EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

• U.S. Department of Commerce; National Oceanic and Atmospheric Administration: Notice of Public Meeting of the National Sea Grant Advisory Board

Notice announcing a public meeting to discuss and provide advice on the National Sea Grant College Program in the areas of program evaluation, strategic planning, education and extension, science and technology programs, and other matters. The meeting will be held on Monday, March 4, 2013 from 8:00 a.m. to 5:00 p.m. (ET) at the Melrose Hotel, 2430 Pennsylvania Avenue N.W., Washington, D.C. The agenda for this meeting will be available at http://www.seagrant.noaa.gov/leadership/advisory_board.html.


• U.S. Department of Education; Office of Innovation and Improvement (OII): Supporting Effective Educator Development (SEED) Grant Program CFDA Number 84.367D

Notice seeking applications for projects that support teacher or principal training or professional enhancement activities and are supported by at least moderate evidence of effectiveness Applications are due April 15, 2013. Approximately $25.3 million is available to support one to five awards. Nonprofit organizations are eligible.


• U.S. Department of Education; Office of Justice Programs: Task Force Meeting on Research on Violence Against American Indian and Alaska Native Women

Notice announcing a public meeting to discuss research on violence against American Indian and Alaska Native Women. The meeting will be held on March 8, 2013 from 8:30 a.m. to 5:00 p.m. (ET) at the Office of Justice Programs, U.S. Department of Justice, 810 7th Street N.W., 3rd Floor Ballroom, Washington, D.C.


• U.S. Department of Justice; National Institute of Corrections: Production of Five Live Satellite/Internet Broadcasts (15 hours)

Notice seeking applications to produce a minimum of five live satellite/Internet broadcasts. NIC will accept proposals for the creative use of 15 broadcast hours, using either NIC’s traditional 3-hour long-form talk show broadcast format or other suggested formats for this work. Applications are due March 8, 2013.


• U.S. Department of Justice; Office of Justice Programs: National Institute of Justice: NIJ FY 13 Hosting the National Law Enforcement and Corrections Technology Center System's Small, Rural, Tribal and Border Regional Center

Notice seeking proposals to host the Small, Rural, Tribal and Border (SRTB) Regional Center within the National Law Enforcement and Corrections Technology Center (NLECTC) System. Successful applicants should demonstrate the degree to which they will leverage related work with small, rural, tribal, and border criminal justice agencies and the degree to which they already engaged with those agencies. Applications are due April 9, 2013. Approximately up to $750,000 is available to support one award.


• U.S. Department of Justice; Office of Justice Programs; National Institute of Justice: NIJ FY 13 Desistance From Crime Over the Life Course

Notice seeking proposals to conduct research that enhances knowledge of the process of desistance from crime. Successful proposals will focus on bold, innovative approaches to enhancing understanding of the processes underlying desistance from crime. Applications are due May 9, 2013. Approximately $1 million is available to support one award.


• U.S. Department of Justice; Office of Justice Programs; National Institute of Justice: NIJ FY 13 Social Science Research on Forensic Science

Notice seeking applications that examine the social science questions related to the effective use of forensic evidence to identify and process criminal offenders and the impact of these advances on the criminal justice system. Applications are due on May 15, 2013. Approximately $2.5 million will be available to support multiple awards for three years.

**U.S. Department of Transportation; Federal Railroad Administration:** Research Initiatives In Support of Rail Safety

Notice seeking concept papers to provide research on technology development to achieve safe and efficient freight and passenger rail operations in the U.S. in the areas of track; rolling stock and equipment; train control and communications; and human factors. Concept papers are required and due by February 13, 2013. Decisions to invite full proposals will be made 60 days after concept papers are received. Cost-sharing is not required, but some form of cost participation is desirable. Approximately $4.5 million is available for three years.

