University of New Orleans Office of Research and Sponsored Programs

Weekly Funding Opportunities

December 10, 2012

ARTS, HUMANITIES AND INTERNATIONAL

• Institute of Museum and Library Services: Native American Library Services Enhancement Grants

Notice seeking applications to enhance existing Native American library services, or implement new library services. Supported activities include expanding services for learning and access to information and educational resources in a variety of formats, in all types of libraries; establishing or enhancing electronic and other linkages and improved coordination among and between libraries; providing training and professional development, including continuing education, to enhance the skills of the current library workforce and leadership; and developing public and private partnerships with other agencies and community-based organizations. Applications are due by March 1, 2013. Two informational web conferences will be held on January 10, 2013 and January 22, 2013 from 2:00 to 3:00 pm ET. Grant amounts are up to $150,000. Eligibility is limited to Indian tribes, Alaska native villages, regional corporations, and village corporations, but opportunities may exist for colleges and universities to collaborate.


• Institute of Museum and Library Services: National Leadership Grants for Libraries

Notice seeking proposals to support projects that address challenges faced by the museum, library, and/or archive fields and that have the potential to advance practice in those fields. Successful proposals will seek innovative responses, and will have national impact. Proposals are due February 1, 2013. A preproposal technical assistance web conference will be held on January 8, 2013, 2:00-3:00 p.m. ET. Log on information: https://imls.meetings.com/?page=guest&conid=New_Application/Webinar_for_NLG; (phone: 1-866-299-7945, passcode: 9485763#). Project grants range between $50,000-500,000. Planning Grants are up to $50,000. National Forum Grants are up to $100,000. A one-to-one match is required for requests over $250,000, except research projects. Cost sharing of at least one-third is encouraged for requests under $250,000 and for research projects.


• National Endowment for the Arts: NEA Literature Fellowships: Prose, FY 2014

Notice seeking applications in prose (fiction and creative nonfiction) and poetry to published creative writers that enable recipients to set aside time for writing, research, travel, and general career advancement. Applications are reviewed through an anonymous process in which the only criteria for review are artistic excellence and artistic merit. Applications are due February 28, 2013. Fellowships are for $25,000. Individuals are eligible.


• National Endowment for the Humanities; Division of Education Programs: Summer Seminars and Institutes

Notice seeking applications to support faculty development programs in the humanities for school teachers and for college and university teachers. NEH Summer Seminars and Institutes may be as short as two weeks or as long as five weeks and should extend and deepen knowledge and understanding of the humanities by focusing on significant topics and texts; contribute to the intellectual vitality and professional development of participants; build communities of inquiry and provide models of civility and excellent scholarship and teaching; and effectively link teaching and research in the humanities. An NEH Summer Seminar or Institute may be hosted by a college, university, learned society, center for advanced study, library or other repository, a cultural or professional organization, or a school or school system. Applications are due March 5, 2013. Awards for seminars range between $70,000 and $140,000 for a grant period of twelve months. Awards for institutes range from $90,000 to $200,000 for a grant period of fifteen months. The host site must be suitable for the project, providing facilities for scholarship and collegial interaction. These programs are designed for a national audience of teachers.


• U.S. Department of State; Bureau of International Security and Nonproliferation; Office of Cooperation for Threat Reduction: Global Chemical Security Engagement Activities

Notice seeking proposals that address three areas: decreased risk that scientists and engineers will intentionally misuse chemicals; improved security of weaponizable chemicals through the institutionalization of chemical management best practices and securing potentially-dangerous chemicals at priority institutions; and improved law enforcement and regulatory capacity of partner states to ensure adoption of, and compliance with, comprehensive international frameworks that advance chemical nonproliferation objectives. Proposals are due February 1, 2013. Approximately $8 million is available to support multiple awards. It is strongly recommended that single projects request less than $500,000; awards involving multiple projects can exceed $500,000.

• U.S. Department of State; Bureau of International Security and Nonproliferation; Office of Cooperative Threat Reduction: Global Biosecurity Engagement Activities

Notice seeking proposals in three areas: increase biosafety and biosecurity through technical consultations, risk assessments, and training courses that develop expertise; focus on disease detection and control related to infectious disease outbreaks; and focus on scientific engagement to enhance global health security and sustainable bioscience capacity through joint scientific collaborations designed to help prevent, detect, and respond to biological threats. Proposals are due February 1, 2013. Approximately $20 million is available to support multiple awards. It is strongly recommended that single projects request less than $500,000; awards involving multiple projects can exceed $500,000.


