

# 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](mailto:bbpage@ksu.edu)

### GENERAL

#### 38-1 National Centers for Biomedical Computing (NIH)

Participating Institutes and Centers (ICs) of the National Institutes of Health under the Roadmap initiative invite applications for specialized Centers in the area of biomedical computing. These Centers, in conjunction with individual investigator awards, will create a networked national effort to build the computational infrastructure for biomedical computing in the nation, the National Program of Excellence in Biomedical Computing (NPEBC). The Centers will be devoted to all facets of biomedical computing, from basic research in computational science to providing the tools and resources that biomedical and behavioral researchers need to do their work. In addition to carrying out fundamental research, it is expected that the Centers will play a major role in educating and training researchers to engage in biomedical computing. RFA-RM-04-022 (NIHG 10/1/04)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-022.html>

Deadline: Letters of Intent 12/20/2004;  
Applications 1/24/2005

#### 38-2 Manufacturing Processes of Medical, Dental, and Biological Technologies (SBIR/STTR) (NIH)

This program announcement (PA) must be read in conjunction with the current Omnibus Solicitation of the National Institutes of Health, Centers for Disease Control and Prevention, and Food and Drug Administration for Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Grant Applications. The NIH, CDC and FDA encourage research related to advanced processing in the manufacture of biomedical products and the implementation of new technologies in one medical care. New methods, procedures, measures, and controls are needed for manufacturing a broad range of technologies and products with unsurpassed quality and to lower manufacturing costs for existing and/or new processes. Research is also encouraged that can contribute to the containment and reduction of health care costs and that can improve the cost effectiveness, quality, and accessibility of the health care system. PA-04-161 (NIHG 10/1/04)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-04-161.html>

Deadline: 10/1/2007

### AGRICULTURE

#### 38-3 National Integrated Food Safety Initiative (USDA)

The Cooperative State Research, Education and Extension Office (CSREES) has announced the National Integrated Food Safety Initiative for FY 2005 to support integrated, multifunctional agricultural research, extension, and education activities that address food safety priorities in the U.S. Applications should address a broad spectrum of food safety concerns--from on-farm production, post-harvest processing and distribution, to food selection, preparation and consumption. Applicants are strongly encouraged to assemble a project teams that includes those with expertise in research, extension, and/or education. Special Emphasis Grants priorities are: 1) Control of Listeria monocytogenes in ready-to-eat meats and 2) Food Biosecurity. (FG 10/13/04)

URL: [http://www.csrees.usda.gov/funding/rfas/food\\_safety.html](http://www.csrees.usda.gov/funding/rfas/food_safety.html)

Deadline: Letters of Intent Special Emphasis 11/17/2004; 12/17/2004

#### 38-4 Partnerships for Enhancing Expertise in Taxonomy (NSF)

In partnership with academic institutions, botanical gardens, freshwater and marine institutes, and natural history museums, the National Science Foundation seeks to enhance taxonomic research and help prepare future generations of experts. Through its Special Biennial Competition in Systematic Biology, NSF will support competitively reviewed projects that target groups of poorly known organisms for modern monographic research. Projects must train new taxonomists (two per project minimally) and must translate current expertise into electronic databases and other products with broad accessibility to the scientific community. NSF 04-606 (Posted 8/5/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04606>

Deadline: 3/7/2005

### ARTS & HUMANITIES

#### 38-5 We the People Challenge Grants in United States History, Institutions, and Culture (NEH)

As part of its We the People initiative, NEH invites proposals for challenge grants designated to help institutions and organizations secure long-term improvements in and support for humanities activities focused on exploring significant themes and events in American his-

tory. NEH is particularly interested in projects that advance knowledge of the founding principles of the United States in their full historical and institutional context. Grants may be used to support long-term costs such as construction and renovation, purchase of equipment, acquisitions, and conservation of collections. Grants may also be used to establish or enhance endowments that generate expendable earnings for program activities. Because of matching requirements, these NEH grants also strengthen the humanities by encouraging nonfederal sources of support. Applications are welcome from colleges and universities, museums, public libraries, research institutions, historical societies and historic sites, public television and radio stations, scholarly associations, state humanities councils, and other nonprofit entities. NEH-GRANTS-100704-001 (FG 10/7/04)