**Links:** FBO notice https://www.fbo.gov/?s=opportunity&mode=form&id=0cb7d7923a48c8ffbc5f68772a054b8b&tab=core&_cview=0

**HEALTH and MENTAL HEALTH**

**U.S. Department of Agriculture; National Institute of Food and Agriculture:** Agriculture and Food Research Initiative - Childhood Obesity Prevention

Notice seeking applications with a focus on behavioral and environmental approaches to obesity prevention in children. Proposals should generate new knowledge of the behavioral (not metabolic), social, cultural, and/or environmental factors, including food environment, that influence childhood obesity and use this information to develop and implement effective family, peer, community, and/or school-based interventions for preventing overweight and obesity and promoting healthy behaviors in children and adolescents (ages 2-19 years). This knowledge should have a strong emphasis on health literacy and health disparities. Behavior should be defined in a broad sense to include individual patterns of behavior and how individuals respond to others, the environment, and policy. This program focuses on prevention of weight gain and will not fund projects to promote weight loss. Applications are due April 11, 2013. Approximately $5 million is available.


**U.S. Department of Health and Human Services (HHS); Health Resources and Services Administration (HRSA):** National Advisory Council on the National Health Service Corps; Request for Nominations

Notice requesting nominations to fill five vacancies on the National Advisory Council (NAC) on the National Health Service Corps (NHSC). The NAC is a group of health care providers and health care site administrators who are experts in the issues that communities with a shortage of primary care professionals face in meeting their health care needs. The NAC is a frontline source of information to the NHSC senior management. The NAC is committed to effectively implementing its mandate to advise the Secretary of the HHS and, by designation, the Administrator of HRSA. HRSA is requesting nominations for individuals with a background in primary care, dental health, and mental health representing one or more of the following areas of expertise: working with underserved populations, health care policy, recruitment and retention, site administration, customer service, marketing, organizational partnerships, research, and clinical practice. Selected nominees will be invited to serve a 3-year term beginning after September 30, 2013. Nominations are due by March 13, 2013. Individuals may nominate themselves or other individuals, and professional associations and organizations may nominate one or more qualified persons for membership on the Council. Please see Federal Register notice for further guidelines on the nomination package.


**U.S. Department of Health and Human Services; Agency for Health Care Research and Quality:** Electronic Data Methods (EDM) Forum: Second Phase (U18)

Notice seeking applications to continue and expand the work of the Electronic Data Methods (EDM) Forum that convenes investigators from projects similar in scope and capability to those in three programs: PROSPECT (Prospective Outcome Systems using Patient-specific Electronic data to Compare Tests and therapies), scalable distributed research networks; and enhanced registries for QI and CER. Letters of intent are optional and due on March 15, 2013. Applications are due April 18, 2013. Approximately $5.1 million is available to support one award for three years.


**U.S. Department of Health and Human Services; Health Resources & Services Administration; Maternal and Child Health Bureau:** MCH Navigator Program

Notice announcing two types of programs this initiative: 1) Knowledge to Practice Program and 2) MCH Navigator Program. 1) The Knowledge to Practice grants focus on increasing the skills of MCH professionals by facilitating the timely transfer of new information, research findings and technology related to MCH, and updating and improving the knowledge and skills of health and related professionals in programs serving mothers and children. Applicants can develop on site, distance education, or blended methods for maximum impact with their target audience; however, a distance learning component is required in order to reach a broad audience and achieve regional and/or national significance. 2) The MCH Navigator cooperative agreement complements the Knowledge to Practice grants, using a web site to link learners to open-access webcasts, presentations, instructional modules, and online courses covering essential MCH skills and knowledge. Applications are due March 26, 2013. Approximately $290,000 is available to support nine awards in the Knowledge to Practice Program. Approximately $180,000 is available to support one award in the MCH Navigator Program. A technical assistance webinar is scheduled for Tuesday, February 19, 2013 from 1:00pm to 2:00pm EST. The webinar portion of the technical assistance session can be accessed at: https://hrsa.connectsolutions.com/mchkpnv. Audio for the call can be accessed at: 1-866-919-4986; Passcode 3446019.

