Funding Bulletin

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

January 26, 2009 Vol. 18, No. 3

Program Information

To receive program information, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: bbpage@ksu.edu

NOTICE - The Funding Bulletin is available via email. To be added to the electronic mailing list, send an email message to: *listserv@listserv.ksu.edu* Leave the subject line blank. In the message area, type: *sub fundingbulletin.*

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 3-1**) 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/bul09/limits09/index.htm*

NOTICE

3-1 Partnerships for International Research and Education ((PIRE) (NSF)

This NSF program, announced in the November 21, 2008 Funding Bulletin, did not include an internal deadline. An institution may submit only three preproposals for the February 26 deadline. The Internal deadline for notifying Dr. Jim Guikema, guikema@ksu.edu, of your interest in applying for this program is February 1, 2009.
URL: *http://www.nsf.gov/pubs/2009/nsf09505/nsf09505.htm*
Deadline: Internal 2/1/2009, Preproposals 2/26/2009

GENERAL

3-2 Research Opportunities in Space and Earth Sciences (ROSES) 2009 (NASA)

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. This ROSES NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; development of experiment techniques and concepts suitable for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.
URL: *http://nspires.nasaprs.com/*
Deadline: 5/1/2009 - 4/30/2010

3-3 Innovative and Applied Emerging Technologies in Biospecimen Science (R21) (NIH)

This Funding Opportunity Announcement (FOA) issued by the National Cancer Institute (NCI), National Institutes of Health (NIH), solicits grant applications proposing exceptionally innovative, high risk, original and/or unconventional exploratory research projects focused on the inception and early stage development of highly innovative cancer-relevant technologies for biospecimen science. The overall goal is to develop and evaluate technologies capable of interrogating and/or maximizing the quality and utility of biospecimens for molecular analyses with minimal invasiveness or compromise to donor/patient health. This FOA will also support the development of tools, devices, instrumentation, and associated methods to assess sample quality, preserve/protect sample integrity, and establish verification criteria for quality assessment/quality control and handling under diverse conditions. RFA-CA-09-004 (NIHG 12/19/08)
URL: *http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-09-004.html*
Deadline: Letters of Intent 4/27/2009, 8/30/2009; Applications 5/27/2009, 9/30/2009

AGRICULTURE

3-4 Microbial Genome Sequencing Program (USDA/NSF)

As a collaborative, interagency effort the Cooperative State Research, Education, and Extension Service (CSREES) of the U.S. Department of Agriculture and the National Science Foundation (NSF) are inviting research proposals to support high-throughput sequencing of the genomes of microorganisms (including plasmids, viruses, bacteria, archaea, fungi, oomycetes, protists, microeukaryotes and agriculturally important nematodes) and the metagenomes of mixed microbial communities and to develop and implement strategies, tools and technologies to make currently available and novel genome sequences more valuable to the user community. This is the last year of this interagency activity.
URL: *http://www.csrees.usda.gov/fo/microbialgenomicsgenomesequencingnri.cfm*
Deadline: 3/2/2009

ARTS & HUMANITIES

3-5 Summer Seminars and Institutes (NEH)

These grants support national faculty development programs in the humanities for school teachers and for college and university teachers. Seminars and institutes may be as short as two weeks or as long as six weeks. The duration of a program should allow for full and thorough treatment of the topic. 20090303-FS (GG 12/23/08)
URL: *http://www.neh.gov*
Deadline: 3/3/2009

EDUCATION

3-6 Partnerships in Character Education Program (ED)

This program supports Federal grants to design and implement character education programs that can be integrated into classroom instruction and that are consistent with State academic content standards. Such programs may be carried out in conjunction with other educational reform efforts, and must take into consideration the views of the parents of the students to be taught under the program and the views of the students. Each application must describe how parents, students, students with disabilities (including those with mental or physical disabilities), and other members of the community, including members of private and nonprofit organizations and faith-based and community organizations, will be involved in the design and implementation of the program and how the eligible entity will work with the larger community to increase the reach and promise of the program. ED-GRANTS-122208-002 (GG 12/22/08)
URL: *http://www.ed.gov/news/fedregister*
Deadline: 2/24/2009

3-7 Course, Curriculum, and Laboratory Improvement (CCLI) (NSF)

The Course, Curriculum, and Laboratory Improvement (CCLI) program seeks to improve the quality of science, technology, engineering, and mathematics (STEM) education for all undergraduate students. It especially welcomes proposals that have the potential to transform undergraduate education in science, technology, engineering, and mathematics (STEM) for all students. The program supports efforts to create, adapt, and disseminate new learning materials and teaching strategies to reflect advances both in STEM disciplines and in what is known about teaching and learning. NSF 09-529
URL: *http://www.nsf.gov/pubs/2009/nsf09529/nsf09529.html*
Deadline: Type 1 5/21/2009, Type 2, 3 1/13/2010

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

3-8 Earth Sciences: Instrumentation and Facilities (NSF)

