Weekly Funding Opportunities

ARTS, HUMANITIES AND INTERNATIONAL

• Institute of Museum and Library Services: Sparks! Ignition Grants for Libraries and Museums

Notice seeking applications to encourage libraries, museums, and archives to test and evaluate specific innovations in the ways they operate and the services they provide. Sparks Grants support the deployment, testing, and evaluation of promising and groundbreaking new tools, products, services, or organizational practices. Applications are due February 1, 2013. Grant amounts are from $10,000 to $25,000. The web conference schedule for the FY2013 Sparks! Ignition Grants for Libraries and Museums program is as follows: Wednesday, December 5, 2012, at 3:30 - 4:30 pm ET; Wednesday, January 9, 2013, at 3 - 4 pm ET. To participate in the web conference, a few minutes before it is scheduled to begin, log into: https://imls.meegameeting.com/?page=guest&conid=Sparks_Agent_Webinar


• National Endowment for the Humanities; Division of Education: Landmarks of American History and Culture: Workshops for School Teachers

Notice seeking applications to host one of a series of one-week residence-based workshops for a national audience of K-12 educators. NEH Landmarks of American History and Culture Workshops use historic sites to address central themes and issues in American history, government, literature, art, music, and related subjects in the humanities. Each workshop is offered twice during the summer. Workshops accommodate forty school teachers at each one-week session. Draft applications are accepted if submitted four weeks before the deadline. Applications are due March 5, 2013. Awards will range between $150,000 and $180,000. Cost sharing is not required.


• National Endowment for the Humanities; Office of Digital Humanities: Institutes for Advanced Topics in the Digital Humanities

Notice seeking applications to increase the number of humanities scholars using digital technology in their research and to broadly disseminate knowledge about advanced technology tools and methodologies relevant to the humanities. Draft applications are accepted if submitted at least six weeks before the deadline. Applications are due March 7, 2013. Awards normally range from one to three years and from $50,000 to a maximum of $250,000 in outright funds. Nonprofit organizations are eligible to apply.


EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

• U.S. Department of Commerce; Economic Development Administration: FY 2013 Economic Development Assistance Programs

Notice seeking applications from rural and urban areas to provide investments that support construction, non-construction, technical assistance, and revolving loan fund projects under EDA’s Public Works and Economic Adjustment Assistance programs. Grants made under these programs are designed to leverage existing regional assets to support the implementation of economic development strategies that advance new ideas and creative approaches to economic prosperity in distressed communities. Applications are due December 13, 2012; March 13, 2013; June 13, 2013; and September 13, 2013. Applicants may submit a copy of their application and receive feedback and allowable technical assistance on their application at least 30 days before a funding cycle submission deadline.


• U.S. Department of Housing and Urban Development; Office of Policy Development and Research: Strong Cities, Strong Communities National Resource Network

Notice seeking applications to offer a centralized portal to connect America's most economically distressed communities to national and local experts with wide-ranging expertise and skills. The focus of the SC2 Network will be to strengthen the foundation for economic growth and resiliency in these communities, namely, local technical capacity, comprehensive planning, and regional collaboration. Applications are due January 28, 2013. Approximately $10 million is available. Nonprofit organizations, foundations, anchor institutions, for-profit companies, or a consortium of these entities with demonstrated ability to raise philanthropic support are eligible.


• U.S. Department of Veterans Affairs; National Research Advisory Council: National Research Advisory Council Notice of Meeting

Notice announcing a public meeting to provide external advice and review for VA’s research mission. The agenda will include a review of the 2013 Operations Plan, VA’s research portfolio, and a summary of special projects. The Council will also provide feedback on the direction/ focus of VA's research initiatives. The meeting will be held on December 5, 2012, from 9:30 a.m. to 3:30 p.m. (ET), in conference room 23, at 131 M Street NE, Washington, DC.

HEALTH and MENTAL HEALTH


Notice announcing a public meeting to gather additional information on independent second opinion genetic diagnostic testing for purposes of preparing a report on the subject as required by the America Invents Act. To assist in gathering this information, the USPTO invites the public to attend a roundtable focused on genetic diagnostic testing. The roundtable will be held on Thursday, January 10, 2013, beginning at 1:00 p.m. ET and ending at 4:00 p.m. ET in Alexandria, Virginia.


