

Funding Bulletin

Funding Opportunities for Research, Instruction, Service, Creative Activities
Fellowships and International Programs

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Program Information

To receive program descriptions and application forms for funding opportunities, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: bbpage@ksu.edu

GENERAL

14-1 Counterterrorism Forensic Science R&D (DOJ)

The Federal Bureau of Investigation (FBI) is soliciting proposals under a Broad Agency Announcement for innovative research and development projects to advance the capabilities of Counterterrorism and Forensic Science. In order for the FBI Laboratory to continue to serve as the technical leader in the criminal justice community, it turns to outside expertise to address advanced forensic applications and initiatives. A more detailed description of each area of interest and format of submissions is included in the Proposal Information Packet. BAA-958557 (FBO 4/2/04)

URL: <http://www.fedbizopps.gov/>
Deadline: 5/17/2004

14-2 21st Century Science Initiative - Collaborative Activity Awards (McDonnell)

The 21st Century Science Initiative supports research in three program areas: 1) Bridging Brain, Mind, and Behavior; 2) Studying Complex Systems; and 3) Brain Cancer Research. The James E. McDonnell Foundation offers Collaborative Activity Awards to initiate interdisciplinary discussions on problems or issues, to help launch interdisciplinary research networks, or to fund communities of researchers/practitioners dedicated to developing new methods, tools, and applications of basic research to applied problems. (GA 04/04)

URL: <http://www.jsmf.org/programs/>
Deadline: Open

ARTS & HUMANITIES

14-3 Grants in Architecture and Related Arts (Graham)

Graham Foundation Grants are offered to individuals and institutions in support of activities that focus on architecture and the built environment and that lead to the public dissemination of ideas through publication, exhibition, or educational programming. In the past, the Foundation has supported a variety of endeavors, including research by scholars; grants to architectural schools for special projects, enrichment programs, or new curricula;

grants to museums, schools, and libraries for exhibitions, catalogues, and, in rare cases, for acquisitions; and support for publications, usually to help make an important publication better or more affordable. (GA 04/04)

URL: <http://www.grahamfoundation.org>
Deadline: 7/15/2004, 1/15/2004

14-4 Preservation Assistance Grants (NEH)

Preservation Assistance Grants help small and mid-size institutions (libraries, museums, and historical societies, archival repositories, town and county records offices, and underserved departments and units within colleges and universities and other larger institutions) improve their ability to preserve and care for their humanities collections. These collections may include special collections of books and journals, archives and manuscripts, prints and photographs, moving images, sound recordings, architectural and cartographic records, decorative and fine arts, textiles, archaeological and ethnographic artifacts, furniture, and historical objects.

URL: <http://www.neh.gov/grants/guidelines/pag.html>
Deadline: 5/17/2004

EDUCATION

14-5 Head Start Programs - Measurement Development; University Partnerships (ACF)

Funds are provided for Head Start - University Partnerships: Measurement Development for Head Start Children and Families, for research activities to develop and test outcome measures to be used with Head Start children and families. The purpose of this announcement is to report the availability of funds to support grants for development of measures to directly assess children and parent-child relationships for low-income children from birth through age five, including culturally and linguistically diverse children and families. Grants will require program-researcher partnerships with Head Start, Early Head Start, or related programs. HHS-2004-ACF-OPRE-YF-0001 (FR 4/1/04)

URL: <http://www.acf.dhhs.gov/>
Deadline: Letters of Intent 5/7/2004;
Applications 6/1/2004

14-6 Head Start Graduate Student Research Grants (ACF)

The purpose of this announcement is to report the availability of funds for Head Start Graduate Student Research Grants to support field-initiated research activities in partnership with Head Start programs. While the specific topics addressed under these Graduate Student