Weekly Funding Opportunities

- **U.S. Department of Health and Human Services; National Institutes of Health; Division of Program Coordination, Planning and Strategic Initiatives, Office of Research Infrastructure Programs (ORIP): Improvement of Animal Models for Stem Cell-Based Regenerative Medicine**

Notice seeking applications proposing research aimed at characterizing animal stem cells and improving existing, and creating new, animal models for human disease conditions. The intent of this initiative is to facilitate the use of stem cell-based therapies for regenerative medicine. The initiative focuses on the following areas: 1) comparative analysis of animal and human stem cells to provide information for selection of the most predictive and informative model systems; 2) development of new technologies for stem cell characterization and transplantation; and 3) improvement of animal disease models for stem cell-based therapeutic applications. R01 applications are due February 5, June 5 and October 5 annually. R21 applications are due February 16, June 16, and October 16 annually. R24 applications are due January 25, May 25 and September 25, annually. Program expires May 8, 2016.


- **U.S. Department of Health and Human Services; National Institutes of Health; National Cancer Institute: NCI Experimental Therapeutics-Clinical Trials Network with Phase 1 Emphasis (ET-CTN) (UM1)**

Notice seeking applications for multidisciplinary groups that will conduct early phase experimental therapeutics clinical trials. Members of the ET-CTN will work on investigational agent-specific trans-network project teams to define the drug development plan, and to conduct experimental therapeutic clinical trials filed to the Investigational New Drug (IND) applications by NCIs Division of Cancer Treatment and Diagnosis (DCTD), Cancer Therapy Evaluation Program (CTEP). Letters of intent are requested and due March 23, 2013. Applications are due August 23, 2013. Approximately $8.5 million is available to support 10 awards in FY 2014. LIMITED SUBMISSION: Only one application per institution may be submitted


- **U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Biomedical Imaging and Bioengineering and Eunice Kennedy Shriver National Institute of Child Health and Human Development: Team-Based Design in Biomedical Engineering Education (R25)**

Notice seeking applications that propose to establish new or to enhance existing team-based design courses in undergraduate Biomedical Engineering departments or programs. Main targets include undergraduate students at the senior level but may also include junior undergraduates and first-year graduate students. Courses that address innovative and/or ground-breaking development, multidisciplinary/interdisciplinary training and clinical immersion are especially encouraged. Letters of intent are requested and due 30 days before the application deadline. Applications are due May 13, 2013; May 13, 2014; and May 13, 2015. Program expires May 14, 2015. LIMITED SUBMISSION: Only one application per institution.


- **U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Child Health and Human Development: Safety and Effectiveness of Triple Antiretroviral Drug Strategies for Prevention of Mother to Child HIV Transmission (R01)**

Notice seeking applications to evaluate the safety and effectiveness of implementation of triple antiretroviral drug strategies for prevention of mother to child HIV transmission in resource-constrained settings - either an approach in which antiretroviral drugs stop after breastfeeding cessation in women who don't require therapy for their own health (termed by the World Health Organization "Option B') or a strategy in which lifelong antiretroviral therapy is started in all pregnant women regardless of immune or clinical status (sometimes referred to as "Option B+".). Letters of intent are requested by July 30, 2013. Applications are due August 30, 2013. Approximately $5 million is available to support five to ten awards in FY 14. Budgets and period should reflect the scope of the project which can last no more than five years.


- **U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Child Health and Human Development: Postdoctoral Training Program in Obstetric and Pediatric Pharmacoepidemiology (T32)**

Notice seeking applications hat propose creative and innovative institutional research training programs in the mission area(s) of the NICHD. The purpose of the training program is to help ensure that a diverse pool of highly trained scientists is available in appropriate scientific disciplines to address the nation’s biomedical, behavioral, and clinical research needs. Letters of Intent are requested 30 day before the application due date. Applications are due May 25, 2013. NICHD will contribute to the combined cost of tuition and fees at the rate in place at the time of award and provide stipends as a subsistence allowance to help defray living expenses during the research training experience.

