorities; and share good practices in this thematic area.

Applications are due August 24, 2015. Approximately $1.3 million is available to support one award.

LINKS: Solicitation, Grants.gov

Public Quarterly Meeting of the Board of Directors

Office of Management and Budget (OMB), U.S. Agency for African Development Foundation

Notice announcing a public quarterly meeting of the African Development Foundation's Board of Directors. The meeting will be held July 15, 2015, 9:00 a.m. to 11:30 a.m. at the 1400 I Street Northwest, Suite #1000 (Main Conference Room), Washington, DC.

LINKS: Federal Register

Cuban Nonprofit Management Scholarship Program

Department of State (State), Bureau of Western Hemisphere Affairs

Notice seeking applications to support the professional growth of emerging nonprofit leaders and thereby contribute to the development and diversification of human capital in Cuba, this project will fund a scholarship program for graduate-level certificates and degrees focused on nonprofit management.

Questions are due July 14, 2015. Applications are due July 23, 2015. Approximately $1.58 million is available to support one award.

LINKS: Grants.gov

EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

National Center for Information and Technical Support for Postsecondary Students with Disabilities

Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications to support a National Center for Information and Technical Support for Postsecondary Students with Disabilities to provide technical assistance and information on best and promising practices for students with disabilities as they transition to or attend postsecondary education. Funds support efforts to provide assistance to students and faculty, assistance to IHEs, information collection and dissemination, disability support, and reviews and reports.

Applications are due by August 3, 2015. Approximately $2.48 million is available to support one award.

LINKS: Federal Register, Grants.gov
Trafficking Victim Assistance Program

Department of Health and Human Services (HHS), Administration for Children and Families (ACF)

Notice seeking applications to support time-limited comprehensive case management services on a per capita basis to foreign victims of a severe form of trafficking in persons and potential victims of trafficking. Funds support case management and referral to qualified persons.

Applications are due by August 19, 2015. Approximately $6 million is available to support three awards.

LINKS: Solicitation, Grants.gov

Advisory Committee on Increasing Competitive Integrated Employment for Individuals With Disabilities

Department of Labor (Labor), Disability Employment Policy Office

The purpose of the Committee is to study and prepare findings, conclusions and recommendations for Congress and the Secretary of Labor on (1) ways to increase employment opportunities for individuals with intellectual or developmental disabilities or other individuals with significant disabilities in competitive, integrated employment; (2) the use of the certificate program carried out under section 14(c) of the Fair Labor Standards Act (FLSA) of 1938 (29 U.S.C. 214(c)); and (3) ways to improve oversight of the use of such certificates.

The meeting will be held on Monday, July 13 from 8:30 a.m. to 5:00 p.m., EDT; and Tuesday, July 14th, 8:00 a.m. to 4:00 p.m., EDT at the U.S. Access Board, 1331 F Street NW., Suite 800, Washington, DC.

LINKS: Federal Register

BLM-WO Creek Freaks: Connecting Children to the Green Zone

Department of the Interior (Interior), Bureau of Land Management

Notice seeking applications to establish and enhance youth connections to the outdoors by educating them about stream ecology and riparian areas and encouraging them to become stewards of creeks in their communities.

Applications are due August 6, 2015. Approximately $150,000 is available to support one award.

LINKS: Grants.gov

Men’s National Cricket League in Afghanistan

Department of State (State)

Notice seeking proposals to organize, produce and TV broadcast the Sixers tournament; train approximately two dozen Afghans in the production of professional sports broadcasts (specifically cricket); develop positive messaging via multiple formats including Public Service Announcements (PSAs), social media, and stadium A-boards; and develop a monitoring and evaluation (M&E) component to assess program progress and impact.

Proposals are due August 6, 2015. Approximately $500,000 is available to support one award.

LINKS: Grants.gov
Fiscal Year (FY) 2015 Homeland Security National Training Program (HSNTP) - Continuing Training Grants (CTG)

Department of Homeland Security (Homeland Security), FEMA

Notice seeking proposals to support efforts to build and sustain core capabilities across Prevention, Protection, Mitigation, Response, and Recovery mission areas, with specific focus on addressing the training needs of the Nation.