• U.S. National Archives and Records Administration; National Historical Publications and Records Commission: Publishing Historical Records

Notice seeking proposals to publish historical records of national significance. Projects may focus on the papers of major figures from American life or cover broad historical movements in politics, military, business, social reform, the arts, and other aspects of the national experience. Grants are awarded for collecting, describing, preserving, compiling, editing, and publishing documentary source materials. All applicants should be aware that the application process is highly competitive. A top priority of the Commission is to support projects with plans to provide free online access to the editions they are preparing. A publishing project that has received NHPRC support can apply for a grant for a new or subsequent stage of that project. Colonial and Early National Period (projects preparing publications whose documents fall predominantly prior to 1820): Draft proposals are optional and due May 1, 2013. Proposals are due June 6, 2013. New Republic through the Modern Era (projects preparing publications whose documents fall predominantly after 1820) Draft proposals are optional and due August 1, 2013. Proposals are due October 3, 2013. Approximately $2.5 million is available to support 90 awards.


• U.S. National Archives and Records Administration; National Historical Publications and Records Commission: State and National Archival Partnership (SNAP)

Notice seeking proposals for projects that promote the preservation and use of America's documentary heritage essential to understanding our democracy, history, and culture. Projects should provide statewide archival services, including professional education, public information about records and archival programs, and other activities to implement state plans; Operate grant programs for eligible archives, manuscript repositories, and other organizations within a state; Collaborate on projects with other organizations to address common problems or shared opportunities within a state or among a consortium of state archives; Assess the health of archival and records programs, the conditions of records, and the challenges and opportunities facing historical records keepers and users; and to implement strategies and programs to address pressing archival issues; Hold meetings and public forums on statewide or national archival issues; Participate in national archival organizations. Draft proposals are optional and due July 1, 2013. Proposals are due September 5, 2013. Approximately up to $750,000 is available to support 56 awards. SNAP grants are awarded only to State Historical Records Advisory Boards in each state but university acting on behalf of the designated state agency may apply. 50% cost share is required.


• U.S. National Archives and Records Administration; National Historical Publications and Records Commission: Electronic Records Projects

Notice seeking proposals for 1) Start-up projects: Develop the capacity of institutions to prepare to capture and preserve electronic records, through program planning; or 2) Collaborative projects: Establish and/or improve electronic records archives by engaging in effective and innovative collaborations; or 3) Electronic Records Professional Development projects: Develop and offer professional education curricula, basic and advanced institutes, or research seminars. Draft proposals are optional and due April 1, 2013. Proposals are due June 11, 2013. Approximately $600,000 is available to support up to three awards. 50% cost share is required.


• U.S. National Archives and Records Administration; National Historical Publications and Records Commission: Institute for Historical Editing

Notice seeking proposals to improve the education of people training to be, or working as, historical editors. Draft proposals are optional and due January 15, 2013. Proposals are due March 7, 2013. Approximately up to $275,000 is available to support one award. The Institute for Historical Editing can consist of both basic and advanced institutes.

Notice seeking applications that use cost-effective methods to digitize nationally significant historical record collections and make the digital versions freely available online. Projects must make use of existing holdings of historical repositories and consist of entire collections or series. The materials should already be available to the public at the archives and described so that projects can re-use existing information to serve as metadata for the digitized collection. Applications must demonstrate: 1. The national significance of the collections or records series to be digitized; 2. An effective workflow that repurposes existing descriptive material, rather than creating new metadata about the records; 3. Reasonable costs and standards for the project as well as sustainable preservation plans for the resulting digital records; 4. Well-designed plans that evaluate the use of the digitized materials and the effectiveness of the methods employed in digitizing and displaying the materials. Applications are due June 11, 2013. Approximately $700,000 is available to support eight awards. 50% cost share is required.


EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

• U.S. Department of Education: Small Business Innovation Research Program (SBIR) - Phase I 2013 (ED-IES-13-R-0007) and Small Business Innovation Research Program (SBIR) - Phase I Games 2013 (ED-IES-13-R-0008)

Notice of a presolicitation announcing pending contracting opportunities to stimulate technological innovation in the private sector to support research in education technology games. For ED-IES-13-R-007, funding is either to be used for investigative research on students' and teachers' uses of education technology, or the development of technology to be used by young children and infants with, or at risk of, disabilities. In ED-IES-13-R-008, funding is for older students, including postsecondary education students, in areas such as foreign language learning; statistics and probability; and computer science education. No proposals are being solicited at this time but the official solicitations should be available on or about December 17, 2012. Phase I awards are for periods up to six months in amounts up to $150,000. Opportunities may exist for colleges and universities to subcontract.

