ARTS, HUMANITIES AND INTERNATIONAL

• U.S. Department of Health and Human Services; National Institutes of Health; National Cancer Institute: Feed the Future Agriculture Technology Transfer

Notice seeking applications proposing technically innovative feasibility studies focused on the advanced development and validation of cancer-relevant technologies that address issues related to pre-analytical variations in the collection, processing, handling, and storage of biospecimens or their derivatives. The overall goal is to develop technologies capable of interrogating and/or maximizing the quality and utility of biospecimens or their derived samples for downstream analyses. Letters of intent are requested and due January 20, 2013; April 20, 2013; August 20, 2013. Applications are due February 20, 2013; May 20, 2013; September 20, 2013. Approximately $700,000 is available to support two awards.


EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

• U.S. Department of Education; Office for Civil Rights: Equity and Excellence Commission

Notice announcing an open meeting of the Equity and Excellence Commission to collect information, analyze issues, and obtain broad public input regarding how the Federal government can increase educational opportunity by improving school funding equity. The Commission will also make recommendations for restructuring school finance systems to achieve equity in the distribution of educational resources and further student performance, especially for the students at the lower end of the achievement gap. The meeting will be held November 27 and 28, 2012 from 9:00am to 4:00pm at the National Museum of the American Indian at Fourth Street & Independence Ave. SW., Washington, DC 20560. The Commission will meet in the Patron's Lounge of the museum on November 27 and in the museum's fourth-floor conference room on November 28.


• U.S. Environmental Protection Agency; Office of Environmental Information: Increasing Community Awareness and Use of Environmental Information through Education and Outreach

Notice seeking applications for projects that will provide key audiences with an opportunity to attain a greater understanding of Toxics Release Inventory data and other related toxic chemical information. This announcement is consistent with the purpose of TRI which is to provide the public and local governments with information concerning potential chemical hazards present in their communities. Applications are due March 1, 2013. Approximately $1 million is available to support one award.


HEALTH and MENTAL HEALTH

• U.S. Department of Defense; Department of the Navy; Naval Health Research Center; Department of Defense HIV/AIDS Prevention Program: FY13 - FY14 Department of Defense HIV/AIDS Prevention Program: Military Specific HIV/AIDS Prevention, Care, and Treatment Program for non-PEPFAR (President's Emergency Plan for AIDS Relief) Funded Countries

Notice seeking proposals for rapidly extending HIV/AIDS services in non-PEPFAR countries. Respondents are encouraged to target specific needs with a practical business plan, using small grass-roots organizations to provide community-based services as a way to enhance organic capabilities and sustainability. Proposals will be accepted and reviewed on a rolling basis until September 30, 2014. Multiple awards anticipated. Eligibility is unrestricted.


• U.S. Department of Health and Human Services; Health Resources and Services Administration: Medicare Rural Hospital Flexibility Program Evaluation Cooperative Agreement

Notice seeking applications (1) to provide a mechanism for monitoring and evaluating the Medicare Rural Hospital Flexibility (Flex) grant program, and (2) to provide resources for the state Flex grantees that will assist them as they support quality improvement, financial and operational improvement, and health systems development in rural America. Applications are due January 14, 2013. Approximately $1 million is available to support one award.

• U.S. Department of Health and Human Services; Health Resources and Services Administration; Division of Nursing: Nurse Anesthetist Traineeship Program (NAT)

Notice seeking applications to provide traineeship support for licensed registered nurses enrolled as full-time students in a masters or doctoral nurse anesthesia program. Traineeships will pay all or part of the costs of the tuition, books, fees, and the reasonable living expenses of the individual during the period for which the traineeship is provided. Applications are due December 17, 2012. Approximately $225,000 is available to support up to 80 awards.


• U.S. Department of Health and Human Services; National Institutes of Health: Early-Stage Innovative Molecular Analysis Technology Development for Cancer Research (R21)

Notice seeking applications proposing exploratory research projects focused on the inception and development of early stage, highly innovative, technologies or emerging technologies with significant transformative potential that has not yet been explored in a cancer-relevant use. An emerging technology is defined (for the purpose of this FOA) as one that has passed the initial developmental stage, but has not yet been evaluated within the context of a cancer-relevant intended use and requires significant modification for the proposed application. Letters of intent are requested and due January 20, 2013; April 20, 2013; August 20, 2013. Applications are due February 20, 2013; May 20, 2013; September 20, 2013. Approximately $5 million is available to support 25 awards in FY 2014.


