ARTS, HUMANITIES AND INTERNATIONAL

• Corporation for National and Community Service: Senior Corps

Draft notice seeking proposals in FY 13 that support volunteers 55 years and older serving in a diverse range of activities that meet specific local and community needs and respond to National Performance Measures. Funding opportunities are available in 264 specific geographic regions in 41 states across the country. See http://www.seniorcorps.gov/pdf/12_0802_appendix_a_part1.pdf for the list of geographic areas where funding is available. Letters of intent are requested but not required by September 10, 2012. Applications are due by October 11, 2012. A technical assistance call will take place on August 28, 2012. The call-in number is 888/323-9808 (Passcode: 3227762). A replay will be available at 800/513-1167 (Passcode: 7404) through October 12, 2012. Colleges and university programs that involve volunteers may be eligible to apply.


• National Aeronautic and Space Administration; Science Mission Directorate: ROSES: Terrestrial Ecology

Notice seeking proposals for the following types of research investigations: (1) Data set development in support of arctic-boreal ecosystem vulnerability research to be conducted in a future Terrestrial Ecology Program-sponsored field campaign; (2)Data set development to meet priority needs of the NASA terrestrial ecological community; (3) Successor studies in the areas of remote sensing science and remote sensing methods development that offer to significantly advance the results of prior NASA Terrestrial Ecology research. Step-1 proposals are due September 18, 2012, and Step-2 proposals are due January 8, 2013. Approximately $1.5 million is available for seven to twelve awards. Colleges and universities are eligible to apply.


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

Notice seeking applications for the translation of specific works of prose, poetry, or drama from other languages into English. All proposed projects must be for creative translations of literary material. The work to be translated should be of interest for its literary excellence and value. Priority will be given to projects that involve work that has not previously been translated into English. Applications are due January 3, 2013. Grants are for $12,500 or $25,000. Award amounts are determined by the NEA. Individual translators are listed below are eligible to apply.

Links: Solicitation http://www.arts.gov/grants/apply/LitTranslation/index.html; Grants.gov notice http://www.grants.gov/search/search.do;jsessionid=rMg1Qn1S2sdtyxplnTrx6GRyLyQnwBjZznvIVng12chshLpC2Dj73790769?oppId=192833&mode=VIEW

• National Science Foundation; Directorate for Education & Human Resources; Research on Learning in Formal and Informal Settings: Innovative Technology Experiences for Students and Teachers

Notice seeking proposals to support the research and development of innovative models for engaging K-12 students in authentic experiences that build their capacity to participate in the science, technology, engineering, and mathematics and information and communications technology workforce of the future. ITEST projects must include students and may include teachers. Letters of intent are required and due September 20, 2012. Full proposals are due November 13, 2012. Approximately $20 million is available to support 15 to 20 awards. Colleges and universities are eligible to apply.


• National Science Foundation; Directorate for Engineering: Electronics, Photonics, and Magnetic Devices

Notice seeking proposals to improve the fundamental understanding of devices and components based on the principles of micro- and nanoelectronics, photonics, magnetics, optoelectronics, electromechanics, electromagnetics, and related physical phenomena. The full proposal window is October 1, 2012 - November 1, 2012 and October 1 - November 1, annually thereafter. REU/RET Supplements are due by April 1, 2013, and April 1 thereafter. Colleges and universities are eligible to apply.

• National Science Foundation; Directorate for Engineering: Energy, Power, and Adaptive Systems

Notice seeking proposals that invest in the design and analysis of intelligent and adaptive engineering networks, including sensing, imaging, controls, and computational technologies for a variety of application domains. The proposal window is October 1, 2012 - November 1, 2012 and October 1 - November 1, annually thereafter. REU/RET Supplements are due by April 1, 2013, and April 1 thereafter. Colleges and universities are eligible to apply.