Links: FBO Notices: ED-IES-13-R-0007: https://www.fbo.gov/?s=opportunity&mode=form&id=b7cea2e6e38d99388d8d1bc1d76ca25b&tab=core&_cview=0 ED-IES-13-R-0008: https://www.fbo.gov/?s=opportunity&mode=form&id=bdbb46b3a2c096221a024eb660f2a75bb&tab=core&_cview=0

• U.S. Department of Education: 2013 Small Business Innovation Research Program (SBIR) - Fast Track

Notice of a presolicitation announcing pending contracting opportunities for offerors who are submitting a SBIR Fast-Track proposal (Phase I, ED-IES-13-R-007 and Phase II, ED-IES-13-R-008 combined into one proposal) to develop an education technology product for products used by students or teachers (or other instructional personnel) or products for use by infants, toddlers, or students with or at risk for disabilities, or teachers (or other instructional personnel, related services providers, or family members) in early interventions or special education. The official solicitation is expected to be released on or about December 17, 2012. Phase I awards are for six months with funding up to $150,000 and Phase II awards will be for periods up to two years in amounts up to $900,000. Opportunities may exist for colleges and universities to subcontract.

Links: FBO notice https://www.fbo.gov/?s=opportunity&mode=form&id=1c4673b32f7c6c0fa9161b86bc5b44d2&tab=core&_cview=0

• U.S. Department of Education; Office of English Language Acquisition: Office of English Language Acquisition (OELA): Native American and Alaska Native Children in School Program

Notice seeking applications to develop high levels of academic attainment in English among English learners, an expected to be released on or about December 17, 2012. Phase I awards are for periods up to six months in amounts up to $150,000. Opportunities may exist for colleges and universities to partner.


• U.S. Department of Health and Human Services; Agency for Healthcare Research and Quality; Notice of Intent to Publish Patient-Centered Outcomes Research Funding Opportunity Announcements

Presolicitation notice to provide information for research on Patient-Centered Outcomes Research (PCOR). The planned FOAs are: Patient-Generated Health Outcomes Data and Clinical Decision Support Using Smart Device Technology; Enhancing Comparative Effectiveness Research (CER) Data Resources; Institutional Mentored Career Development Award Program in PCOR; Researcher Training and Workforce Development in Methods and Standards for Conducting Patient-Centered Health Outcomes Research Studies; Individual Mentored Career Development Award Program in PCOR; Electronic Data Methods (EDM) Forum: Phase II; Bringing Evidence to Stakeholders for Translation (BEST) to Primary Care; Disseminating Patient Centered Outcomes Research to Improve Healthcare Delivery Systems; and Deliberative Approaches for Patient Involvement in Implementing Evidence-Based Health Care. Funding Opportunity Announcements are to be released in early 2013, and applications will be due in spring, 2013.

• U.S. Department of Health and Human Services; Health Resources and Services Administration: MCH Research Network on Promoting Healthy Weight (HW-RN) among Children with Autism Spectrum Disorders (ASD) and other Special Health Care Needs

Notice seeking applications to establish an interdisciplinary research network that will lead and promote coordinated research activities related to promoting healthy weight among children and youth with autism spectrum disorders and other special health care needs. Applications are due February 4, 2013. Approximately $200,000 is available to support one award.


• U.S. Department of Health and Human Services; Health Resources and Services Administration: Developmental Behavioral Pediatrics Research Network

Notice seeking applications to foster a national scientific and clinical research network that will promote and coordinate research activities in behavioral, psychosocial, and developmental aspects of pediatric care to improve clinical services and health outcomes for, but not limited to, children with autism spectrum disorder and other developmental disabilities. Applications are due February 4, 2013. Approximately $275,000 is available to support one award.


• U.S. Department of Health and Human Services; National Institutes of Health: Erythropoiesis: Components and Mechanisms (R01)

Notice seeking applications that propose hypothesis-driven research using erythroid cells. The aim of this program is to support research efforts towards a complete description of the molecular and cellular components of erythropoiesis and how these components contribute to erythropoiesis. Applications are due February 5, June 5, and October 5 annually.


