

Funding Bulletin

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

December 7, 2007

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Program Information

To receive program information, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: bbpage@ksu.edu

NOTICE - The Funding Bulletin is available via email. To be added to the electronic mailing list, send an email message to: listserv@listserv.ksu.edu Leave the subject line blank. In the message area, type: *sub fundingbulletin*.

Limited Submissions

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Dr. Jim Guikema, Associate Vice Provost for Research, is the internal coordinator for limited submission programs. Please notify him at 785-532-6195, email: guikema@ksu.edu, by the Internal due date listed in the Funding Bulletin or by at least two months prior to the sponsor deadline if you wish to submit to a limited submission program. Currently posted Internal Deadlines: <http://www.k-state.edu/research/funding/bulletins/bul07/newlimits.htm>

GENERAL

46-1 Development and Application of Nanotechnology-based Tools to Understand Mechanisms of Bioremediation (R01) (NIH)

The National Institute of Environmental Health Sciences (NIEHS) is announcing an new funding opportunity to support individual research projects as part of the Superfund Basic Research and Training Program (SBRP). The objective for this Funding Opportunity Announcement (FOA) is to enhance our understanding of the basic structural and functional properties of biological populations that are involved in the bioremediation of hazardous substances by integration or adapting innovative nanotechnology based tools for sensing, detecting, and elucidating processes at the molecular and nano-scale. RFA-ES-07-007 (NIHG 11/9/07)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-07-007.html>
Deadline: Letters of Intent 1/16/2008; Applications 2/15/2008

46-2 Studies of the Ethical, Legal, and Social Implications (ELSI) of Human Microbiome Research (R01) (NIH)

This Funding Opportunity Announcement (FOA) invites applications for studies that address the ethical, legal, and social impli-

cations (ELSI) of human microbiome research: the study and application of the metagenomic analysis of the human microbiota. RFA-RM-08-006

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-08-006.html>

Deadline: Letters of Intent 1/15/2008; Applications 2/15/2008

46-3 Technology Development in Epigenetics (R01) (NIH)

The National Institutes of Health invites applications for stimulating the development of revolutionary epigenetic technologies as part of the Roadmap Epigenetics Program. Transforming technologies are needed to enable researchers to discover and monitor epigenetic events, changes, and alternatives related to development and disease. This FOA focuses on innovative research developing new technologies that will significantly change the way that epigenetics research can be performed. A sibling announcement, using the R21 mechanism (RFA-RM-07-012), is focused on similar projects that may not necessarily have preliminary data. RFA-RM-07-011 (NIHG 11/16/07)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-07-011.html>
Deadline: Letters of Intent 1/14/2008; Applications 2/14/2008

46-4 Postdoctoral Fellowships in Polar Regions Research (NSF)

The Postdoctoral Fellowships in Polar Regions Research program supports training and research for recent doctoral degree recipients in any aspect of scientific study of the Antarctic and/or the Arctic within the Office of Polar Programs (OPP) program areas. The program also provides travel grants to those eligible for fellowships for the purpose of meeting prospective mentors and colleagues, presenting seminars, discussing mutual research and/or education interests, evaluating facilities and professional development opportunities, and initiating collaborative relationships. NSF 08-501
URL: <http://www.nsf.gov/pubs/2008/nsf08501/nsf08501.htm>
Deadline: 1/11/2008; 8/18/2008

46-5 Predoctoral, Postdoctoral, and Senior Fellowships (SI)

Fellowships at the Smithsonian Institution provide students and scholars with opportunities to pursue independent research projects in association with members of the Smithsonian professional research staff.
URL: <http://www.si.edu/ofg/fell.htm#fofg>
Deadline: 1/15/2008

ARTS & HUMANITIES

46-6 Research Fellowship Program (WM)

Winterthur invites academic, independent, and museum scholars, and advanced graduate students to apply for short and long-term residential research fellowships. Fellows have conducted research in the areas of material culture, architecture, decorative arts, design, consumer culture, garden and landscape studies, Shaker studies, travel and tourism, the Atlantic World, childhood, sentimental literary culture, and many other areas of social and cultural history.

URL: <http://www.winterthur.org/research/fellowship.asp>

Deadline: 1/15/2008

46-7 Mary Isabel Sibley Fellowship (PBK)

Each year, the Phi Beta Kappa Society is pleased to offer the Mary Isabel Sibley Fellowship, awarded alternately in the fields of Greek and French. The \$20,000 award, to be used to support the scholar over the course of one year, may be used for the study of Greek language, literature, history, or archaeology, or the study of French language or literature. This year, the designation of the Sibley Fellowship is for French studies. Candidates must be unmarried women between the ages of 25 and 35 (inclusive) who have demonstrated their ability to carry on original research. They must hold a doctorate or have fulfilled all the requirements for a doctorate except the dissertation, and they must be planning to devote full-time work to research during the Fellowship year. The award is not restricted to members of Phi Beta Kappa or to U.S. citizens.

