

Funding Bulletin

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

July 31, 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 28-13**) 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>

AGRICULTURE

28-1 Plant Genome Research Program (PGRP) (NSF)

The overall goals of this program are to support basic research in a plant genomics and to accelerate the acquisition and utilization of new knowledge and innovative approaches to elucidating fundamental biological processes in plants. The focus is on plants of economic importance and plant processes of economic value. Three kinds of activity will be supported in FY 2007 and FY 2008: 1) Genome-Enabled Plant Research (GEPR) awards to tackle major unanswered questions in plant biology on a genome-wide scale, 2) Transferring Research from Model Systems (TRMS) to apply basic biological findings made using model systems to studying the basic biology of plants of economic importance, and 3) Tools and Resources for Plant Genome Research (TRPGR) awards to support development of novel technologies and analysis to enable discovery in plant genomics. NSF 06-581 (Posted 6/29/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06581/nsf06581.htm>

Deadline: 10/6/2006, 1/21/2008

BUSINESS

28-2 Economic Development Research and Evaluation Program (DOC)

The Economic Development Administration (EDA) is soliciting applications for

FY 2006 Research and Evaluation Program funding. EDA's mission is to lead the Federal economic development agenda by promoting innovation and competitiveness, preparing American regions for growth and success in the worldwide economy. Through its Research and Evaluation Program, EDA funds research and technical assistance projects to promote competitiveness and innovation in urban and rural regions throughout the United States and its territories. By working in conjunction with its research partners, EDA will help States, local governments and community-based organizations to achieve their highest economic potential. (FR 7/18/06)
URL: <http://www.eda.gov>
Deadline: 8/15/2006

EDUCATION

28-3 Family Literacy Grants (Bush)

The Barbara Bush Foundation for Family Literacy has announced its 2007 national grant competition. The foundation's grantmaking program seeks to develop or expand projects that are designed to support the development of literacy skills for adult primary care givers and their children. The organization must operate an instructional literacy program that has been in existence for at least two years and includes one or more of the following components: literacy for adults, parent education, pre-literacy or literacy instruction for children pre-K to grade 3, and intergenerational literacy activities.

URL: <http://www.barbarabushfoundation.com>

Deadline: 9/8/2006

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

28-4 Sustainable Vision Grants (NCIIA)

The National Collegiate Inventors and Innovators Alliance (NCIIA) is pleased to announce its new Sustainable Vision grants program. These exploratory grants will support the creation of new U.S. and international initiatives and will help define transferable and replicable models for effective and sustainable technology entrepreneurship. Sustainable Vision grants will fund innovative educational programs that move ideas to commercialization for the benefit of the environment and people in need. The grants will support enrichment and deepening of ongoing programs by building and strengthening interpersonal and inter-institutional networks, and creating new initiatives within existing programs.

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

Deadline: 10/27/2006

28-5 Cooperative Studies of the Earth's Deep Interior (CSEDI) (NSF)

The Division of Earth Sciences (EAR) invites the submission of proposals for collaborative, interdisciplinary studies of the Earth's interior within the framework for the community-based initiative known as the Cooperative Studies of the Earth's Deep Interior (CSEDI). Funding will support basic research on the character and dynamics of the Earth's mantle and core, their influence on the evolution of the Earth as a whole, and on processes operating within the deep interior that affect or are expressed on the Earth's surface.

Projects may employ any combination of field, laboratory, and computational studies with observational, theoretical, or experimental approaches. Multidisciplinary work is required. NSF 06-578 (Posted 6/20/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06578/nsf06578.htm>

Deadline: 10/25/2006

28-6 Plasma Physics Junior Faculty Development Program (DOE)

The Office of Fusion Energy Sciences (OFES) of the Office of Science (SC), U.S. Department of Energy (DOE), announces its interest in receiving grant applications for support under its Plasma Physics Junior Faculty Development Program. Applications should be from tenure-track faculty investigators and should be submitted through a U.S. academic institution. Applications from Junior Faculty involved in any area of basic plasma physics research, not only magnetic fusion, are welcomed and encouraged. Emphasis is to be placed on the fundamental plasma physics elements of the research as opposed to applications of plasma physics. DE-PS02-06ER06-18 (GG 7/3/06)

URL: <http://www.science.doe.gov/grants/FAPN06-18.html>

Deadline: Letters of Intent 8/9/2006; Applications 9/6/2006

HEALTH & LIFE SCIENCES

28-7 NIGMS National Centers for Systems Biology (P50) (NIH)

The National Institute of General Medical Sciences (NIGMS) invites applications for National Centers for Systems Biology. The goal of the program is to promote institutional development of pioneering research, training and outreach programs focused on systems level analysis of biological phenomena of biomedical importance within the NIGMS mission. The NIGMS supports fundamental inquiries focused on molecular and cell biology, biophysics, genetics and development biology, pharmacology, anesthesiology, and human physiology in the areas of

trauma, burn, inflammation, and multi-organ failure. RFA-GM-07-004 (NIHG 7/7/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-07-004.html>

Deadline: Letters of Intent 10/23/2006; Applications 11/21/2006

28-8 RYKA Women's Fitness Grants (Womens Sports)

RYKA and the Women's Sports Foundation have partnered in a program to provide fitness grants to organizations and programs that enhance women's lives through health and fitness. The purpose of the RYKA Women's Fitness Grant is to provide financial assistance to fitness programs that: 1) empower and enhance the self-esteem of women aged 25 and older; 2) combine fitness activities and health education; and/or 3) serve women recovering from health and/or emotional challenges.