Proposals are due August 10, 2015. Approximately $11.5 million is available to support six awards.

LINKS: Grants.gov

Environmental Governance Capacity Building Program

Environmental Protection Agency (EPA)

Notice seeking proposals for a collaborative program that would enhance environmental governance capacity of institutions-environmental and/or related functions-in support of United States Government Free Trade Agreements (FTAs) in several regions-Central America and Caribbean, South Americas, and the Middle East and North Africa-and/or other bilateral initiatives, including but not limited to, EPA’s collaboration with China, Indonesia, Taiwan, Sub-Sahara Africa, and Brazil. The overall objective of this cooperative agreement is to assist institutions in strengthening their legal, technical, research, analytical, program implementation capacity, and policies and procedures for more effective governance through the exchange of expert knowledge, information, strategies, and tools.

Proposals are due August 14, 2015. Approximately $5 million is available to support four to eight awards.

LINKS: Solicitation, Grants.gov

FY 2015 U.S. Speakers Program

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

Notice seeking proposals for a cooperative agreement to provide technical and logistical support for U.S. speaker programs in Russia in a range of fields and professions.

Applications are due by August 7, 2015. Approximately $345,000 is available to support one award.

LINKS: Solicitation, Grants.gov

USAID/Indonesia Development Innovation Accelerator for Indonesia’s Development Challenges

United States Agency for International Development (USAID), Indonesia-Jakarta

Notice seeking concept papers for research, innovation, and collaboration in support of USAID/Indonesia’s Inclusive Workforce Development project, which aims to promote more inclusive economic growth and address rising income inequality by improving workforce development for the poor and vulnerable there.

Questions are due by September 1, 2015. Concept papers are due by September 30, 2015. Colleges and universities are eligible to apply.

LINKS: Grants.gov
Strengthening Civil Society Globally (SCS Global) Program

United States Agency for International Development (USAID), Bureau for Democracy, Conflict, and Humanitarian Assistance

Notice seeking applications for a program to provide support to civil society organizations, independent media, and independent labor organizations (in presence and non-presence countries) to ensure citizens’ participation and inclusion and government transparency and accountability as well as integration of these principles into other sectors as they work with civil society.

Questions are due by July 10, 2015. Applications are due by July 31, 2015. Approximately $200 million is available for a Leader Award of up to $2.5 million and multiple Associate Awards. Eligibility is unrestricted.

LINKS: Grants.gov

HEALTH and MENTAL HEALTH

Exploratory Studies for Delineating Microbiome: Host Interactions in Obesity, Digestive and Liver Diseases and Nutrition (R21)

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 to support basic, clinical, and translational projects to explore and interrogate functional interactions between human gut microbiome and host interactions in obesity, digestive and liver diseases and nutrition. Funds support new directions/approaches for screening and identifying relevant microbial functions beyond association studies that bring together investigators with relevant expertise in physiology, assay platforms, screening, microbiology, etc., as appropriate.

Letters of intent are optional and due 30 days before the selected deadline. Applications are due by October 15, 2015 and October 19, 2016. Approximately $1.5 million is available to support four to six awards.

LINKS: Solicitation, Grants.gov

Bioengineering Research Partnership (BRP): Non- or Minimally-Invasive Methods to Measure Biochemical Substances during Neonatal and Perinatal Patient Care and Research (R01)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)

Notice seeking applications to collaborate in developing non- or minimally-invasive methods for measuring biochemical substances in connection with the care of perinatal patient populations. Lab-on-a-chip methods for rapid diagnostic or prognostic purposes are also encouraged.

Letters of intent are requested 30 days before application due date. Applications are due February 5, June 5, and October 5, annually.