URL: www.pbk.org/sibley

Deadline: 1/15/2008

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

46-8 International Research in Homeland Security Science & Technology Mission Areas (DHS)

The Department of Homeland Security (DHS) Science and Technology (S&T) Directorate is soliciting applications for international research projects aligned with the mission and requirements of DHS S&T. These projects should be designed to augment and complement, through international research and collaboration, the depth and breadth of homeland security science and technology research. Specifically, the S&T Directorate seeks proposals that will contribute to homeland security science and technology, including but not limited to: Evaluation of novel tools or approaches to

confronting homeland security challenges; Basic research to provide data, understandings, or models that support S&T efforts or policy decisions; and S&T and operations research evaluations to support revolutionary improvements in DHS's mission and its component agencies' operations. DHS-08-ST-108-001 (GG 11/26/07)

URL: <http://www07.grants.gov/search/search.do?mode=VIEW&oppld=40095>

Deadline: 1/18/2008

46-9 Software for Real-World Systems (SRS) (NSF)

Software is a critical element in a broad range of real-world systems ranging from micro- and nano-scale embedded devices in highways, household appliances, and medical devices to continental- and global-scale critical infrastructures, such as communications and electrical power grids and transportation, health care, and enterprise systems. The Directorate for Computer and Information Science and Engineering (CISE) is calling for researchers to discover, define, and apply new scientific principles, engineering processes and methods, and educational pedagogy to the design, development, and use of software for real-world systems. The Software for Real-World Systems (SRS) Program specifically intends to bridge and transcend CISE disciplines of computer and information science and engineering (e.g., a new logic for reasoning about software systems complexity) to answer the question: How can software for real-world systems be designed, built, and analyzed in elegant and powerful new ways? An investigator may participate as a PI, co-PI, or Senior Personnel in at most two SRS proposal, but in no more than one proposal as a single investigator. NSF 07-599 (Posted 9/28/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07599/nsf07599.htm>

Deadline: 1/17/2008

46-10 Ocean Biology and Biogeochemistry (NASA)

NASA's Ocean Biology and Biogeochemistry program focuses on describing, understanding, and predicting the biological and biogeochemical regimes of the upper ocean as determined by remote observation of aquatic optical properties from space, aircraft, and other airborne platforms. This solicitation solicits research in conjunction with the Airborne Science program and focuses on development of a portable airborne platform sensor that can be deployed on an aircraft of Unmanned Aerial System (UAS) to complement space-based data and meet the needs of the Ocean Biology and Biogeochemistry research program. NNH07ZDA001N

URL: <http://nspires.nasaprs.com>

Deadline: Letters of Intent 12/28/2007; Proposals 2/29/2008

HEALTH & LIFE SCIENCES

46-11 Health Effects of Near-Roadway

Exposures to Air Pollution (EPA)

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking initial proposals to study the health effects of near-roadway exposures to air pollution. To respond to this Request for Initial Proposals (RFIP), applicants will submit: a research proposal (not to exceed five pages); budget summary; 424 form and Key Contacts form; and two-page resumes of investigators (see Section IV for further information). EPA will review the initial proposals and the submitters of the highest-ranked proposals will be asked to submit full applications. After review of the full applications, one application will be selected for funding as a cooperative agreement. EPA-G2008-STAR-B1

URL: http://es.epa.gov/ncer/rfa/2008/2008_star_healtheffects.html

Deadline: Preliminary Proposals 1/15/2008

46-12 K- INBRE Proposals (KUMC)

The Scientific Steering Committee for the K-INBRE is calling for proposals to support: 1) Pilot grants, 2) Bridging Grants, 3) Institutional Core Facilities, and 4) Recruitment Packages. The purpose of this research support is to further the ability of Kansas researchers to compete successfully for NIH funds. Tenure and Research Track Faculty Investigators, on one of the ten K-INBRE campuses, in all areas of Cell and Developmental Biology to include 1) reproduction and embryonic development, 2) organogenesis, 3) developmental neuroscience, and 4) cellular and developmental pathologies are eligible to compete for Pilot, Bridging, Recruitment Package and Core Facility funds. There are no restrictions on the number or proposals that may be submitted per institution or within a category.

EMAIL: hchapman@kumc.edu

Deadline: 2/1/2008

46-13 Sunflower Foundation Grants (Sunflower)

The Sunflower Foundation is pleased to announce a new Request for Proposals, RFP #08-102. This RFP addresses four grant categories within the foundation's interest areas: Capacity Building, School Health, Walking Trails and Investing in the Health Care Safety Net. The foundation will host briefings via telephone conference calls December 6, 10, and 12, 2007, to discuss the RFP and answer questions. Participation in these calls by all potential applicants is strongly encouraged.

URL: www.sunflowerfoundation.org

Deadline: Varies by category--earliest is Concept Papers 1/9/08

46-14 National Scientist Development Grant (AHA)

The American Heart Association funds research broadly related to cardiovascular disease and stroke. Research is supported in clinical and basic sciences, bioengi-

neering, biotechnology and public health. Applications related to obesity, women and heart disease, and resuscitation are particularly encouraged. The objective of the National Scientist Development Grant is to support highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator. The program supports all basic disciplines as well as epidemiological, community and clinical investigations that bear on cardiovascular and stroke problems.

URL: <http://www.americanheart.org/presenter.jhtml?identifier=3004142#SDG>

Deadline: 1/15/2008; 7/1/2008

46-15 Protein Data Bank Management (PDB Mgmt) (NSF)

The goal of this solicitation is to ensure the continuing, highest possible quality of management for the central, U.S. component of the Protein Data Bank (PDB). The Protein Data Bank has achieved global recognition as the sole, authoritative repository for macromolecular structure information. To secure the continued success of this international resource, the U.S. supporting agencies are committed to ensuring that the management of the U.S. component is of the highest quality, providing a reliable, capable, and effective partner for its counterparts overseas. This competition for PDB management is designed to fulfill that commitment. Proposals submitted in response to this solicitation must describe a plan for PDB management that is forward-looking and provides an effective framework for anticipating and responding to rapidly changing technologies and to the constantly changing needs, expectations, and composition of the user community. NSF 08-507 (Posted 11/7/07)

URL: <http://www.nsf.gov/pubs/2008/nsf08507/nsf08507.htm>

Deadline: Letters of Intent 1/16/2008; Proposals 3/19/2008

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