ARTS, HUMANITIES AND INTERNATIONAL

• U.S. Department of Labor; Bureau of International Labor Affairs: Project to Combat Child Labor in Areas of Liberian Rubber Production

Notice seeking applications to support efforts to reduce child labor in rubber growing areas of Liberia. The project will promote improved policies to address child labor in rubber producing areas and enhanced monitoring and enforcement of such policies, with a focus on company-owned or operated rubber plantations. Applications are due September 4, 2012. Approximately $6 million is available to support one or more awards. Colleges and universities are eligible to apply.


• U.S. Department of State; Bureau of South and Central Asian Affairs; U.S. Embassy in Islamabad: Establishment of a University Partnership in Islamic Culture and Civilization with the University of Karachi, Karachi, Pakistan

Notice seeking applications for programs to assist the University of Karachi to increase its capacity in maintaining and enhancing the academic, research and knowledge exchange environment for faculty and students; and assist in strengthening mutual understanding between the people of the United States and Pakistan. Submitted programs should address the subject area priority of Islamic Culture and Civilization with a focus on modern and contemporary issues to include comparative religion, economics, sociology and political thought. A pre-application conference call will be held on Tuesday, July 24, 2012 at 9:30 a.m. Applications are due August 24, 2012. Approximately $1 million is available to support one award. Colleges and universities are eligible to apply. Applicants must have a demonstrated expertise in the liberal arts and humanities, specifically in the subject area of Islamic studies; and must be able to provide security and secure housing and transport for U.S. exchange participants in Pakistan. Cost sharing is required.


EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

• U.S. Department of Education; Office of Special Education and Rehabilitative Services; National Institute on Disability and Rehabilitation Research: Rehabilitation Research and Training Center on Vocational Rehabilitation and Developing Strategies To Meet Employer Needs in Changing Economic Environments Program

Notice seeking applications to plan and conduct research, demonstration projects, training, and related activities, including international activities; to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities; etc. Pre-Application meeting will be on August 3, 2012. Applications are due August 27, 2012. Approximately $650,000 is available to support one award. Colleges and universities are eligible to apply.


• U.S. Department of Justice; National Institute of Corrections: Development of a Series of Publications for the Evidence-Based Decision Making in Local Criminal Justice Systems Initiative

Notice seeking applications to establish and test the links (information tools and protocols) between local criminal justice decisions and the application of human and organizational change principles (evidence-based practices) in achieving measurable reductions in pretrial misconduct and post-conviction risk of re offending. Questions are due July 30, 2012. Applications are due August 10, 2012. Approximately up to $225,000 is available to support one award. Colleges and universities are eligible to apply.


• U.S. Department of Justice; National Institute of Corrections, Community Services Division: Dosage-Based Probation as an Effective Intervention

Notice seeking applications for projects to expand on the foundation of work that NIC has led on offender risk reduction through the development of the principle of Target Interventions: Dosage. The project should focus on the integration of dosage-based probation into the other more established principles of risk, need, and responsivity. Applications are due August 6, 2012. Approximately $100,000 is available to support one award. Colleges and universities with expertise in the described areas are eligible to apply.

**U.S. Department of Labor, Office of Disability Employment Policy:** National Technical Assistance and Demonstration Center on Preparing Youth with Disabilities for Employment

Notice seeking applications to provide support for a consortium to manage and operate the National Technical Assistance and Demonstration Center on Preparing Youth with Disabilities for Employment (Center) that will increase employment expectations for youth with disabilities and build capacity within and across both generic and disability-specific youth service delivery systems to improve employment and post-secondary education outcomes for youth with disabilities. Focus areas include: Career Exploration, Management and Planning, Youth Development and Leadership, and Professional Development. Applications are due August 17, 2012. Approximately $1.1 million is available to support one award. Colleges and universities partnering as part of a consortium are eligible to apply. Applicants must demonstrate experience and expertise in developing policy, conducting research and evaluation, disseminating information and providing technical assistance on issues important to increasing employment opportunities for youth with disabilities.