• U.S. Department of Health and Human Services; National Institutes of Health; Eunice Kennedy Shriver National Institute of Child Health and Human Development: Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Predoctoral Training Program in Systems Developmental Biology (T32)

Notice seeking applications for predoctoral NRSA T32s to provide research training in systems biology of developmental biology and/or structural birth defects research. Letters of intent are requested and due April 25, 2013; April 25, 2014; and April 25, 2015. Applications are due May 25, 2013; May 25, 2014; and May 25, 2015. The program expires May 26, 2015.


• U.S. Department of Health and Human Services; National Institutes of Health; Multiple Institutes: Administrative Supplements for Research on Sex/Gender Differences (Admin Supp)

Notice announcing the availability of administrative supplements to support research highlighting the impact of sex/gender differences (or similarities) in human health, including behavioral, clinical or preclinical studies. Included are studies relevant to the pathophysiology, clinical presentation, prevention, or treatment of disease. The proposed research should address the objectives of the NIH Strategic Plan for Women's Health and Sex Differences Research. Applications are due January 11, 2013. Please see full solicitation for list of eligible parent award codes. Approximately $3.5 million is available to support multiple awards.


• U.S. Department of Health and Human Services; National Institutes of Health; National Cancer Institute: Early-Stage Development of Innovative Technologies for Biospecimen Science (R21)

Notice seeking applications proposing technically innovative feasibility studies focused on early-stage development of technologies that address issues related to pre-analytical variations in the collection, processing, handling, and storage of cancer-relevant biospecimens or their derivatives. The overall goal is to develop technologies capable of interrogating and/or maximizing the quality and utility of biospecimens or samples derived from those biospecimens for downstream analyses. Letters of intent are requested and due January 20, 2013; April 20, 2013; August 20, 2013. Applications are due February 20, 2013; May 20, 2013; September 20, 2013. Approximately $800,000 is available to support four awards.


• U.S. Department of Health and Human Services; National Institutes of Health; National Cancer Institute: Validation and Advanced Development of Emerging Molecular Analysis Technologies for Cancer Research (R33)

Notice seeking applications on the advanced development of emerging molecular and cellular analysis technologies and technical/analytical validation in an appropriate cancer-relevant biological system. Letters of intent are requested and due January 20, 2013; April 20, 2013; August 20, 2013. Applications are due February 20, 2013; May 20, 2013; September 20, 2013. Approximately $3.5 million is available to support 10 awards for FY 2014.

Weekly Funding Opportunities

November 19, 2012

• **U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Environmental Health Sciences: Superfund Hazardous Substance Research and Training Program (P42)**

Notice seeking applications to support problem-based, solution-oriented research Centers that consist of multiple, integrated projects representing both the biomedical and environmental science disciplines; as well as cores tasked with administrative, community engagement, research translation, research support, and training functions. Letters of intent are requested and due March 8, 2013. Applications are due April 10, 2013. Approximately $10 million is available to support up to five awards. LIMITED SUBMISSION: Only one application per accredited institution of higher education is allowed.


• **U.S. Department of Health and Human Services; National Institutes of Health; National Institute on Aging: Age-Related Changes in Osteoimmunology (R01)**

Notice seeking applications that propose extension of research activities on osteoimmunology in order to broaden our understanding of aging aspects of osteoimmunology, using animal models. Letters of intent are requested and due January 7, 2013. Applications are due February 7, 2013. Approximately $1 million is available to support up to five awards in FY 2013.


• **U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Mental Health: Interagency Autism Coordinating Committee (IACC) Subcommittee for Services Research and Policy**

Notice seeking applications that provides technical and financial assistance to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands. Applications are due September 28, 2013.


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

• **National Aeronautics and Space Administration: NASA HEADQUARTERS COMMON INSTRUMENT INTERFACE GUIDELINES FOR HOSTED PAYLOAD OPPORTUNITIES WORKING MEETING**

Notice announcing the upcoming Common Instrument Interface (CII) Guidelines Working Meeting. The purpose of the Working Meeting is to discuss technical aspects of hosting NASA science instruments and technology demonstration payloads on civil and commercial spacecraft. The meeting will be held December 13, 2012, from 8:00 a.m. to 5:00 p.m. at the James E. Webb Auditorium at NASA Headquarters, 300 E Street, SW, Washington, DC.

**Links:** FBO notice [https://www.fbo.gov/index?s=opportunity&mode=form&id=fdaf6f5e2aff161a90a3d9d063007a7a&tab=core&_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=fdaf6f5e2aff161a90a3d9d063007a7a&tab=core&_cview=0)

• **National Aeronautics and Space Administration; Science Mission Directorate: Exploration Technology Demonstration and National Lab Utilization Enhancements**

Notice seeking proposals for the development of experiment hardware with enhanced capabilities; modification of existing hardware to enable increased efficiencies (crew time, power, etc.); development of tools that allow analyses of samples and specimens on orbit; enhanced ISS infrastructure capabilities (ex. Communications or data processing); and specific technology demonstration projects as detailed below. Proposals will be accepted through September 30, 2013. Eligibility is unrestricted.