LINKS: Solicitation, Grants.gov
Non- or Minimally-Invasive Methods to Measure Biochemical Substances for Neonatal and Perinatal Clinical Care and Research (R41)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)

Notice seeking small businesses with bioengineering and biomedical expertise to collaborate in developing non- or minimally-invasive methods for measuring biochemical substances in connection with the care of perinatal patient populations.

Letters of intent are requested by June 15, 2015. Applications are due July 15, 2015. Approximately $1 million is available to support four to eight awards. Partnership opportunities may exist for colleges and universities.

LINKS: Solicitation, Grants.gov

A Community Research Resource of Microbiome-Derived Factors Modulating Host Physiology in Obesity, Digestive and Liver Diseases, and Nutrition (R24)

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 to support multidisciplinary research teams to create a community research resource of microbiota factors affecting obesity, nutrition, or liver, exocrine pancreatic, or digestive diseases. Funds support the creation of resources that include annotated genome sequences and cultures of the key microbes, chemical structures of the key compounds they elaborate, datasets used to identify key microbes and compounds, and software for novel analytic methods developed to enable their identification.

Letters of intent are optional and due thirty days before the selected deadline. Applications are due by October 15, 2015 and October 19, 2016. Approximately $6 million is available to support two to four awards.

LINKS: Solicitation, Grants.gov

Extracellular Vesicles and Substance Abuse (R01)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications to support research into the interplay between extracellular vesicles and addictive processes, especially their relationship to neuroplastic mechanisms relevant to substance abuse or as biomarkers or therapeutics.

Letters of intent are optional and due by October 3, 2015. Applications are due by November 3, 2015. Approximately $350,000 per award is available to support multiple awards.

LINKS: Solicitation, Grants.gov

Extracellular Vesicles and Substance Abuse (R21)

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

Notice seeking applications to support exploratory and developmental research into the interplay between extracellular vesicles and addictive processes, especially their relationship to neuroplastic mechanisms relevant to substance abuse or as biomarkers or therapeutics.

Letters of intent are optional and due by October 3, 2015. Applications are due by November 3, 2015. Approximately $275,000 per award is available to support multiple awards.

LINKS: Solicitation, Grants.gov
Meeting of the Secretary’s Advisory Committee on Human Research Protections

Department of Health and Human Services (HHS)

Notice announcing a meeting of the Secretary’s Advisory Committee on Human Research Protections.

The meeting will be held on Tuesday, July 21, 2015, from 8:30 a.m. until 5:00 p.m. and Wednesday, July 22, 2015, from 8:30 a.m. until 4:30 p.m. at the Fishers Lane Conference Center, Terrace Level, 5635 Fishers Lane, Rockville, Maryland.

LINKS: Federal Register

Cancer Incidence Study of Marines/Navy Personnel and Civilian Employees Exposed to Contaminated Drinking Water at USMC Base Camp Lejeune

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking comments on a cancer incidence study that will be conducted to assess whether there is an association between exposure to the contaminated drinking water at Camp Lejeune and the incidence of specific cancers.

Responses are due by July 8, 2015.

LINKS: FBO

Demonstration Grants for Domestic Victims of Human Trafficking

Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice seeking applications to support efforts to build, expand, and sustain organizational and community capacity to deliver trauma-informed, culturally relevant services for domestic victims of human trafficking through a coordinated system of agency services and partnerships with community-based organizations and allied professionals. Proposals in New York City’ Maricopa and Pima Counties, Arizona, and the Salt Lake City, Utah metropolitan area are not accepted.

Applications are due by August 19, 2015. Approximately $2.2 million is available to support four awards. Cost sharing of 25 percent is required.

LINKS: Solicitation, Grants.gov
Centers for Disease Control and Prevention (CDC)/Health Resources and Services Administration (HRSA) Advisory Committee on HIV, Viral Hepatitis and Sexually Transmitted Diseases (STD) Prevention and Treatment; Notice of Meeting

Centers for Disease Control and Prevention (CDC), Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing open meeting of the CDC/HRSA Advisory Committee on HIV, Viral Hepatitis and STD Prevention and Treatment (CHACHSPT) to discuss and vote on the “Resolution to express CHACHSPT’s recognition on the 25th Anniversary of the Ryan White CARE Act”, and hear the orientation session and discuss the purpose and role of the CHACHSPT.