URL: <http://fconline.fdncenter.org/pnd/10003300/womenssports>

Deadline: 9/8/2006

28-9 Cooperative Research Partnerships into Therapeutics and Diagnostics for Biodefense Toxins (U01) (NIH)

Through this RFA, the NIAID invites research grant applications that will support the discovery, design, and/or development of novel therapeutics and/or post-exposure prophylactics and rapid and sensitive diagnostics for certain biodefense toxins: Shiga toxins, ricin toxin, the Staphylococcus enterotoxin B (SEB), Clostridium perfringens epsilon toxin and the botulinum neurotoxins. RFA-AI-06-035 (NIHG 6/23/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-06-035.html>

Deadline: Letters of Intent 10/27/2006; Applications 11/27/2006

28-10 Developmental/Exploratory Alcohol Research Centers (P20) (NIH)

The NIAAA Alcohol Research Center program provides leadership in conducting and fostering interdisciplinary research on a wide variety of topics including, but not limited to: the nature, causes, consequences, diagnosis, treatment, and prevention of alcohol abuse and alcoholism; and in developing new topics, approaches and methodologies to pursue these areas of research. This RFA uses the Developmental/Exploratory Research Center (P20) mechanism to provide support for a group of researchers to create a cohesive, interdisciplinary team focused on a significant alcohol research theme and to assist them in establishing the necessary collaborations, facilities and research projects to justify a subsequent application for a Specialized (P50) or a Comprehensive (P60) Alcohol Research Center. RFA-AA-07-001 (NIHG 6/2/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-01-001.html>

Deadline: Letters of Intent 11/17/2006;

Applications 12/20/2006

28-11 Specialized Alcohol Research Centers (NIH)

This RFA uses the NIH Specialized Research Center (P50) mechanism to support an integrated, broad-based multidisciplinary, multi-investigator, long-term program of research and research support activities planned around a specific major research theme. Alcohol Research Centers are expected to act as a regional or National resource in their particular area of expertise, to facilitate research training and to actively develop research collaborations with outside investigators. An applicant may submit a response to only one of the three Alcohol Research Center funding opportunities currently open. RFA-AA-07-002 (NIHG 6/2/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-07-002.html>

Deadline: Letters of Intent 11/17/2006; Applications 12/20/2006

28-12 Biomarker Development for Diabetic Complications (R21) (NIH)

Type 1 diabetes is a metabolic disorder in which hyperglycemia and other metabolic defects lead to significant morbidity and mortality through cardiovascular diseases, stroke, chronic renal failure, blindness, nerve impairment and amputations. Better assessments of disease progression are needed for patient care and the development of therapeutics. This FOA seeks R21 grant applications for exploratory and developmental research on biomarkers for the microvascular and macrovascular complications of diabetes. RFA-DK-06-004 (NIHG 4/21/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-06-004.html>

Deadline: Letters of Intent 11/13/2006; Applications 12/12/2006

INTERNATIONAL/MULTI-CUTURAL

28-13 Partnerships for International Research and Education (PIRE) (NSF)

Partnerships for International Research and Education (PIRE) seeks to catalyze a cultural change in U.S. institutions by establishing innovative models for international collaborative research and education. The program will enable U.S. institutions to establish collaborative relationships with international groups or institutions in order to engender new knowledge and discoveries at the frontier and to promote the development of a globally-engaged, U.S. scientific and engineering workforce. The program supports forward-looking research whose successful outcome results from all partners—U.S. and foreign—providing unique contributions to the research endeavor. It is also intended to facilitate greater student preparation for and participation in international research collaboration, and to contribute to the development of a diverse, globally-engaged, U.S. science and engineering workforce. Only three

(3) preliminary proposals per eligible institution are allowed. NSF 06-589 (Posted 7/24/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06589/nsf06589.htm>

Deadline: Internal Deadline 8/30/2006; Letters of Intent 10/30/2006; Applications 2/28/2006

28-14 International Research Fellowship Program (IRFP) (NSF)

The objective of the International Research Fellowship Program (IRFP) is to introduce scientists and engineers in the early stages of their careers to international collaborative research opportunities, thereby furthering their research capacity and global perspective and forging long-term relationships with scientists, technologists and engineers abroad. These awards are available in any field of science and engineering research and education supported by NSF. Applications are submitted directly by the individual researcher, unlike standard NSF proposals that are submitted through the researcher's U.S. institutional representative. Applicants must: 1) be U.S. citizens or permanent residents of the application deadline (Applicants who are permanent residents of the United States may not request a host site in their country of origin.); 2) have been awarded a Ph.D. within two years of the application deadline or expect to receive the doctoral degree by the start of the project.; 3) propose collaboration with foreign host (cannot be an American national) to conduct scientific and engineering research at appropriate institutions of higher education, industrial research institutions/laboratories, government research institutes/laboratories/centers, nonprofit research organizations, and foreign centers of excellence located outside of the United States. NSF 06-582 (Posted 7/3/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06582/nsf06582.html>

Deadline: 10/3/2006

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