

Funding Bulletin

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

April 11, 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 14-5) 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

14-1 Research on the Economics of Invasive Species Management (USDA)

Proposals should focus on economic research, evaluation, modeling, and/or decision support system development with direct implications for USDA policies and programs that protect, control, manage, or regulate invasive species, or trade policy relating to invasive species. PRE-2006-1 (GG 3/23/06)

URL: <http://www.ers.usda.gov/Briefing/InvasiveSpecies/preism.htm>

Deadline: 4/28/2006

ARTS & HUMANITIES

14-2 Electronic Records Projects (NARA)

The National Archives and Records Administration seeks ways to ensure that records created today will be usable with tomorrow's technology. As society moves record keeping from paper to electronic records, it is essential that electronic records retain their authenticity and are preserved. The NHPRC supports efforts by archivists and other records managers to meet the challenges of a proliferation of electronic records. The NHPRC especially welcomes projects that build institutional capacity, promote professional development and education in the field, and help create and support consortia and other cooperative programs. NHPRC-ELECTRONICRECORDS-06 (GG 2/2/06)

URL: <http://www.archives.gov/nhprc/>
Deadline: 6/1/2006

EDUCATION

14-3 Parental Information and Resource Centers (ED)

The purpose of the PIRC program is to help implement successful and effective parental involvement policies, programs, and activities that lead to improvements in student academic achievement and strengthen partnerships among parents, teachers, principals, administrators, and other school personnel in meeting the educational needs of children. The PIRC program supports school-based and school-linked parental information and resource centers. CFDA #84.310A (FR 3/27/06)

URL: <http://www.ed.gov/news/fedregister>

Deadline: Letters of Intent 4/24/2006;
Applications 5/15/2006

14-4 Migrant Education Even Start Family Literacy Program (ED)

MEES Family Literacy program grants are intended to help break the cycle of poverty and illiteracy of migratory agricultural or fishing families by improving the educational opportunities of these families through the integration of early childhood education, adult literacy or adult basic education, and parenting education into a unified family literacy program. The Secretary is especially interested in applications for projects that would develop collaborative efforts and partnerships that leverage Federal, State, and local funding in order to improve reading proficiency and advance English language acquisition so that migratory children enter elementary school with strong early reading skills and in applications that would build networks among novice applicants and experienced MEES projects in order to eliminate disruptions in the education of participating families. CFDA #84.214A (FR 3/28/06)

URL: <http://www.ed.gov/news/fedregister>

Deadline: 5/12/2006

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

14-5 Computing Community Consortium (CCC): Defining the Large-Scale Infrastructure Needs of the Computing Research Community (NSF)

The Directorate for Computer and Information Science and Engineering (CISE) is calling for the computing research community to unite in the establishment of a Computing Community Consortium (CCC). CISE will support the CCC as a community proxy responsible for facili-

tating the conceptualization and design of promising infrastructure-intensive projects identified by the computing research community to address compelling scientific grand challenges in computing. A CCC proposal must be submitted by an organization that is a consortium or that represents a consortium, with a stake in basic research and education in computing. Such an organization may submit only one CCC proposal. The consortium is expected to be broad-based, with members that are institutions of higher education as well as other private and public sector organizations, including industry. NSF 06-551 (Posted 3/10/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06551/nsf06551.htm>

Deadline: Internal Deadline 4/10/2006;
Proposal 6/10/2006

14-6 Exploratory Research in Nuclear Detection Technology (DHS)

The Department of Homeland Security (DHS) has been tasked to ensure that the United States remains safe from attack by the illicit importation, development, or procurement of a nuclear or radiological device. DHS has integrated all nuclear detection research, development, testing, evaluation, acquisition, and operational support into a single office: the Domestic Nuclear Detection Office. The DNDO established the Office of Transformational Research and Development (OTR&D) to conduct, support, coordinate, and encourage an aggressive transformational program of Research and Development (R&D) that will dramatically improve national capabilities to detect and report attempts to import or transport a nuclear device, Special Nuclear Material (SNM), or radiological materials intended for illicit use. Towards this end, OTR&D is conducting an aggressive program of exploratory research to make significant advances in basic detection technology and to reduce the costs and manpower required. Specifically, this BAA solicits proposals in the following areas of Exploratory Research: Innovative Detection Materials, Innovative Detection Techniques, Advanced Special Nuclear Material (SNM) Interrogation and Verification, and Algorithm Development. BAA06-01 (FBO 3/3/06)

URL: http://www.dhs.gov/dhspublic/interapp/editorial/editorial_0766.xml
Deadline: 6/1/2006

HEALTH & LIFE SCIENCES

14-7 Novel Approaches to Study Polymicrobial Diseases (R21) (NIH)

The NIH invites research grant applications to conduct studies designed to develop innovative approaches that would

contribute to our understanding of the mechanisms that impact on the virulence of infections involving two or more microorganisms (with the exception of HIV). This announcement encourages investigators to think beyond the one organism-one disease concept and instead to consider the fact that many diseases are caused by the synergistic and inhibitory interactions of bacteria, viruses, parasites, and fungi. Projects should include studies aimed at understanding the cellular and molecular interactions of pathogens with the normal flora as well as the interactions among pathogens themselves, and how commensal organisms can be used to prevent or treat infections. PA-06-210 (NIHG 3/3/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-210.html>