• National Science Foundation; Directorate for Engineering; Division of Electrical, Communication, and Cyber Systems: Communications, Circuits, and Sensing-Systems

Notice seeking proposals to support systems research in hardware, signal processing techniques, and architectures to enable the next generation of cyber systems that leverage computation, communication, and algorithms integrated with physical domains. The proposal window is October 1 to November 1, 2012 and October 1 to November 1 annually thereafter. REU/RET Supplements are due by April 1, 2013, and April 1 thereafter. Colleges and universities are eligible to apply.


• National Science Foundation; Directorate for Geosciences; Division of Earth Sciences: Geophysics

Notice seeking proposals to support basic research in the physics of the solid earth to explore its composition, structure, and processes from the Earth's surface to its deepest interior. Laboratory, field, theoretical, and computational studies are supported. Topics include seismicity, seismic wave propagation, and the nature and occurrence of geophysical hazards; the Earth's magnetic, gravity, and electrical fields; the Earth's thermal structure; and geodynamics. Proposals are due December 5, 2012 (and the first Wednesday in December, annually thereafter) and June 5, 2013 (and the first Wednesday in June, annually thereafter). Approximately $15.9 million is available annually for 70 to 80 awards. Colleges and universities are eligible to apply.


• National Science Foundation; Multiple Directorates: Graduate Research Fellowship Program

Notice seeking applications to help ensure the vitality and diversity of the scientific and engineering workforce in the United States. The program recognizes and supports outstanding graduate students who are pursuing research-based master's and doctoral degrees in fields within NSF's mission. The GRFP provides three years of support for the graduate education of individuals who have demonstrated their potential for significant achievements in science and engineering research. Applications are due November 13, 2012 for Engineering, Computer and Information Sciences and Engineering, and Materials Research. Applications are due November 14, 2012 for Mathematical Sciences, Chemistry, and Physics and Astronomy. Applications are due November 16, 2012 for Social Sciences, Psychology, and STEM Education and Learning. Applications are due November 19, 2012 for Life Sciences and Geosciences. NSF expects to award 2,000 Graduate Research Fellowships. Confirmation of acceptance in an NSF-approved graduate degree program is required at the time of Fellowship acceptance, by May 1, 2013. Fellowship applications must be submitted by the prospective Fellow.


• National Science Foundation; Multiple Directorates: Ocean Acidification

Notice seeking proposals for basic research concerning the nature, extent and impact of ocean acidification on oceanic environments in the past, present and future. Full proposals are due December 4, 2012. Approximately $11 million is available to support 10-15 awards. LIMITED SUBMISSION: One application per investigator is allowed.


Notice seeking proposals to provide meaningful watershed educational experiences for students and related professional development for teachers, and help to support regional education and environmental priorities in New England (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut). Proposals are due October 22, 2012. Approximately $300,000 is available to support four to eight new awards. A 25% or higher award match is strongly encouraged. While applicants do not need to be located in the targeted geographical region specified, they do need to focus the work proposed to be conducted under the award on target audiences in this geographical region in order to be a qualified applicant.

Links: Grants.gov notice http://www.grants.gov/search/search.do;jsessionid=yIdrQrhNmXP0L8ZqBsp2WLysVQGhYbQpzTpjhwLVL7I2Pc4sMrvQzl-2322919247?oppId=192053&mode=VIEW
• **U.S. Department of Commerce; United States Patent and Trademark Office:** Notice of Roundtable on the Implementation of the First Inventor to File Provisions of the Leahy-Smith America Invents Act

Notice of public meeting to obtain public input from organizations and individuals on issues relating to the USPTO's proposed implementation of the first-inventor-to-file provisions of the AIA. The USPTO plans to invite a number of roundtable participants from among patent user groups, practitioners, industry, independent inventor organizations, academia, and government. The roundtable will be held on Thursday, September 6, 2012, from 1:30 p.m. to 4:30 p.m. at the USPTO in the Madison Auditorium on the concourse level of the Madison Building, 600 Dulaney Street, Alexandria, Virginia 22314.

