

Funding Bulletin

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

January 17, 2003

Vol. 12, No. 3

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

3-1 Fulbright Alumni Initiatives Awards Program (CIES)

The Department of State, in partnership with the Institute of International Education (IIE) and its affiliate, the Council for International Exchange of Scholars (CIES), has established the Alumni Initiatives Awards (AIA) as an institutional grant program. The AIA program provides both U.S. and Visiting Fulbright Scholar alumni with the opportunity to develop and sustain ongoing contacts and partnerships initiated as a result of their Fulbright award. (TGA 11/02)

URL: <http://www.iie.org/cies/aia.htm>

Deadline: 2/15/2003

3-2 Environmental Technologies and Systems (NSF)

In this solicitation, NSF and EPA are offering funds for fundamental and applied research in the physical and biological sciences and engineering that will lead to environmentally-benign methods for industrial processing/manufacturing; sustainable construction processes; and new technologies for pollution sensing and remediation. The competition addresses technological environmental issues of design, treatment, synthesis, processing, and energy conversion; environmentally conscious construction and disaster management; and the production, use, detection. NSF 03-510

<http://www.nsf.gov/cgi-bin/getpub?nsf03510>

Deadline: 2/25/2003; 3/4/2003

ARTS & HUMANITIES

3-3 Newberry Library Fellowships in the Humanities (Newberry)

The Newberry Library offers short-term fellowships form scholars wishing to use the Newberry's collections to study the period 1660-1815, for Documentary Editing, and for the History of Cartography. Fellowship tenure varies from one week to two months.

URL: <http://www.newberry.org/nl/research/L3rfellowships.html>

Deadline: 2/20/2003

EDUCATION

3-4 IDEA Grants (ED)

The Education Department's Office of Special Education and Rehabilitative Services is seeking applications for various grants under four special education programs authorized by the Individuals with Disabilities Education Act (IDEA). The programs and the priorities under which ED is seeking applications are:

- Research and Innovation to Improve Services and Results for Children with Disabilities (five priorities): 1) Student-Initiated Research Projects; 2) Field-Initiated Research Projects; 3) Model Demonstration Projects for Children with Disabilities; 4) Initial Career Awards; and 5) Outreach Projects for Children with Disabilities.

- Personnel Preparation to Improve Services and Results for Children with Disabilities (four priorities): 1) Preparation of Special Education, Related Services, and Early Intervention Personnel to Serve Infants, Toddlers and Children with Low-Incidence Disabilities; 2) Improving the Preparation of Personnel to Serve Children with High-Incidence Disabilities; 3) Preparation of Leadership Personnel, and 4) Preparation of Personnel in Minority Institutions.

- Technology and Media Services for Individuals with Disabilities (one priority): Steppingstones of Technology Innovation.

- Training and Information for Parents of Children with Disabilities (one priority): Community Parent Resource Centers. (FR 12/24/02)

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

Deadline: 2/7/2003, 2/14/2003, 2/21/2003

3-5 Environmental Education (EPA)

The Environmental Protection Agency is inviting applications for projects to design, demonstrate or disseminate environmental education practices, methods or techniques, including assessing environmental and ecological conditions and specific environmental issues and problems. (FR 12/19/02)

URL: <http://www.epa.gov/enviroed>

Deadline: 2/14/2003

3-6 Centers for Learning and Teaching (CLT) (NSF)

The Centers for Learning and Teaching (CLT) program focuses on the advanced preparation of science, technology, engineering, and mathematics (STEM) educators, as well as the establishment of meaningful partnerships among education stakeholders, especially Ph.D. granting institutions, school systems, and informal education performers. Its goals are to renew and diversify the cadre of leaders in STEM education; to increase

the number of K-16 educators capable of delivering high-quality STEM instruction and assessment; and to conduct research into STEM education issues of national import (e.g., the nature of learning, teaching strategies, and reform policies and outcomes). NSF 03-522

