

Funding Bulletin

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

February 14, 2005

Vol. 14, No. 6

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

NOTICES

6-1 Kansas NSF EPSCoR (KNE/NSF)

The Kansas NSF Experimental Program to Stimulate Competitive Research (EPS-CoR) has posted its Request for Proposals for Major Initiatives to be components of the state submission to NSF's Research Infrastructure Improvement Program. Major Initiative Grants (MIGs) are intended to add significant capacity to the academic research infrastructure in the Biosciences and will address Grand Challenge problems or other 21st Century problems in science by crossing discipline, institutional, sector, and state lines to develop integrated scientific research programs.

URL: <http://www.nsfepscor.ku.edu>

Deadline: Letters of Intent 3/4/2005;
Proposals 4/28/3006

6-2 FDA and USRG Grants (KSU)

Applications are being accepted for the Spring round of funding for President's Faculty Development Awards (FDAs) and University Small Research Grants (USRGs). A Q&A Session will be held February 18, 3:30, in Room 102 Fairchild.

URL: <http://www.ksu.edu/research/funding/>

Deadline: 3/7/3005

GENERAL

6-3 Synthesis of Arctic System Science (NSF)

This solicitation is for research that synthesizes our understanding of the arctic system. The arctic system is a set of interconnected and interacting physical, biological, and human components and processes in the northern region influenced by the existence of perennial ice (sea ice, ice sheets, glaciers, permafrost, etc.) Research efforts supported will build on and integrate the wealth of existing data and knowledge to advance our understanding of the behavior of the arctic system or key subsets of the system and to understand the role it plays in the global system and society. NSF 05-525 (Posted 11/19/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05525>

Deadline: 3/18/2005

6-4 Shared Instrumentation Grant Program (NIH)

The NCRR Shared Instrumentation Grant (SIG) program solicits applications from groups of NIH-supported investigators to purchase or upgrade commercially available instruments that cost at least \$100,000. Types of instruments supported include confocal and electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell sorters and NMR spectrometers, among others. For purposes of eligibility, a major user group of three or more investigators must be identified. A minimum of three major users must be Principal Investigators on NIH peer reviewed research grants at the time of the application and award. PAR-05-028

URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-05-028.html>

Deadline: 3/22/2005

AGRICULTURE

6-5 National Integrated Water Quality Program-Conservation Effects Assessment Project (CEAP) (USDA)

CSREES requests applications for the Integrated Research, Education, and Extension Competitive Grants Program--Conservation Effects Assessment Project (CEAP) for fiscal year (FY) 2005 to develop research, education, and extension projects aimed at improving the quality of water resources in agricultural watersheds across the Nation. CEAP seeks to find projects that evaluate the effects of watershed conservation practices, especially with respect to understanding how the suite of conservation practices, the timing of these activities, and the spatial distribution of these practices throughout a watershed influence their effectiveness for achieving locally defined water quality goals. USDA-GRANTS-012705-003 (FG 1/28/05)

URL: <http://www.csrees.usda.gov>

Deadline: 3/29/2005

6-6 Scientific Cooperation Research Program (USDA)

The Scientific Cooperation Research Program (SCRIP) funds long-term and short-term international collaborative research and exchanges that address concerns for food security, environmental stewardship, and agricultural trade. Successful proposals focus on the mutual strategic goals of USDA and its worldwide partners. SCRIP projects promote the enhancement of agricultural producers' economic opportunities, protection from agricultural pests and diseases, food safety, nutrition and health, rural quality of life, and the environment. USDA-GRANTS-122904-001 (FG 12/30/04)

URL: <http://www.fas.usda.gov/icd/>

grants/scrp.htm

Deadline: 3/15/2005

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

6-7 Multiscale Mathematics Research and Education (DOE)

The Office of Advanced Scientific Computing Research (ASCR) of the Office of Science (SC), U.S. Department of Energy (DOE), announces its interest in receiving research grants for multiscale mathematics research and education, in support of the ASCR program, the ASCR-SciDAC (Scientific Discovery through Advanced Computing) partnership, and the broader SC research programs. Prospective applicants should observe that: 1) Applications serving two complementary objectives, the advancement of multiscale mathematics research, both as an intellectual pursuit and a computational science enabler; and innovative approaches to educating computational scientists in the effective use of multiscale mathematics are sought; 2) Proposed research and educational activities should be relevant to the mission of the Office of Science and, in particular in to the long term goals of its applications research programs; 3) In order to maximize the dissemination of information, promote and support technology commercialization, and avoid unnecessary duplication of effort, collaboration and communication amongst industry, laboratories, research centers and universities are encouraged. DE-FG01-05ER05-16 (FG 1/28/05)

URL: <http://www.science.doe.gov/grants/FAPN05-16.html>

Deadline: 3/28/2005

6-8 Undergraduate Research Centers (URC) (NSF)

The Undergraduate Research Center (URC) Program seeks new models and partnerships with the potential 1) to expand the reach of undergraduate research to include first- and second-year college students; and 2) to enhance the research capacity, infrastructure, and culture of participating institutions, thereby strengthening a nation's research enterprise. For this program, research should be in the chemical sciences or in interdisciplinary areas supported by the chemical sciences. Projects should provide exposure to research of contemporary scientific interest that is addressed with modern research tools and methods. An institution may submit only one proposal as lead institution. Please contact Jim Guikema, 532-6195, guikema@ksu.edu, by February 28 if you are interested in submitting a proposal. NSF 05-539 (Posted 12/30/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05539>

**Deadline: Letters of Intent 3/7/2005;
Applications 4/4/2005**

6-9 Collaboration in Mathematical Geosciences (NSF)