• U.S. Department of Health and Human Services; Centers for Disease Control and Prevention: Natural History and Prevention of Viral Hepatitis Among Alaska Natives

Notice seeking applications to improve efforts to prevent hepatitis A and B through vaccination, and to study interventions to reduce mortality and morbidity from chronic hepatitis B and C. Applications are due January 14, 2013. Approximately $1.5 million is available to support one award. Anticipated total funding available for first program year is $300,000. Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed research as the Project Director/Principal Investigator (PD/PI) is invited to work with his/her organization to develop an application for support. LIMITED SUBMISSION: Only one application per institution is accepted.


• U.S. Department of Health and Human Services; Health Resources & Services Administration: Nurse Education, Practice, Quality and Retention (NEPQR) Program- Interprofessional Collaborative Practice

Notice seeking applications to strengthen the nursing workforce, increase nurse retention, promote coordinated care, improve the quality of patient care, and provide nurses with the skills needed to practice in existing and emerging organized health care systems. For FY 13, the NEPQR program will solicit projects that create and/or expand Interprofessional Collaborative Practice (IPCP) environments where nurses and other professional disciplines work together to provide comprehensive healthcare services for patients and their families. The goal is to strengthen nursing's capacity to advance the health of patients, families and communities by supporting the development and implementation of innovative practice models that use collaborative interprofessional teams comprised of nurses and other health professionals. Applications are due January 25, 2013. Approximately $10 million is available to support 39 awards. A technical assistance call to help applicants understand, prepare and submit an application is scheduled for December 5, 2012. Call-in information will be posted on the HRSA Division of Nursing website at http://bhpr.hrsa.gov/nursing/.


• U.S. Department of Health and Human Services; Health Resources & Services Administration: Community Based Dental Partnership Program

Notice seeking applications to increase access to oral health care for patients with HIV in areas that remain underserved, especially in communities without dental education programs, and to increase the number of dental providers capable of managing the oral health needs of patients with HIV, through community-based service-learning experiences. Applications are due January 28, 2013. Approximately $3.8 million is available to support 12 awards. Eligibility is limited to dental schools and other dental education programs, a hospital, or a public or private institution that offers postdoctoral training in the specialties of dentistry, advanced education in general dentistry, or a dental general practice residency. LIMITED SUBMISSION: Only one application per institution is accepted.


• U.S. Department of Health and Human Services; Health Resources & Services Administration: HIV Early Intervention Services (EIS) Program Existing Geographic Service Areas (ESEGA)

Notice seeking applications to provide, on an ongoing outpatient basis, high quality early intervention services/primary care to individuals with HIV infection. All early intervention services (EIS) programs must provide appropriate medical evaluation and clinical care; and other essential services such as oral health care, outpatient mental health services, outpatient substance abuse services and nutritional services, and appropriate referrals for specialty services. Applications are due January 29, 2013. Approximately $6 million is available to support 11 awards.

• **U.S. Department of Health and Human Services; Health Resources and Services Administration:** National Center on Health Care Transition for Youth with Special Health Care Needs

Notice seeking applications to fund a national resource for health care professionals, families, youth, and state policy makers focusing on the transition of youth and young adults from pediatric to adult system of health care services. This center will build upon and expand current efforts to improve the transition from pediatric to adult-oriented health care for youth and young adults, particularly those with special health care needs, in part by increasing the number of clinicians with the knowledge and skills to care for this population in the adult system of care. Applications are due January 28, 2013. Approximately $436,160 is available to support one award.


• **U.S. Department of Health and Human Services; Health Resources and Services Administration:** Health Workforce Research Center (HWRC) Program

Notice seeking applications to increase the amount of high quality, impartial, policy-relevant research on the health workforce available to assist decision-makers at the federal, state and local levels to better understand health workforce needs and to help ensure access to high quality, efficient health care. Supports Research-focused HWRCs will conduct policy-oriented research on health workforce issues and synthesize the results into reports easily understood by a non-technical policy audience. Applications are due January 7, 2013. Approximately $1.5 million is available to support up to four awards. Eligible applicants include a state, a state workforce investment board, a public health or health profession school, an academic health center, or an appropriate public or private nonprofit entity. Applications that do not focus on one of the five research areas of concentration (allied health, long-term care, behavioral health, oral health, flexible use of workers to improve care delivery and efficiency) or on technical assistance will not be considered.


