

Funding Bulletin

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

April 3, 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 13-5; 13-9; 13-13**) 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>

NOTICE

13-1 FIPSE Workshop (KSU)

Sue Maes, Senior Development Officer at K-State and recipient of several U.S. Department of Education Fund for the Improvement of Postsecondary Education (FIPSE) awards, is hosting a FIPSE Workshop April 13, 1:00-3:00, in Hale 503. Featured will be a phone conference with Cassandra Courtney, Director of the Comprehensive Program Competition, who will describe the current interests of the FIPSE Comprehensive Program and visit with attendees about their ideas for grant projects. Paul Lowe, Director of PreAward Services, will address FIPSE guideline issues. Seating is limited so please RSVP to: orsp@ksu.edu if you wish to attend.
Deadline: 4/13/2006

GENERAL

13-2 Basic Research Program in Chemical, Biological, Radiological, and Nuclear Defense (DOD)

The U.S. Army Research Office (ARO) announces the availability of Broad Agency Announcement (BAA) Basic Research Program in Chemical, Biological, Radiological and Nuclear Defense of the Joint Science and Technology Office, Physical Science and Technology Division 2007. Basic research is systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and has the potential for

broad, rather than specific, application. Proposals are solicited in the following sciences: Atmospheric and Space Sciences, Biological and Life Sciences, Chemistry, Cognitive and Neural Sciences, Computing Information Science, Electronics, Mathematical Science, Materials Science, Mechanical Science, Physics, Terrestrial and Ocean Sciences, and Nanoscience. W911NF-06-R-0005 (FBO 3/27/06)

URL: <http://www.aro.army.mil/baa>
Deadline: White Papers 4/27/2006;
Applications 6/20/2006

13-3 Conferences, Workshops Grants (EPA)

The U.S. Environmental Protection Agency (EPA) is soliciting applications for the planning, arranging, administering, and conducting of conferences, workshops, and/or meetings in the areas of 1) EPA mission related issues connected to protecting human health and safeguarding the natural environment; 2) advancing the scientific and technical research that promotes environmental protection; 3) exploring current and emerging issues of importance to environmental protection; and/or 4) encouraging collaboration among the nation's best scientists and engineers in academia, business and nonprofit research institutes.

URL: <http://www.epa.gov/ord/html/grantopportunity.htm>
Deadline: 1/18/2007

13-4 Collaborative Science and Technology Network for Sustainability (EPA)

Through the Collaborative Science and Technology Network for Sustainability (CNS), the U.S. Environmental Protection Agency's (EPA) Office of Research and Development (ORD) is seeking applications proposing innovative regional projects that apply science to decision-making to address a stated problem or opportunity relating to sustainability. The following areas are of particular interest: 1) identify a practical problem or opportunity relating to sustainability and explain its long-term importance or significance; 2) articulate the use of science and engineering, including data or information to be synthesized; 3) define short and long term success in terms of environmental, economic, and social measures and explain how progress will be tracked; 4) identify partners and collaborators for the project and approach for stimulating broader participation; 5) articulate a plan for transferring tools, approaches, and lessons to other states, localities, regions or industries. There are two specific application areas to be considered:

1) Communities and the Built Environment; 2) Industrial Ecology and Organizational Behavior.

URL: http://es.epa.gov/ncer/rfa/2006/2006_star_cns.html
Deadline: 5/17/2006

13-5 Partnerships for Innovation (PFI) (NSF)

The goals of the Partnerships for Innovation Program are to: 1) stimulate the transformation of knowledge created by the research and education enterprise into innovations that create new wealth, build strong local, regional and national economies and improve the national well-being; 2) broaden the participation of all types of academic institutions and all citizens in NSF activities to meet the broad workforce needs of the national innovation enterprise and; 3) catalyze or enhance enabling infrastructure necessary to foster and sustain innovation in the long-term. A senior institutional administrator (dean or higher) at the lead institution must serve as Principal Investigator or Co-Principal Investigator. No organization may be a partner in more than two Partnership proposals per competition. An eligible U.S. academic institution may submit only one Partnership proposal as a lead institution. NSF 06-550 (Posted 3/8/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06550/nsf06550.htm>
Deadline: Internal Deadline 4/28/2006;
Letters of Intent 6/28/2006; Applications 8/30/2006

AGRICULTURE

13-6 Plant Genome Comparative Sequencing Program (NSF)

The goal of this program is to support the development of genome sequence resources that would contribute to a conceptual framework for the interpretation of the structure, function and evolution of genomes of economically important plants. Projects are solicited that focus on a biological question that is enabled by the proposed sequence resources and was unanswerable with existing resources. Proposers must provide clear justification for the plant or plants selected and the type of resource to be generated. NSF 06-555 (Posted 3/17/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06555/nsf06555.htm>
Deadline: 6/16/2006

ARTS & HUMANITIES

13-7 Antarctic Artists and Writers Program (NSF)

The purpose of the Antarctic Artists and Writers Program is to enable serious writings and works of art that exemplify the

Antarctic heritage of humankind. In particular, the program seeks to increase public understanding of the Antarctic region, including the continent and the surrounding oceans, as well as the associated research and education endeavors. The Antarctic Artists and Writers Program provides opportunities for professional artists and writers to travel to Antarctica—at research stations, field camps, and aboard ships—to make the observations necessary to complete their proposed projects. NSF 06-554 (Posted 3/14/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06554/nsf06554.htm>