• U.S. Department of Health and Human Services; National Institutes of Health; National Cancer Institute: Utilizing the PLCO Biospecimens Resource to Bridge Gaps in Cancer Etiology and Early Detection Research (U01)

Notice seeking applications that propose to advance research in cancer etiology and early detection biomarkers, utilizing the advantages of the unique biorepository resources of the NCI-sponsored Prostate, Lung, Colorectal, and Ovarian Cancer (PLCO) Screening Trial. The PLCO Biorepository offers high-quality, prospectively collected, serial pre-diagnostic blood samples from the PLCO-screened arm participants, and a once-time collection of buccal cells from the control arm participants. Letters of intent are requested and due 30 days before the application is due. Applications are due February 20, 2013; June 20, 2013; February 20, 2014; June 20, 2014; February 20, 2015; and June 19, 2015. This notice expires on June 20, 2015.


• U.S. Department of Health and Human Services; National Institutes of Health; National Eye Institute: NEI Research Grant for Secondary Analysis (R21)

Notice seeking applications that propose to conduct secondary data analyses utilizing existing database resources. Applications may be related to, but must be distinct from, the specific aims of the original data collection. Applications are due February 16, June 16, and October 16 annually.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of General Medical Sciences: New Methods for Understanding the Functional Role of Human DNA Sequence Variants in Complex Phenotypes (R01)

Notice seeking applications that propose experimental approaches to determining the functional relevance of human DNA sequence variants. Letters of intent are requested and due January 21, 2013. Applications are due February 21, 2013. Approximately $3 million is available in FY 2014.

• U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Aging: Solid Organ Transplantation: Older Donors and Recipients

Notice seeking applications that propose basic, clinical, translational, epidemiological and outcomes research on solid organ transplant in older persons. Research may focus on, but is not limited to 1) appropriate selection of older SOT donors and recipients; 2) improved management of older SOT recipients; 3) immunology and immunosuppression pertaining to older SOT patients; and 4) healthcare disparities, utilization and costs of SOT in older patients. R01 applications are due February 5, June 5 and October 5 annually through January 8, 2016. R03 and R21 applications are due February 16, June 16, and October 16 annually through January 8, 2016.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Minority Health and Health Disparities: NIMHD Transdisciplinary Collaborative Centers for Research on Men’s Health (U54)

Notice seeking applications to establish specialized Transdisciplinary Collaborative Centers (TCCs) for Health Disparities Research comprising regional coalitions of academic institutions, community organizations, service providers and systems, government agencies and other stakeholders focused on priority research areas in minority health and health disparities. Letters of intent are requested and due January 6, 2013. Applications are due February 6, 2013. Approximately up to $3 million is available to support two awards.


• U.S. Department of Justice; Office of Justice Programs; Bureau of Justice Assistance: Wrongful Conviction Review Program FY 2013 Competitive Grant Announcement

Notice seeking applications to provide high-quality and efficient representation for potentially wrongfully convicted defendants in cases of post-conviction claims of innocence. Applications are due February 6, 2013. All applicant organizations should have in-house post-conviction programs with demonstrable experience and competence in litigating post-conviction claims of innocence and which devote at least one full-time employee to the screening and/or representation of post-conviction innocence claims. Multiple awards will be made of up to $250,000 each for a 12 to 24 month project period.


HEALTH and MENTAL HEALTH

• U.S. Department of Defense; Assistant Secretary of Defense for Health Affairs, Defense Health Program: DoD Clinical and Rehabilitative Medicine Assistive Technologies Research Award

Notice seeking applications for research focused on novel technologies with the potential to have a major impact on the restoration of vision, hearing, and/or balance following traumatic injuries. Studies can range from proof of concept (i.e. first in human) trials through Phase II clinical trials, as well as Class I, II, or III medical device trials/testing. The specific focus area of this award is on restorative and rehabilitative assistive technologies for sensory substitution/augmentation of vision, hearing, and/or balance. Studies involving drugs or biologics are not allowed. All studies must be responsive to the health care needs of military Service Members and Veterans, and all applications must specifically and clearly address the military relevance of the proposed research. Pre-applications are required and due January 8, 2013. Applications are due March 13, 2013. Approximately $6 million is available to support three awards.