The meeting will be held on July 28, 2015 from 3:00 p.m. to 4:00 p.m. ET via audio conference call and Adobe Connect Pro. Participants can join the conference call by dailing 1/800-369-3340 and providing the Public Participant Pass Code 8527572. To connect to the meeting via Adobe Connect Pro, go to https://hrsa.connectsolutions.com/cdc-hrsa_AC/. Participants should call and connect 15 minutes prior to the meeting in order for logistics to be set up. Call 301/443-9684 or send an email to sgordon@hrsa.gov if you have any questions, or send an email to CWilliams2@hrsa.gov if you are having trouble connecting to the meeting site.

LINKS: Federal Register

National Library of Medicine; Notice of Meeting

Department of Health and Human Services (HHS), National Library of Medicine

Notice announcing an open to the public to discuss ongoing and future program opportunities. The meeting will be closed to discuss matters related to personnel and other confidential sources of information.

The meeting will be held on December 1, 2015 from 8:30 a.m. to 12:00 p.m. ET at the National Library of Medicine, Building 38, 2nd Floor, The Lindberg Room, 8600 Rockville Pike, Bethesda, MD.

LINKS: Federal Register

National Library of Medicine; Notice of Meetings

Department of Health and Human Services (HHS), National Library of Medicine

Notice announcing a public meeting to review research and development programs and preparation of reports of the Lister Hill National Center for Biomedical Communications.

The meeting will be held on September 10, 2015, 9:00 a.m. to 12:00 p.m. ET at the National Library of Medicine, Building 38, 2nd Floor, The Lindberg Room, 8600 Rockville Pike, Bethesda, MD.

LINKS: Federal Register
Supporting Laboratory Strengthening Activities in Resource-Limited Countries under the President’s Emergency Plan for AIDS Relief (PEPFAR)

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking proposals to fund activities to prevent or control disease or injury and improve health, or to improve a public health program or service. Recipients may not use funds for research. Certain activities that may require human subjects review due to institutional requirements but that are generally considered not to constitute research (e.g., formative assessments, surveys, disease surveillance, program monitoring and evaluation, field evaluation of diagnostic tests, etc.) may be funded through this mechanism.

Proposals are due July 28, 2015. Approximately $10 million is available to support 50 awards.

LINKS: Grants.gov

Opportunities for Collaborative Research at the NIH Clinical Center (U01)

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

Notice seeking applications for collaborative translational research projects aligned with NIH efforts to enhance the translation of basic biological discoveries into clinical applications that improve health.

Applications are due by April 11 annually through April 11, 2018. Projects must include at least one intramural scientist as program director, principal investigator, or collaborator.

LINKS: Solicitation, Grants.gov

Pre-application: Opportunities for Collaborative Research at the NIH Clinical Center (X02)

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

Notice seeking pre-applications for collaborative translational research projects aligned with NIH efforts to enhance the translation of basic biological discoveries into clinical applications that improve health. This is a recommended, not required, first step for potential applicants to the Opportunities for Collaborative Research at the NIH Clinical Center opportunity.

Applications are due December 15 annually through December 15, 2018. Applications must include at least one NIH intramural investigator and one (non-NIH) extramural investigator.