Research Grants are intended to be field-initiated, applicants who address issues of both local and national significance will be most likely to succeed. Some illustrative examples of such topics include, but are not limited to, the areas of school readiness, children's mental health, serving an increasingly culturally and linguistically diverse population of children and families, and promoting child well-being by strengthening responsible fatherhood and healthy marriages in Head Start families. HHS-2004-ACF-OPRE-YD-0004 (FR 04/1/04)

URL: <http://www.acf.dhhs.gov/>
Deadline: 6/1/2004

14-7 Head Start Graduate Student Research Partnership Development Grants (HHS)

This is to announce the availability of Head Start Graduate Student Research Grant funds to support graduate students' efforts to create, develop, and/or enhance ongoing research partnerships with Head Start programs in good standing. In recognition of these facts, ACF recently established a new funding mechanism designed to facilitate the entry of more mentor/student teams to the field of Head Start research by encouraging the development of such new research partnerships. It is also intended to support students dedicated to strengthening existing research partnerships. The broad goals of this priority area are similar to those of the Head Start Graduate Student Research Grant program. HHS-2004-ACF-OPRE-YD-0003 (FR 4/1/04)

URL: <http://www.acf.dhhs.gov/>
Deadline: 6/1/2004

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

14-8 Mineral Resources External Research Program (DOI)

The Mineral Resources Program (MRP) of the U.S. Geological Survey (USGS) is offering a grant and/or cooperative agreement opportunity to organizations that have the ability to conduct research in topics that meet the goals of the Mineral Resources Program: 1) Understand the geologic setting and genesis of the Nation's mineral resources in a global context, in order to ensure a sustainable supply of minerals for the Nation's future. 2) Understand the influence of mineral deposits, mineralizing processes, and mineral-resource development on environmental integrity, ecosystems, public health, and geologic hazards. 3) Provide objective information and analysis related to minerals issues to support those who make decisions regarding national security, land use, resource policy, and environmental or public health and safety. 4) Collect, compile, analyze, and disseminate

nate data and develop and maintain national and international databases for timely release of information to users. 5) Apply mineral-resource expertise and technologies to non-mineral-resource issues. 04HQPA0007 (FG 3/30/04)
URL: <http://www.fedgrants.gov>
Deadline: 5/14/2004

14-9 High Energy Laser Educational Outreach (USAF)

The High Energy Laser Joint Technology Office (JTO) in Albuquerque, New Mexico, is interested in receiving proposals from all offerors for the development and operation of an Educational Outreach program. The program goals are to develop, implement, and operate a High Energy Laser (HEL) educational outreach program to establish opportunities for the professional and technical development in HEL technology for the existing workforce, and to foster interest and education of HEL technologies to the future workforce at all educational levels. FA9451-04-1-0297 (FBO 3/30/04)
URL: <http://www.eps.gov>
Deadline: 5/1/2004

14-10 Software and Tools for High-End Computing (ST-HEC) (NSF)

This solicitation is concerned exclusively with high-end software tools for extreme-scale scientific computation, which are highly computation- and data-intensive, and cannot be satisfied in today's typical cluster environment. The target hosts for these tools are systems comprised of thousands to tens of thousands of processors. The ST-HEC program will support innovative research activities aimed at building complex software and tools (on top of the operating system) for high-end architectures. The topics of interests are: Pre-processors and compilers; Software tools for dynamic and adaptive computation; Software tools for job scheduling and resource management; Software tools for debugging and monitoring; Programming and software tools for effective locality-aware computing; and Software tools for adaptive and global memory management. NSF 04-569 (Posted 4/1/04)
URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04569>
Deadline: Letters of Intent 5/14/2004; Proposals 7/7/2004

14-11 Materials Engineering for Affordable New Systems II (MEANS2) (AFOSR)

This program envisions the development of robust materials systems design processes driven by product requirements. Strategies developed will employ generic techniques for coupling calculations and measurements of thermodynamic, structural and kinetic properties of materials with models of microstructural entities that determine macroscopic behavior. Models will employ concepts that link microscale and mesoscale models with continuum descriptions of material

behavior and techniques that employ these descriptions to calculate properties of materials and integrate the results into engineering design software. Uncertainty modeling leading to lifetime prediction and assessment models must be an integral part of this development.
URL: <http://www.afosr.af.mil/oppts/afrfund.htm#research>
Deadline: 8/12/2004