Deadline: 6/13/2006

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

13-8 Consequences of Global Change For Air Quality (EPA)

The Environmental Protection Agency (EPA) Office of Research and Development (ORD), National Center for Environmental Research (NCER), in cooperation with the EPA Global Change Research Program, announces an extramural funding competition supporting research into the consequences for air quality of global change - including climate, climate variability, land-use, economic development, and technology. EPA is interested in analysis of pollutant emissions related to tropospheric ozone, particulate matter, and mercury that may be altered by future global changes. EPA-G2006-STAR-J1 (GG 3/17/06)

URL: http://es.epa.gov/ncer/rfa/2006/2006_star_gcag.html

Deadline: 6/20/2006

13-9 Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce (CI-TEAM) (NSF)

Information technology (IT)-enabled systems, tools, and services have had profound impact on the practice of science and engineering research and education. Integrated to create a national cyberinfrastructure, these systems, tools and services are enabling individuals, groups and organizations to advance science and engineering in ways that revolutionize who can participate, what they can do, and how they do it. To harness the full power of cyberinfrastructure, and the promise it portends for discovery, learning and innovation across and within all areas of science and engineering, requires investments in the in the preparation of a science and engineering workforce with the knowledge and skills needed to create, advance and take advantage of cyberinfrastructure over the long-term. The FY06 expanded CI-TEAM solicitation seeks two types of project proposals: the Demonstration Project is exploratory in nature and may be somewhat limited in scope and scale. The Implementation Project is generally larger in scope or scale and draws on prior experience with the activities or the teams proposed. Implementa-

tion projects that are expected to deliver sustainable learning and workforce development activities that complement ongoing NSF investment in cyberinfrastructure. An organization may submit only one proposal as the lead organization. NSF 06-548 (Posted 3/7/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06548/nsf06548.htm>

Deadline: Internal 4/15/2006; 6/5/2006

13-10 Technological Challenges in Hybrid Communications Systems (NSF)

The National Science Foundation (NSF) announces a solicitation on technological challenges in hybrid communications systems. This topic, with broad disciplinary research and educational activities, integrates wireless optical, and RF/microwave communications systems, for domain specific applications. The solicitation seeks proposals on novel concepts in hybrid communications systems including advanced photonic and wireless integrated circuits; new approaches and methodologies to develop architectures for hybrid networks; and new mathematical models to stimulate the performance of components, interfaces, sub-systems, systems and interfaces to advance seamless integration of wireless optical and RF/microwave communications. An individual may participate in only one proposal, whether as PI, or co-PI, or non-senior personnel. NSF 06-547 (Posted 3/6/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06547/nsf06547.htm>

Deadline: 6/6/2006

13-11 Geophysics (NSF)

The Geophysics Program supports basic research in the physics of the solid earth to explore its composition, structure, and processes. Laboratory, field, theoretical, and computational studies are supported. Topics include seismicity, seismic wave propagation, and the nature and occurrence of earthquakes; the earth's magnetic, gravity, and electrical fields; the earth's thermal structure; and geodynamics. Supported research also includes geophysical studies of active deformation, including geodesy, and studies of the properties and behavior of earth materials in support of geophysical observation and theory. NSF 06-546 (Posted 2/28/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06546/nsf06546.htm>

Deadline: 6/1/2006, 12/1/2006

13-12 Postdoctoral Program in Environmental Chemistry (Dreyfus)

The Camille and Henry Dreyfus Foundation seeks to further the development of scientific leadership in the field of environmental chemistry with a postdoctoral fellowship program. The spirit of this program is for research leaders in environmental chemistry, after notification of the award, to recruit excellent young Ph.D. graduates from the fields of physical, organic, inorganic, biological chemistry,

or associated fields in chemical engineering, and provide them with the highest caliber of research experience and education in environmental science.

URL: <http://www.dreyfus.org/ep.shtml>

Deadline: 5/25/2006

13-13 New Faculty Award Program (Dreyfus)

The Camille and Henry Dreyfus Foundation seeks to support the scholarly activity of new faculty with an award designed to help initiate their independent research programs. The New Faculty Award provides an unrestricted research grant of \$50,000 that is generally made before the new faculty members formally begin their first tenure-track appointment, and is based on institutional nomination. An institution is allowed to make only one nomination annually.

URL: <http://www.dreyfus.org/nf.shtml>

Deadline: Internal Deadline 4/11/2006;

Applications 5/11/2006

HEALTH & LIFE SCIENCES

13-14 Horses and Humans Foundation Grants (HHF)

The Horses and Humans Foundation has announced its first call for proposals for funding in 2006. The foundation invites applicants to submit proposals to fund research that provides evidence of the therapeutic effects of horses on humans. The primary goal of the foundation is to promote research that directly benefits program participants by showing them how to be more effective instructors, therapists, and facilitators. The broad research agenda includes basic research as well as clinical studies that will ultimately impact physical disabilities who are involved with equine-assisted activities.

URL: <http://www.horsesandhumans.org>

Deadline: 6/30/2006

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