**Links:** Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=185473

**U.S. Department of Transportation; Federal Motor Carrier Safety Administration:** FY 2013 Border Enforcement Grant Program Notice of Funding Availability

Notice seeking application aimed at the following national priorities: Ensuring that Mexico-bordering States meet all Federal requirements to allow access to areas beyond the Border commercial zones for Mexico-domiciled carriers; Increasing the number of Commercialized Motor Vehicle (CMV) safety inspections and commercial driver’s license/operating authority/financial responsibility checks; Improving the capability to conduct CMV safety inspections at remote and other sites near the Canadian and Mexican borders; Providing other innovative initiatives designed to improve the compliance status of CMVs, drivers, and carriers entering the U.S. from Canada or Mexico; and Researching initiatives focused on cross-border enforcement and related issues. Applications are due August 20, 2012. Approximately $32 million is available in support. Colleges and universities within Alaska, Arizona, California, Idaho, Maine, Michigan, Minnesota, Montana, New Hampshire, New Mexico, New York, North Dakota, Texas, Vermont, and Washington are eligible to apply.


**U.S. Department of Transportation; Federal Motor Carrier Safety Administration:** FY 2013 MCSAP High Priority Grants.gov Opportunity Announcement

Notice seeking applications that support, enrich, or evaluate State commercial motor vehicle (CMV) safety programs that: Implement, promote, and maintain national programs to improve CMV safety; Increase compliance with CMV safety regulations; Increase public awareness about CMV safety; Provide education on CMV safety and related issues; and Demonstrate new safety related technologies. National priorities for High Priority grants include: Educational programs that promote safe driving practices by teen drivers around CMVs, Seatbelt safety, Public awareness and education of CMV safety-related issues, etc. Applications are due September 18, 2012. Approximately $15 million is available in funding for FY 2013. Colleges and universities are eligible to apply.


**HEALTH and MENTAL HEALTH**

**U.S. Department of Health and Human Services:** President's Advisory Council on Faith-based and Neighborhood Partnerships

Notice announcing a meeting of the President's Advisory Council on Faith-based and Neighborhood Partnerships. The purpose of the meeting is to bring together leaders and experts in fields related to the work of faith-based and neighborhood organizations in order to: Identify best practices and successful modes of delivering social services; evaluate the need for improvements in the implementation and coordination of public policies relating to faith- based and other neighborhood organizations; and make recommendations for changes in policies, programs, and practices. The meeting will be held Tuesday, July 31st 9:30 a.m.-12:00 p.m. (EST) at a location to be determined in the White House complex, 1600 Pennsylvania Ave NW, Washington, DC.

**Links:** Federal Register http://www.gpo.gov/fdsys/pkg/FR-2012-07-17/html/2012-17358.htm

**U.S. Department of Health and Human Services; Agency for Health Care Research and Quality:** Projects for Prevention and Management of Healthcare-Associated Infections

Notice seeking applications focused on detection, prevention, reduction, and effective management of healthcare-associated infections (HAIs). Broad areas of interest include: Determination of the clinical efficacy and effectiveness (including unintended adverse consequences) of preventive interventions; and Characterization and assessment of relevant epidemiological aspects of HAIs, including but not limited to patient risk factors, clinical presentation, and sources of antibiotic-resistant organisms involved in the development of HAIs. R01 applications are due October 5, February 5, and June 5, annually. Program expires November 6, 2015. R18 applications are due September 25, January 25, and May 25, annually. Program expires September 26, 2015. Colleges and universities are eligible to apply.

• U.S. Department of Health and Human Services; Food and Drug Administration: Advisory Committee for Pharmaceutical Science and Clinical Pharmacology

Notice announcing a public meeting of the Advisory Committee for Pharmaceutical Science and Clinical Pharmacology to discuss issues including: The Center for Drug Evaluation and Research (CDER) Nanotechnology Risk Management Working Group activities; nanotechnology-related research conducted and published by CDER, to include examples related to sunscreens; and the overview and preliminary analysis of nanotechnology-related information collected from drug application submissions. The meeting will be held on August 9, 2012, from 8:00 a.m. to 5:00 p.m. at the FDA White Oak Campus, 10903 New Hampshire Ave., Building 31 Conference Center, the Great Room (Rm. 1503), Silver Spring, MD.


