

# 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

### 8-1 Combating Terrorism Technology Support (DOD)

The U.S. Army is soliciting concepts for innovative research and development projects for combating terrorism. The mission areas include Chemical, Biological, Radiological and Nuclear Countermeasures (CB) and Investigative Support and Forensics. DAAD05-03-T-0023 (FBO 2/10/03)

URL: <http://www.bids.tswg.gov>

Deadline: 4/4/2003

### 8-2 Homeland Security (DOD)

The U.S. Army is soliciting concepts for innovative research and development projects for homeland security. The mission and requirement areas include Chemical, Biological, Radiological and Nuclear Countermeasures (CB), Emergency Preparedness and Response, Information Analysis and Infrastructure Protection, and Border and Transportation Security. DAAD05-03-T-0024 (FBO 2/10/03)

URL: <http://www.bids.tswg.gov>

Deadline: 4/4/2003

## AGRICULTURE

### 8-3 Crop Improvement Research (KCIA)

The Kansas Crop Improvement Association is seeking proposals for research projects. Priority areas are: 1) Determining the benefits of certified or professionally prepared seed versus farmer-saved or bin-run seed; 2) Evaluation of characteristics of specific varieties for potential end-use value and marketing; 3) Improved variety development; 4) Physical factors affecting seed quality; 5) Risks and benefits of certified seed in various identity preserved grain production systems; 6) Factors influencing seed selection and purchasing decisions of farmers; 7) Seed production strategies for improved efficiency and returns.

Deadline: Internal 3/12/2003; 4/3/2003

## ARTS & HUMANITIES

### 8-4 Program for Cultural Cooperation with Spain (Spain)

Spain's Ministry of Culture offers a grant

program designed to promote closer ties between scholarly Hispanicism in the U.S. in the areas of humanities, social sciences, and the cultural and academic developments of Spain. U.S. institutions submitting applications are expected to provide part of the funding for their projects. Subsidies are available for the exchange of scholars and artists and encourage joint ventures between Spanish and American professors in the fields of social, political, and economic history; cultural communications; and literary theory. Funding is also available for scholars in the U.S. who wish to undertake or complete research projects in Spain, for publication projects, for Spanish film festivals, and for symposia and seminars.

URL: <http://www.umabroad.umn.edu/pub/pcc/pcc.html>

Deadline: 4/1/2003

## EDUCATION

### 8-5 FIPSE: Special Focus on North America Institutional Cooperation (ED)

The Education Department's Fund for the Improvement of Postsecondary Education is seeking proposals to support the formation of educational consortia of American, Canadian and Mexican institutions to encourage cooperation in coordinating curricula, student exchanges and the expansion of educational opportunities throughout North America. ED favors projects that support consortia to promote institutional cooperation and student mobility among the United States, Canada and Mexico. CFDA #84.116N (FR 12/17/02)

URL: <http://www.ed.gov/offices/OPE/FIPSE/>

Deadline: 4/11/2003

### 8-6 Teacher Quality Research (ED)

The Education Department seeks applications for research to guide effective strategies for improving preparation of classroom teachers and the instructional approaches they employ. The Institute intends this program to establish a scientific foundation for educational policy and practice in this area. The focus of the 2003 competition will be professional development for teaching first grade reading and sixth grade mathematics. RFA NCER-03-07

URL: <http://www.ed.gov/offices/IES/funding.html>

Deadline: Letters of Intent 3/6/2003; Applications 4/18/2003

### 8-7 Math and Science Partnership: Research, Evaluation, and Technical Assistance (MSP RETA) (NSF)

The Math and Science Partnership

(MSP) program builds on the nation's dedication to improve mathematics and science education through support of partnerships that unite the efforts of local school districts with faculties of colleges and universities—especially disciplinary faculties in mathematics, science and engineering -- and with other stakeholders. This solicitation addresses the research, evaluation, and technical assistance (MSP RETA) component of the MSP program. The MSP RETA projects are intended to enhance the capacity of the MSP Comprehensive and Targeted (MSP C&T) projects to achieve their goals and to contribute to the development and dissemination of the knowledge base necessary to achieve sustained educational reform. NSF 03-541