• **U.S. Department of Health and Human Services; Health Resources and Services Administration; Division of Nursing:** Advanced Nursing Education Program

Notice seeking applications for advanced nursing education programs that address the health care needs of persons with multiple chronic conditions. Eligible applicants should describe how these advanced nursing education programs will be incorporated into an interprofessional education model. Applications are due February 1, 2013. Approximately $12 million is available to support up to 33 projects.


• **U.S. Department of Health and Human Services; National Institute of Health; National Institute of Neurological Disorders and Stroke:** Morris K. Udall Centers of Excellence for Parkinson's Disease Research (P50)

Notice seeking applications to establish a network of Centers that work collaboratively as well as independently to define the causes of and discover improved treatments for Parkinson's disease (PD). A more immediate goal for each Center is to rapidly advance synergistic basic, translational and clinical research programs while serving as local resources and national leaders in PD research. Proposed research projects, and associated cores must inform the etiology, pathogenesis or treatment of PD. Investigations on related parkinsonian disorders may be included, to the extent that these directly inform research on PD. Required components include: 1) a minimum of three interdisciplinary research projects, with at least one translational research project focusing on the development of therapeutics, diagnostics, or clinical criteria that would ultimately lead to new approaches for the treatment of PD; 2) Research Cores that are essential to accomplish the aims of proposed research projects, plus an Administrative Core; and 3) a specific plan to provide for training of PD researchers. Letters of Intent are requested and due December 23, 2012. Applications are due January 23, 2013. Approximately $4.5 million is available to support two awards.


• **U.S. Department of Health and Human Services; National Institutes of Health, National Institute on Deafness and Other Communication Disorders:** NICHD Research Core Centers (P30)

Notice seeking applications to establish Core Centers that combine one or more research cores for a group of RO1 investigators to enhance their research, consolidate resources, avoid duplication of efforts, and/or contribute to cost effectiveness by providing a service with lower cost and higher quality than could be attempted for independent projects by several individual Program Director(s)/Principal Investigator(s) PD(s)/PI(s). The design and purpose of each research Core Center may vary in how it serves its users. The resources provided by research cores can include, but are not limited to, sharing of technical expertise (e.g., histology, population genetics, bioinformatics, statistics, automated brainstem response); centralization of labor-intensive tasks (e.g., genotyping, human subject recruitment and assistance with regulatory issues, database management); staffing, etc. Letters of intent are requested and due 30 days before the application due date. Applications are due February 1, 2013; June 3, 2013; October 1, 2013; February 3, 2014; June 2, 2014; October 1, 2014; February 2, 2015; June 1, 2015; and October 1, 2015. Program expires October 2, 2015. Direct costs are capped at $1.5, $2.0, or under $2.5 million over 5 years, for a research base minimum of 6, 12, or 18 qualifying RO1 grants, respectively.

• **U.S. Department of Health and Human Services; National Institutes of Health; Multiple Institutes:** Opportunities for Collaborative Research at the NIH Clinical Center (U01)

Notice seeking applications to support collaborative translational research projects aligned with NIH efforts to enhance the translation of basic biological discoveries into clinical applications that improve health. This opportunity is specifically to promote partnerships between NIH intramural investigators (e.g., those conducting research within the labs and clinics of the NIH) and extramural investigators (e.g., those conducting research in labs outside the NIH). Letters of intent are requested and due 30 days before application due date. Applications are due March 20, 2013, March 20, 2014, and March 20, 2015.


• **U.S. Department of Health and Human Services; National Institutes of Health; Multiple Institutes:** Determinants and Consequences of Personalized Health Care and Prevention (U01)

Notice seeking applications for economic research on the determinants and consequences of personalization in health care and prevention. The objective of the research program is to support foundational research on economic aspects of individualized health interventions that will provide a framework for subsequent applied analyses. Letters of intent are requested and due January 28, 2013. Applications are due February 28, 2013. Approximately $2.7 million is available to support six to eight awards.