Weekly Funding Opportunities

February 18, 2013

• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Allergy and Infectious Diseases: Revision Applications for Research on Assessing the Role of Stigma in HIV Prevention and Care

Notice seeking applications to support research to understand the role of stigma in HIV prevention and care. Specifically, NIMH is encouraging revision applications (formerly "competitive supplement" applications) that a) validate stigma measures, b) investigate how HIV-associated stigma impacts HIV prevention and care uptake and outcomes, c) examine reduction in stigma as an outcome of ongoing interventions intended to impact prevention or care, and d) pilot test novel interventions to reduce stigma. Letters of intent are not required and due April 1, 2013. Applications are due May 1, 2013. Approximately $1 million is available to support four to six awards. NIAID: Approximately $250,000 is available.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Neurological Disorders and Stroke: High Impact Neuroscience Research Resource Grants (R24)

Notice seeking applications supporting innovative and high impact projects to make resources, tools and techniques available to neuroscience researchers. Projects must be specifically targeted to neuroscience research and include one of the following activities: propagation of newly developed, cutting edge reagents or techniques; bringing existing resources to new user groups; or innovative approaches that increase the scale and efficiency of existing valuable resources. Letters of intent are requested and due April 16, 2013. Applications are due May 16, 2013. Approximately $1.2 million is available to support up to five awards in FY 13.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Neurological Disorders and Stroke: NIH NICHD Institutional Center Core Grants to Support Neuroscience Research (P30)

Notice seeking applications for Center Core Grants that provide resources and facilities shared by a minimum of six NICHD-supported investigators, and supporting a wider base of neuroscience research. The proposed Centers will offer services and expertise that would be difficult or impractical to support in individual labs. Letters of intent are not required and due April 16, 2013. Applications are due May 16, 2013. Three awards are anticipated.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Nursing Research: The Influence of the Microbiome on Preterm Labor and Delivery

Notice seeking Announcement of funding available for research addressing the underlying mechanisms related to preterm labor and delivery, focusing on the role that the microbiome plays in predisposing women to this condition. An enhanced knowledge of the microbiome, the changes that are associated with increased risk for preterm labor and delivery, and the influence of genetic and environmental factors are needed to better inform the search for effective prevention strategies. Interdisciplinary collaborations that include nurse scientists in the project team are strongly encouraged. Additionally, applicants should consider engaging the resources and expertise of nearby or otherwise available Clinical and Translational Science Award grant sites (CTSA) and/or federally funded research centers where possible. Letters of intent are requested and due April 9, 2013. Applications are due May 9, 2013. Approximately $2 million is available to support up to six awards, split between R21 and R01.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Deafness and Other Communication Disorders: Innovative and Novel Approaches toward Inner Ear Regenerative Therapies by Early Stage Investigators (R01)

Notice seeking research applications that target new and novel approaches toward biological therapeutic strategies for the successful restoration of hearing/balance function of the mammalian inner ear. The NIDCD is especially interested in those Early Stage Investigators (ESI), from both the basic and clinical sciences, who bring new and innovative approaches and strategies from scientific fields minimally represented in the NIDCD portfolio, such as tissue fabrication, biomaterials, regenerative medicine. Preference will be given to applications with unique and original approaches that promise to drive inner ear therapies forward. Applications are due July 18, 2013. Responsive applications must be from ESIs, as defined by NIH. Approximately $2 million is available to support one to five awards in FY 14.


University of New Orleans Office of Research and Sponsored Programs
University of New Orleans Office of Research and Sponsored Programs
Weekly Funding Opportunities  February 18, 2013

- **U.S. Department of Health and Human Services; Substance Abuse & Mental Health Services Administration:** Grants to Expand the Use of Technology-Assisted Care in Targeted Areas of Need

  Notice seeking applications to expand and/or enhance the capacity of substance abuse treatment providers to serve persons in treatment who have been underserved because of lack of access to treatment in their immediate community due to transportation concerns, an inadequate number of substance abuse treatment providers in their community, and/or financial constraints. The use of technology, including web-based services, smart phones, and behavioral health electronic applications (e-apps), will expand and/or enhance the ability of providers to effectively communicate with persons in treatment and to track and manage their health to ensure treatment and services are available where and when needed. Applications are due April 10, 2013. Approximately $3.64 million is available to support up to 13 awards.


- **U.S. Department of Health and Human Services; Substance Abuse & Mental Health Services Administration:** Rapid Hepatitis C Virus Screening and Referral

  Notice seeking applications to address the high prevalence of viral hepatitis C infection among IV drug users in selected opioid treatment programs (OTPs). Applications are due on April 5, 2013. Approximately $1 million is available to support 25 awards. Colleges and universities are eligible to apply but must be certified OTPs that possess comprehensive hepatitis prevention and control services.