URL: <http://www.neh.gov/grants/guidelines/wtpchallenge.html>

Deadline: 2/1/2005

#### 38-6 Funding for Performances By Artists From Mexico (MAAA)

With support from the National Endowment for the Arts, the Mid-American Arts Alliance has funding available for presenters of stage performances by artists from Mexico in the six states of Arkansas, Kansas, Missouri, Nebraska, Oklahoma, and Texas. The subsidy will be up to 50 percent of the artist's contract fee. In addition, the proposed project must take place between September 1, 2004 and August 31, 2005; present professional performing artists from Mexico; include at least one performance open to the general public; include at least one educational activity; and, through its public performance or educational activity, serve audiences that lack access to performing arts and other cultural activities due to geography, economic conditions, ethnic background, disability, age, or other factors.

URL: [http://maaa.org/spec\\_proj/mexico\\_application.pdf](http://maaa.org/spec_proj/mexico_application.pdf)

Deadline: Open

### EDUCATION

#### 38-7 Veterans' Employment and Training Service (DOL)

The U.S. Department of Labor (DOL), Veterans' Employment and Training Service (VETS) announces a competition for the balance of the Veterans' Workforce Investment Program (VWIP) grant funds for Program year (PY) 2004. The VWIP grants under Section 168 of the WIA of 1998 are intended to address one or more of the following three objectives: To provide the One-Stop Career Center system with new and creative service delivery

strategies that address the complex employment problems facing veterans; to provide services to assist in integrating veterans into meaningful employment within the labor force; and/or strategies or conferences designed to address systematic problems with diverse agencies sharing information or to sponsor conferences designed to bring systematic change in skills development recognition that are barriers to veterans entering the workforce. (FR 10/1/04)

**URL:** <http://www.dol.gov/vets>

**Deadline:** 11/1/2004

## **ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES**

### **38-8 AIP State Department Science Fellowships (AIP)**

The American Institute of Physics (AIP) is seeking applicants for the 2005-2006 State Department Fellowship. Qualified scientists at any stage of their career are encouraged to apply. The AIP Fellowship enables scientists to spend a year working in a bureau or office of the U.S. Department of State. The Fellows not only learn about, but become actively involved in, the foreign policy process, while contributing their scientific and technical expertise and analytical capabilities to the Department.

**URL:** <http://www.aip.org/gov/sdf.html>

**Deadline:** 11/1/2004

### **38-9 Emerging Models and Technologies for Computation (EMT) (NSF)**

This cluster seeks to advance the fundamental capabilities of computer and information sciences and engineering by capitalizing on advances and insights from areas such as biological systems, quantum phenomena, nanoscale science and engineering, and other novel computing concepts. To bring fundamental changes to software, hardware and architectural design aspects of future computing models, collaborations among computer scientists, engineers, mathematicians, biologists and other disciplinary scientists are imperative. The cluster supports cross- and inter-disciplinary research and education projects that explore ideas, theory and experiments which go beyond conventional wisdom and venture into a range of uncharted territories. NSF 05-501 (Posted 10/6/04)

**URL:** <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05501>

**Deadline:** 2/4/2005

### **38-10 Theoretical Foundations (TF) (NSF)**

The Theoretical Foundation (TF) cluster is the successor to the Formal and Mathematical Foundations cluster. Projects supported in the TF cluster seek to determine inherent limits of computation and communication, and to obtain optimal solutions within those limits. They address fundamental issues of information science and technology, both within computation

and communications at the interface between these and other disciplines. The cluster is broadly concerned with problems of information processing that fall within the extremes of purely theoretical studies and applications within disciplines. Research and education projects sponsored by the cluster bring advanced capabilities from computer science, scientific computing, communication theory, signal processing theory, mathematics, and application areas to bear on fundamental problems throughout science and engineering. NSF 05-500 (Posted 10/6/04)