**Links:** Federal Register notice http://www.gpo.gov/fdsys/pkg/FR-2012-08-16/html/2012-20329.htm

• **U.S. Department of Defense; Defense Advanced Research Projects Agency; Microsystems Technology Office:** Unconventional Processing of Signals for Intelligent Data Exploitation (UPSIDE)

Notice seeking proposals that approach compute-intensive data analysis by using unconventional computation and data representations mapped to emerging new device technologies. By computing high level functions directly using the physics of the devices, one can expect orders of magnitude improvements in the power efficiency of these computations. Target applications include image sensor data analysis. Proposals are due October 12, 2012. Multiple awards anticipated. Eligibility is unrestricted.

**Links:** FBO notice https://www.fbo.gov/index?s=opportunity&mode=form&id=2350e6d441b35f64e350edcd2711a19ec&tab=core&_view=0; Grants.gov notice http://www.grants.gov/search/search.do?jsessionid=yrdQrhNmXP0L6ZqBsp2WLYsVQGHyBqzTpJhWL7t2PC4sMnvQz!-232291924?oppId=192195&mode=VIEW

• **U.S. Department of Defense; Department of the Navy; Office of Naval Research:** Fiscal Year (FY) 2013 Department of Defense Multidisciplinary Research Program of the University Research Initiative

Notice seeking proposals for basic research in science and engineering that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline collaborates to provide rapid advances in scientific areas of interest to the DoD. It includes all scientific study and experimentation directed toward increasing fundamental knowledge and understanding in those fields of the physical, engineering, environmental, and life sciences related to long-term national security needs. White papers are highly encouraged (but not required) by October 9, 2012. Proposals are due December 10, 2012. Approximately $250 million is available to support approximately 100 awards. U.S. colleges and universities which award degrees in science and/or engineering are the only eligible applicants.


• **U.S. Department of Defense; Department of the Navy; Office of Naval Research:** Minerva Research Initiative

Notice seeking proposals to increase the Department's intellectual capital in the social sciences and improve its ability to address future challenges and build bridges between the Department and the social science community. White papers and full proposals are solicited which address the following topics (1) Belief Formation and Movements for Change;(1-A) Belief formation and influence;(1-B) Group identities and cultural norms;(1-C) Movements for change;(1-D) Collaboration and competition between violent groups;(2) Models of Societal Resilience and Change;(2-A) Economic factors;(2-B) Energy, environment, and resource factors;(2-C) Other factors impacting societal stability and change;(3) Theories of Power and Deterrence;(3-A) The role of the state in a globalized world;(3-B) Cyber norms and governance. Highly encouraged (but not required) white papers are due September 30, 2012. Full proposals are due December 12, 2012. Approximately $24 million is available over three years for an estimate 15 awards. Colleges and universities are eligible to apply.


• **U.S. Department of Education; Office of the Deputy Secretary:** Race to the Top - District

Notice seeking applications to build on the momentum of other Race to the Top competitions by encouraging bold, innovative reform at the local level. The Race to the Top—District competition is aimed squarely at classrooms and the all-important relationship between educators and students. This notice invites applicants to demonstrate how they can personalize education for all students in their schools. Notice of intent to apply is optional and due August 30, 2012. Applications are due October 30, 2012. Approximately $383 million is available for fifteen to twenty-five awards. Partnership opportunities may exist for colleges and universities.


• **U.S. Department of Health and Human Services; Centers for Disease Control and Prevention; National Center for Health Statistics:** Board of Scientific Counselors, National Center for Health Statistics

Notice of a public meeting of the National Board of Scientific Counselors. The agenda will include welcome remarks by the Director, NCHS; update on the National survey of Family Growth; the initiation of the review of the Office of Research and Methodology; a discussion of the NHANES genetics program and an open session for comments from the public. The meeting will take place 11:00 am-5:30 pm, September 13, 2012 and 8:30 am-1:00 pm, September 14, 2012 at NCHS Headquarters, 3311 Toledo Road, Hyattsville, Maryland 20782.