HEALTH & LIFE SCIENCES

14-12 Proteomics: Diabetes, Obesity, and Endocrine, Digestive, Kidney, Urologic, and Hematologic Diseases (NIH)

This Program Announcement encourages projects that advance research to identify and quantitate protein expression patterns, post-translational modification of proteins, and protein-protein interactions on cells, tissues, organ systems to diabetes, obesity, endocrine and metabolic diseases, nutritional function and diseases of the alimentary tract, exocrine pancreas, liver, kidney, bladder and prostate and normal biological processes related to the function of these systems. The development and improvement of innovative proteomic technologies is also encouraged through their application to relevant biological questions related to the pathophysiology of endocrine glands, gastrointestinal tract, liver and kidney, bladder and prostate. PA-04-081 (NIHG 4/2/04)
URL: <http://grants.nih.gov/grants/guide/pa-files/PA-04-081.html>
Deadline: 6/1/2004, 10/1/2004, 2/1/2005

14-13 Pathogenesis of SARS Lung Disease: In Vitro Studies and Animal Models (NIH)

The goal of this program announcement is to invite research applications to rapidly advance understanding of the pathogenesis of severe acute respiratory syndrome (SARS) in the lung using the following: in vitro techniques (especially, using human viral isolates, human tissues and cells, and other biological samples); existing animal models of related coronavirus infections (e.g., porcine respiratory CoV); non-human primate models of SARS; new ferret models of SARS; new rodent models of SARS; and other appropriate animal models of SARS. PA-04-080 (NIHG 4/2/04)
URL: <http://grants.nih.gov/grants/guide/pa-files/PA-04-080.html>
Deadline: 6/1/2004, 10/1/2004, 2/1/2005

14-14 Large-Scale Centers for the Protein Structure Initiative (NIH)

The National Institute of General Medical Sciences (NIGMS) encourages applications for cooperative agreements to support large-scale structural genomics research centers for the determination of unique protein structures. These centers will form one component of the Protein Structure Initiative (PSI) Research Network, the integrated second, or produc-

tion, phase of the PSI (PSI-2). Each large-scale center must perform all tasks of structural genomics in a high-throughput operation to produce a large number of unique protein structures to meet the PSI-2 goals for structural coverage of sequenced genes. RFA-GM-05-001 (NIHG 4/2/04)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-05-001.html>
Deadline: Letters of Intent 9/10/2004; Applications 10/15/2004

14-15 Specialized Centers for the Protein Structure Initiative (NIH)

The National Institute of General Medical Sciences (NIGMS) and the National Center for Research Resources (NCRR) encourage applications for cooperative agreements to support specialized structural genomics research centers for methodology and technology development and new ideas and approaches for protein production and structure determination for classes of challenging proteins. RFA-GM-05-002 (NIHG 4/2/04)
URL: <http://grants.nih.gov/grants/guide/rfa-files/rfa-gm-05-002.html>
Deadline: Letters of Intent 9/10/2004; Applications 10/15/2004

14-16 Research on Autism and Autism Spectrum Disorders (HHS)

The purpose of this program announcement is to encourage grant applications for the support of research designed to elucidate the diagnosis, epidemiology, etiology, genetics, treatment, and optimal means of service delivery in relation to Autistic Disorder (autism) and autism spectrum disorders (Rett's Disorder, Childhood Disintegrative Disorder, Asperger's Disorder, Pervasive Developmental Disorder-Not Otherwise Specified, or Atypical Autism). PA-04-085 (NIHG 04/02/04)
URL: <http://grants.nih.gov/grants/guide/pa-files/PA-04-085.html>
Deadline: 6/1/2004, 10/1/2004, 2/1/2005

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