• **National Science Foundation: Astronomy and Astrophysics Advisory Committee**

Notice announcing a meeting to provide advice and recommendations to the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA) and the U.S. Department of Energy (DOE) on issues within the field of astronomy and astrophysics that are of mutual interest and concern to the agencies. The meeting will be held November 30, 2012, 8:30 a.m.-5:00 p.m.; December 1, 2012, 8:30 a.m.-1:00 p.m. at the National Science Foundation, Room 1225, Stafford I Building, 4201 Wilson Blvd., Arlington, VA, 22230.

**Weekly Funding Opportunities**

**November 19, 2012**

- **U.S. Department of Agriculture; National Institute of Food and Agriculture; Agriculture and Food Research Initiative:** Agriculture and Food Research Initiative: Agriculture and Natural Resources Science for Climate Variability and Change

  Notice seeking applications to adapt agroecosystems and natural resource systems to climate variability and change and implement mitigation strategies in those systems. Specific program areas are designed to achieve the long-term outcome of reducing the use of energy, nitrogen, reducing GHG emissions from practices, and water in the production of feed, fiber, and fuel; reduce GHG emissions from these agroecosystems; and increase carbon sequestration. Project types supported within this RFA include multi-function integrated research, education, and/or extension projects and Food and Agricultural Science Enhancement Grants. Letters of intent are required and due December 31, 2012. Applications must be submitted on the deadline date indicated in the Program Area Descriptions section. Approximately $12 million is available.


- **U.S. Department of Defense; Department of the Air Force; Air Force Research Laboratory:** Human Interface Research and Technology (HIRT)

  Notice seeking proposals to increase warfighter lethality and enhance combat survivability while reducing information processing demands through revolutionary human interface technology. Proposals are due December 14, 2012. Approximately $60.1 million is available to support one or more awards.

  **Links:** FBO notice [https://www.fbo.gov/index?s=opportunity&mode=form&id=5dccc6a7e3e190f836f8c71ef3c7ab474&tab=core&_cview=1](https://www.fbo.gov/index?s=opportunity&mode=form&id=5dccc6a7e3e190f836f8c71ef3c7ab474&tab=core&_cview=1)

- **U.S. Department of Energy::: RFI - Designation Program for Solar Energy Stakeholders**

  Notice seeking information on the design and implementation of a potential multi-stakeholder solar designation program, and to investigate the possible effectiveness of such a program to incentivize positive changes that eliminate market inefficiencies, lower costs, and increase solar deployment. Responses are due December 14, 2012.


- **U.S. Department of Energy; Office of Nuclear Energy:** Nuclear Energy Advisory Committee

  Notice announcing a meeting of the Nuclear Energy Advisory Committee. The purpose of the meeting is to provide advice on complex scientific, technical, and policy issues that arise in the planning, managing, and implementation of DOE's civilian nuclear energy research programs. The meeting will be held Thursday, December 6, 2012; 8:30 a.m.-4:00 p.m. L'Enfant Plaza Hotel, 480 L'Enfant Plaza, SW., Washington, DC 20024.


- **U.S. Department of Energy; Office of Science:** President's Council of Advisors on Science and Technology

  Notice announcing a meeting of the President's Council of Advisors on Science and Technology. The purpose of the meeting is to augment the science and technology advice available to him from inside the White House and from cabinet departments and other Federal agencies. The meeting will be held November 30, 2012, 9:00 a.m. to 12:30 p.m. at the National Academy of Sciences, 2101 Constitution Avenue NW, Washington, DC (in the Lecture Room).


- **U.S. Environmental Protection Agency; Office of Environmental Information:** Desalination and Water Purification Research and Development (DWPR) Pre-proposal Solicitation

  Notice seeking applications for projects that will provide key audiences with an opportunity to attain a greater understanding of Toxics Release Inventory data and other related toxic chemical information. This announcement is consistent with the purpose of TRI which is to provide the public and local governments with information concerning potential chemical hazards present in their communities. Applications are due March 1, 2013. Approximately $1 million is available to support one award.


- **U.S. Department of the Interior; Fish and Wildlife Service:** Coastal Program

  Notice seeking applications that provides technical and financial assistance to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands.

  Applications are due September 28, 2013.