**Links:** Federal Register http://www.gpo.gov/fdsys/pkg/FR-2012-08-14/html/2012-19886.htm
**Weekly Funding Opportunities August 20, 2012**

- **U.S. Department of Health and Human Services; Food and Drug Administration:** Regulatory New Drug Review: Solutions for Study Data Exchange Standards

  Notice of meeting entitled “Regulatory New Drug Review: Solutions for Study Data Exchange Standards” the purpose of which is to solicit input from industry, technology vendors, and other members of the public regarding the advantages and disadvantages of current and emerging open, consensus-based standards for the exchange of regulated study data. FDA also seeks input from stakeholders and other members of the public on this topic and a set of premeeting questions. The meeting will be held on November 5, 2012, from 10 am to 4 pm at FDA White Oak Campus, 10903 New Hampshire Ave., Building 31 Conference Center, Room 1503, Silver Spring, MD 20993-0002.


- **U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Diabetes and Digestive and Kidney Diseases:** Ancillary Studies to Major Ongoing Clinical Research Studies to Advance Areas of Scientific Interest within the Mission of the NIDDK (R01)

  Notice seeking applications to conduct ancillary studies to major ongoing research studies, including clinical trials, epidemiological studies and disease databases (described as parent studies) supported by the National Institute of Diabetes and Digestive and Kidney Diseases, other Institutes and Centers of the National Institutes of Health, other government agencies and the private sector. Applications are due October 5, February 5, and June 5 annually until September 8, 2015. Colleges and universities are eligible to apply.


- **U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Aging:** Molecular Mechanisms of Circadian Clocks in Aging Tissues (R01)

  Notice seeking applications to enhance the understanding of the molecular mechanisms that control circadian clocks in aging tissues. This FOA encourages studies on the roles of peripheral and extra suprachiasmatic nucleus (SCN) circadian clocks during aging. These studies include understanding the impact of alterations in the clock system on chromatin remodeling, gene expression, translation, signaling, and function of individual cells. Letters of intent are requested and due October 5, 2012. Applications are due November 7, 2012. Approximately $1.5 million is available to support five to six awards. Colleges and universities are eligible to apply.


- **U.S. Department of State; Bureau for International Narcotics and Law Enforcement Affairs:** Criminal Trial Observation Program for Afghanistan

  Notice seeking sustainable, technically sound approaches to observe criminal trials and obtain reliable information on criminal justice practices in Afghanistan that will ultimately inform and encourage ongoing efforts to improve fair-trial standards and support reform of the justice system. The applicant should be able to demonstrate a firm understanding of Afghan law (current and pending) as well as the obstacles impeding the efficient and fair functioning of Afghanistan's criminal justice system and the administration of justice in Afghanistan generally. Applications are due September 12, 2012. Up to $1.7 million is available for one award. Colleges and universities are eligible to apply. Applicant institutions with previous project or exchange experience in Afghanistan are preferred.

  Links: Grants.gov notice http://www.grants.gov/search/search.do;jsessionid=GQ3BQnpD1PF68PqqF5HvZb1wnSXkmRWdZLPpM7cyZMtq1pJ8LzKJV117631774537?oppId=191954&mode=VIEW

- **U.S. Department of State; Bureau Of Educational and Cultural Affairs, Office of Academic Exchange Programs:** Summer Institutes for European Student Leaders

  Notice seeking proposals for the design and implementation of either a Summer Institute on Environmental Stewardship or the Summer Institute on Social Entrepreneurship. Programs will take place at U.S. academic institutions and provide groups of undergraduate students or recent high school graduates from selected countries in Europe with in-depth seminars that explore American history, government, society, and culture through the lens of the institutes particular theme while assisting in the development of leadership skills. Applications are due October 4, 2012. Approximately $1.2 million is available to support two awards. U.S. colleges and universities are eligible to apply. Organizations with less than four years experience in conducting international exchanges are ineligible to apply under this competition. LIMITED SUBMISSION: Only one application per institution is allowed.