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf03541>

Deadline: Letters of Intent 4/14/2003; Proposals 5/12/2003

### 8-8 Youth Activities (Heartland)

Heartland Works has issued a Request for Proposals for year-round youth activities in Local Area II for eligible youth under Title 1 of the Workforce Investment Act. Included in the year-round activities will be a summer employment component. The purpose of the program is to provide continuous services to youth who enroll in the program, assess their academic and skill levels and other needs and establish a service strategy that meets their employment and educational goals and see it through to goal completion. A Pre-Bid Conference is being offered February 26 at the Topeka Workforce Center, 1 pm to 3 pm.

URL: <http://www.heartlandworks.org>

Deadline: 3/14/2003

## ENGINEERING, MATHEMATICS, & PHYSICAL SCIENCE

### 8-9 Research Opportunities in Engineering for Complex Systems (NASA)

This NASA Research Announcement (NRA) solicits proposals for new and innovative fundamental and applied research which will reduce risk and achieve ultra high levels of safety and success of future NASA missions through the infusion of advanced information technologies. The program has been divided into three major domain areas: 1) System Reasoning & Risk Management (SRRM); 2) Knowledge Engineering for Safety and Success (KESS); and 3) Resilient Systems & Operations (RSO). NRA2-38150 (WLT)

URL: <http://ecs.arc.nasa.gov>

Deadline: Notices of Intent 3/14/2003; Proposals 5/30/2003

### 8-10 Ultra-High-Capacity Optical

### **Communications: Challenges in Broadband Optical Access, Materials Processing, and Manufacturing (NSF)**

The National Science Foundation (NSF), through the Divisions of Electrical and Communications Systems (ECS), Chemical and Transport Systems (CTS), and Design, Manufacture and Industrial Innovation (DMII) of the Directorate for Engineering, and the Division of Mathematical Sciences (DMS) of the Directorate for Mathematical and Physical Sciences, announces a broad interdisciplinary program of research and education on ultra-high capacity optical communications, including novel concepts in photonic devices, advanced fiber communication systems, component technologies for broadband optical access, new approaches to low-cost processing and manufacturing, and new mathematical models to simulate the device and system performance. The objective is to enable the continued growth of broadband optical access and high-capacity optical communications into the next decade. Only one proposal may be submitted by a principal investigator. A principal investigator for one proposal may be a co-principal investigator or senior staff on one other proposal. No investigator may participate in more than two proposals as PI, coPI or senior staff. NSF 03-537

**URL:** <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03537>

**Deadline: Letters of Intent 3/31/2003; Proposals 5/6/2003**

### **8-11 National Polar-Orbiting Environmental Satellite System (NPOESS) Preparatory Project (NPP) (NASA)**

This NASA Research Announcement (NRA) provides an opportunity for members of the science community to participate in the NASA Science Team for the National Polar-Orbiting Environmental Satellite System (NPOESS) Preparatory Project (NPP). Key measurements that were initiated with the Earth Observing System's Terra and Aqua missions will be continued by the NPP. With an NPP launch in 2006, near the expected end of the Terra lifetime, NPP provides a bridge between the EOS Terra and Aqua missions and the NPOESS, currently with its initial launch in 2009. The NPP Science Team will include a number of experts familiar with the development of algorithms to retrieve global change properties from sensors like VIIRS, CrIS, ATMS, and OMPS. Expertise in both sensors and algorithms is needed. The team also will incorporate data system experts and persons concerned with assimilation of this data into Earth system prediction models. NRA-03-OES-01

**URL:** <http://research.hq.nasa.gov>

**Deadline: 3/31/2003**

## **HEALTH & LIFE SCIENCES**

### **8-12 AIDS Basic Research Grants (amfAR)**

The American Foundation for AIDS

Research is announcing the availability of support for research projects in biomedical science relevant to HIV and AIDS. Proposals may be for General Research (any area relevant to HIV and AIDS) or for Targeted Research (projects relevant to Natural Host Resistance Factors in HIV Infection). Funding is available in both programs for Basic Research Grants; amfAR Fellowships for postdoctoral investigators with limited experience; and Short-Term Travel Grants for short-term research, training or study at another national or international institution.

