

# 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

#### 34-1 Cutting-Edge Basic Research Awards (CEBRA) (NIH)

The National Institute on Drug Abuse (NIDA) invites applications for Cutting-Edge Basic Research Awards (CEBRA) to foster highly innovative or conceptually creative research that advances our understanding of drug abuse and addiction and how to prevent and treat them. The CEBRA is a new mechanism designed by NIDA to foster novel research approaches and represents the high priority placed by NIDA on identifying such research. It is aimed at experienced drug abuse research investigators who wish to develop or adapt new methods or techniques and at new investigators or scientists with expertise in fields other than drug abuse who wish to establish innovative programs in drug abuse research. NIDA's CEBRA program will provide rapid review and funding decisions.

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-03-017.html>

**Deadline:** 10/5/2005

#### 34-2 AHRQ Grant Program for Large Conference Support (NIH)

The Agency for Healthcare Research and Quality (AHRQ) announces its continued interest in supporting conferences through its Large Grant Program for Conference Support. This Program is intended to complement and promote AHRQ's core research by providing a mechanism for Agency stakeholders and others to: 1) develop health services research agendas and identify strategies and mechanisms for studying them; 2) discuss and develop consensus around health services research methodological and technical issues; 3) disseminate health services research information and facilitate adoption of research findings from AHRQ-sponsored research and research training grants in the formulation or evaluation of health policy, management of health care programs, and use or purchase of health services; and 4) develop partnerships with stakeholder organizations and build their capacity to participate in research activities and use the results of health services research. PA-03-117 (NIHG 05/09/03)

**URL:** <http://grants1.nih.gov/grants/guide/pa-files/PA-03-117.html>

**Deadline:** 10/1/2003, 2/1/2004, 6/1/2004

### ARTS & HUMANITIES

#### 34-3 Fulbright-Hays Group Project Abroad (ED)

The Education Department is soliciting applications for overseas projects in training, research and curriculum development in modern foreign languages and area studies for teachers, students and faculty engaged in a group study project. ED will fund projects that focus on: Africa, East Asia, South Asia, Southeast Asia and the Pacific, the Western Hemisphere (Central and South America, Mexico and Caribbean); opportunities for nationally recruited undergraduate students to study in a foreign country for either a semester or a full academic year. CFDA #84.021A (FR 08/11/03)

**URL:** <http://www.ed.gov/legislation/FedRegister>

**Deadline:** 10/14/2003

#### 34-4 Exploratory/Developmental (R21) Bioengineering Research Grants (EBRG) (NIH)

Participating Institutes and Centers (ICs) of the National Institutes of Health (NIH) invite applications for Exploratory/Developmental Bioengineering Research Grants (EBRG) to support innovative, high risk/high impact bioengineering research in new areas that are lacking preliminary testing or development. This research can explore approaches and concepts new to a particular substantive area; research and development of new technologies, techniques or methods; or initial research and development of data upon which significant future research may be built. PA-03-058 (NIHG 1/17/03)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-03-058.html>

**Deadline:** 10/1/2003, 2/1/2004, 6/1/2004

### ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

#### 34-5 NSF Astronomy and Astrophysics Postdoctoral Fellowships (AAPF)

The NSF Astronomy and Astrophysics Postdoctoral Fellowships provide an opportunity for highly qualified young investigators within 3 years of obtaining their PhD to carry out an integrated program of independent research and education. Fellows may engage in research of observational, instrumental, or theoretical nature, in combination with a coherent educational plan for the duration of the fellowship. The program supports researchers for a period of up to 3 years with fellowships that can be taken to the institution or national facility of their choice. The program is intended to recognize young investigators of significant potential, and provide them with experi-

ence in research and education that will establish them in positions of distinction and leadership in the community. NSF 03-578

**URL:** <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03578>

**Deadline:** 10/8/2003

#### 34-6 SME Education Foundation Grant Programs

The SME Foundation is seeking initiatives and innovative programs that increase the likelihood that new graduates from universalities and community colleges are better educated and trained, motivated for continuous learning, able to work effectively on a team, flexible and able to keep up with changing technology and techniques, effective communicators, socially adept, and prepared for leadership roles. Funding priority will be given to those educational institutions committed to improving the quality and development of manufacturing engineering and technology education and increasing manufacturing productivity through academia-industry-Foundation cooperation.

**URL:** <http://www.sme.org/cgi-bin/smeefhtml.pl?foundation/grants/fgmepg.htm&&SME&>

**Deadline:** Preproposals 10/10/2003; Proposals 1/5/2004

#### 34-7 Guidelines for Selection and Application of Warning Lights on Roadway-Operations Equipment (NCHRP)

There are no widely accepted guidelines for selecting warning lights on roadway-operations equipment that consider the type of equipment, weather conditions, day- and night-time operation, color of vehicle, and other relevant factors.