• **U.S. Department of Health and Human Services; National Institutes of Health; Multiple Institutes:** International Research Ethics Education and Curriculum Development Award (R25)

Notice seeking applications to strengthen research ethics capacity in low- and middle-income countries (LMICs) through increasing the number of scientists, health professionals and relevant academics from these countries with in-depth knowledge of the ethical principles, processes and policies related to international clinical and public health research as well as the critical skills to develop research ethics education, ethical review leadership and expert consultation to researchers, their institutions, governments and international research organizations. Letters of intent are requested and due April 22, 2013, April 22, 2014, and April 22, 2015. Applications are due May 22, 2013, May 22, 2014, and May 22, 2015. New education program applications may request a budget of up to $230,000 direct costs per year. Renewal education program applications may request a budget of up to $276,000 direct costs per year.


• **U.S. Department of Health and Human Services; National Institutes of Health; National Heart, Lung, and Blood Institute:** Trans-Agency Research Consortium for Trauma-Induced Coagulopathy (TACTIC) (UM1)

Notice seeking applications to support a single multi-component basic collaborative Research Program to conduct hypothesis-driven studies of trauma induced coagulopathy (TIC). Letters of intent are requested and due January 6, 2013. Applications are due February 6, 2013. Approximately $4.8 million is available in FY 2013.


• **U.S. Department of Health and Human Services; National Institutes of Health; National Heart, Lung, and Blood Institute:** Selected Topics in Transfusion Medicine

Notice seeking applications to study research topics in blood banking and transfusion medicine aimed at improving the safety and availability of the blood supply and the practice of transfusion medicine. Specifically, research focused on improving blood donor health, the safety and availability of blood products, and improving the practice of transfusion medicine is critical to public health. Research designed to better understand the determinants of transfusion-associated adverse events and how best to minimize transfusion risks is also important. Research is also needed to maintain an adequate blood supply by minimizing the risks associated with the donation process and developing enhanced recruitment and retention programs. R21 applications are due February 16 for Cycle I and October 16 for Cycle III annually. R01 applications are due February 5 for Cycle I and October 5 for Cycle III annually. Program expires January 8, 2017.


• **U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Allergy and Infectious Diseases:** Centers of Excellence for Translational Research (CETR) (U19)

Notice seeking applications to support multidisciplinary translational research centers focused on generating, validating and advancing discovery, preclinical development, production, licensure and/or use of new or improved countermeasures (therapeutics, immunotherapeutics, vaccines, vaccine technologies, and medical diagnostics) or related technologies relevant to NIAID Emerging and Re-emerging Infectious Diseases. Letters of intent are requested and due February 26, 2013. Applications are due March 26, 2013. Approximately $75 million is available to support 10 to 20 awards in FY 2014.

**U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Diabetes and Digestive and Kidney Diseases:** Research Using Subjects From Selected Type 1 Diabetes Clinical Studies (Living Biobank) (DP3)

Notice seeking applications to generate scientific discoveries on disease mechanisms, disease pathogenic processes, and biomarkers of disease progression or clinical responses, or complications of type 1 diabetes. Letters of intent are requested and due March 2, 2013. Applications are due April 2, 2013. Approximately $7 million is available to support three to five awards.


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**U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Diabetes and Digestive and Kidney Diseases:** Nociceptive GenitoUrinary Development Molecular Anatomy Projects (nGUDMAP) (U01)

Notice seeking applications that will build a murine molecular anatomy atlas of the nociceptors (pain receptors) and associated cell types in pain processing of the urinary tract and the pelvic region. Two types of applications (Research Projects and The Atlas Assembly Project) will be supported. Letters of intent are requested and due February 14, 2013. Applications are due March 14, 2013. Approximately $1.5 million is available in FY 2013. Applicants should propose either a Research Project or an Atlas Assembly Project in their application and indicate clearly which activity is being proposed.


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**U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Environmental Health Sciences:** Environmental Health Sciences (EHS) Core Centers (P30)

Notice seeking applications to establish leadership and support for programs of excellence in environmental health sciences by providing scientific guidance, technology, and career development opportunities for promising investigators. Letters of intent are requested and due January 14, 2013. Applications are due February 13, 2013. Approximately $6 million is available to support up to three to four awards. LIMITED SUBMISSION: Only one application per institution is allowed.