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

**Deadline: 3/11/2003**

### **8-13 Health Effects Institute Funding (HEI)**

The Health Effects Institute is requesting applications for two topics with deadlines on April 14: RFA 03-1, Assessing Exposure to Air Toxics; and RFA 03-2 Walter A. Rosenblith New Investigator Award for research on the health effects of air pollution. Preliminary applications are requested for RFA 03-3 Measuring the Health Impact of Actions that Affect Air Quality and RFA 03-4 Health Effects of Air Pollution. Preliminary applications can be submitted at any time and will be discussed at the next scheduled Research Committee meeting.

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

**Deadline: 3/1/2003, 4/14/2003**

### **8-14 Research Tools Development Grants Program (Invitrogen)**

Invitrogen life technologies' Research Tools Development Grants Program offers grants for innovative life science research tools that accelerate biological discovery and understanding. For 2003 preproposals are accepted for Cell Biology, Functional Analysis, and Nucleic Acids-Proteins. Topics include amplification, arrays, biochemical assays, bioengineering, cell-based assays, cell culture, cell differentiation, cell lines, cell signaling, cloning, electrophoresis, enzymes, expression, gene display, informatics, labeling and detection, modeling, molecular interactions, protein engineering, purification, reporters, separations, sequencing, transgenics, and others.

**URL:** <http://www.invitrogen.com/grants>

**Deadline: 4/1/2003, 8/5/2003, 12/2/2003**

## **SOCIAL SCIENCES**

### **8-15 Intimate Partner Violence and Sexual Violence (CDC)**

The Centers for Disease Control and Prevention announces the availability of funding for grants for Intimate Partner Violence and Sexual Violence Injury Prevention Research. Projects should: 1) Evaluate strategies for disseminating and implementing evidence-based interventions or policies for the prevention of intimate partner violence and sexual violence; 2) Evaluate the efficacy, effectiveness, and cost effectiveness of interventions, programs, and policies to prevent intimate partner violence and sex-

ual violence; and 3) Identify shared and unique risk and protective factors for the perpetration of intimate partner violence and sexual violence and examine the relationships among these forms of violence and others such as child maltreatment, youth violence, or suicidal behavior. Program Announcement 03024

**URL:** <http://www.cdc.gov/od/pgo/funding/funding.htm>

**Deadline: 4/8/2003**

### **8-16 Campus High-Risk Drinking and Violent Behavior Prevention (ED)**

The Education Department is inviting applications to develop, implement and enhance campus and/or community-based strategies to prevent high-risk drinking or violent behavior among college students. Applicants must provide evidence that a needs assessment has been conducted; set measurable goals and objectives and detail how progress will be measured annually; and use a qualified evaluator to design and implement an outcomes-based evaluation. CFDA 84.184H (FR 02/14/03)

**URL:** <http://www.ed.gov/offices/OSDFS>

**Deadline: 3/31/2003**

## **STUDENTS**

### **8-17 NASA Summer School for High Performance Computational Earth and Space Studies (NASA)**

The NASA Goddard Space Flight Center's (GSFC) Earth and Space Data Computing Division (ESDCD) is soliciting applications from qualified graduate students to participate in an intensive lecture series in computational earth and space sciences during the three-week period July 7-25, 2003. The ESDCD provides comprehensive research and development support in computing and data handling for NASA Earth and space science research programs.

**URL:** [http://esdcd.gsfc.nasa.gov/ESS/summer\\_school.html](http://esdcd.gsfc.nasa.gov/ESS/summer_school.html)

**Deadline: 3/24/2003**

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