

# 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 TransCoop Program for Transatlantic Research Collaboration (Humboldt)

Through the TransCoop Program, the Alexander von Humboldt Foundation provides funds for collaborative research between German, U.S. and/or Canadian scholars in the humanities, social sciences, law and economics. The foundation gives priority to new research collaborations. Applications from the natural sciences, including engineering and the life sciences, may be considered if the research topic has a plausible link to the humanities and social sciences.

URL: <http://www.humboldt-foundation.de>  
Deadline: 10/31/2003, 4/30/2004

#### 38-2 Fulbright Scholar Program (CIES)

The Worldwide Fulbright Scholar-in-Residence Program brings visiting scholars and professionals from abroad to lecture at U.S. colleges and universities for one semester or one academic year. The program is especially appropriate for small liberal arts colleges, minority-serving institutions, and community colleges, many of which do not often have the opportunity to host visiting scholars.

URL: <http://www.cies.org/sir/sir.htm>  
Deadline: 11/1/2003

### AGRICULTURE

#### 38-3 Microbial Genome Sequencing Program FY 2004 (NSF)

As a collaborative, interagency effort, the National Science Foundation, and the Cooperative State Research, Education, and Extension Service (CSREES) of the U.S. Department of Agriculture invite research proposals to support high-throughput sequencing of the genomes of microorganisms (including viruses, bacteria, archaea, fungi, oomycetes, protists and agriculturally important nematodes). The availability of genome sequences provides the foundation for understanding how microorganisms function and live, and how they interact with their environments and with other organisms. NSF 03-603

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03603>

Deadline: Letters of Intent 10/15/2003;  
Proposals 12/15/2003

#### 38-4 Undergraduate Mentoring in Environmental Biology (UMEB) (NSF)

This program is designed to enable institutions to create programs that will encourage undergraduate students, especially those from under-represented groups, to pursue a career in environmental biology. In FY2004, the Directorate for Biological Sciences has significantly modified the nature of the program. UMEB still supports Research-Mentoring projects that provide year-round support for undergraduate students to gain research experience in biological sciences related to the environment.

Unlike previous years, planning grants are no longer supported and there is no deadline for submission of travel grants. All projects should emphasize factors that encourage and enable members of under-represented groups to enter and remain in environmental biology, as broadly defined in the Program Solicitation. NSF 03-585

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03585>  
Deadline: 10/31/2003

#### 38-5 Kansas Wheat Commission (KWC)

Kansas Wheat Commission is seeking research proposals for FY2005. KWC is interested in research that has direct market application in these areas of interest: Hard White Wheat; Testing Methods and Procedures; Biotechnology; Producer Profitability Enhancement; Consumer Preferences; and New Wheat Food Uses.

Deadline: AES 10/24/03; 11/1/2003

#### 38-6 Morris Animal Foundation Grants (Morris)

The Morris Animal Foundation improves the health and well-being of companion animals and wildlife by funding humane health studies and disseminating information about these studies. The Foundation is seeking preproposals for research on diseases/care of the following groups: Canine, Equine, Feline, Llama/Alpaca, and Wildlife/Special Species. The Foundation will also fund projects in: Alternative/Complimentary Medicine, Emerging Conditions, Pain Management, Pilot Studies, and Behavior.

URL: <http://www.MorrisAnimalFoundation.org>  
Deadline: 11/3/2003

### ARTS & HUMANITIES

#### 38-7 Individual Advanced Research

#### Opportunities (IREX)

Applications for the 2004-2005 Individual Advanced Research Opportunities (IARO) program are now available. This program provides predoctoral and postdoctoral scholars with fellowships for on-site humanities and policy-relevant research in Europe and Eurasia for two to nine months. Funding for cross-regional humanities research in Mongolia, Iran, and Turkey is also available.

URL: <http://www.irex.org/programs/iaro/application.asp>

Deadline: 11/1/2003

#### 38-8 Grants for Public Art (Gunk)

The Gunk Foundation is interested in supporting projects that make it out of the museum, gallery, and alternative spaces and into the spaces of daily life; for example, work that is shown in the spaces of public transportation, city streets, or work places and is seen by people outside of the art and academic worlds. The Foundation is also interested in work that catches one by surprise—the audience may not plan to be an audience (like planning to go see a movie) but is one inadvertently (the movie is projected on a building that they pass by). It is the foundation's belief that work that is site specific and that cuts into the space of everyday life will have the most profound effect on politicizing the public realm.

URL: <http://www.gunk.org/>  
Deadline: 10/31/2003

### EDUCATION

#### 38-9 Rehabilitation Training: Rehabilitation Long-Term Training (ED)

The Rehabilitation Long-Term Training program provides financial assistance for 1) Projects that provide basic or advanced training leading to an academic degree in areas of personnel shortages in rehabilitation; 2) Projects that provide a specified series of courses or program of study leading to award of certificate in areas of personnel shortages; and 3) Projects that provide support for medical residents enrolled in residency training programs in the specialty of physical medicine and rehabilitation. Priority areas are: Rehabilitation Administration; Rehabilitation Technology; Vocational Evaluation and Work Adjustment; Rehabilitation of Individuals Who Are Deaf or Hard of Hearing; Job Development and Job Placement Services to Individuals With Disabilities. (FR 08/26/03)

