

Funding Bulletin

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

December 1, 2006

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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 43-1**) 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

43-1 NSF Scholarships in Science, Technology, Engineering and Mathematics (S-STEM) (NSF)

This program makes grants to institutions of higher education to support scholarships for academically talented, financially needy students, enabling them to enter the workforce following completion of an associate, baccalaureate, or graduate level degree in science and engineering disciplines. Grantee institutions are responsible for selecting scholarship recipients, reporting demographic information about student scholars, and managing the S-STEM project at the institution. An institution may submit one proposal from each constituent school or college that awards degrees in an eligible field. NSF 07-524 (Posted 11/17/06)

URL: <http://www.nsf.gov/pubs/2007/nsf07524/nsf07524.htm>

Deadline: Internal 12/15/2006; Letters of Intent 1/15/2007; Applications 2/16/2007

43-2 Research Project Grant (Parent R01) (NIH)

The Research Project Grant (R01) is an award made to an institution/organization to support a discrete, specified, circumscribed project to be performed by the named investigator(s). The R01 research plan proposed by the applicant institution/organization must be related to the stated program interests of one or more of the

NIH Institutes and Centers (ICs) based on descriptions of their programs. PA-07-070 (GG 11/20/06; NIHG 11/24/2006)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-070.html>

Deadline: 2/5/2007, 6/5/2007. 10/5/2007

43-3 Ecology of Infectious Diseases (NSF)

The Ecology of Infectious Diseases program solicitation supports the development of predictive models and the discovery of principles governing the transmission dynamics of infectious disease agents. To that end, research proposals should focus on understanding the ecological and socio-ecological determinants of transmission by vectors or abiotic agents, the population dynamics of reservoir species, the transmission to humans and other hosts, or the cultural, social, behavioral, and economic dimensions of disease communication. Research may be on zoonotic, vector-borne or enteric diseases of either terrestrial, freshwater, or marine systems and organisms, including diseases of non-human animals and plants, at any scale from specific pathogens to inclusive environmental systems. NSF 07-513 (Posted 10/27/06)

URL: <http://www.nsf.gov/pubs/2007/nsf07513/nsf07513.htm>

Deadline: 1/29/2007

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

43-4 Research in Support of the National Space Weather Program (NSF)

The National Space Weather Program (NSWP) is a multi-agency Federal research program seeking to mitigate the adverse effects of space weather. The NSWP goal is to ultimately achieve timely, accurate, and reliable space environmental observations, specifications, and forecasts. NSF 07-520 (Posted 11/7/06)

URL: <http://www.nsf.gov/pubs/2007/nsf07520/nsf07520.htm>

Deadline: 1/16/2007

43-5 Infospace Concept Exploration and Development (DOD)

The Information Directorate of the Air Force Research Laboratory (AFRL), Rome Research Site, is soliciting white papers under the announcement for innovative technologies to support the development and operation of information management technology in accordance with AFRL Information Management technology goals. This solicitation is divided into three (3) technical areas focused on how to construct, share and federate information. White papers are

expected to address a technical area but may address solutions that respond to requirements across the technical areas as well. All white papers should address solutions based on the development of non-proprietary, modular components (including the delivery of source code) that will be capable of being integrated into existing or emerging IM infrastructures. Area (1) is Dynamic Node Discovery; Area (2) is Infosphere Discovery and Bootstrap; and Area (3) is Infosphere Federation. BAA-05-03-IFKA (FBO 11/6/06)

URL: <http://www.fbo.gov/spg/USAF/AFMC/>

Deadline: White Papers 12/11/2006

43-6 Integrated Assessment of Multiple Greenhouse Gases, Climate Impacts, and Pollution (EPA)

EPA seeks proposals from eligible entities on improving models and their underlying data and scenarios for the assessment of both climate change and the linkages between climate change and air pollution, both of which are important issues for research and policy. Applicant's proposals should demonstrate enhanced understanding of the effects of climate change, and its economic implications, to assist decision makers and the public in effectively responding to the challenges and opportunities posed by climate change. This solicitation seeks proposals from eligible entities that will utilize an integrated modeling framework that includes economic, atmospheric chemistry, climate (incorporating a general circulation model) and ecosystem components. EPA-OAR-CC-06-10 (GG 11/7/06)

URL: <http://www.grants.gov>

Deadline: 12/22/2006

43-7 AIP and APS Congressional Fellowships (AIP)

Members of the physics community who want to spend a unique year learning about the inner workings of the federal government while getting involved on a personal level should consider applying to the American Institute of Physics and the American Physical Society Congressional Science Fellowship program. For physicists who want to apply their knowledge and skills beyond the lab bench, and who believe there is a need for technical advice and analysis in the conduct of national policy, the Congressional Fellowships are an opportunity to make a difference. After a two-week orientation in Washington, Fellows work with congressional offices to select an assignment in the office of a Member of Congress or for a congressional committee. Scientists of all ages and career levels are encouraged to apply.

