**ARTS, HUMANITIES AND INTERNATIONAL**

- **National Endowment for the Arts: NEA Art Works Applications, FY 2014**

  Notice seeking applications to support a variety of institutional artistic initiatives, including, but not limited to, museums, dance, theater, research, and musical arts. Direct awards to individuals are made only through Literature Fellowships, NEA Jazz Masters Fellowships, and NEA National Heritage Fellowships in the Folk & Traditional Arts. Applications are due March 7 and August 8, 2013. Award amounts vary based on discipline, but typically range from $10,000 to $100,000 per year. LIMITED SUBMISSION: An organization may submit only one application in most cases. See [http://www.arts.gov/grants/apply/GAP14/Eligibility.html#challengelim](http://www.arts.gov/grants/apply/GAP14/Eligibility.html#challengelim) for clarification.


- **National Endowment for the Arts: NEA Challenge America Fast-Track Application, FY 2014**

  Notice seeking applications that support primarily to small and mid-sized organizations for projects that extend the reach of the arts to underserved populations -- those whose opportunities to experience the arts are limited by geography, ethnicity, economics, or disability. Grants are available for professional arts programming and for projects that emphasize the potential of the arts in community development. Applications are due May 23, 2013. Awards are $10,000 and require a minimum $10,000 match. Organizations that have received Challenge grants in FY 2011, 2012, and 2013 are ineligible to reapply until 2014. While not required, applicants are encouraged to consider partnerships among organizations, both in and outside of the arts, as appropriate to their project. LIMITED SUBMISSION: An organization may submit only one application in most cases. See [http://www.arts.gov/grants/apply/GAP14/Eligibility.html#challengelim](http://www.arts.gov/grants/apply/GAP14/Eligibility.html#challengelim) for clarification.


- **National Endowments for the Humanities; Division of Public Programs: Programming Grants to Accompany NEH on the Road Exhibitions**

  Notice seeking applications that support ancillary public humanities programs to accompany NEH on the Road traveling exhibitions. Applications are due May 9, 2013, September 12, 2013, and December 31, 2013. Successful applicants will be awarded a grant of $1,000. An institution is eligible to apply only if it is a nonprofit organization with IRS tax-exempt status and has already received a confirmed booking for one of the NEH on the Road exhibitions through Mid-America Arts Alliance. Information on how to apply for bookings can be found at [http://www.nehontheroad.org/SiteResources/Data/Templates/t1.asp?docid=543&DocName=Home](http://www.nehontheroad.org/SiteResources/Data/Templates/t1.asp?docid=543&DocName=Home).


**EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT**

- **U.S. Department of Commerce; National Institute of Standards and Technology: Notice of Public Meeting of the Visiting Committee on Advanced Technology**

  Notice announcing a public meeting of the Visiting Committee on Advanced Technology (VCAT). The VCAT is composed of fifteen members appointed by the Under Secretary of Commerce for Standards and Technology who are eminent in such fields as business, research, new product development, engineering, labor, education, management consulting, environment, and international relations. The purpose of this meeting is for the VCAT to review and make recommendations regarding general policy for NIST, its organization, its budget, and its programs. The meeting will take place on February 6, 2013, from 11:00 a.m. to 5:00 p.m. (ET), and February 7, 2013, from 8:30 a.m. to 11:15 a.m. (ET) in the Portrait Room, Administration Building, NIST, 100 Bureau Drive, Gaithersburg, MD.