URL: <http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/03-21813.htm>

Deadline: 10/27/2003; 12/26/2003

### **38-10 Fund for the Improvement of Postsecondary Education (FIPSE) - Comprehensive Program (ED)**

Priorities are: Projects to improve the quality of K-12 teaching through new models of teacher preparation and through new kinds of partnerships between schools and colleges and universities that enhance students' preparation for, access to, and success in college; Projects to promote innovative reforms in the curriculum and instruction of various subjects at the college preparation, undergraduate, and graduate/professional levels, especially through student-centered or technology-mediated strategies, and including the subject area of civic education; Projects designing more cost-effective ways of improving postsecondary instruction and operations, i.e., to promote more student learning relative to institutional resources expended; and Projects to support new ways to ensure equal access to postsecondary education and to improve rates of retention and program completion, especially for underrepresented students whose retention and completion rates continue to lag behind those of other groups, and especially to encourage wider adoption of proven approaches to this problem. CFDA Nos. 84.116A, 84.116B  
**URL:** <http://www.ed.gov/FIPSE/>  
**Deadline: Preapplications 11/3/2003; Applications 3/22/2004**

### **38-11 Course, Curriculum, and Laboratory Improvement (CCLI)--Assessment (NSF)**

The Course, Curriculum, and Laboratory Improvement CCLI-ASA (or ASA) supports research on assessment, and the development and dissemination of assessment practices, materials (tools), and measures to guide efforts that improve the effectiveness of courses, curricula, programs of study, and academic institutions in promoting student achievement, particularly in science, technology, engineering, and mathematics. ASA also promotes the full integration of assessment with these educational efforts. ASA projects may be integrated with research on learning, particularly research focused in the STEM disciplines. It supports projects in three areas: 1) New Development; 2) Adaptation; 3) Dissemination. NSF 03-584  
**URL:** <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03584>  
**Deadline: 10/29/2003**

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

### **38-12 Science and Technology Program for Competitive Grants to Support Junior Scientist Development Visits by U.S. and Egyptian Scientists (STATE)**

This program will provide modest grants for successfully competitive proposals for development visits by Junior American Scientists to Egypt; and Junior Egyptian Scientists to the United States. Applicants must be scientists who have received their PhD within the past ten years. Priority

areas are: biotechnology, Standards and Metrology, Environmental Technologies, Energy, Manufacturing Technologies and Information Technology.

**URL:** <http://www.usembassy.egnet.net/usegypt/joint-st.htm>  
**Deadline: 10/28/2003**

### **38-13 University Photonics Research Centers (DARPA) (DHS)**

The Defense Advanced Research Projects Agency (DARPA) is soliciting proposals to exploit emerging photonic technologies for use in intelligent microsystems for sensing, communication, processing, and storage of information through the establishment of University-based Photonics Research (UPR) centers. The intent is: first, to lay the foundation of next generation photonics technology; second, to advance applications of photonics technologies beyond traditional domains by forging interdisciplinary links within the centers; and third, to make the centers national resources for expertise and highly trained individuals. RA03-37  
**URL:** <http://www.darpa.mil/>  
**Deadline: 10/24/2003**

### **38-14 Multiple-Objective Optimization for Bridge Management Systems (NCHRP)**

Currently available bridge management systems (BMS) tools compute an optimal solution based on the objective of least long-term cost. Bridge managers are finding that their constituents require bridge conditions to be substantially better than a least long-term cost solution would provide. Research is needed to develop a multiple-objective optimization model. The objectives of this project are to develop methodologies and to produce a BMS software module for network- and project-level optimization of multiple, user-specified performance criteria. Project 12-67  
**URL:** <http://www4.trb.org/trb/crp.nsf/All+Projects/NCHRP+12-67>  
**Deadline: 10/27/2003**

### **38-15 Safety and Operational Impacts of Design Element Trade-Offs (NRC)**

Design standards provide a benchmark for the development of elements that compose a highway design. Realistically, designers are sometimes faced with situations where adherence to standards may not be practical from an engineering, environmental, community, or benefit-cost perspective. The objectives of this project are to 1) quantify the safety and operational impacts of design element trade-offs and their associated risks and 2) develop guidelines to assist designers in making reasonable choices among possible design element trade-offs. The project shall evaluate design element trade-offs encompassing the full range of highway designs, including context-sensitive solutions and common design exceptions.  
**URL:** <http://www4.trb.org/trb/crp.nsf/All+Projects/NCHRP+15-27>  
**Deadline: 10/30/2003**

## **HEALTH & LIFE SCIENCE**

### **38-16 Mechanisms of Mineralization in Bone (HHS)**

This RFA is intended to stimulate and support investigation of the mechanisms that mediate and regulate the incorporation of mineral into bone. Recent observations have underscored the critical contribution of bone mineral to the mechanical properties of bone, including its resistance to fracture. Thus, an improved understanding of the mineralization process could lead to new therapeutic and preventive interventions for reducing the risk of fracture in groups at risk because of bone loss. RFA-AR-04-001 (NIHG 09/05/03)  
**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-AR-04-001.html>  
**Deadline: Letters of Intent 10/21/2003; applications 11/18/2003**

## **SOCIAL SCIENCES**

### **38-17 International Research and Studies Program (ED)**

The International Research and Studies Program provides grants to conduct research and studies to improve and strengthen instruction in modern foreign languages, area studies, and other international fields. ED is particularly interested in applications that meet the following invitational priorities: 1) Research, surveys, studies, or development of instructional materials that serve to enhance international understanding for use at the elementary and secondary education levels, or for use in teacher education programs; 2) The development of instructional materials that are nonbiased, factually accurate and solicitous of diverse views on the Middle East, Central Asia, and South Asia or the languages spoken in these regions; and 3) Studies assessing the outcomes and effectiveness of programs. CFDA No. 84.017A (FR 08/26/03)  
**URL:** <http://www.ed.gov/news/fedregister/index.html>  
**Deadline: 11/3/2003**

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