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf03522>

Deadline: Preliminary Proposals 2/18/2003; Proposals 4/24/2003

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

3-7 Collaborations in Mathematical Geosciences (CMG) (NSF)

The purpose of the CMG activity are (A) to enable collaborative research at the intersection of mathematical sciences and geosciences, and (B) to encourage cross-disciplinary education through summer graduate training activities. Research topics under (A) should fall within one of two broad themes: 1) mathematical and statistical modeling of large, complex geosystems, or 2) representing uncertainty in geosystems. Research projects supported under this activity should be essentially collaborative in nature. NSF 03-508

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf03508>

Deadline: 2/20/2003

3-8 Solar, Heliospheric, and Interplanetary Environment (SHINE) (NSF)

SHINE is an affiliation of researchers within the solar, interplanetary, and heliospheric communities, dedicated to promoting enhanced understanding of and predictive capabilities for solar processes which affect the interplanetary medium, especially those which create heliospheric disturbances. Proposals are solicited for research directly related to topics under consideration and discussion at workshops organized by SHINE. NSF 02-189

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02189>

Deadline: 2/21/2003

3-9 Early Career Principal Investigator Program in Applied Mathematics, Collaboratory Research, Computer Science, and High-Performance Networks (DOE)

The U.S. Department of Energy (DOE), announces its interest in receiving applications for grants in support of its Early Career Principal Investigator Program. The purpose of this program is to support research in applied mathematics, collaboratory research, computer science, and networks performed by exceptionally talented scientists and engineers early in

their careers. DE-FG01-03ER03-11
URL: <http://www.sc.doe.gov/production/grants/Fr03-11.html>
Deadline: 2/20/2003

HEALTH & LIFE SCIENCE

3-10 The Life Cycle of the Adipocyte (HHS)

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) and the National Institute of Aging (NIA) invite investigator-initiated Research Projects (R01 and R21) to study the life cycle of adipocytes. This initiative encourages investigators to develop the necessary biological procedures and reagents for characterization of adipocyte progenitor cells at multiple stages of determination and commitment into the adipocyte lineage, for use in identifying fat cell commitment factors, and to use in the study of adipose tissue turnover and remodeling. DK-03-002 (NIHG 10/10/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-03-002.html>

Deadline: Letters of Intent 2/14/2003; Applications 3/14/2003

3-11 Ecology of Infectious Diseases (EID) (NSF)

The Ecology of Infectious Diseases special competition supports the development of predictive models and discovery of principals for relationships between anthropogenic environmental change and transmission of infectious agents. To that end, research should focus on understanding the ecological determinants of transmission by vectors or abiotic agents, the population dynamics of reservoir species, and transmission to humans or other hosts. Proposals may focus on either terrestrial, freshwater, or marine systems and organisms. NSF 03-507

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf03507>

Deadline: 2/14/2003

3-12 Nanoscience and Nanotechnology in Biology and Medicine (NIH)

This Program Announcement is aimed at enhancing nanoscience and nanotechnology research approaches that have the potential to make valuable contributions to biology and medicine. The purpose of this initiative is to stimulate cross-cutting, integrative research in these fields of science and technology. In particular, this initiative invites research on: 1) the creation and use of structures, devices and systems that have novel properties and functions because of their small size, that may be used to achieve a fundamental understanding of biological processes and/or contribute to disease detection, therapy, or prevention; 2) conception and fabrication of devices, that will effectively detect and analyze nanoscale entities of relevance to biomedicine; and 3) the study of biological systems at the nanoscale for the explicit purpose of

using that information to develop nanotechnologies and nanostructured materials that will in turn benefit biology and medicine. PAR-03-045 (NIHG 12/13/02)

URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-03-045.html>

Deadline: 2/18/2003,8/18/2003

3-13 Diet, DNA Methylation and Other Epigenetic Events, and Cancer Prevention (HHS)