- **U.S. Department of State; Bureau of South and Central Asian Affairs:** Digitization of the Pakistan Broadcasting Corporation Archives

  Notice seeking applications to assist in the conversion of selected analog recordings of the Pakistan Broadcasting Corporation into digital format, and provide for long-term preservation and end-user access. The Digital Archive project encompasses planning, implementation, and staff training for the conversion of selected analog recordings into digital format and provides for long-term preservation and end-user access. Applications are due September 14, 2012. Approximately $500,000 is available to support one award. Colleges and universities are eligible to apply.

**U.S. Department of State; U.S. Mission to Tunisia: University Partnership**

Notice seeking applications from U.S. academic institutions to engage with the Tunisian Diplomatic institute in the development of a special curriculum to support on-going reforms in matter of capacity building to the benefit of Tunisian diplomats. In light of new trends and practices in diplomacy and skills required by the diplomatic profession, new knowledge is needed in fields such as Public Diplomacy, PR & Media Relations, Economic Diplomacy, Analysis and Prospective of Current International Affairs, Crisis Management, and interpersonal development. Applications are due September 17, 2012. Approximately $350,000 is available for awards. Colleges and universities are the only eligible applicants. Applicant institutions with previous project or exchange experience in Tunisia and/or in North Africa are preferred.

**Links:** Grants.gov notice http://www07.grants.gov/search/search.do;jsessionid=hhg2QtdQb2q4m1dm8ZM7hJ2Ow3gYTIXPc6CTLZ92p1Mnpnxv7V6DRHl-522510686?oppId=192334&mode=VIEW

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**HEALTH and MENTAL HEALTH**

**U.S. Department of Defense; Department of the Army; U.S. Army Medical Research Acquisition Activity:** DoD Traumatic Brain Injury Research Award

Notice seeking proposals to encourage research efforts focused on knowledge gathering and geared toward solving specific questions. Pre-applications are required and due September 21, 2012. Applications are due November 26, 2012. Approximately up to $4.8 million is available to support five awards. Colleges and universities are eligible to apply.

**Links:** Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=191293

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**U.S. Department of Health and Human Services; Food and Drug Administration:** Draft Guidance for Industry and Food and Drug Administration Staff; Refuse To Accept Policy for 510(k)s; Availability

Notice of the availability of a draft guidance titled, "Refuse To Accept Policy for 510(k)s." The purpose of this document is to explain the procedures and criteria FDA intends to use in determining whether a premarket notification (510(k)) submission is administratively complete, which determines whether it should be accepted for substantive review. Comments on the draft are due by September 27, 2012.

**Links:** Federal Register http://www.gpo.gov/fdsys/pkg/FR-2012-08-13/html/2012-19744.htm

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**U.S. Department of Health and Human Services; Food and Drug Administration:** Division of Cardiovascular Devices 30-Day Notices and Annual Reports; Public Workshop; Request for Comments

Notice announcing an open public workshop on cardiovascular devices to discuss details of, and issues relating to, two types of reporting requirements applicable to premarket approval applications, 30-day notices and annual reports, specifically for cardiovascular devices. The meeting will be held on August 28, 2012, from 8am-5pm, at FDA's White Oak Campus, 10903 New Hampshire Ave., Bldg. 31 Conference Center, Room 1503, Silver Spring, MD. The workshop will also be webcast. Persons interested in viewing the webcast must register online by August 17, 2012. Early registration is recommended because webcast connections are limited. Organizations are requested to register all participants, but to view using one connection per location.

**Links:** Federal Register http://www.gpo.gov/fdsys/pkg/FR-2012-08-13/html/2012-19747.htm

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**U.S. Department of Health and Human Services; National Institutes of Health; National Eye Institute:** Announcement of Requirements and Registration for the Challenge To Identify Audacious Goals in Vision Research and Blindness Rehabilitation

Notice announcing the launch of the Challenge To Identify Audacious Goals in Vision Research and Blindness Rehabilitation to stimulate innovation in establishing a national vision research agenda. Proposals are due November 12, 2012. NEI will select up to 20 winners to receive a $3,000 cash prize and will host the winners at the NEI Audacious Goals Development Meeting to present and discuss their winning entries with a broad audience of scientists, NEI staff, and other stakeholders. Colleges and universities are eligible to apply.