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

14-8 Mechanisms of Transmission and Dissemination of Transmissible Spongiform Encephalopathies (TSEs) (R03), (R21) (NIH)

The National Institute of Neurological Disorders and Stroke (NINDS) encourages submission of investigator-initiated research grant applications to study mechanisms and transmission and dissemination of Transmissible Spongiform Encephalopathies (TSEs). TSEs or prion diseases are neurodegenerative disorders that can lead to dementia, motor dysfunction and eventually death. Iatrogenic transmission of prion disease has been reported (transplantation of cadaveric cornea or dura matter, or injection of cadaveric human growth hormone); however the best known mechanism of natural transmission of TSEs is via the gastrointestinal tract through ingestion of contaminated food. Once in the digestive tract, prions are able to disseminate to the peripheral lymph organs and the Central Nervous System (CNS). This PA is intended to expand research on how these diseases can spread within an affected population and how infectious prions are then distributed through the body and ultimately to the CNS. PA-06-192, PA-06-193 (NIHG 3/3/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-192.html>

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

14-9 Nutrition and Diet in the Causation, Prevention, and Management of Heart Failure (R21)

The purpose of this Funding Opportunity Announcement (FOA) is to encourage submission of investigator-initiated research applications on the role of nutrition and diet in the causation, prevention, and treatment of cardiomyopathies and heart failure. Basic, translational, and applied interdisciplinary research applications with rigorous hypothesis-testing designs for projects in animals or humans are of interest. The overall goal is to develop a satisfactory science base for preventive approaches in high-risk individuals and for rational nutritional management of patients in various stages of heart failure. This funding opportunity

will utilize the Exploratory/Developmental (R21) grant mechanism, but will be run in parallel with a program announcement of identical scientific scope PA-05-089 that will utilize the traditional research project grant (R01). PA-06-136 (NIHG 3/3/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-136.html>

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

14-10 Heterogeneity of Fat Depots: Underlying Basis and Association with Morbidity (NIH)

The National Institutes of Diabetes and Digestive and Kidney Diseases (NIDDK), the National Heart, Lung, and Blood Institute (NHLBI) and the National Institute on Aging (NIA) invite investigator-initiated Research Projects to investigate the life cycles of adipocytes and other cell types present in various fat depots, such as macrophages, neurons and endothelial cells. The goal of this initiative is to increase our understanding of the interactions among the cell populations in order to identify biomarkers and changes in cellular physiology and metabolism brought on by the obese state, which are truly associated with the development of comorbidities such as diabetes, atherosclerosis, and hypertension. The long term goal of this initiative is to identify markers of obesity associated with disease risk that could yield new targets for therapeutics to disrupt this link. PA-06-186 (NIHG 3/3/06)

URL: <http://grants2.nih.gov/grants/guide/pa-files/PA-06-186.html>

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

INTERNATIONAL/MULTICULTURAL

14-11 International Sports Programming Initiative (STATE)

The Office of Citizen Exchanges of the Bureau of Educational and Cultural Affairs announces an open competition for International Sports Programming Initiative. Public and private non-profit organizations may submit proposals to discuss approaches designed to enhance and improve the infrastructure of youth sports programs in the countries of Africa, East Asia, Near East and North Africa, and South Asia. The focus of all programs must be reaching out to youth ages 8-18. ECA/PE/C/WHA-EAP-06-34 (FR 3/17/06)

URL: <http://exchanges.state.gov/education/rfgps/menu.htm>

Deadline: 5/11/2006

SMALL BUSINESS

14-12 Small Business Innovation Research and Small Business Technology Transfer Programs Phase I Solicitation FY-2007 (SBIR/STTR) (NSF)

The SBIR/STTR Programs stimulate technological innovation in the private sector, by strengthening the role of small

business concerns in meeting Federal research and development needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. The significant difference between the SBIR and STTR programs is that STTR requires researchers at universities and other research institutions to play a significant intellectual role in the conduct of each STTR project. These university-based researchers, by joining forces with a small company, can spin-off their commercially promising ideas while they remain primarily employed at the research institution. NSF has formulated broad solicitation topics for SBIR/STTR that conform to the high-technology investment sector's interests: Advanced Materials; Emerging Opportunities; Information Technology; and Manufacturing Innovation. NSF 06-553 (Posted 3/14/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06553/nsf06553.htm>

Deadline: 6/13/2006

SOCIAL SCIENCES

14-13 Field Initiated Demonstration Program (DOJ)

The purpose of this program is to foster innovations and advancements in juvenile justice related practice at the local, state, and tribal government levels as part of OJJDP's overall effort to support programs that enhance juvenile justice and delinquency prevention. (GG 3/14/06)

URL: <http://ojjdp.ncjrs.gov/funding/FundingDetail.asp?fi=59>

Deadline: 5/1/2006

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