**URL:** <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05500>

**Deadline:** 1/5/2005

### **38-11 Solar System Exploration Research Programs (NASA)**

This new Program Element solicits proposals for NASA's Stardust mission, scheduled to return dust samples from Comet P/Wild-2 to Earth in January 2006. NASA is establishing a Stardust Participating Scientists program in order to allow scientists with expertise in sample analysis to participate as members of the Stardust Science Team in the initial analysis during the Preliminary Examination Period. NNH04ZSS001N-AMENDMENT-10 (FBO 9/30/04)

**URL:** [http://research.hq.nasa.gov/code\\_s/nra/current/NNH04ZSS001N/index.html](http://research.hq.nasa.gov/code_s/nra/current/NNH04ZSS001N/index.html)

**Deadline: Letters of Intent 11/3/2004; Applications 1/7/2005**

### **38-12 ONR Young Investigator Program (DOD)**

The Office of Naval Research's Young Investigator Program (YIP) seeks to identify and support academic scientists and engineers who have received Ph.D. or equivalent degrees within the last five years and who show exceptional promise for doing creative research. The objectives of this program are to attract outstanding faculty members of Institutions of Higher Education to the Department of the Navy's research program, to support their research, and to encourage their teaching and research careers. BAA 05-002 (FG 9/29/04)

**URL:** <http://www.onr.navy.mil>

**Deadline:** 1/13/2005

### **38-13 Earth Sciences Research at the National Science Foundation (EAR) (NSF)**

The Division of Earth Sciences has been realigned in two sections: Surface Earth Processes Section and Deep Earth Processes Section. The Geology and Paleontology Program has been reorganized into three disciplinary Programs: Geobiology and Environmental Geochemistry; Geomorphology and Land Use Dynamics; and Sedimentary Geology and Paleobiology. The Division of Earth Sciences (EAR) supports research and education related to the Earth's terrestrial regions, interior, and freshwater systems. Projects

may employ any combination of field, laboratory, and computational studies with observational, theoretical, and experimental approaches. Human resources development and education are expected to be an integral part of most research proposals, but are also eligible for direct support. Multidisciplinary work is strongly encouraged. NSF 04-613

**URL:** <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04613>

**Deadline: Varies**

## **HEALTH & LIFE SCIENCES**

### **38-14 Inflammatory Bowel Disease Research (Broad)**

The Broad Medical Research program (BMRP) will provide rapid funding for up to two years for basic or clinical IBD research projects that: 1) are innovative; 2) are in the early stages of exploration; 3) will improve diagnosis, therapy, or prevention of IBD in the near future; and 4) are not ready for funding by more traditional granting agencies. Requests for funding must be preceded by a brief Letter of Interest (up to 3 pages, not including attachments), which can be submitted at any time and will be reviewed rapidly.

**URL:** <http://www.broadmedical.org>

**Deadline: Open**

### **38-15 Small Grants Program for Cancer Epidemiology (NIH)**

The Division of Cancer Control and Population Sciences (DCCPs) of the National Cancer Institute (NCI) invites Small Grant (R03) applications relating to cancer epidemiology with a primary focus on etiologic cancer research. These are short-term awards intended to provide support for pilot projects, testing of new techniques, or development of innovative projects that could provide a basis for more extended research. PAR-04-159 (NIHG 10/1/04)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PAR-04-159.html>

**Deadline: 11/21/2005**

R.W. Trewyn, Vice Provost for Research & Dean of the Graduate School

Jim Guikema, Associate Vice Provost, Graduate Research

Caron Boyce, Administrative Specialist

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