• U.S. Department of Health and Human Services; National Institutes of Health; National Cancer Institute: Physical activity and weight control interventions among cancer survivors: Effects on biomarkers of prognosis and survival (R01)

Notice seeking applications to conduct transdisciplinary and translational research that will identify specific biological or biobehavioral pathways through which physical activity and/or weight control (either weight loss or avoidance of weight gain) may affect cancer prognosis and survival. Research applications must test the effects of physical activity or weight control or both interventions on biomarkers of cancer prognosis among cancer survivors identified by previous animal or observational research, which may include intervention-induced changes in sex hormones, insulin or insulin-like growth factors or their binding proteins, insulin resistance, glucose metabolism, leptin and other adipokines, immunologic or inflammatory factors, oxidative stress and DNA damage or repair capacity, angiogenesis, or prostaglandins. Applications are due February 5, June 5, and October 5 annually. Program expires September 8, 2015. Colleges and universities are eligible to apply.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of General Medical Sciences: Research to Understand and Inform Interventions that Promote the Research Careers of Students in Biomedical and Behavioral Sciences (R01)

Notice seeking applications that propose research designed to test assumptions and hypotheses regarding social and behavioral factors with the aim of advising and guiding the design of potential interventions intended to increase interest, motivation and preparedness for careers in biomedical and behavioral research. Letters of intent are requested and due September 24, 2012. Applications are due October 24, 2012. Approximately $2.4 million is available. Colleges and universities are eligible to apply.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Neurological Disorders and Stroke: NIH Director’s Early Independence Awards (DP5)

Notice seeking applications from exceptional junior scientists who wish to pursue independent research directly after completion of their terminal doctoral/research degree or clinical residency, thereby forgoing the traditional post-doctoral training period. Letters of intent are requested and due December 30, 2012. Applications are due January 30, 2013. Approximately $4 million is available to support 10 awards. Colleges and universities are eligible to apply. Junior scientists must be within twelve months before or after the completion of their medical residency (or equivalent) training. LIMITED SUBMISSION: Only up to two applications per institution are allowed.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Neurological Disorders and Stroke: New Projects for Epi4K Genetics and Genomics of Human Epilepsies Center without Walls (U01)

Notice seeking applications from individual investigators or groups of investigators to collaborate with the currently funded Epi4K investigators and use the extant infrastructure of the Center without Walls to sequence, verify phenotype and analyze existing DNA samples from cohorts of patients with various forms of heritable epilepsy or with differential responses to anti-epileptic drugs. Letters of intent are requested and due November 18, 2012. Applications are due December 18, 2012. Approximately $1 million is available to support one to five awards. Colleges and universities are eligible to apply.

Weekly Funding Opportunities

**U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Aging: Grants for Early Medical/Surgical Specialists Transition to Aging Research (GEMSSTAR) (R03)**

Notice seeking applications for short-term projects involving secondary analysis aimed at the following goals: To assess the public health and health cost impact of specific combinations of two or more conditions in defined older populations; To identify potential differences in effectiveness and safety of different treatment regimens for patients with specific combinations of two or more conditions; To examine alterations in safety or effectiveness of a treatment for one condition related to the presence of one or more specific coexisting condition; and To identify and address methodological issues relevant to analyses of the health impact of multiple chronic conditions such as validity of data and confounding by indication. Letters of intent are requested and due September 11, 2012. Applications are due October 11, 2012. Approximately $1 million is available in FY 2013. Colleges and universities are eligible to apply.


**U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Aging: Grants for Early Medical/Surgical Specialists Transition to Aging Research (GEMSSTAR) (R03)**

Notice seeking applications for early career physicians trained in medical or surgical specialties to establish a research track record in aging-related aspects of their specialty. The award will provide an opportunity to gain skills and experience in aging research and help investigators establish an independent program of research in their clinical field relevant to geriatric or gerontologic science. Letters of intent are requested and due September 1, 2012. Applications are due October 1, 2012. Approximately $1.5 million is available to support 18 to 20 awards. Colleges and universities are eligible to apply.


**U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Drug Abuse: Translational Research on Interventions for Adolescents in the Legal System: TRIALS (U01)**

Notice seeking applications for multiple Research Centers and one coordinating center to collaborate in developing and testing implementation strategies and associated measures to improve the continuum of substance abuse prevention and treatment services delivered to youth under juvenile justice supervision. Letters of Intent are requested and due October 28, 2012. Applications are due November 28, 2012. Approximately $5 million is available to support three to five Research Centers and one Coordinating Center. Colleges and universities are eligible to apply.


**U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Drug Abuse: Minimally-Invasive Bioassays to Support Outpatient Clinical Trials of Therapeutics for Substance Use Disorders**

Notice seeking applications to develop non-invasive (including but not limited to urine, sweat or oral fluids) or minimally invasive (such as fingerstick), methods to support outpatient clinical trials of pharmacotherapies for Substance Use Disorders (SUDs). R01 Applications are due October 5, February 5, and June 5 annually. R21 applications are due October 16, February 16, and June 16 annually. Program expires September 8, 2015. Approximately $2 million is available in FY13 to support up to four R01 awards and up to seven R21 awards. Colleges and universities are eligible to apply.