• U.S. Department of Health and Human Services; Centers for Disease Control and Prevention; National Center on Birth Defects and Developmental Disabilities: Birth Defects Study To Evaluate Pregnancy exposure5 (BD-STEPS)

Notice seeking applications to identify modifiable maternal exposures in early pregnancy that may increase the risk for certain major, structural birth defects. Letters of intent are requested and due by January 8, 2013. Applications are due February 1, 2013. Approximately $26 million is available to support six to nine awards.


• U.S. Department of Health and Human Services; Health Resources & Services Administration: Nurse Faculty Loan Program (NFLP)

Notice seeking applications to provide funding to schools of nursing to support the establishment and operation of a distinct, interest-bearing NFLP loan fund. Applications are due January 10, 2013. Approximately $24 million is available to support 110 awards. Eligible applicants are accredited schools of nursing or a department within the institution, such as a Graduate School of Arts and Sciences that offers an eligible advanced nursing education program yielding a graduate degree in nursing.

**U.S. Department of Health and Human Services; Health Resources & Services Administration:** National Center for Health Insurance and Financing for Children and Youth with Special Health Care Needs

Notice seeking applications to establish a National Center for Health Insurance and Financing for Children and Youth with Special Health Care Needs. The National Center will collaborate with national, state and community stakeholders to develop and spread innovative strategies and policies to facilitate access to health insurance and other financial services to provide needed health and health-related services for children and youth with special health care needs. Applications are due February 8, 2013. Approximately $475,000 is available for one award.


**U.S. Department of Health and Human Services; National Institutes of Health; National Heart, Lung, and Blood Institute:** Evaluation of Multi-omic Data in Understanding the Human Microbiomes Role in Health and Disease (US4)

Notice seeking applications for projects that will: 1. generate microbiome taxonomic, metagenomic and functional data from clinical biospecimens obtained from a cohort(s) of carefully-phenotyped subjects with a specific disease or health state; and 2. combine the microbiome and host data to produce a community resource. Letters of intent are requested and due January 8, 2013. Applications are due February 8, 2013. Approximately $5 million is available to support one to two awards.


**U.S. Department of Health and Human Services; National Institutes of Health; National Human Genome Research Institute:** Coordinating Center for an Undiagnosed Diseases Network (UDN) (U01)

Notice seeking applications to establish a Coordinating Center for a planned Undiagnosed Diseases Network (UDN) of new Clinical Sites added to and building upon the NIH Intramural Research Program's Undiagnosed Diseases Program (IRP-UDP). The Center's goal should be to provide improved patient access to state-of-the-art diagnostic methods, by expanding the available expertise and facilities serving patients with these unusual disorders and to accelerate discovery and innovation in diagnosing and treating these patients. Letters of intent are requested and due January 2, 2013. Applications are due February 1, 2013. Approximately $1.5 million is available to support one award.


**U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Diabetes and Digestive and Kidney Diseases:** Stimulating Hematology Investigation: New Endeavors (SHINE) (R01)

Notice seeking applications in specific areas of basic and translational hematology research where needs and opportunities for progress are particularly timely. Specific research topic areas supported by the SHINE program include: Regulatory Determinants of Hematopoietic Stem Cell Fate; Stress Erythropoiesis; Biology and Pathophysiology of Myelodysplastic Syndromes (MDS); Ribosomes and Their Role in Disease; Heme Regulation during Erythropoiesis; Anemia of Inflammation and of Chronic Disease; Iron Overload Topic areas will change over time and be updated annually. Letters of intent are requested and due 30 days before the application due date. Applications are due February 5, June 5, and October 5 annually. Approximately $1 million is available to support two to four awards in FY 2013.


**U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Diabetes and Digestive and Kidney Diseases; Office of Research on Women's Health:** Urologic Chronic Pelvic Pain Syndrome (UCPPS) Research (R01)

Notice seeking applications to seek innovative research proposals that improve our understanding of etiology, pathology, natural history, and risk factors for urologic chronic pelvic pain syndromes (UCPPS), traditionally referred to as Interstitial Cystitis/Painful Bladder Syndrome (IC/PBS) and Chronic Prostatitis/Chronic Pelvic Pain Syndrome (CP/CPPS). Letters of intent are requested and due January 27, 2013. Applications are due February 5, 2013. Approximately $2.5 million is available to support 8 to 10 awards.