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### SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

**National Aeronautics and Space Administration:** Centennial Challenges 2013 Sample Return Robot Challenge

Notice announcing a prize competition to stimulate innovation in technologies of interest and value to NASA and the nation. The 2013 Sample Return Robot Challenge is a prize competition designed to encourage development of new technologies or application of existing technologies in unique ways to create robots that can autonomously seek out samples and return to a designated point in a set time period. Teams must register in advance. The Competition will be held June 4-7, 2013 at Worcester Polytechnic Institute, Worcester, MA. A Maximum of $5,000 per team is available. To register for or get additional information regarding the 2013 Sample Return Robot Challenge, please visit: [http://challenge.wpi.edu](http://challenge.wpi.edu).


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**National Aeronautics and Space Administration:** ROSES 2012: The Soil Moisture Active-Passive Mission Science Team

Notice seeking proposals to provide expert guidance and contributions to the SMAP project in the areas of preparation for science and applications utilization of SMAP science data products, calibration, and validation (Cal/Val) of the Level 1 through Level 4 science data products, assessments of accuracies of the science data products, and utilization demonstrations of SMAP science data products for research and applications, and liaison with the broader science and applications communities. Notices of intent are due December 3, 2012. Proposals are due February 1, 2013. Approximately $1.6 million is available to support 10 awards.


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**National Aeronautics and Space Administration:** ROSES 2012: Kepler Guest Observer - Cycle 5

Notice seeking proposals for Kepler observations that address any area of astrophysics outside of the exoplanet Key Project study; proposals for short cadence observations of known exoplanet candidates that are not currently being observed in short cadence; and proposals for long cadence observations of new targets for the identification of planets transits. Notices of intent are due December 7, 2012. Proposals are due January 18, 2013. Approximately $1 million is available to support 30 awards. Eligibility is unrestricted.

• National Aeronautics and Space Administration: Notice of Establishment of a NASA Federal Advisory Committee; Applied Sciences Advisory Committee (ASAC)

The ASAC will provide advice and make recommendations to the Director, Earth Science Division, Science Mission Directorate, NASA Headquarters, on Applied Sciences programs, policies, plans and priorities. The ASAC’s recommendations and analysis can be used to inform decisions on the programmatic scope and priorities, as well as the implementation of Applied Sciences programs. The ASAC shall meet approximately one to two times per year or as required by the Director, Earth Science Division, Science Mission Directorate, NASA Headquarters.


• National Science Foundation: Advisory Committee for Cyberinfrastructure

Notice announcing a meeting of the Advisory Committee for Cyberinfrastructure. The purpose of the meeting is to advise NSF on the impact of its policies, programs and activities in the CI community. The meeting will be held on December 12, 2012: 11:30 a.m.-5:00 p.m. December 13, 2012: 8:30 a.m.-12:30 p.m. at the National Science Foundation, 4201 Wilson Blvd., Room 1235, Arlington, VA 22230.


• National Science Foundation; Multiple Directorsates: Major ResearchInstrumentation Program

Notice seeking applications to assist with the acquisition or development of a shared research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs. The instrument is expected to be operational for regular research use by the end of the award period. Proposals must be for either acquisition (Track 1) or development (Track 2) of a single instrument or for equipment that, when combined, serves as an integrated research instrument (in contrast to requests for multiple instruments that enable research in a common or focused research domain, which MRI does not support). The MRI program does not support the acquisition or development of a suite of instruments to outfit research laboratories/facilities. Cost-sharing of 30% of the total project cost is required for Ph.D.-granting institutions of higher education and for non-degree-granting organizations. Non-Ph.D.-granting institutions of higher education are exempt from cost-sharing and cannot include it. Proposals are due February 21, 2013; January 23, 2014; and the fourth Thursday in January, annually thereafter. Approximately $90 million is available to support 175 awards. LIMITED SUBMISSION: Only three proposals per institution.


• National Science Foundation; Multiple Directorsates: Integrated NSF Support Promoting Interdisciplinary Research and Education

Notice seeking to create new interdisciplinary opportunities that are not perceived to exist presently; Attract unusually creative high-risk / high-reward interdisciplinary proposals; Provide sufficient funding to pursue the novel idea beyond the exploratory stage; Recognize and encourage innovative interdisciplinary research by unusually creative individual investigators, especially at early- to mid-career stages; Designate no favored topics; be open to all NSF-supported areas of science, engineering, and education research through Track 1, Track 2, and Director's INSPIRED awards. Letters of intent are required and due December 10, 2012 through February 20, 2013 for INSPIRE Track 2 Inquiries; and December 10, 2012 through March 29, 2013 for INSPIRE Track 1 Inquiries. Full proposals are due May 13, 2013 for INSPIRE Track 2; May 29, 2013 for INSPIRE Track 1; and May 29, 2013 Director's INSPIRE Awards. Approximately $63 million is available to support 30 to 40 INSPIRE Track 1 Awards; 10 to 15 INSPIRE Track 2 Awards; and three to seven Director's INSPIRE Awards. LIMITED SUBMISSION: One proposal per PI.