URL: <http://www.aip.org/gov/sdf.html>

Deadline: 1/15/2007

43-8 Nuclear Physics Research and Development for the Advanced Fuel Cycles (DOE)

The Office of Nuclear Physics (NP), Office of Science (SC), U.S. Department of Energy (DOE), announces its interest in receiving applications for basic Research and Development (R D) projects relevant to development of advanced fuel cycles (AFC) for nuclear reactors. This research should help provide the nuclear data and knowledge, and related theory efforts required for advanced nuclear fuel cycles. Subject to appropriations, funds are anticipated to be available in the Low Energy and Theory/ Nuclear Data programs within the Office of Nuclear Physics (NP) for this program. DE-PS02-07ER07-05 (GG 11/6/06)
URL: <http://www.science.doe.gov/grants>
Deadline: 1/10/2007

43-9 Chemistry Research Instrumentation and Facilities: Cyberinfrastructure and Research Facilities

The Division of Chemistry of the National Science Foundation (NSF), under the umbrella of the Chemistry Research Instrumentation and Facilities Program (CRIF), has provided support to research institutions and consortia for the establishment of regional or national instrumentation facilities, the purchase of departmental research instrumentation, and the development of state-of-the-art equipment. The Chemistry Research Instrumentation and Facilities: Cyberinfrastructure and Research Facilities (CRIF:CRF) Program provides funding to build a foundation for cyber-enabled chemical research and education, and to establish and support multi-user instrumentation research facilities with unique capabilities in the chemical sciences. This is structured to enable NSF, through its Division of Chemistry, to respond to a variety of needs for infrastructure to support basic research and education in chemistry. NSF 07-518 (Posted 10/31/06)
URL: <http://www.nsf.gov/pubs/2007/nsf07518/nsf07518.htm>
Deadline: 2/2/2007

43-10 Scientific Discovery Through Advanced Computing: Climate Change Prediction Program (DOE)

The Office of Biological and Environmental Research (BER) of the Office of Science (SC), U.S. Department of Energy (DOE), announces its interest in receiving applications for research grants in the Climate Change Prediction Program (CCPP), which is a component of the U.S. Climate Change Science Program (CCSP). Applications should describe research projects supporting the development and application of climate models for climate change projections on time scales of decades to centuries. Proposals should clearly describe how that research will contribute to a measurably improved ability to use high-end computing for climatic change projections. DE-PS02-07ER07-06 (GG 10/25/06)

URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=11276>
Deadline: 1/25/2007

43-11 Science of Design (NSF)

The Science of Design Program seeks to initiate new activities to bring together the necessary knowledge and expertise to develop a rigorous science of design for software-intensive systems. The program seeks ideas that will broaden the ways in which software design research is conducted, particularly in light of increasing software sophistication, diversity, dependences, and risks. The focus on design as the central theme of this program is intended to raise the level of discourse, generate new interdisciplinary perspectives, and take a more holistic view of the major challenges of building software-intensive systems. A person may be a participant (i.e., PI, co-PI, senior personnel) on at most one proposal to the Science of Design program. NSF 07-505 (Posted 10/12/06)
URL: <http://www.nsf.gov/pubs/2007/nsf07505/nsf07505.htm>
Deadline: 2/5/2007

INTERNATIONAL/MULTICULTURAL

43-12 U.S.-China Collaboration in Mathematical Research (NSF)

This letter is to inform the community of U.S. scientists that the Division of Mathematical Sciences (DMS) has entered into an agreement with the Department of Mathematical and Physical Sciences (DMPS) of the National Natural Science Foundation of China (NSFC) in supporting joint projects between U.S.-based mathematicians/statisticians and China-based mathematicians in all research areas of mathematical and statistical sciences. To promote direct collaboration between U.S. and China based researchers, both NSF and NSFC will consider collaborative research projects that are innovative and beneficial to both sides. Because face to face interaction is important to effective collaborations, NSF expects visits of U.S.- based researchers to Chinese institutions for a period of two or more weeks, sufficient to establish new and innovative research collaborations. NSFC also expects visits of China-based researchers to U.S. institutions for a period of two or more weeks. NSF will accept requests for funding from collaborative teams in the form of a supplement to an existing award to DMS disciplinary programs. NSF 07-005 (Posted 11/1/06)
URL: <http://www.nsf.gov/pubs/2007/nsf07500/nsf07500.jsp>
Deadline: 1/19/2007

SOCIAL SCIENCES

43-13 Intimate Partner Violence and Stalking: Research for Policy and Practice (DOJ)

The National Institute of Justice (NIJ) is the research, development, and evaluation

agency of the U.S. Department of Justice and a component of the Office of Justice Programs (OJP). NIJ seeks proposals to gain research knowledge to increase victim safety and improve the justice system and related responses to intimate partner violence and stalking. Research is sought on victim safety and protection; programs and policies to hold offenders accountable; law enforcement, prosecution, and judicial responses; coordinated community responses; and effective responses in diverse communities. Proposals on foundational and developmental research may be submitted, although the primary goal of the program is to support research on the effectiveness of strategies and interventions that will result in general and useful information for policy and practice. 2007-NIJ-1414 (GG 10/25/06)
URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=11327>
Deadline: 1/23/2007

43-14 Research on Policing and Public Safety Interventions (DOJ)

The National Institute of Justice (NIJ) is the research, development, and evaluation agency of the U.S. Department of Justice and a component of the Office of Justice Programs (OJP). NIJ is seeking proposals to conduct research on policing and public safety interventions to improve law enforcement policies and operations at the State and local levels. Effective law enforcement and crime prevention are of critical importance to ensuring the safety of communities throughout the country. Given the limited resources of most police departments and other local agencies and groups, it is especially important to determine the effectiveness of police department policies and public safety interventions. 2007-NIJ-1419 (GG 10/30/06)
43-15 <http://www.ojp.usdoj.gov/nij/funding.htm>

Deadline: 1/30/2007

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