**U.S. Department of Health and Human Services; National Institutes of Health; National Institute of General Medical Sciences:** Technology Development for Protein Modeling (R01)

Notice seeking applications that propose to develop novel technologies that will significantly improve the accuracy of comparative modeling methods for protein structure prediction. Applications should focus on one of the following two goals: 1) Near-Crystal-Structure Quality for Close Homologs of Known Structures; 2) High-Accuracy Models for Remote Homologs of Known Structures. Applications are due February 5, June 5, and October 5 annually. Program expires January 8, 2016.

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December 10, 2012

- **U.S. Department of Health and Human Services; National Institutes of Health; National Institute of General Medical Sciences:** Technology Development for High-Throughput Structural Biology Research (R01)

Notice seeking applications that propose to develop novel technologies and methodologies underpinning high-throughput structural biology. Applications for new ideas and approaches for protein production and structure determination for classes of challenging proteins are appropriate. Projects related to high-throughput structure determination by X-ray crystallography and NMR, as well as projects addressing other constituent tasks of structural biology, including structural genomics, are relevant as well. Applications should focus on methods development to solve challenging proteins that are not currently amenable to high-throughput structural biology. These challenging proteins include, but are not limited to, membrane proteins, small protein complexes, and proteins from human and other higher eukaryotes. Applications are due February 5, June 5, and October 5 annually. Program expires January 8, 2016.


**SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS**

- **National Aeronautics and Space Administration:** NASA Advisory Council; Science Committee; Planetary Protection Subcommittee Meeting

Notice of a meeting to solicit from the scientific community and other person's scientific and technical information relevant to program planning. The meeting will be held on December 19, 2012, 9:00 a.m. to 4:30 p.m., and December 20, 2012, 8:30 a.m. to 3:00 p.m. (ET) at NASA Headquarters, 300 E Street S.W., Room 7H45 and 9H40, Washington, D.C.

*Links:* [Federal Register notice](http://www.gpo.gov/fdsys/pkg/FR-2012-12-03/html/2012-29119.htm)

- **National Science Foundation; Multiple Directorates:** Research Coordination Networks

Notice seeking proposals to advance a field or create new directions in research or education by supporting groups of investigators to communicate and coordinate their research, training and educational activities across disciplinary, organizational, geographic and international boundaries. Proposals for the RCN SEES Track are due on March 4, 2013. Proposals for the RCN UBE & UBE incubator Track are due June 14, 2013. Approximately up to $17.5 million is available to support 15 to 25 awards. General (non-targeted) RCN proposals should be submitted to a participating program (refer to the specific program website for submission dates). Principal Investigators are encouraged to discuss suitability of an RCN topic before applying.


- **U.S. Department of Agriculture; National Institute of Food and Agriculture:** Agriculture and Food Research Initiative (AFRI): NIFA Fellowships Grant Program

Notice soliciting proposals to provide fellowships to outstanding pre- and postdoctoral students in the food and agricultural sciences. Proposals should be focused on developing technical and functional competence for predoctoral students and the research independence and teaching credentials of postdoctoral students in agriculture, forestry, and food sciences through well-developed and highly interactive mentoring and training activities. Letters of intent are required and due by January 3, 2013. Applications are due March 7, 2013. Approximately $6 million is available.


- **U.S. Department of Commerce; National Institute of Standards and Technology:** Notice of Public Workshop: Blueprint for Action: Workshop on the Design of the National Network for Manufacturing Innovation (NNMI)

Notice announcing the first workshop in a new series of public workshops entitled "Blueprint for Action: Workshop on the Design of the National Network for Manufacturing Innovation (NNMI)." The first workshop will focus on an update on the NNMI program proposed by the President; a review of the public comments received by the AMNPO in response to the May 4, 2012 Request for Information (RFI) on the proposed NNMI; a review of the proposed NNMI design and discussion of that design; and anticipated next steps. AMNPO partner agencies include Department of Commerce, NIST, Department of Defense, Department of Education, Department of Energy's Advanced Manufacturing Office, Department of Labor, National Aeronautics and Space Administration (NASA), and National Science Foundation. Register in advance online through the event Web site: [http://www.manufaturing.gov/event_011613.html](http://www.manufaturing.gov/event_011613.html). Space is limited. Registration will be on a first-come, first-served basis, with no more than four representatives from the same organization accepted. The workshop will be held on Wednesday, January 16, 2013 from 8:30 a.m. until approximately 5:00 p.m. at the U.S. Space and Rocket Center, Davidson Center for Space Exploration, One Tranquility Base, Huntsville, Alabama 35805 (1-800-637-7223).