Research is needed to develop guidelines for use by transportation agency personnel in selecting and procuring lights that will substantially enhance motorist awareness. The objective of this research is to develop guidelines for selection and application of warning lights to improve the conspicuity and recognizability of roadway-operations equipment used for construction, maintenance, utility work, and other similar activities. Roadway-operations equipment shall include vehicles and mobile equipment used in these activities. Project 13-02

**URL:** <http://www4.trb.org/trb/crp.nsf/>

**Deadline:** 10/2/2003

#### 34-8 Earth Sciences Research at the National Science Foundation (EAR) (NSF)

The Division of Earth Science (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, or experimental approaches. Support is available for research and research infrastructure through grants, contracts, and cooperative agreements awarded in response to investigator-initiated proposals from U.S. universities and other eligible institutions. Human resource 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. Projects involving disciplines outside the earth sciences will be recommended for joint support with other programs within the Foundation. EAR will consider co-funding of projects with other agencies and supports international work and collaborations. NSF 03-590

**URL:** <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03590>

**Deadline:** Varies

### 34-9 Experimental and Theoretical Development of Quantum Computers (DOD)

The U.S. Army Research Office (ARO) announces the availability of Broad Agency Announcement (BAA) No. DAAD19-03-R--0011 for Experimental and Theoretical Development of Quantum Computers. ARO, together with the Advanced Research and Development Activity (ARDA), solicits research proposals for the following four categories: 1) Quantum Computing Concept Maturation proposals are for large scale, four-year combined experimental and theoretical studies of potential physical embodiments of quantum bits and quantum logic, perhaps including studies in the related fields of quantum error correction, control, decoherence, and entanglement. 2) Short-Term, Innovative Concept proposals are for smaller, short term (1-3 year) experimental or theoretical studies of novel concepts on any aspect of quantum information science related to quantum computing with the objective of addressing a specific question, developing a specific technique, performing a specific measurement, or exploring a new quantum computing concept that could engender a larger scale project in the future. 3) Quantum Algorithm proposals are for three-year studies to primarily develop new quantum computing algorithms but may also consider issues of quantum computational complexity, computability, and architectures. 4) Quantum Computing Graduate Research Fellows proposals are for three-year fellowships for graduate students who are U.S. citizens working on quantum computing for investigators funded through the ARO/ARDA quantum computing program. DAAD19-03-R-0011 (FBO 05/28/03)

**URL:** <http://www.aro.army.mil/research/index.htm>

**Deadline:** 10/7/2003

### 34-10 Methodology to Predict the Safety Performance of Rural Multilane Highways (NCHRP)

The objectives of this research are to

develop a methodology to predict the safety performance of rural multilane highways and to prepare a chapter on rural multilane highways for inclusion in the Highway Safety Manual. The methodology shall apply to both highway segments and at-grade intersections but does not include full access-control highways. Project 17-29

**URL:** <http://www4.trb.org/trb/crp.nsf/>

**Deadline:** 10/2/2003

## HEALTH & LIFE SCIENCE

### 34-11 Integrative and Collaborative Approaches to Research (NIH)

The purpose of this initiative is to provide additional support for collaborative and integrative activities to groups of currently funded investigators working on a common problem of fundamental interest to the National Institute of General Medical Sciences (NIGMS) or the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). These activities should significantly enhance the investigators' existing capabilities and introduce new approaches to the research aims of their funded projects. PA-03-127 (NIHG 5/23/03)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-03-127.html>

**Deadline:** 10/1/2003, 2/1/2004, 6/1/2004

## SOCIAL SCIENCES

### 34-12 Behavioral Therapies Development Program (NIH)

The National Institute on Drug Abuse (NIDA) and the National Institute on Alcohol Abuse and Alcoholism (NIAAA) are seeking research grant applications on the development of behavioral treatments for drug and alcohol abuse and dependence. The term "behavioral therapies" is used here in broad sense and includes various forms of psychotherapy, behavior therapy, cognitive therapy, family therapy, couples and marital therapy, group therapy, skills training, counseling, and other rehabilitative therapies. PA-03-126 (NIHG 5/23/03)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-03-126.html>

**Deadline:** 10/1/2003, 2/1/2004, 6/1/2004

### 34-13 Research on Research Integrity (NIH)

The National Institutes of Health invites applications to support research on research integrity. The purpose of the proposed grant program is to foster empirical research on societal, organizational, group, and individual factors that affect, both positively and negatively, integrity in research. Proposals must have clear relevance to biomedical, behavioral and health services research. Applicants are strongly encouraged to take into consideration problems or issues that are relevant to the missions of DHHS, NIH, or specific NIH institutes and programs. RFA: NS-04-001 (NIHG 5/30/03)

**URL:** <http://grants1.nih.gov/grants/>

[guide/rfa-files/RFA-NS-04-001.html](http://www4.trb.org/trb/crp.nsf/)

**Deadline: Letters of Intent 10/14/2003; Applications 11/14/2003**

## STUDENTS

### 34-14 Individual Biomedical Informatics Fellowships (NIH)

Individual biomedical informatics fellowships provide support for the training of informatics scientists able to perform research into basic informatics problems or to application of informatics to any area of biomedicine, including clinical medicine, basic biomedical research, clinical and health services research, public health, professional education, and administration. Post-doctoral, pre-doctoral and, in certain specified fields, some post-baccalaureate candidates are eligible. Although a canonical set of basic courses for informatics training has not yet evolved, there is general agreement that the field is interdisciplinary, and includes, among others, components of computer science, information science, cognitive science, and knowledge of one or more domains of biomedicine. This fellowship may lead to a degree, although it is not a requirement. Whether or not the training is to be used for credit or certification in an educational program is up to the applicant, the fellowship sponsor, and the organization involved. PAR-03-070 (NIHG 2/14/03)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PAR-03-070.html>

**Deadline:** 10/1/2003, 2/1/2004, 6/1/2004

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