• U.S. Department of Agriculture; Foreign Agricultural Service: Scientific Cooperation Research Program

Notice seeking applications to support joint research, extension, and education projects lasting up to two years?among domestic and international agricultural professionals. These projects address issues including agricultural trade and market access, animal and plant health, biotechnology, food safety and security, and sustainable natural resource management in the United States and internationally. Applications are due January 3, 2013. It is anticipated that four awards will be made ranging from $40,000 and $160,000 per award.


• U.S. Department of Agriculture; National Institute of Food and Agriculture: Solicitation of Input From Stakeholders Regarding the Youth Farm Safety Education and Certification Competitive Grants Program

Notice announcing a meeting to solicit public comment from interested persons regarding program and funding priorities for the Youth Farm Safety Education and Certification Program. One listening session will be held on December 12, 2012 to collect stakeholder input in a webinar format that will be accessible by conference call (audio) and Internet (visual only). Connection details for the meeting will be posted on the National Institute of Food and Agriculture Web site (www.nifa.usda.gov) or by contacting Ms. Camielle Compton, (202) 401-6825 or FarmSafety@nifa.usda.gov.

• **U.S. Department of Commerce; National Institute of Science and Technology:** Smart Grid Interoperability Standards Cooperative Agreement Program

Notice seeking applications that will support continuous innovation of the electrical grid through the coordination and acceleration of standards development and harmonization and advancement of the interoperability and security of smart grid devices and systems. The applicant will work with NIST in its fulfillment of standards coordination activities as mandated under the Energy Independence and Security Act of 2007. Applications are due January 3, 2013. Approximately $750,000 is available to support one award.


• **U.S. Department of Commerce; National Oceanic and Atmospheric Administration:** Solid Waste Management Grant

Notice seeking proposals to conduct research and development which will allow the government to determine the scientific or technical merit and feasibility of concepts, ideas and quality of performance as a prerequisite for further Government support of the programs: Weather-Ready Nation, Climate Adaptation and Mitigation, Healthy Oceans, Resilient Coastal Communities and Economies. This notice has been modified from the original posting on October 15, 2012 to include a new solicitation release date of December 4, 2012 and a new deadline date from January 30, 2013 to February 6, 2013.

**Links:** FBO notice [https://www.fbo.gov/?s=opportunity&mode=form&id=46bd4c307f120f2deb92eb34055c2d7a&tab=core&_cview=1](https://www.fbo.gov/?s=opportunity&mode=form&id=46bd4c307f120f2deb92eb34055c2d7a&tab=core&_cview=1)

• **U.S. Department of Commerce; National Oceanic and Atmospheric Administration; National Marine Fisheries Service:** FY 2013 Coastal and Marine Habitat Restoration Project Grants

Notice seeking applications to identify and support proactive restoration project(s), which use a habitat-based approach to foster species recovery and increase fish production. Successful proposals will 1) identify a habitat-based issue/concern limiting the recovery or sustainability of one or more target species (e.g. fish, marine mammals, sea turtles); 2) identify the project(s)/outcome goal(s) and describe in detail the actions and on-the-ground habitat restoration project(s) to be undertaken to resolve the issue/concern and; 3) describe the measurable impact on the target species, including evaluation techniques. Applications are due February 19, 2013. Approximately $20 million is available over a three year period to support multiple awards.


• **U.S. Department of Defense; Department of the Navy; Office of Naval Research:** Expeditionary Maneuver Warfare Applied Research and Advanced Technology Development

Notice seeking proposals to foster new developments in Science and Technology which may ultimately lead to future operational capabilities beyond those represented by current acquisition programs and requirements. By necessity, the Applied Research and Advanced Technology Development efforts are extremely technically diverse. As such, efforts are divided into nine Thrust Areas each representing operational functions critical to Expeditionary Warfare. Each white paper and proposal must address only ONE Thrust Area; however, offerors may respond, via separate proposals, to multiple Thrust Areas, if desired. White papers are required and due January 15, 2013. Proposals are due April 15, 2013. Approximately $45 million is available to support multiple awards. Eligibility is unrestricted.