- **U.S. Department of Commerce; National Oceanic and Atmospheric Administration; National Marine Fisheries Service:** NOAA Great Lakes Habitat Restoration Regional Partnership Grants

Notice seeking applications to support Partnerships that will implement on-the-ground projects to restore Great Lakes coastal habitat in US areas of concern. Partnerships should offer significant ecological and societal benefits; demonstrate sound science support for restoration; demonstrate effective ability to manage funds and provide accountability. Partnerships to support projects dealing only with water quality improvement measures are not eligible. Applications are due January 15, 2013. Approximately $10 million is available in FY 2013.

• U.S. Department of Defense; Defense Advanced Research Projects Agency - Microsystems Technology Office: Young Faculty Award

Notice seeking proposals for ground-breaking single-investigator proposals from junior faculty at universities and their equivalent at non-profit research institutions for research and development in the specific areas of Science, Mathematics and Engineering of interest to DARPA's Microsystems Technology Office (MTO) and Defense Sciences Office (DSO). Proposals are due January 21, 2013. Multiple awards are anticipated.


• U.S. Department of Defense; Department of the Navy; Naval Supply Systems Command: FY13 Funding Opportunity for the National Consortium for Measurement and Signature Intelligence (MASINT) Research Program

Notice seeking proposals to discover new, innovative technologies that potentially provide new sources of information, or intelligence about the above listed threats. The program will focus research grants towards this discovery process in order to gain insight to new possibilities that will enhance our future MASINT intelligence collection and analysis capabilities. White papers are due January 4, 2013. Proposals are due February 27, 2013. Approximately $2.0 million per year is available. Funding per project selected is limited to $155,000. This amount includes $5,000 per award will be set aside for providing a stipend to undergraduate students participating in the project. Eligibility is unrestricted.


• U.S. Department of Defense; Department of the Navy; Naval Surface Warfare Center Crane Division: Undergraduate Research - Radiation Intensity Measurements and Computations for Turbulent Combustion Applications

Notice seeking proposals for the development of novel solutions/concepts to the areas of Radiation Intensity Measurements and Computations for Turbulent Combustion Applications. Example problems include: (1) fundamental studies of turbulent jet diffusion flames, (2) fire structure interaction studies using impinging turbulent buoyant diffusion flames, (3) multiphase flow and radiation effects in unsteady turbulent jet spray flames with high liquid loading, (4) combustion instabilities in bluff body stabilized turbulent premixed flames, (5) high speed exhaust plumes from gas turbine and pulsed detonation combustors, and (6) fundamental studies of bluff body stabilized laminar diffusion flames. Proposals are due December 31, 2012. One award is anticipated. Eligibility is unrestricted.


• U.S. Department of Defense; Department of the Navy; Office of Naval Research: Special Program Announcement for 2013: Basic Research Challenges in the Science of Autonomy

Notice seeking white papers and eventually proposals in five new areas: Understanding Satisficing in Human, Animal, and Engineered Autonomous Systems for Fast Decision-making with Limited Data; Semantic and Visual Representation of Autonomous System Perceptual Data for Effective Human/Machine Collaboration; Mental Simulation as a Unifying Framework for Perception, Cognition and Control in Autonomous Systems and Dexterous Robots; Structured Machine Learning for Scene Understanding; and Integrated Autonomy for Long Duration Operations. White papers are highly encouraged and due February 1, 2013. Proposals are due by March 18, 2013. Approximately $5.2 million is available in funding. ONR will consider awards to single investigators, but the preference is for collaborative groups that have a history of innovative research across multiple scientific and engineering disciplines.


• U.S. Department of Defense; Department of the Navy; Office of Naval Research: Special Program Announcement for the Office of Naval Research Research Opportunity: Text Analytics for Data to Decisions (D2D)

Notice seeking proposals that provide contextual understanding, event prediction, as well as machine translation and processing efforts that improve mission effectiveness in time-constrained and data-intensive environments. Proposals are due January 15, 2013. Proposals received after the deadline will be considered as time and availability of funding permit. ONR anticipates that both grants and contracts will be issued.