**Links:** Federal Register http://www.gpo.gov/fdsys/pkg/FR-2012-08-13/html/2012-19801.htm

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**U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Mental Health:** NIMH Mentoring Networks for Mental Health Research Education (R25)

Notice seeking applications that propose to develop, implement and evaluate creative, innovative, and state-of-the-art mentoring networks that will facilitate the development of a skilled cadre of investigators in requisite scientific mental health research areas. Applications must propose mentoring networks for individuals who are graduate/medical students, medical residents, postdoctoral participants, and/or early-career faculty. Networks may be national, regional or local; and should provide significant new opportunities, and comprise efforts substantially beyond any ongoing mentoring, networking or research education within academic programs, institutions, or pre-existing networks or educational collaborations among institutions. Letters of intent are requested and due 30 days before the application due date. Applications are due September 25, 2012, September 25, 2013, and September 25, 2014. Colleges and universities are eligible to apply.

• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Mental Health: NIMH Research Education Programs Supporting Psychiatric Residents (R25)

Notice seeking applications that propose innovative research education programs to stimulate and develop the interest and ability of psychiatric residents to conduct research. Applications may support research-oriented didactics, part-time research experiences, and other research education activities. Letters of intent are requested and due 30 days before the application due date. Applications are due September 25, 2012, September 25, 2013, and September 25, 2014. Colleges and universities are eligible to apply.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Mental Health: NIMH Short Courses for Mental Health-Related Research Education (R25)

Notice seeking Research Education Grant applications that propose to develop, implement and evaluate creative, innovative, and state-of-the-art short courses that will facilitate the development of a sophisticated cadre of investigators with the requisite scientific research skills to advance the mission of the NIMH, namely to transform the understanding and treatment of mental illnesses through research. Each short course is expected to include both didactic and hands-on experiences. Participants are limited to graduate/medical students, medical residents, postdoctoral scholars, and/or early-career faculty. Letters of intent are requested and due 30 days before the application due date. Applications are due September 25, 2012, September 25, 2013, and September 25, 2014. Colleges and universities are eligible to apply.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Deafness and Other Communication Disorders: National Institute on Deafness and Other Communication Disorders Advisory Council

Notice announcing a public meeting of the National Deafness and Other Communication Disorders Advisory Council meeting to discuss staff reports on divisional, programmatic, and special activities. The open part of the meeting will be held on September 7, 2012, from 10:40 a.m. to 1:45 p.m., at National Institutes of Health, Building 31, 31 Center Drive, Conference Room 6, Bethesda, MD.


SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

• National Aeronautics and Space Administration; Science Mission Directorate, Astrophysics Division: ROSES12: Nancy Grace Roman Technology Fellowships in Astrophysics

Notice seeking proposals to give early career researchers the opportunity to develop the skills necessary to lead a flight instrument/project and become principal investigators of future missions; to develop innovative technologies that have the potential to enable major scientific breakthroughs; and to foster new talent by putting early-career instrument builders on a trajectory towards long-term positions. Notices of Intent are requested and due September 7, 2012. Proposals are due November 1, 2012. Approximately $0.9 million is available to support three to six Concept Study awards in FY 2013 and $1.2 million is available to support four Development Phase awards in FY 2014. Colleges and universities are eligible to apply.


• National Aeronautics and Space Administration; Science Mission Directorate, Planetary Science Division: ROSES 2012: Maturation of Instruments for Solar System Exploration

Notice seeking proposals proposing to develop new technologies that significantly improve instrument measurement capabilities for planetary science missions (such as Discovery, New Frontiers, Mars Exploration, and other planetary programs). Feasibility studies, concept formulation, and proof of concept or advanced component development will not be accepted. Notices of Intent are requested and due August 31, 2012. Proposals are due October 31, 2012. Approximately $1 million is available to support one to two awards. Colleges and universities are eligible to apply.


