

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

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 (**FB 37-2**) 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/bul06/internaldl/newlimits.htm>

GENERAL

37-1 Short-Term Interdisciplinary Career Enhancement Awards for Neurodegeneration Research (K18) (NIH)

The NIH Blueprint for Neurosciences is a framework to enhance cooperative activities among the NIH Office of the Director and 15 NIH Institutes and Centers that support research on the nervous system. By pooling resources and expertise, the Blueprint takes advantage of economies of scale, confronts challenges too large for any single Institute or Center, and develops research tools and infrastructure that will serve the entire neuroscience community. In 2007, the Blueprint is focusing on neurodegeneration. This funding opportunity announcement (FOA) solicits short-term mentored career development (K18) grant applications from established investigators seeking short-term mentored career development and enhancement training experiences of six-twelve months, for example, during a sabbatical year, to acquire new interdisciplinary perspectives and capabilities in research on neurodegeneration. RFA-DC-07-005 (NIHG 10/6/06)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-07-005.html>
Deadline: Letters of Intent 11/8/2006; Applications 12/8/2006

37-2 Major Research Instrumentation Program (MRI) (NSF)

The Major Research Instrumentation Program (MRI) is designed to increase access to scientific and engineering equipment for research and research training in our Nation's organizations of higher education, research museums and non-profit research organizations. The MRI program encourages the development and acquisition of research instrumentation for shared inter- and/or intra-organizational use and in concert with private sector partners. NSF 05-515
URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5260
Deadline: Internal 11/25/2006; Proposals 1/25/2007

37-3 Human and Social Dynamics (NSF)

The Human and Social Dynamics (HSD) priority area fosters breakthroughs in understanding the dynamics of human action and development, as well as knowledge about organizational, cultural, and societal adaptation and change. HSD aims to increase our collective ability to: 1) understand the complexities of change; 2) understand the dynamics of human and social behavior at all levels, including that of the human mind; 3) understand the cognitive and social structures that create, define, and result from change; and 4) manage profound or rapid change, and make decisions in the face of changing risks and uncertainty. The FY 2007 competition will include three emphasis areas (Agents of Change; Dynamics of Human Behavior; and Decision Making, Risk and Uncertainty). Support will be provided for Full Research projects and for shorter-term Exploratory Research and HSD Research Community Development projects. NSF 06-604 (Posted 9/12/06)
URL: <http://www.nsf.gov/pubs/2006/nsf06604>
Deadline: Exploratory & HSD Community 1/23/2007; Type 2 Proposals 2/7/2006; Type 1 Proposals 2/21/2007

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

37-4 Advanced Detector Research Program (DOE)

The Office of High Energy Physics of the Office of Science, U.S. Department of Energy, announces its interest in receiving grant applications for support under its Advanced Detector Research Program. The purpose of this program is to support the development of the new detector technologies needed to perform future high energy physics experiments. Future high energy physics experiments

will require higher performance detectors to exploit the higher beam energies and intensities of new or upgraded accelerators. Higher performance detectors are also needed to probe for new physical processes in both accelerator-based and non-accelerator based experiments. DE-PS02-06ER06-24 (GG 9/28/06)
URL: <http://e-center.doe.gov/iips/faopor.nsf>
Deadline: 12/19/2006

37-5 Micro-Sensors For Imaging (MISI) (DOD)

The Defense Advanced Research Projects Agency (DARPA) is soliciting research proposals in the area of Micro-Sensors for Imaging. The objective of this effort is to develop technologies for extremely light weight micro-cameras sensitive in the visible to short wave and in longer wave infrared; and to demonstrate such camera systems in micro-vehicles and head mounted applications. The proposed research should investigate and exploit innovative approaches that will enable revolutionary advances in science, materials, detectors, focal plane arrays, micro-packaging, optics, electronics and signal processing leading to extremely light weight cameras. BAA06-46 (FBO 10/3/06)
URL: <http://www.darpa.mil>
Deadline: Abstracts 11/15/2006; Proposals 1/5/2007

37-6 Environmental Sensors for Personal Exposure Assessment (U01) (NIH)

This solicitation is part of an overall effort by NIH in establishing an Exposure Biology Program as part of a larger Gene and Environment Initiative, publicly announced in February, 2006. Specifically, this FOA is intended to support research projects focused on the development of field-deployable or wearable sensors for monitoring individual exposures to a broad range of airborne chemical and biological agents. A central element is that the sensors produce quantitative, near real-time measurement of multiple analytes at the point of contact with the body (e.g., nose, mouth, skin). RFA-ES-06-011 (NIHG 9/29/06)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-06-011.html>
Deadline: Letters of Intent 11/22/2006; Applications 12/22/2006

HEALTH & LIFE SCIENCES

37-7 Biomarkers for Neurodegeneration (R21) (NIH)

The NIH Blueprint for Neuroscience Research is a framework to enhance cooperative activities among the NIH

Office of the Director and 15 NIH Institutes and Centers that support research on the nervous system. By pooling resources and expertise, the Blueprint takes advantage of economies of scale, confronts challenges too large for any single Institute or Center, and develops research tools and infrastructure that serve the entire neuroscience community. In FY 2007, the Blueprint is focusing on neurodegeneration. This funding opportunity will utilize the Exploratory/Developmental (R21) to solicit grant applications from applicant organizations that propose to develop biomarkers of neurodegenerative disease. RFA-NS-07-004 (NIHG 10/6/06)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-07-004.html>
Deadline: Letters of Intent 11/8/2006; Applications 12/8/2006

