

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 32-6, 32-11**) 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/>

GENERAL

32-1 Science and Society (S&S) Program, Impacts of Biology on Society (NSF)

The purpose of this Dear Colleague Letter is to call your attention to an opportunity to request support for research focused on Biology and Society that is part of the Science and Society (S&S) Program (NSF 05-588). The S&S Program considers proposals that examine questions arising from the interactions of engineering, science, technology, and society. The Directorate for Biological Sciences is partnering with the Directorate for Social, Behavioral, and Economic Sciences to foster research that specifically addresses the interactions of the Biological Sciences with Society. Biology and Society projects should address one or more components of the S&S program in the context of biological questions. Partnerships between biologists and social scientists or philosophers or historians to address current issues, trends and questions relevant to the impacts of Biology on Society, and vice versa, are particularly encouraged. NSF 06-039 (Posted 8/16/06)

[URL: http://www.nsf.gov/pubs/2006/nsf06039/nsf06039.jsp](http://www.nsf.gov/pubs/2006/nsf06039/nsf06039.jsp)

Deadline: 2/1/2007, 8/1/2007

32-2 Dynamics of Coupled Natural and Human Systems (CNH) (NSF)

The Dynamics of Coupled Natural and Human Systems competition promotes

quantitative, interdisciplinary analyses of relevant human and natural system processes and complex interactions among human and natural systems at diverse scales. NSF 06-587 (Posted 7/13/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06587/nsf06587.htm>

Deadline: 11/16/2006

AGRICULTURE

32-3 Kansas Wheat Commission Grants (KWC)

The Kansas Wheat Commission (KWC) is now seeking research proposals for FY 2008 (July 1, 2007-June 30, 2008). Kansas Wheat, the cooperative agreement between the Kansas Wheat Commission and the Kansas Association of Wheat Growers, has developed a new strategic plan entitled Kansas Wheat: Profitability through Innovation. The plan is a new approach at enhancing demand for wheat. Consider the following goals of this plan when submitting your research proposals. Focus research by selecting research initiatives that support the industry's ability to gain and sustain market share profitability in both domestic and international markets; Educate Kansas wheat producers to adopt technologies that are shown by research and development to be profitable.; Cooperate with the wheat supply chain to adopt and implement technologies and innovations that support the profitability of Kansas wheat producers.

Deadline: AES 10/24/2006; Proposals 11/1/2006

32-4 Targeted Watersheds Grant Program (EPA)

The Targeted Watersheds Grant Program is a competitive grant program designed to support the protection and restoration of the country's water resources through a holistic watershed approach to water quality management. Nominations must be submitted by a governor or tribal leader. Organizations in Kansas interested in submitting a grant proposal for nomination by the governor should contact Debra Baker at the Kansas Water Office (1-888-KAN-WATER) (FR 8/15/06)

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

Deadline: 11/13/2006

EDUCATION

32-5 Discovery Research K-12 (DR-K12) (NSF)

Discovery Research K-12 funds research, development, and evaluation activities through knowledge generation and application to improve K-12 learning and teaching. The program addresses this

mission by funding activities in three major areas: Applied Research that supports three categories of projects: Evaluative Studies of NSF-Funded Resources and Tools, Studies of Student Learning Progressions, and Studies of Teachers and Teaching; Development of Resources and Tools that supports two categories of projects: Assessment of Students' and Teachers' Learning and Instruction of K-12 Students and Teachers; and Capacity Building that supports two categories of projects: STEM Systems Research and STEM Education Research Scholars. In addition to these three areas, conferences related to the mission of the program are also supported. NSF 06-593 (Posted 8/8/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06593/nsf06593.htm>

Deadline: Letters of Intent 11/1/2006; Preliminary Proposals 11/15/2006; Full Proposal 3/9/2007, 3/20/2007

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

32-6 High-Performance Computing for Science and Engineering Research and Education: Operations (User Support, System Administration and Maintenance) (HPCOPS) (NSF)

This solicitation seeks to support research and education in science and engineering that requires the use of high-performance computing systems by providing support for the operation of existing HPC systems. This solicitation is a competitive opportunity for institutions that have significant HPC systems with an expected useful life that extends beyond 2007 and which they wish to make available, through the TeraGrid, to the science and engineering community without restriction to discipline. The limit on the number of proposals per organization is 1. NSF 06-599 (Posted 8/29/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06599/nsf06599.htm>

Deadline: Internal Deadline 9/28/2006; Proposals 11/28/2006

32-7 EarthScope National Office (ENO) (NSF)

This solicitation calls for proposals to establish an EarthScope community-based office to foster and support integrated science, education, outreach, and related activities for the EarthScope program. The office will facilitate and coordinate EarthScope scientific planning and Education and Outreach activities. The office will facilitate collaborative research and when necessary, form scientific responses to events in EarthScope topics and/or regions of interest. NSF 06-600 (Posted 9/1/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06600/nsf06600.htm>

Deadline: 11/30/2006

32-8 CISE Computing Research Infrastructure (CRI) (NSF)

The Computer and Information Science and Engineering (CISE) Computing Research Infrastructure (CRI) program supports the acquisition, development, enhancement, and operation of research infrastructure that enables discovery, learning, and innovation in all computing fields supported by CISE. Supported infrastructure includes instrumentation needed by research or research and education projects, major experimental facilities for an entire department or for multi-institutional projects, and testbeds or data archives for an entire subfield of CISE researchers. The CRI program replaces and expands upon three previous CISE programs: Minority Institutional Infrastructure (MII), Research Infrastructure (RI), and Research Resources (RR). The most significant changes from the former programs are that CRI will support Community Resource Development grants in addition to Infrastructure Acquisition/Development grants. NSF 06-597 (Posted 8/17/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06597/nsf06597.htm>