The Instrumentation and Facilities Program in the Division of Earth Sciences (EAR/IF) supports meritorious requests for infrastructure that promotes research and education in areas supported by the Division. EAR/IF will consider proposals for: 1) Acquisition or Upgrade of Research Equipment; 2) Development of New Instrumentation, Analytical Techniques or Software; 3) Support of National or Regional Multi-User Facilities; 4) Development of Cyberinfrastructure for the Earth Sciences (Geoinformatics); and 5) Support for Early Career Investigators to facilitate expedient operation of new research infrastructure proposed by the next generation of leaders in the Earth Sciences. NSF 09-517 (GG 11/25/08)
URL: *http://www.nsf.gov/pubs/2009/nsf09517/nsf09517.htm*
Deadline: 2/23/2009, 7/8/2009

3-9 Cyber-Physical Systems (CPS) (NSF)

The term cyber-physical systems refers to the tight conjoining of and coordination between computational and physical resources. NSF envisions that the cyber-physical systems of tomorrow will far exceed those of today in terms of adaptability, autonomy, efficiency, functionality, reliability, safety, and usability. NSF's Directorates for Computer and Information Science and Engineering (CISE) and Engineering (ENG) are spearheading the Cyber-Physical Systems (CPS) program because of its scientific and technological importance as well as its potential impact on grand challenges in a number of sectors critical to U.S. security and competitiveness, including aerospace, automotive, chemical production, civil infrastructure, energy, healthcare, manufacturing, materials and transportation. The CPS program is seeking proposals that address research challenges in three CPS themes: Foundations; Methods and Tools; and Components, Run-time substrates, and systems. An individual may participate as PI, co-PI, or Senior Personnel in no more than 2 proposals submitted in response to this solicitation in any annual competition. NSF 08-611 (GG 9/30/08)
URL: *http://www.nsf.gov/pubs/2008/nsf08611/nsf08611.htm*
Deadline: 2/27/2009

3-10 Activities that Advance Methane Recovery and Use as a Clean Energy Source (EPA)

This notice announces the availability of funds and solicits proposals for investigation, survey, study, training and demonstration projects that advance near-term, cost-effective methane recovery and use as a clean energy source, and support the goals of the Methane to Markets Partnership. EPA-OAR-CCD-09-03 (GG 12/22/08)
URL: *http://www.epa.gov/air/grants_funding.html*
Deadline: 3/5/2009

3-11 U.S. Nuclear Regulatory Commission Scholarship and Fellowship Education Grant Funding (DOD)

Funding under this U.S. Nuclear Regulatory Commission program includes support for education in nuclear science, engineering, and related disciplines to develop a workforce capable of supporting the design, construction, operation, and regulation of nuclear facilities and the safe handling of nuclear materials. The nuclear education supported by this funding is intended to benefit the nuclear sector broadly. Consequently, NRC requires scholarship and fellowship students to serve 6 months in nuclear-related employment for each full or partial year of academic support. The employment may be with NRC, other Federal agencies, State agencies, Department of Energy laboratories, nuclear-related industry, or academia in the students' sponsored fields of study. HR-FN-1208-NED01 (GG 12/23/08)
URL: *http://www07.grants.gov*
Deadline: 2/25/2009

HEALTH & LIFE SCIENCE

3-12 The Effects of Alcohol on Glial Cells (R01) (NIH)

This Funding Opportunity Announcement (FOA) from the National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health, solicits research grant (R01) applications from organizations that propose to study the effects of alcohol on glial cells, glial gene expression, neuroimmune and proinflammatory signaling, glial survival and the consequences of these effects on glial-neuronal communication, neuronal gene expression, activity, and survival and on behavioral effects of alcohol. RFA-AA-09-003 (NIHG 12/5/08)
URL: *http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-09-003.html*
Deadline: Letters of Intent 2/23/2009; Applications 3/26/2009

3-13 Neuroimaging in Obesity Research (R01) (NIH)

This FOA issued by the National Institute of Diabetes and Digestive Kidney Disease, the National Institute on Drug Abuse, and the National Institute of Biomedical Imaging and Bioengineering, of the National Institutes of Health, solicits Research Project Grant (R01) applications from institutions/organizations that propose to use neuroimaging approaches in obesity research in human subjects and animal models. Many areas of the brain interact or communicate with other organs to control eating behavior, physical activity and energy metabolism, and functional neuroimaging holds enormous promise for expanding our understanding of how food intake and energy expenditure are mismatched in a setting of abundantly available nutrients, leading to excessive fat storage. RFA-DK-08-009 (NIHG 10/10/08)
URL: *http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-08-009.html*
Deadline: Letters of Intent 2/18/2009; Applications 3/18/2009

SOCIAL SCIENCES

3-14 Institutional Grants (Tinker)

Tinker Foundation institutional grants are awarded to organizations and institutions that promote the interchange and exchange of information within the community of those concerned with the affairs of Spain, Portugal, Ibero-America and Antarctica. Programmatically, the Foundation funds projects addressing environmental policy, economic policy or governance issues. (TGA 12/08)
URL: *http://foundationcenter.org/grantmaker/tinker/institu.html*
Deadline: 3/1/2009, 9/15/2009

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