LINKS: Solicitation, Grants.gov
SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Research Opportunities in Aeronautics - 2015 NRA Appendix B.4 Safe Autonomous Systems Operations Project

National Aeronautics and Space Administration (NASA)

Notice seeking proposals to support nine subtopics: System Study to Identify Opportunities for increasingly Autonomous Operations with Emphasis in Traffic Flow Management and Closely-spaced Parallel Runway Operations; System study to identify ab initio architecture(s) to meet the needs of future airspace operations (targeted for 2035 and beyond); Safety Assurance for Increasingly Autonomous (IA) Systems; Advanced universal, reliable, always available, cyber secure and affordable Communication, Navigation, Surveillance (CNS) Options for all altitudes of UAS operations; Human-autonomy teaming; (2.6) Small Unmanned Aircraft System (sUAS) Trajectory Modeling Approaches; Identification of UAV Situational Awareness Issues and Intervention Procedures for Off Nominal Events; Interactivity and Mobility Decision Modeling; and Concept and Technologies to Support Reduced Crew Operations for Commercial Carriers.

Notice of Intent is due June 29, 2015. Proposals are due August 3, 2015.

LINKS: Solicitation, Grants.gov, FBO

Division of Physics: Investigator-Initiated Research Projects

National Science Foundation (NSF) , Division of Physics (PHY)

Notice seeking proposals to support theoretical, fundamental, and experimental research in various physics disciplines. Area focuses include Accelerator Science, Atomic, Molecular, and Optical Physics, Computational Physics, Elementary Particle Physics, Gravitational Physics, Integrative Activities in Physics, Nuclear Physics, Particle Astrophysics, Cosmology, Physics of Living Systems, and Quantum Information Science.

Approximately $90 million is available to support 300 awards. Proposal due dates vary by topic area.

LINKS: Solicitation, Grants.gov

Mid-Scale Innovations Program in Astronomical Sciences

National Science Foundation (NSF)

Notice seeking proposals to support astronomical science of intermediate to large cost. Support types include limited term, self-contained science projects; longer term mid-scale facilities; development investments for future mid-scale and large-scale projects; and community open access capabilities.

Preliminary proposals are required and due by September 16, 2015. Approximately up to $30 million is available to support two to four awards.
Limited Submission:
A single organization may submit a maximum of three preliminary proposals as the lead institution. An individual may only serve as PI or Co-PI on one application

LINKS: Solicitation, Grants.gov
Standoff Explosives Detection on Vehicles (SED-V)


Notice seeking applications to develop technologies to enable and/or improve screening for explosives and explosive devices.

White paper registration are due July 8, 2015. White papers are due July 23, 2015. Proposals are due September 4, 2015. Approximately $3.5 million is available to four to five awards.

LINKS: FBO

Expeditionary Intelligence, Surveillance, Reconnaissance Science and Technology

Department of Defense (Defense), Navy (Navy)

Notice seeking white papers to support basic, applied, and advanced technology research to improve expeditionary intelligence, surveillance, and reconnaissance capabilities for both amphibious and irregular warfare. Focus areas include: Advanced query capabilities against NoSQL data stores; Network statistics on rich graphs; Conventional analysis of open source data including complex event recognition; Transform and opportunistic learning from open source; Actionable empirical models of factional dynamics; Level 1 and level 2 fusion applied to complex graphs; Calculations of cost functions for predictions from embedded data; Complex event detection conditioned by entity pedigree; Knowledge based workflow management; and Civil Information Exploitation.

White papers are required and due July 10, 2015. Approximately $4 million is available to support eight awards.

LINKS: Solicitation, FBO, Grants.gov

President's Council of Advisors on Science and Technology Meeting

Department of Energy (Energy)

Notice announcing a meeting to discuss its review of networking and information technology research and development and to hear from speakers about technology for the aging population and from presenters on manned space flight.

The meeting will be held on July 14, 2015 from 9:00 a.m. to 12:00 p.m. EST at the National Academy of Sciences, 2101 Constitution Avenue NW., Washington, DC in the Lecture Room.

LINKS: Federal Register

Research support for Policy Study on the impact of IAEA Policy Paper 21

Department of Energy (Energy), Brookhaven Science Associates

Notice seeking to support a study evaluating the impact of new proposed international safeguards at uranium mines, mills, and ore concentrate plants. The safeguards recharacterize certain chemical forms of uranium. Funds support efforts to determine impacts on state regulatory authorities, industry and facility operators, and verification responsibilities for the International Atomic Energy Agency.