Deadline: Letters of Intent 10/2/2006; Proposals 11/15/2006

32-9 CEDAR, GEM, and SHINE Postdoctoral Research (NSF)

The Coupling, Energetics, and Dynamics of Atmospheric Regions (CEDAR) program, the Geospace Environment Modeling (GEM) program, and the Solar, Heliosphere and Interplanetary Environment (SHINE) program are special programs within the Aeronomy, Magnetospheric Physics and Solar-Terrestrial Research programs in the Atmospheric Sciences Division of the Geosciences Directorate. These three programs each involve specific regions of the space environment and the way these regions interact. Each of the programs has its own Program Solicitation, but they have a common commitment to support researchers who have recently received their Ph.D. degree, allowing them to request limited support for CEDAR/GEM/SHINE research activities of their own devising. NSF 06-584 (Posted 7/11/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06584/nsf06584.htm>

Deadline: 2/5/2007

HEALTH & LIFE SCIENCES

32-10 US Army Medical Research and Materiel Command Broad Agency Announcement (BAA) (DOD)

The U.S. Army Medical Research and Materiel Command's (USAMRMC) Broad Agency Announcement (BAA) 06-1 is available. The USAMRMC'S mission is to provide solutions to medical problems of importance to the American warfighter at home and abroad. The scope

of this effort and the priorities attached to specific projects are influenced by changes in military and civilian medical science and technology, operational requirements, military threat assessments, and national defense strategies.

W81XWH-BAA06-1 (GG 9/1/06)

URL: <http://www.usamraa.army.mil>

Deadline: 9/30/2007

32-11 Short Term Educational Experiences for Research (STEER) in the Environmental Health Sciences for Undergraduates and High School Students (R25) (NIH)

This funding opportunity announcement (FOA) solicits Research Education Project (R25) grant applications from organizations that propose an organized short term program for high school and undergraduate students of research experiences and informational exchanges designed to impart to participants an appreciation of research on the environmental impacts on human health. Only one application may be submitted per school or college within a university in response to this FOA. RFA-ES-06-009 (NIHG 9/1/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-06-009.html>

Deadline: Internal Deadline 10/1/2006; Letters of Intent 12/11/2006; Applications 1/11/2007

32-12 Allen Foundation (Charity)

The Allen Foundation grants are limited under the terms of the foundation's charter to projects that primarily benefit programs for human nutrition in the areas of health, education, training, and research. The policies and priorities are: To make grants to fund relevant nutritional research; To support programs for the education and training of mothers during pregnancy and after the birth of their children, so that good nutritional habits can be formed at an early age; To assist in the training of persons to work as educators and demonstrators of good nutritional practices; To encourage dissemination of information regarding healthful nutritional practices and habits; In limited situations to make grants to help solve immediate emergency hunger and malnutrition problems.

URL: <http://www.allenfoundation.org/aboutus.asp>

Deadline: 12/31/2006

32-13 Exfoliated Cells and Circulating DNA in Cancer Detection and Diagnosis (R21) (NIH)

The National Cancer Institute solicits grant applications aimed at the development of novel technologies for capturing, enriching, and preserving exfoliated abnormal cells from body fluids or effusions as well as methods for concentrating the tumor-derived sub-cellular material for use in biomarker studies. In body fluids, such as sputum, exfoliated tumor cells are a minor component compared to normal cells. As a result, the detection of

exfoliated abnormal cells by routine cytopathology is often limited by the small number of atypical cells present in a given specimen. New enrichment methods are necessary to facilitate the detection of small numbers of exfoliated tumor cells and tumor-derived sub-cellular materials in biological fluids. This funding opportunity announcement (FOA) will use the NIH Exploratory/Developmental (R21) grant mechanism and runs in parallel with two FOAs of similar scientific scope that solicit applications under the SBIR and STTR mechanisms RFA (RFA-CA-07-027 and RFA-CA-07-028). PA-06-499 (NIHG 7/28/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-499.html>

Deadline: 10/1/2006, 2/1/2007, 6/1/2007

32-14 Development of Nonmammalian Models and Related Biological Materials for Research (R21) (NIH)

This funding opportunity announcement (FOA) solicits Exploratory/Developmental (R21) grant applications from applicant organizations proposing to develop new non-mammalian research model systems or expand on the usefulness of existing non-mammalian model systems. Examples of types of model system that will be considered include fish and other lower vertebrates, invertebrates, microorganisms and cell and tissue culture systems. Models to be considered must be applicable to the research interests of two or more categorical NIH Institutes/Centers. PA-06-498 (NIHG 7/28/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-498.html>

Deadline: 10/1/2006, 2/1/2007, 6/1/2007

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

Jim Guikema, Associate Vice Provost, Graduate Research
Caron Boyce, Administrative Specialist

Preaward Section

Paul Lowe, Director
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Dorothy Doan, Candice Foster, Rex Goff,
Dawn Caldwell, Sharon Zoeller

Information Specialist & Editor
Beverly Page

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Adassa Roe, Administrative Specialist

Congressional Relations
Sue Peterson, R.W. Trewyn