• **U.S. Department of Energy; Energy Efficiency and Renewable Energy:** State Energy Advisory Board (STEB)

Notice announcing a STEB meeting to receive an update on the activities of the STEB’s Task Forces, review the activities of the newly formed STEB Strategic Planning Subcommittee, and provide an update to the Board on routine business matters and other topics of interest, and follow-up on activities of the Weatherization Taskforce’s meeting at DOE. The meeting will be held on Thursday, December 20, 2012; 3:30 p.m.-4:00 p.m. (ET). Contact Gil Sperling for call-in information.


• **U.S. Department of Energy; Energy Efficiency and Renewable Energy; National Energy Technology Laboratory:** Solid-State Lighting Manufacturing Research & Development - Round 4

Notice seeking applications to achieve cost reduction of Solid-State Lighting (SSL) for general illumination through research and development (R&D) improvements in manufacturing equipment, processes, or monitoring techniques. The goals for the Announcement are to: Reduce costs of SSL, improve product consistency while maintaining high quality products; and Encourage the growth, leadership, and sustainability of domestic U.S. manufacturing within the SSL industry. Applications are due February 21, 2013. Approximately $11 million is available to support four to six awards. Domestic entities are eligible to apply. DOE will accept only new applications under this announcement.

• **U.S. Department of Energy; Golden Field Office; Office of the Biomass Program:** RFI: Carbon, Hydrogen and Separation Efficiencies in Bio-Oil Conversion Pathways (CHASE Bio-Oil Pathways)

Notice seeking input to identify key technical barriers in converting biomass via thermochemical direct liquefaction pathways to transportation fuels in the gasoline, diesel, and jet fuel ranges. For the purpose of this RFI, thermochemical direct liquefaction pathways include fast pyrolysis, in situ and ex situ catalytic pyrolysis, hydropyrolysis, hydrothermal (or solvent) liquefaction followed by various combinations of bio-oil stabilization, and upgrading processes. Responses are due December 5, 2012.


• **U.S. Department of Energy; Office of Science:** SBIR/STTR FY 2013 Phase I Release 2

Notice seeking applications (Phase I and Fast-Track) to leverage technology that has been developed at a DOE National Laboratory of either basic or applied research that is available for transfer to the private sector. Fast-Track grants are opportunities to expedite the decision and award of SBIR and STTR Phase I and II funding for scientifically meritorious applications that have a high potential for commercialization. Letters of intent are required and due by December 17, 2012. DOE will accept new Phase I and Fast-Track applications. Phase I grants resulting from this competition will be made during FY 2013 to small businesses with maximum award sizes of $150,000, $225,000, or $450,000 depending on the topic. Fast-Track grant awards resulting from this competition will be made during FY 2013 to small businesses with maximum award sizes of $1.15 million, $1.725 million or $3.45 million depending on the topic. Fast-Track applicants may not apply concurrently to the Phase I funding opportunity. Approximately $34 million is expected to be available to support 162 awards. Colleges and universities cannot apply directly, but may subcontract.


• **U.S. Department of Homeland Security; Office of Science and Technology:** Chemical Attribution Signature Studies for Chemical Threat Agents

Notice seeking proposals for technologies to prevent and defend against a chemical and biological attack. The focus of this BAA is in the area of chemical forensics, specifically Chemical Attribution Signatures (CAS), for the purpose of recovering and associating samples collected at chemical events with each other and with their source (people, places and events). CAS consists of impurities, un-reacted precursors, additives, by-products, physical/chemical characteristics, and other anomalies that persist in the CTA and/or its degradation products that can be used for forensic purposes. White papers are required and due January 25, 2013. Proposals are due March 15, 2013.

**Links:** FBO notice [https://www.fbo.gov/?s=opportunity&mode=form&id=a64b610344e2c8ef4c4a0788547d4d00&tab=core&_cview=0](https://www.fbo.gov/?s=opportunity&mode=form&id=a64b610344e2c8ef4c4a0788547d4d00&tab=core&_cview=0)