Quotes are required by June 24, 2015.

LINKS: FBO
Technology/Business Opportunity Funnel for Localizing Biological Cell Placement and Arrangement

Department of Energy (Energy), Lawrence Livermore National Laboratory

Notice seeking to establish partnerships to conduct further research and development of In-vitro Chip-based Human Neuronal Investigation Platform technology and obtain licensing rights for commercialization. The technology is mechanically comprised of electrical stimulation and recording, nutrient and oxygen perfusion via fluidic delivery, optical analysis, and quantitative measurements of cell health and viability. This technology has the potential to dramatically reduce the time needed to establish countermeasures against biological, chemical, and radiological agents and to bring new therapies to market.

Responses are due by July 20, 2015.

LINKS: FBO

Technology/Business Opportunity Isotopically Pure Materials for Ultra-Low Noise Cryogenic Devices and Q-Bits

Department of Energy (Energy), Lawrence Livermore National Laboratory (DOE Contractor)

Notice seeking to establish partnerships to conduct further research and development of special materials that reduce levels of non-thermal noise that limits ultra-low noise electronic devices and obtain licensing rights for commercialization. This invention can be used to improve the performance of any device or sensor that requires extremely low electromagnetic noise, such as SQUIDs, single-electron transistors, photon detectors, microwave mixers, etc. This includes Q-bits, where the invention can be used to increase coherence time, and superconducting computers, where decrease of internal noise of components can increase speed of operation and decrease heat production by the components.

Responses are due by July 20, 2015.

LINKS: FBO

Request for information (RFI): Advanced Biofuel Blends in Small Engines

Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy’s (EERE)

Notice seeking stakeholder input on the potential to optimize and/or modify small engines to utilize ethanol blends greater than 10% (E10), and the barriers limiting the expansion of overall biofuel consumption in the small engine industry. The small engines of interest for this RFI are spark-ignition, internal combustion engines such as those found in small tractors, chainsaws, hand-held line trimmers, off-road motorcycles, generator sets, personal water craft, snowmobiles, and all-terrain vehicles.

Responses are due August 30, 2015.

LINKS: Solicitation, Grants.gov

Advances in Biological Informatics (ABI)

National Science Foundation (NSF), Directorate for Biological Sciences

Notice seeking proposals to encourage new approaches to the analysis and dissemination of biological knowledge for the benefit of both the scientific community and the broader public. The ABI program is especially interested in the development of informatics tools and resources that have the potential to advance or transform research in biology supported by the Directorate for Biological Sciences. Proposals are due September 22, 2015. Approximately $12-$15 million is available to support 20 to 30 awards. Award amount and duration will vary based on overall portfolio balance and individual proposal merits.

LINKS: Solicitation, Grants.gov
Using Educational Networks to Increase Schools' Adoption of Integrated Pest Management

Environmental Protection Agency (EPA)

Notice seeking proposals from eligible parties for an Environmental Protection Agency (EPA) cooperative agreement to provide financial assistance to an eligible organization to provide education, training, resources, and technical assistance to increase Integrated Pest Management (IPM) implementation in kindergarten to 12th grade (K-12) public and tribal schools nationwide.

Applications are due August 10, 2015. Approximately $250,000 is available to support one award.

LINKS: Solicitation, Grants.gov

NSF Scholarships in Science, Technology, Engineering, and Mathematics Program

National Science Foundation (NSF)

Notice seeking proposals to increase the success of low-income, academically talented students with demonstrated financial need who are pursuing associate, baccalaureate, or graduate degrees in science, technology, engineering, and mathematics (STEM). The program provides awards to Institutions of Higher Education (IHEs) to fund scholarships, and to enhance and study effective curricular and co-curricular activities that support recruitment, retention, student success, and graduation in STEM.

Proposals are due September 22, 2015. Approximately $50-$70 million is available to support 60 to 80 awards. Limited Submission: Institution may submit one proposal

LINKS: Solicitation, Grants.gov