37-8 Susan G. Komen Breast Cancer Foundation New "Focused Areas of Study" Grant Program (Komen)

The Susan G. Komen Breast Cancer Foundation's new Focused Areas of Study Grant Program will award at least \$13 million this year for high-caliber, innovative research proposals addressing key questions in four specific areas of breast cancer: ductal carcinoma in situ, experimental model systems, biomarker identification and validation, and environmental research methods.
URL: <http://www.komen.org>
Deadline: 1/1/2006

37-9 Sunflower Foundation (Sunflower)

The Sunflower Foundation is pleased to announce a new Request for Proposals, RFP 07-102. This is a comprehensive RFP addressing four funding categories within the foundation's interest areas: Health Care Access: 1) Bridge Grants; Organizational Capacity: 2) Capacity Building; Healthy Behaviors and Prevention: 3) Physical Activity, 4) Walking Trails. The foundation will host briefings via telephone conference calls October 16, 18, and 24 to discuss the RFP and answer questions.
URL: <http://sunflowerfoundation.org>
Deadline: Capacity 11/3/2006; Trails 12/1/2006; Concept Papers: Bridge 11/17/06; Activity 11/17/06

37-10 MRCE Funding Opportunities (WUSTL)

The MRCE is a network of scientists in Region VII (IA, KS, MO, NE and Cleveland, OH) dedicated to improving national defenses against bioterrorism and emerging infectious diseases. Funded by the NIH/NIAID in September 2003, the MRCE is one of the 10 national Regional Centers of Excellence whose work promises to produce both products and trained individuals which could be utilized in the event of a national emergency. The mission is to expand the scope and quality of research in biodefense and emerging infectious diseases in the region, with the goal of developing the next generation of

diagnostics, vaccines and therapeutics against selected biologic threats. The center has released a call for applications to its 2006 New Opportunities funding program. The MRCE will apply to NIAID for additional funds to support projects within the Center. The funds will be applied to objectives such as: enhancing the capabilities of the Centers and the Biodefense Network, encouraging inter-Center activities, and providing additional research, development, and training opportunities. Since one of the goals for all RCEs is to develop vaccines, therapeutics, and diagnostics that are targeted to the Category A-C agents, projects directly related to achieving this goal will be given high priority.
URL: <http://www.mrce.wustl.edu>
Deadline: 11/1/2006

37-11 Biological Response Indicators of Environmental Stress Centers (U54) (NIH)

These Centers represent one part of a comprehensive program that develops and refines panels of biomarkers and biosensors of biological response to environmental stressors. By measuring the cellular, molecular and physiologic responses to environmental stressors in key physiologic and pathophysiologic pathways, the relationships between genetic and non-genetic factors that contribute to disease will be better defined. This program will focus on a product-driven approach for the development, confirmation, and application of innovative biomarkers and biosensors, especially those with potential for scale-up for use in large population studies. RFA-ES-06-012 (NIHG 9/29/06)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-06-012.html>
Deadline: Letters of Intent 11/22/2006; Applications 12/22/2006

37-12 Targeting Diseases Caused by Protein Misfolding or Misprocessing (R21) (NIH)

The purpose of this Funding Opportunity Announcement (FOA) is to invite qualified scientific investigators to submit applications designed to identify small molecule reagents that specifically prevent or ameliorate a protein folding or processing defect in simple and complex genetic diseases that are of interest to the participating institutes. This Funding Opportunity Announcement (FOA) will utilize the Exploratory/Developmental R21 grant mechanism and runs in parallel with an FOA of identical scientific scope, PAR-06-479, that solicits applications with the R01 mechanism. PAR-06-480 (NIHG 7/14/06)
URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-06-480.html>
Deadline: 1/12/2007

STUDENTS

37-13 Charlotte W. Newcombe Doctoral Dissertation Fellowships

(Wilson)

Administered by the Woodrow Wilson National Fellowship Foundation, the Charlotte W. Newcombe Doctoral Dissertation Fellowships are designed to encourage original and significant study of ethical or religious values in all fields of the humanities and social sciences, and particularly to help Ph.D. candidates in these fields complete their dissertation work in a timely manner. In addition to topics in religious studies or in ethics (philosophical or religious), dissertations appropriate to the Newcombe Fellowship competition might explore the ethical implications of foreign policy, the values of influencing political decisions, the moral codes of other cultures, and religious or ethical issues reflected in history or literature.

URL: <http://fconline.fdncenter.org/pnd/10004697/woodrow>
Deadline: 11/6/2006

37-14 East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI) (NSF)

The East Asian and Pacific Summer Institutes provide U.S. graduate students in science and engineering: 1) first-hand research experience in Australia, China, Japan, Korea, New Zealand or Taiwan; 2) an introduction to the science and science policy infrastructure of the respective location; and 3) orientation to the society, culture and language. The primary goals of EAPSI are to introduce students to East Asia and Pacific science and engineering in the context of a research laboratory, and to initiate personal relationships that will better enable them to collaborate with foreign counterparts in the future. The institutes last approximately eight weeks from June to August. The National Institutes of Health (NIH) co-sponsor the Summer Institute in Japan. Applications are submitted directly by the individual graduate student. NSF 06-602 (Posted 9/8/06)
URL: <http://www.nsf.gov/pubs/2006/nsf06602/nsf06602.htm>
Deadline: 12/12/2006

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