**U.S. Department of Health and Human Services; Public Meeting of the Presidential Commission for the Study of Bioethical Issues: Public Meeting of the Presidential Commission for the Study of Bioethical Issues**

Notice announcing a public meeting of the Public Meeting of the Presidential Commission for the Study of Bioethical Issues to continue discussing topics related to the ethical issues associated with the development of medical countermeasures for children. The Commission will also develop and finalize recommendations regarding access to, and privacy of human genome sequence data. The meeting will be held August 1-2, 2012 from 9:00am to 5:30pm at the Renaissance Washington, DC Downtown Hotel, 999 9th Street NW., Washington, DC.


**U.S. Department of Health and Human Services; The Centers for Disease Control and Prevention (CDC), Office of Surveillance, Epidemiology and Laboratory Services (OSELS), Epidemiology and Analysis Program Office (EAPO): Update of Community Guide Reviews on the Effectiveness of Interventions**

Notice inviting the submission of white papers of innovative public health research projects that focus on one of the following topic areas: (1) diabetes, (2) physical activity, and (3) obesity with the goal of updating the existing systematic reviews on these specific topics that were conducted for the Guide to Community Preventive Services in previous years. White papers are required and due August 6, 2012. Colleges and universities are eligible to apply. Applicants are strongly encouraged to contact the CDC BAA Scientific points of contact before submitting white papers.

Links: FBO notice https://www.fbo.gov/?s=opportunity&mode=form&id=05c90cf329b0ccc08335f22 59192940&tab=core&_cview=0
SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

• National Aeronautics and Space Administration; Lyndon B. Johnson Space Center; National Space Biomedical Research Institute: Research and Technology Development to Support Crew Health and Performance in Space Exploration Missions

Notice seeking applications in the areas of Sensorimotor Impairment and Space Motion Sickness; Epidemiological Evidence of Spaceflight Induced Cardiovascular Disease; Computational Models of Cephalad Fluid Shifts; Spaceflight Biochemical Profile; Maintenance and Regulation of Team Function and Performance over Extended Durations; Development of Safety and Efficiency Metrics for Human-Automation Systems; and other areas. The full solicitation will be released on or about July 30, 2012. The opportunity is currently in presolicitation. Eligibility is unrestricted.

Links: Grants.gov http://www.grants.gov/search/search.do?mode=VIEW&oppId=184513, FBO notice https://www.fbo.gov/?s=opportunity&mode=form&id=8a60e8f1c21649da76cf5487 5f91909e&tab=core&_cview=0

• National Aeronautics and Space Administration; NASA Headquarters: NASA Announcement for Partnering Opportunities for Delivery of NASA Content to the Public

Notice seeking potential partners who may benefit from the delivery of the Agency's web videos, both live and on-demand, and other online content to support increased public access and awareness of NASA activities. Responses are due August 3, 2012. Eligibility is unrestricted.


• National Science Foundation; Directorate for Mathematical and Physical Sciences: Computational and Data-Enabled Science and Engineering

Notice seeking proposals to identify and capitalize on opportunities for major scientific and engineering breakthroughs through new computational and data analysis approaches. The intellectual drivers may be in an individual discipline or they may cut across more than one discipline in various Directorates. Full Proposal Deadlines vary by program. Colleges and universities are eligible to apply.


• U.S. Department of Agriculture; National Institute of Food and Agriculture: Expert IPM Decision Support System

Notice seeking applications to develop and/or maintain expert systems that: Deliver state of the art IPM information to a wide variety of stakeholders and customers; develop an improved, broader web presence; Design and/or maintain LOGIC model based reporting software; Provide web based networking tools for IPM scientists; etc. Proposals must demonstrate an ability to develop and maintain a cooperative working relationship with the NIFA IPM Research, Education, and Economic (REE) programs; and describe how proposed objectives and approach will achieve EIPMDSS objectives and goals. Applications are due August 20, 2012. Approximately $143,000 is available to support one award. Land Grant Colleges and universities and affiliated foundations, colleges and universities receiving funds under the Act of October 10, 1962 (16 U.S.C. 582a et seq.), and accredited schools or colleges of veterinary medicine are eligible to apply.