The purposes of the Collaboration in Mathematical Geoscience activity are: A) Interdisciplinary Group Research Project to enable collaborative research at the intersection of mathematical sciences and geosciences, and to encourage cross-disciplinary education through B) Interdisciplinary Post-graduate Summer training summer graduate training activities and C) Interdisciplinary Post-doctoral Research opportunities for interdisciplinary post-doctoral research. Research topics under (A) should fall within one of three broad themes: 1) mathematical and statistical modeling of large, complex geosystems, 2) representing uncertainty in geosystems, or 3) analyzing large geoscience data sets. NSF 05-535 (Posted 12/13/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05535>

Deadline: 3/15/2005

6-10 Regional Carbon Sequestration (DOE)

The Energy Department invites applications for partnerships to test and validate promising carbon sequestration techniques. Partnerships will build on the work of earlier programs to demonstrate the efficacy of sequestration by focusing on field validation tests and regional locations with the greatest promise of storing large quantities of carbon dioxide from other power plant emissions and other sources. (FR 12/16/04)

URL: <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS26-05NT42255/Grant.html>

Deadline: 3/15/2005

6-11 Sensors and Sensor Networks (Sensors) (NSF)

The National Science Foundation (NSF), through the Directorate for Engineering, the Directorate for Geosciences, and the Office of Polar Programs, announces a broad interdisciplinary program of research and education in the area of advanced sensor development. This solicitation seeks to advance fundamental knowledge in engineering of materials, concepts, and designs for new sensors; networked sensor systems in a distributed environment; terrestrial, atmospheric, and aquatic environmental analysis; the integration of sensors into engineered systems; and the interpretation and use of sensor data in decision-making processes. An individual researcher may not be named as a participant on more than one proposal submitted to this solicitation. NSF 05-526 (Posted 11/30/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05526>

Deadline: 3/3/2005

HEALTH & LIFE SCIENCES

6-12 NIOSH Support for Conferences and Scientific Meetings (R13/U13) (HHS)

This Program Announcement provides guidelines for the National Institute for Occupational Safety and Health's (NIOSH) support for scientific meetings. The NIOSH recognizes the value of supporting high quality scientific meetings that are relevant to its scientific mission and to the public health. A scientific meeting is defined as a gathering, symposium, seminar, conference, workshop or any other organized, formal meeting where persons assemble to coordinate, exchange, and disseminate information or to explore or clarify a defined subject, problem or area of knowledge. PAR-05-005 (NIHG 10/22/04)

URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-05-005.html>

Deadline: Letters of Intent 3/1/2005, 7/1/2005; Applications: 4/15/2005, 8/15/2005

SOCIAL SCIENCES

6-13 Transition to Democracy in Cuba (USAID)

The United States Government, represented by the U.S. Agency for International Development (USAID)'s Office of the Assistant Administrator for Latin America and the Caribbean (AA/LAC) is seeking applications from qualified applicants for funding of assistance instruments to design and implement a program to encourage the emergence of independent civil society in Cuba and thereby promote a peaceful transition to democracy in Cuba. Applicants will propose programs intended to furnish non-financial assistance and provide other non-financial support for Cuban individuals and independent non-governmental organizations to support democracy-building efforts in Cuba. M-OAA-GRO-LMA-05-LAC-CUBA (FG 11/29/04)

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

Deadline: 3/15/2005

6-14 AmeriCorps National FY 2005 Planning Grant (NCNS)

For 2005, the Corporation will continue to help strengthen the accountability and performance of programs receiving funds under national service laws. During the coming program year the Corporation will continue to work with programs to introduce and deliver an enriched civics training program for members. A significant percentage of programs supported by the Corporation provide tutoring and other support to assist children in learning how to read. Capacity building is a process that helps an organization gain greater independence and sustain ability. CNCS-GRANTS-100804-001 (FG 10/8/04)

URL: <http://www.americorps.org/resources/2005guidelines/index.html>

Deadline: 4/8/2005

6-15 AmeriCorps National FY 2005

New Grants (CNCS)

The Corporation for National and Community Service provides opportunities for Americans of all ages and backgrounds to serve their communities and country through three main programs: Senior Corps, AmeriCorps, and Learn and Serve America. AmeriCorps is a network of national service programs that engage more than 50,000 Americans each year in intensive service to meet critical needs in education, public safety, health, and the environment. AmeriCorps National awards grants to organizations proposing multi-state AmeriCorps programs. CNCS-GRANTS-110404-001 (FG 11/4/04)

URL: <http://www.americorps.org/resources/2005guidelines/index.html>

Deadline: 3/8/2005

STUDENTS

6-16 Science, Mathematics, and Research for Transformation (SMART) Defense Scholarship Pilot Program (DOD)

Science, mathematics, and engineering (SME) are vital disciplines to our national defense, therefore a formal Department of Defense (DoD) Science, Mathematics and Research for Transformation (SMART) Scholarship has been established by the Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005. The purpose is to promote the education, recruitment and retention of rising junior and senior undergraduate and graduate students in SME studies. SMART Scholarships are awarded to applicants who are pursuing a degree in, or closely related to, one of the following SME disciplines: Aeronautical and Astronautical Engineering; Biosciences; Chemical Engineering; Chemistry; Civil Engineering; Cognitive, Neural, and Behavioral Sciences; Computer and Computational Sciences; Electrical Engineering; Geosciences; Materials Science and Engineering; Mathematics; Mechanical Engineering; Naval Architecture and Ocean Engineering; Oceanography; and Physics.

URL: <http://www.asee.org/smart>

Deadline: 3/4/2005

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