- **U.S. Department of Health and Human Services; Substance Abuse & Mental Health Services Administration:** Offender Reentry Program

  Notice seeking applications to build sustainable systems of care for adults needing substance abuse treatment and recovery support services as they return to the community from incarceration. Applications are due on April 16, 2013. Approximately $4.39 million is available to support ten awards over three years. Applicants must provide a 50 percent match of which a minimum of 25 percent of the total project cost must come from cash sources. The remaining 25 percent may come from in-kind contributions.


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

- **National Aeronautics and Space Administration:** NASA Advisory Council; Education and Public Outreach Committee; Meeting

  Notice announcing a meeting of the Education and Public Outreach Committee of the NASA Advisory Council. The agenda includes: November 2012 Meeting Review, NASA Education Current Activities and Plans, NASA Communications Current Activities and Plans, Review of Current Committee Recommendations, Discussion of Committee Recommendation Areas and Proposed Action Teams. The meeting will take place on Tuesday, March 5, 2013, 9:00 a.m. to 5:00 p.m. ET at NASA Headquarters, 300 E Street SW, Room 7H45-A, Washington, DC. It is open to the public up to the seating capacity of the room. Attendance is also possible via teleconference or WebEx. Any interested person should contact Erika Vick, below, for information about participating via teleconference and/ or WebEx no later than 12:00 p.m. E.T., March 1, 2013. Presentations from previous committee meetings can be found at [http://www.nasa.gov/offices/nac/EPO_Meetings.html](http://www.nasa.gov/offices/nac/EPO_Meetings.html).


- **National Aeronautics and Space Administration:** NASA Advisory Council; Aeronautics Committee; Meeting

  Notice announcing a public meeting of the NASA Advisory Council; Aeronautics Committee. The meeting will be held on Thursday, February 28, 2013 from 9:00 a.m. to 4:00 p.m.; and Friday, March 1, 2013 from 8:30 a.m. to 12:15 p.m. to solicit advice and guidance from the aeronautics community, and other persons, research and technical information relevant to program planning.


- **National Science Foundation:** Advisory Committee for Environmental Research and Education

  Notice of an open meeting to provide advice, recommendations, and oversight concerning support for environmental research and education. The agenda is scheduled to include: March 13, 2013 Update on NSF environmental research and education activities, Update on national and international collaborations, Update on NSF’s Science, Engineering and Education for Sustainability Portfolio (SEES); March 14, 2013 Update on NSF priority areas, Meeting with the NSF Director, Dr. Subra Suresh. The meeting will take place on March 13, 2013, 9:00 a.m.-5:00 p.m., and March 14, 2013, 9:00 a.m.-2:00 p.m. at Stafford I, Room 1235, National Science Foundation, 4201 Wilson Blvd., Arlington, Virginia. Minutes may be obtained from the contact person listed below.

**Weekly Funding Opportunities**

February 18, 2013

- **National Science Foundation; Multiple Directorates:** Enhancing Access to the Radio Spectrum

  Notice seeking proposals to identify bold new concepts with the potential to contribute to significant improvements in the efficiency of radio spectrum utilization, and in the ability for traditionally underserved Americans to benefit from current and future wireless-enabled goods and services. Proposals are due May 14, 2013. Approximately $36.5 million is available to support 30 awards.


- **U.S. Agency for International Development:** Land Use Change and Disease Emergence

  Notice seeking concept papers that provide analysis of evidence based models capable of valuing disease modulating effects of intact ecosystems; and cost savings techniques for avoiding disease outbreaks as a function of land use. Concept papers are due on March 4, 2013.