• U.S. Department of Defense; Missile Defense Agency: Missile Defense Agency STEM Outreach B.E.S.T. Robotics Grant

Notice seeking proposals to allow new, novice, and veteran official BEST Robotics Local Competition Hubs the opportunity to obtain financial support for purchasing new team robotic kits. The additional robotics kits increases the number of competing teams and advances the awareness of and engagement in STEM with K-12 populations. Proposals are due January 18, 2013.

Weekly Funding Opportunities

- **U.S. Department of Energy; National Energy Technology Laboratory**: Building Community and Capacity for Data-Intensive Research in the Social, Behavioral, and Economic Sciences and in Education and Human Resources

Notice seeking applications that support the Vehicles Technology Program's (VTP) goal to develop technologies that enable cars and trucks to become highly efficient through affordable and improved drivetrain, lightweight technologies, and cleaner domestic fuels. Applications are due January 31, 2013. Approximately up to $62.5 million is available to support one award over five years. This solicitation is intended primarily for industry; participation by other organizations, including universities, is permitted but not required.


- **U.S. Department of Energy; National Energy Technology Laboratory; Office of Electricity Delivery and Energy Reliability**: Academia-Industry Collaboration (AIC)-Synchrophasor Engineering Education Program

Notice seeking applications to provide access to synchrophasor data and the opportunity to collaborate with other stakeholders that would augment graduate and undergraduate engineering education in the areas of process simulation, dynamics, control, and safety. Applications are due January 15, 2013. Approximately $1.1 million is available to support five to eight awards.

**Links**: Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=209153


Notice seeking information regarding strategies for encouraging utility-scale solar energy developers to pursue development that mitigates the potential adverse environmental effects of development. Additionally, this RFI seeks information on how to best determine suitable lands for solar development, while reducing inefficiencies and excessive costs in the policy, regulatory, and permitting processes. Responses are due January 15, 2013.

**Links**: Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=209713

- **U.S. Department of Energy; Office of Nuclear Energy**: Nuclear Energy University Programs - Fellowship and Scholarship

Notice seeking applications for fellowships and scholarships, focused on two-year, four-year, and graduate programs in science and engineering disciplines related to nuclear energy, such as Nuclear Engineering, Mechanical Engineering, Electrical Engineering, Chemistry, Health Physics, Nuclear Materials Science, Radiochemistry, Applied Nuclear Physics, Nuclear Policy, Radiation Protection Technology, Nuclear Power Technology, Nuclear Maintenance Technology, and Nuclear Engineering Technology. Applications will be accepted on a continuing basis until November 30, 2015.

**Links**: Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=209433

- **U.S. Department of the Interior; Bureau of Land Management**: Special Program Announcement for 2013 Office of Naval Research Research Opportunity: Free Space Optical Quantum Key Distribution

Notice seeking applications to connect a diverse pool of youth to multiple use land management through environmental education, project-based work experience, and recruitment and retention programs. Applications are due January 31, 2013, February 28, 2013, March 30, 2013, April 30, 2013, May 31, 2013, and June 30, 2013. Approximately $300,000 is available to support 25 awards.

**Links**: Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=209634

- **U.S. Department of the Interior; U.S. Fish & Wildlife Service**: Fiscal Year 2013 Candidate Conservation Action Funds

Notice seeking applications to accomplish high priority conservation tasks for high priority, FWS-managed, candidate and at-risk species in the United States (based on our annual Candidate Species Assessments), such that known threats to the species may be reduced or eliminated. Projects for NMFS-managed species are not included in this funding opportunity. Applications are due July 31, 2013. Funding may not be available every year in each Regional or Field Office. Applicants are expected to have demonstrated knowledge and understanding of the biology of the involved endangered or threatened species and their ecosystem.

**Links**: Grants.gov notice http://www07.grants.gov/search/search.do?mode=VIEW&oppId=209893

- **U.S. Department of the Interior; U.S. Fish & Wildlife Service**: Fiscal Year 2013 Recovery Implementation Fund

Notice seeking applications to accomplish high priority recovery tasks for high priority, FWS-managed, endangered and threatened species in the United States (based on our Species Recovery Priority System and Recovery Task Priority System), such that known threats to the species may be reduced or eliminated. Applications are due July 31, 2013. Funding may not be available every year in each Regional or Field Office. Applicants are expected to have demonstrated knowledge and understanding of the biology of the involved endangered or threatened species and their ecosystem.

**Links**: Grants.gov notice http://www07.grants.gov/search/search.do?mode=VIEW&oppId=209874