• U.S. Department of Defense; Department of Navy, Office of Naval Research: Special Program Announcement for 2012 Office of Naval Research Opportunity: Hyper Velocity Projectile (HVP) Research

Notice seeking research proposals that will explore technologies related to extended range guided projectiles for Naval Surface Fire Support (NSFS) and exploit recent advances in miniaturized electronics, guided projectiles and mortars, and warhead technology for small UAV launched munitions. Areas of Interest are: 1) The design, development, fabrication, and testing of an extended range guided projectiles; and 2) innovative solutions for necessary critical subsystems such as guidance and electronics, control actuation systems, high strength materials and warheads for an extended range guided projectiles. A pre-proposal conference (Industry Day) will comprise an unclassified session limited to DoD organizations and DoD contractors and will be held on August 20, 2012. White papers are required and due August 31, 2012. Proposals are due October 26, 2012. Four Phase IA design awards are anticipated. Eligibility is unrestricted.

Links: FBO notice https://www.fbo.gov/index?s=opportunity&mode=form&id=be58c376763c82be08f9dd44f58637ce&tab=core&_cview=0

• U.S. Department of Defense; Department of the Air Force: Call #48 HYDRA VISION DEMONSTRATION

Notice seeking proposals to demonstrate, in as-near-operational environments as possible, the validity of various Continuous Look Attack Management for Predator (CLAMP) software updates. This will be accomplished by flight testing CLAMP updates using civilian or military air platforms suitable for flying Reaper sensor payloads and associated hardware/software. Proposals are due August 16, 2012. Approximately $8.1 million is available to support one award. Eligibility is unrestricted.

Links: FBO notice https://www.fbo.gov/index?s=opportunity&mode=form&id=5c132b31ed9c2c3722a 389cb9d4e7213&tab=core&_cview=1
• U.S. Department of Defense; Department of the Army -- Materiel Command: Advanced Computing Initiative (ACI)

Notice seeking research proposals related to the energy efficiency and resilience constraints in designing new supercomputers. Applications must respond to one or more of the three (3) thrust areas: (1) Machine Environment, (2) Run-time Environment, (3) Programming Environment. Proposals will be considered for both single-investigator awards as well as larger teams. Questions are due September 5, 2012. Proposals are due September 12, 2012. Approximately $4 million is available. Eligibility is unrestricted.


• U.S. Department of Defense; Department of the Navy; Office of Naval Research: Special Program Announcement for Office of Naval Research: DARPA/ONR Field-Reversible Thermal Connector (RevCon) Challenge II

Notice seeking proposals related to educational programs and outreach projects in science, technology, engineering, and mathematics (STEM) that will assist in the development of the next generation of scientists and engineers. Activities supported may include providing financial assistance to organizations supporting STEM activities, providing funding and support for national competitions by arranging for DoD personnel to participate as judges and presenters, providing support for STEM education and outreach conferences and supporting teacher STEM education and training initiatives. White papers are due September 30, 2012. Proposals are due November 28, 2012. Approximately $10 million is available in support for FY12. Colleges and universities are eligible to apply.


• U.S. Department of Defense; Engineer Research and Development Center: Department of Defense Legacy Resource Management Program

Notice seeking proposals to enable the military mission while promoting long-term stewardship of its natural and cultural heritage. A Legacy project may involve regional ecosystem management initiatives, habitat conservation management efforts, at risk species and species of concern, development of historic contexts and models, invasive species control, support for military readiness and range sustainment, economics of historical preservation, data management, and other topics of national or regional interest. Pre-proposals are due August 30, 2012. Full proposals are by invitation. Several cooperative agreements of $100,000 to $300,000 are available. Colleges and universities are eligible to apply.


• U.S. Department of Energy; Office of Science: Basic Energy Sciences Advisory Committee

Notice announcing a meeting of the Basic Energy Sciences Advisory Committee. The purpose of the meeting is to advice and guidance with respect to the basic energy sciences research program. The meeting will be held Thursday, July 26, 2012, 8:30 a.m.-5 p.m., and Friday, July 27, 2012, 9 a.m.-12 p.m. at the Bethesda North Hotel and Conference Center, 5701 Marinelli Road, Bethesda, Maryland.


• U.S. Department of the Interior; Bureau of Land Management: Wetland Mapping in Montana

Notice seeking applications to continue supporting this effort and stimulate additional mapping in eastern Montana and South Dakota. Applications are due August 16, 2012. Approximately $250,000 over 5 years is available to support one award. Eligibility is unrestricted.