• National Aeronautics and Space Administration; Science Mission Directorate, Planetary Science Division: ROSES12: Outer Planets Research

Notice seeking proposals proposing diverse scientific investigations that contribute to the understanding of the outer Solar System, including the giant planets, their satellites, and smaller solid bodies including comets, asteroids, and Kuiper Belt objects. Notices of Intent are requested and due August 24, 2012. Proposals are due November 2, 2012. Approximately $1.8 million is available to support 14 awards. Colleges and universities are eligible to apply.

Federal funds are provided for research; rather, proceeds generated from the sale of monkfish harvested during a set-aside DAS will be used to fund monkfish research endeavors through the 2013 Monkfish Research Set-Aside (RSA) Program. Proposals are due by September 27, 2012. No eligible to apply.

**Links:** Solicitation http://www.grants.gov/search/search.do?mode=VIEW&oppId=191473

**National Science Foundation; Office of International Science and Engineering:** East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPS1)

Notice soliciting proposals that provides U.S. graduate students in science, engineering, and science education with first-hand research experiences in Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan. Proposals are due November 8, 2012, and every second Thursday in November annually until further notice. Approximately $2.4 million is available to support 200 awards, paid directly to the students. Student applicants must propose a location, host scientist, and a research project that is appropriate for the host site and duration of the international visit. Colleges and universities are eligible to apply.

**Links:** Solicitation http://www.grants.gov/search/search.do?mode=VIEW&oppId=191474

**U.S. Department of Commerce, National Oceanic and Atmospheric Administration; National Marine Fisheries Service:** Fiscal Year 2013 Monkfish Research Set-Aside

Notice seeking proposals for NOAA's National Marine Fisheries Service (NMFS), in coordination with the New England and Mid-Atlantic Fishery Management Councils (Councils), on monkfish research to utilize 500 Monkfish Days-at-Sea (DAS) that have been set-aside by the Councils to fund monkfish research endeavors through the 2013 Monkfish Research Set-Aside (RSA) Program. Proposals are due by September 27, 2012. No Federal funds are provided for research; rather, proceeds generated from the sale of monkfish harvested during a set-aside DAS will be used to fund research activities and compensate vessels that participate in research activities and/or harvest set-aside quota. Colleges and universities are eligible to apply.

**Links:** Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=191513

**U.S. Department of Commerce; National Oceanic and Atmospheric Administration:** FY 2013 Joint Hurricane Testbed

Notice seeking proposals to accelerate the rate at which promising and relevant research and technology benefit operational tropical cyclone analysis and forecasting; and promote the development and demonstration of various operational models and applications for the improvement of real-time tropical cyclone analysis and forecasting capabilities determined to be most desirable. Letters of Intent are requested and due September 14, 2012. Proposals are due December 7, 2012. Approximately $1 million is available to support 10 to 15 awards. Colleges and universities are eligible to apply.

**Links:** Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=191273

**U.S. Department of Commerce; National Oceanic and Atmospheric Administration, Office of Response and Restoration, National Ocean Service:** FY2013 Community-based Marine Debris Removal

Notice seeking applications for marine debris removal projects with strong on-the-ground habitat components involving the removal of marine debris and derelict fishing gear, as well as activities that provide social benefits for people and their communities in addition to long-term ecological habitat improvements for NOAA trust resources. Applications are due November 1, 2012. Approximately $2 million is available to support multiple awards. Colleges and universities are eligible to apply.


**U.S. Department of Defense; Department of the Air Force, Air Force Research Laboratory, Materials and Manufacturing Directorate, AFRL/RXLP:** Remote Access Nondestructive Evaluation (RANDE)

Notice seeking applications proposing to develop and demonstrate a prototype production level remote inspection capability that can deliver Nondestructive Inspection (NDI) sensors to critical hard-to-reach areas within open-cavity aircraft structures. Requested intent to propose is due August 24, 2012 and should be emailed to Whitney Walker at whitney.walker@wpafb.af.mil. Applications are due September 25, 2012. Approximately $487,500 is available in support for FY12. Eligibility is unrestricted.