The NCI and the ODS invite applications for new R01 and R21 grants which are focused on research leading to the elucidation of mechanism(s) by which dietary factors influence epigenetic processes as well as increasing the understanding of these processes in cancer prevention. The approach is to encourage collaboration between nutrition and epigenetic/DNA methylation experts to study bioactive food components with cancer preventative properties, and to examine key epigenetic events in cancer processes (i.e., carcinogen metabolism, cell division, differentiation, apoptosis). CA-03-016 (NIHG 09/27/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-03-016.html>

Deadline: Letters of Intent 2/18/2003; Applications 3/18/2003

3-14 Stem Cell Potential of the Mammalian Olfactory Epithelium (NIH)

The National Institute on Deafness and Other Communication Disorders (NIDCD) supports clinical and basic biomedical research in the area of human olfaction (smell). The partial or complete loss of smell (anosmia) affects approximately 2.5 million people and poses serious health risks as the presence of rancid food, toxic odors and smoke often go undetected. The loss of smell adversely affects the perceived flavor of foods, which impacts on diet and nutrition, especially in the elderly. The NIDCD invites applications for exploratory pilot studies focused on stem cell biology, using the precursor, multipotent stem cells of the mammalian olfactory epithelium as a model system. DC-03-002 (NIHG 11/22/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-03-002.html>

Deadline: Letters of Intent 2/3/2003; Applications 3/11/2003

SOCIAL SCIENCES

3-15 National Eurasian and East European Research Competition (NCEEER)

NCEEER was created in 1978 to develop and sustain long-term, high-quality programs for post-doctoral research on the social, political, economic, environmental, and historical development of Eurasia and Eastern Europe. From broad, cross-cultural analyses to more focused studies of particular economic problems that warrant attention, NCEEER supports research projects that facilitate a mutually

beneficial exchange of information between scholars and policy-makers. (TGA 11/02)

URL: http://www.nceeer.org/Programs/national_research_competition.htm

Deadline: 2/15/2003

3-16 Sexual Violence (DOJ)

The Justice Department's research arm, the National Institute of Justice, is seeking applications for research on sexual violence against women age 12 or older by strangers and non-strangers. Examples of interest areas are: the effect of criminal justice system reforms, including the use of DNA evidence, on the outcomes of sexual assault cases; sexual violence in understudied populations, including women from ethnic and racial minorities, non-citizens, incarcerated women and women with disabilities; links among sexual violence and other crime and interpersonal violence; and research on perpetrators.

URL: <http://www.ojp.usdoj.gov/nij>

Deadline: 2/21/2003

3-17 Research on Terrorism (DOJ/NIJ)

The Justice Department's National Institute of Justice is seeking applications for research to advance knowledge about terrorism and counter-terrorism, including transnational organized crime and international terrorism. NIJ is interested in two major areas: Transnational Crime and International Terrorism, and Understanding and Responding to Terrorism, including such topics as issues and challenges for law enforcement, policymakers and the criminal justice system; links between terrorism and other forms of crime; evaluation of potential intergovernmental and public-private partnerships in preparing for and responding to terrorist incidents; and syntheses of nonclassified information on terrorist groups.

URL: <http://www.ojp.usdoj.gov/nij/funding.htm>

Deadline: 2/14/2003

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

Ted Knous, Associate Vice Provost, Tech Transfer and Research

Caron Boyce, Secretary

Jim Guikema, Associate Vice Provost, Graduate Research

Preaward Section

Paul Lowe, Director

Anita Fahmy, Assistant Director

Kathy Tilley, Lisa Duer, Carole Lovin, Rich Doan, Rex Goff, Dawn Caldwell, Cheryl Brooks

Information Specialist & Editor
Beverly Page

Human Subjects, Animal Care & Use, and Biosafety

Gerald P. Jaax, Research Compliance Officer
Beverly Nichols, Secretary

Congressional Relations

Sue Peterson, R. W. Trewyn