- **U.S. Department of Education; Office of Innovation and Improvement: Office of Innovation and Improvement (OII): Magnet Schools Assistance Program CFDA-84.165A**

  Notice seeking proposals to support magnet schools that are part of an approved desegregation plan designed to meet the objectives of the Elementary and Secondary Education Act (ESEA), which supports state and local efforts to enable all elementary and secondary students to achieve high standards and holds schools, LEAs, and States accountable for ensuring student success. Letters of intent are strongly encouraged by January 30, 2013. Applications are due on March 1, 2013. A pre-application webinar will be held on January 17, 2013, from 1 p.m. to 4 p.m. (ET). Registration information for the webinar will be posted on the Magnet Schools Assistance Program website [http://www2.ed.gov/programs/magnet/index.html](http://www2.ed.gov/programs/magnet/index.html) by January 9, 2013. Approximately $99.6 million is available for 40 awards. Eligibility is limited to eligible local educational agencies (LEAs) and consortia of LEAs, but opportunities may exist for colleges and universities to partner.

Notice seeking applications to stimulate technological innovation in the private sector; encourage participation in innovation and entrepreneurship by socially and economically disadvantaged persons; strengthen the role of small business in meeting federal research and development (R&D) needs; and increase private-sector commercialization of innovations derived from the U.S. Department of Education. Applications are due by March 1, 2013. Approximately $75,000 is available per award for 15 awards for six months. Phase I awards are to determine scientific or technical merit, feasibility, and commercial potential of R&D projects. All SBIR projects funded by the National Institute on Disability and Rehabilitation Research must address the needs of individuals with disabilities. Eligibility is limited to small businesses, but opportunities exist for colleges and universities to partner.


Notice seeking applications to improve community safety by designing and implementing effective, comprehensive approaches to addressing crime within a targeted neighborhood as part of a broader strategy to advance neighborhood revitalization through cross-sector community-based partnerships. Applications are due March 4, 2013. The amount and award vary by category. Non-profit organizations are eligible. This cross-sector partnership must designate one agency or organization as the fiscal agent.


Notice seeking proposals to fund basic scientific research in the physical, life, and cognitive sciences that is designed to increase the knowledge underlying forensic science disciplines intended for use in the criminal justice system. Proposals should describe the anticipated impact of the basic scientific research on one or more forensic science disciplines. Applications are due April 1, 2013. Funding required in any fiscal year should not exceed $500,000. In FY 2012, the average forensic science research and development award size was approximately $195,000 per year, and the average project period was two years. NJJ is interested in funding new investigators in forensic science research, and in some circumstances, be given special consideration in award decisions.


Notice seeking applications to support applied research and development projects that will increase knowledge and understanding necessary to guide forensic science policy and practice, or result in the production of useful materials, devices, systems, or methods that have the potential for forensic application, particularly at the State and local levels. Focus is on development of highly discriminating, accurate, reliable, cost-effective, and rapid methods for the identification, analysis, and interpretation of physical evidence for criminal justice purposes. Applications are due on April 1, 2013. Funding required in any fiscal year should not exceed $500,000. In FY 2012, NJJ provided over $15 million in grants to fund research and development projects related to forensic science, including DNA. The average forensic science research and development award size was approximately $195,000 per year, and the average project period was two years.


**HEALTH and MENTAL HEALTH**

**U.S. Department of Health and Human Services; Substance Abuse and Mental Health Services Administration:** Planning Grants for Expansion of the Comprehensive Community Mental Health Services for Children and Their Families

Notice seeking applications to provide a strategic plan for mental health and other services that will link and integrate efforts to improve children's health and behavior functioning. The plan must also detail collaborative efforts with other child serving entities such as child welfare, education, juvenile justice, substance abuse, and primary care and how it will address disparities in access, services use, and outcomes for underserved populations. Applications are due March 1, 2013. Approximately $11 million is available to support 13 awards over one year. Eligibility is limited to states, but opportunities may exist for colleges and universities to partner.

U.S. Department of Interior; Fish and Wildlife Service: Support of Competitive Research (SCORE)

Notice seeking proposals to provide long-term protection, restoration, and enhancement of wetlands and associated uplands habitats for the benefit of all wetlands-associated migratory birds. Proposals are due on March 1, 2013 and July 26, 2013. Total funding for the U.S. Standard Grants Program in FY 2012 was $43 million. There is a 1:1 matching requirement. No funding is provided for research activities.


SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

National Science Foundation; Directorate for Engineering; Division of Civil, Mechanical, and Manufacturing Innovation: Sensors and Sensing Systems

Notice seeking proposals for fundamental research on sensors and sensing systems. Such fundamental research includes the discovery and characterization of new sensing modalities, fundamental theories for aggregation and analysis of sensed data, fundamentally new approaches for data transmission, and approaches for addressing uncertain and/or partial sensor data. Innovative research in nonlinear prediction, filtering and estimation in the context of sensing systems is also considered in this program. Proposals are due by February 15 and October 1, 2013. After October 1, 2013, the annual submission dates are February 15 and October 1.


National Science Foundation; Directorate for Engineering; Division of Civil, Mechanical, and Manufacturing Innovation: Materials Processing and Manufacturing

Notice seeking proposals for fundamental, hypothesis-driven research on the interrelationship of materials processing, structure, properties, performance and process control. Analytical, experimental, and numerical studies are supported, including novel processing methods for any materials system (metals, polymers, ceramics, hybrids, composites, etc.). Research that addresses multi-scale and/or multi-functional materials systems is encouraged as is research in support of environmentally-benign manufacturing. Proposals are due by February 15 and October 1, 2013. After October 1, 2013, the annual submission dates are February 15 and October 1.


National Science Foundation; National Coordination Office for Networking Information Technology Research and Development: Broadening Participation in Engineering

Notice extending the public comment period on technological developments in federal cybersecurity research and development since the release of the 2011 Federal Cybersecurity Research and Development Strategic Plan (see http://www.nitrd.gov/Publications/PublicationDetail.aspx?pubid=39). The strategic plan is being executed by all of the agencies conducting and funding Federal cybersecurity research, including DARPA, Department of Homeland Security, Department of Energy, IARPA, National Institute of Standards and Technology, National Security Agency, National Science Foundation, and the Department of Defense. Comments are due by January 11, 2013. The comments will be used in the assessment of future needs and directions in federal cybersecurity research and development. An informational webcast was held on November 27, 2012 (see http://www.twoworldwide.com/events/nsf/121127/)


Notice seeking applications to identify and support proactive restoration project(s), which use a habitat-based approach to foster species recovery and increase fish production. Applications are due on February 19, 2013. Applications must demonstrate how the proposed habitat restoration actions will help recover threatened and endangered species listed under the Endangered Species Act, sustain or help rebuild fish stocks managed under the Magnuson-Stevens Fishery Conservation and Management, or benefit other coastal and marine species with a nexus to NMFS management. Applications must propose to work on target species with a nexus to NOAA management, namely marine and estuarine species and diadromous fish species. Approximately $20 million is available for two or three awards of up to $5 million over a five-year period.


U.S. Department of Defense; Defense Advanced Research Projects Agency; Strategic Technology Office: 100 Gb/s RF Backbone (100G)

Notice seeking innovative research proposals for developing a communications link capable of transmitting data at a rate of 100 Gb/s within a single radio frequency channel. The proposed program, 100G, should investigate innovative approaches for using high-order modulation together with spatial multiplexing to achieve spectral efficiencies greater than 20 bits-per-second-per hertz. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice. Proposal Abstracts are due for TA-3 (Related Experimental Studies) only on January 31, 2013. Full proposals for TA-1 (High-Order Modulation at Millimeter-wave Frequencies); and/or TA-2 (Spatial Multiplexing at Millimeter-wave Frequencies) are due on February 19, 2013; and proposals for TA-3 are due on March 21, 2013. Approximately $18 million is available for Phase 1. Multiple awards are anticipated for each of the three technical areas in Phase 1 (Technology Development and Demonstration).

Links: FBO notice https://www.fbo.gov/?=opportunity&mode=form&id=732a6bb9dd43e12a7a2906adab84b28e&tab=core&_cview=0