**Links:** FBO notice https://www.fbo.gov/?s=opportunity&mode=form&id=8ee021daee67cdb6c60d6d8c2d1e9&tab=core&cview=0
• U.S. Department of Defense; Department of the Air Force, Air Force Research Laboratory, Materials and Manufacturing Directorate, AFRL/RXLP: Quick Reaction Evaluation of Materials and Processes

Notice seeking applications to provide quick reaction support to the United States Air Force through component failure analyses; material and mechanical property evaluations, and characterizations of corrosion/erosion behavior related to a wide variety of weapon systems and defense-related applications. Technical Areas of interest include root cause failure analyses and materials & processing evaluations of structural aerospace components; chemical analysis and evaluation in support of structural and electronic failure analysis and materials evaluation efforts, etc. Requested intent to propose is due September 3, 2012 and should be emailed to Jeffrey Pollard, at Jeffrey.pollard@wpafb.af.mil. Applications are due September 26, 2012. Approximately $6.3 million is available in support one award in FY 13. Eligibility is unrestricted.

Links: FBO notice https://www.fbo.gov/?s=opportunity&mode=form&id=b87a3df5a5f9e1d7b7bea0d11ac25e&tab=core&_cview=0

• U.S. Department of Energy; Office of Science: SBIR/STTR FY 2013 Phase I Release 1

Notice of two distinct DOE funding opportunities for FY 13 - Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR). The objectives of these programs include increasing private sector commercialization of technology developed through DOE-supported research and development (R&D), stimulating technological innovation in the private sector, and improving the return on investment from federally-funded research for economic and social benefits to the nation. DOE will support high-quality research or R&D on advanced concepts concerning important mission-related scientific or engineering problems and opportunities that are likely to lead to significant public benefit from promising research. Letters of intent are required and due by September 4, 2012. Applications are due by October 16, 2012. Approximately $34 million is expected to be available for up to 162 new awards. Phase I SBIR and STTR grants 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. Partnership opportunities exist for colleges and universities.


• U.S. Department of Energy; Office of Science; Office of Fusion Energy Sciences; National Nuclear Security Administration; Office of Stockpile Stewardship: High-Energy-Density Laboratory Plasma Science

Notice soliciting applications in the following subfields of high-energy-density physics: High-Energy-Density Hydrodynamics; Radiation-Dominated Dynamics and Material Properties; Magnetized High-Energy-Density Plasma Physics; Nonlinear Optics of Plasmas and Laser-Plasma Interactions; and Relativistic HED Plasmas and Intense Beam Physics. Proposed research efforts can include experimental, theoretical, and/or computational science. Applications integrating experiments, theory, and simulation are encouraged. Letters of intent are strongly encouraged by October 1, 2012. Applications are due by November 16, 2012. Approximately up to $2 million annually is expected to fund research grant awards (typically single-investigator projects) for a period of two or three years. Approximately eight to 12 awards are expected. Eligibility is unrestricted.

Links: Solicitation https://www.fedconnect.net/FedConnect/PublicPages/PublicSearch/Public_Opportunities.aspx (search reference number for DE-FOA-0000755); Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=191715

• U.S. Department of the Interior; Fish and Wildlife Service: Asian Elephant Conservation Fund

Notice seeking proposals from The Asian Elephant Conservation Fund for conservation of the Asian elephant (Elephas maximus) throughout its range. The Asian Elephant Conservation Act provides for the conservation of Asian elephants by supporting conservation programs in countries within the range of Asian elephants. Proposals are due November 1, 2012. Only institutions with demonstrated experience in Asian elephant conservation may submit proposals. Colleges and universities are eligible to apply.


• U.S. Department of Transportation; Federal Transit Administration: National Center for Mobility Management

Notice seeking proposals to further mobility management and to improve and enhance the coordination of Federal resources for human service transportation, and especially transportation for people with disabilities, older adults and people with lower incomes. Proposals are due September 28, 2012. Approximately $1.8 million is available. Non-profit organizations with transportation and/or mobility management experience that have the capacity to provide public transportation-related technical assistance and the ability to deliver a national technical assistance and training program are eligible.