- **U.S. Department of Agriculture; Foreign Agricultural Service:** Scientific Cooperation Exchange Program with People's Republic of China

  Notice seeking applications to participate in the Scientific Cooperation Exchange Program (SCEP) with the People's Republic of China (PRC) for FY 13. SCEP supports mutual exchanges of U.S. and Chinese research teams for up to 14 days in order to transfer knowledge and technology in agriculture and promote agricultural cooperation, development, and trade. Priority will be given to innovative proposals that address new animal biotechnologies; crop breeding advances for drought tolerance, pesticide residue management, swine genetics, and Ug99 Black Stem Rust. Applications are due March 12, 2013. SCEP is a cost share program. The U.S. team is responsible for the international airfare between the United States and China. The PRC Ministry of Agriculture will cover all in-country program related expenses, including lodging, transportation, meals, translations, and cultural activities, however, U.S. Teams will not receive direct funds and should not list expenses in the proposal. USDA does not provide funding to U.S. Teams. Approvals to accept MOA's in-kind contributions should be obtained prior to submitting an application. USDA plans to accept five proposals, for one team each, in fiscal year 2013.


- **U.S. Department of Agriculture; National Institute of Food and Agriculture:** Organic Transitions Program

  Notice seeking applications to support 1) the development of educational tools for Cooperative Extension personnel and other agricultural professionals who advise producers on organic practices and 2) the development of cultural practices and other allowable alternatives to substances recommended for removal from the National Organic Programs National List of Allowed and Prohibited Substances. Practices and systems to be addressed include those associated with organic crops, organic animal production, and organic systems integrating plant and animal production. Notices of intent are requested and due March 1, 2013. Applications are due April 5, 2013. Approximately $3.7 million is available to support five to six awards.


- **U.S. Department of Defense; Defense Advanced Research Projects Agency; Information Innovation Office:** DARPA-BAA-13-16 Active Authentication (AA) Phase 2

  Notice seeking proposals for novel, software-based biometric modalities, in support of a new authentication application for Department of Defense (DoD) information technology (IT) devices. Proposals are due April 2, 2013. Multiple awards are anticipated. Eligibility is unrestricted.


- **U.S. Department of Defense; Defense Advanced Research Projects Agency; Microsystems Technology Office:** Vanishing Programmable Resources (VAPR)

  Notice seeking proposals to develop the materials, devices, components, integration and manufacturing approaches to create a revolutionary capability in transient electronics. The primary goal of the program is to enable transient electronics that can perform in a manner comparable to commercial-off-the-shelf (COTS) systems, but with limited device persistence that can be programmed, adjusted in real-time, triggered, and/or sensitive to the deployment environment. Proposal abstracts are due March 19, 2013. Proposals are due May 14, 2013. Approximately up to $25 million is available.


- **U.S. Department of Defense; Department of the Air Force; Air Force Office of Scientific Research:** Military Medical Photonics Program

  Notice seeking proposals for research that is aimed at using lasers and other light source technology to develop applications in medicine, photobiology, surgery, and closely related materials sciences. Proposals are due April 30, 2013. Approximately up to $3 million is available to support three awards.

• **U.S. Department of Energy; Idaho Field Office**: Advanced Reactor Research and Development

Notice seeking applications for the accomplishment of R&D in support of specific needs identified through the Advanced Reactor Concepts Technical Review Panel process. Applicants are expected to provide a proposed R&D plan for their planned activity, including expected accomplishments, a timeline for performance, and anticipated costs for the accomplishment of the proposed work. Letters of intent are requested and due March 20, 2013. Applications are due April 16, 2013. Approximately $3 million is available to support three to six awards. Partnership opportunities exist for colleges and universities. Cost share is at least 20%.

**Links:** Grants.gov notice [http://www07.grants.gov/search/search.do?mode=VIEW&oppId=220554](http://www07.grants.gov/search/search.do?mode=VIEW&oppId=220554)


Notice seeking proposals to provide tools and technologies research, development and demonstration to support the Cybersecurity for Energy Delivery Systems Program (CEDS) within the Power Systems Engineering Research and Development (PSE R&D) Division of the Office of Electricity Delivery and Energy Reliability by developing partnerships throughout the energy sector, government, national laboratories and universities to reduce the risk of energy delivery disruption resulting from a cyber event. Proposals should focus on research, development and demonstration of tools and technologies that align with the strategic framework of the energy sector's Roadmap, address Roadmap milestones and work toward achieving the Roadmap vision. Proposals are due April 5, 2013. Approximately $20 million is available to support five to eight awards.