

Funding Bulletin

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

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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 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/bul07/newlimits.htm>

GENERAL

39-1 Ecology of Infectious Diseases (EID) (NSF)

The Ecology of Infectious Disease program solicitation supports the development of predictive models and the discovery of principles governing the transmission dynamics of infectious disease agents. To that end, research proposals should focus on understanding the ecological and socio-ecological determinants of transmission by vectors or abiotic agents, the population dynamics of reservoir species, the transmission to humans or other hosts, or the cultural, social, behavioral, and economic dimensions of disease of either terrestrial, freshwater, or marine systems and organisms, including diseases of non-human animals and plants, at any scale from specific pathogens to inclusive environmental systems. Proposals for research on disease systems of public health concern to developing countries are strongly encouraged. NSF 07-513
URL: <http://www.nsf.gov/pubs/2007/nsf07513/nsf07513.htm>
Deadline: 12/12/2007

39-2 Development of High Resolution Probes for Cellular Imaging (R01) (NIH)

The National Institute of General Medical

Sciences (NIGMS) and the National Human Genome Research Institute (NHGRI) invite applications to support multi-investigator teams to develop new technologies to enable high sensitivity molecular detection in living cells. The purpose of this funding opportunity is to encourage and facilitate novel, high-risk strategies to create fundamentally new probes with enhanced spectral characteristics with the goal of improving detection schemes by a factor of 10 to 100. Parallel improvements in probe targeting, cellular delivery, and signal detection are also encouraged. The ultimate goal will be to develop probes and delivery strategies that can be used routinely to achieve single molecule sensitivity for imaging dynamic processes within living cells. RFA-GM-08-009 (NIHG 9/21/07)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-Gm-08-009.html>
Deadline: Letters of Intent 12/14/2007;
Applications 1/14/2008

ARTS & HUMANITIES

39-3 Fellowships at the Huntington (HL)

The Huntington is an independent research center with holdings in British and American history, literature, art history, and the history of science and medicine. The Library collections range chronologically from the eleventh century to the present and include a half-million rare books, nearly six million manuscripts, 600,000 photographs, and a large ephemera collection, supported by a half-million reference works. Within the general fields listed above there are many areas of special strength, including: Middle Ages, Renaissance, Eighteenth Century, Nineteenth- and Twentieth-Century Literature, History of Science, British Drama, Colonial America, American Civil War, Western America, and California.
URL: <http://www.huntington.org/ResearchDiv/Fellowships.html>
Deadline: 12/15/2007

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

39-4 Advanced Detector Research Program (DOE)

The Office of High Energy Physics of the Office of Science (SC), U.S. Department of Energy, announces its interest in receiving grant applications for support under its Advanced Detector Research Program. Applications should be from investigators who are currently involved in experimental high energy physics, and should be submitted through a U.S. academic institution. The purpose of this program is to support the development of

the new detector technologies needed to perform future high energy physics experiments. DE-PSO2-07ER07-33 (GG 7/20/07)

URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=14902>
Deadline: 12/12/2007

39-5 Abrupt Climate Change Modeling: Climate Change Prediction Program (DOE)

The Office of Biological and Environmental Research (BER) of the Office of Science (SC), U.S. Department of Energy (DOE), announces its interest in receiving applications for research grants on the topic of predictive modeling of abrupt climate change in the Climate Change Prediction Program (CCPP). Applications should describe research projects supporting the development and applications of climate and earth systems models for abrupt climate change modeling. Applications should clearly describe how that research will contribute to a measurably improved ability to use climate and earth system models for studying abrupt climate change. DE-PSO2-08ER08-05 (GG 10/3/07)

URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=15626>
Deadline: Preapplications 11/5/2007;
Applications 12/17/2007

39-6 Strategic Technologies (DOD)

The Defense Advanced Research Projects Agency's (DARPA) Strategic Technology Office (STO) is soliciting proposals under this BAA for the performance of research, development, design, and testing that directly supports STO. This includes Space and Near-Space Sensors and Systems; Strategic and Tactical Networks: Information Assurance; Counter Underground Facilities; Weapons and Mass Destruction (WMD) Defense; Small Unit Operations; Maritime Operations; and Core Strategic Technologies. BAA07-01 (GG 12/6/06)

URL: <http://www.darpa.mil/sto/solicitations.htm>
Deadline: 12/04/2007

39-7 Foundations of Computing Processes and Artifacts (CPA) (NSF)

The Foundations of Computing Processes and Artifacts (CPA) cluster supports basic research and education projects to advance discovery, learning, and application of scientific and engineering knowledge pertaining to the processes and artifacts for building computing systems. Computing processes and artifacts range from formalisms, methods, models, algorithms and theories to languages, architectures, technology components, and a variety of physical manifestations of com-

puting system software and hardware. Proposals submitted in response to this solicitation should describe transformative research to advance at a fundamental level the design, verification, evaluation, utilization, and understanding of computing systems to meet the future computational needs of our society. There are three categories of proposals in this solicitation: Single Investigator or Small Group projects; Team projects; and Major Team projects. An investigator may participate as a PI, co-PI or Senior Personnel on at most two proposals but may participate in no more than one Single Investigator or Small Group proposal. NSF 07-587 (Posted 9/4/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07587/nsf07587.htm>

Deadline: 12/7/2007

39-8 High Energy Physics Outstanding Junior Investigator Program (DOE)

The Office of High Energy Physics of the Office of Science (SC), U.S. Department of Energy, announces its interest in receiving grant applications for support under its Outstanding Junior Investigator (OJI) Program. Applications should be from tenure-track faculty investigators who are currently involved in experimental or theoretical high energy physics or accelerator physics research, and should be submitted through a U.S. academic institution. The purpose of this program is to support the development of individual research programs by outstanding scientists early in their careers. Awards made under this program will help to maintain the vitality of university research and assure continued excellence in the teaching of physics. DE-PS02-07ER07-34 (GG 9/4/07)

URL: <http://www.grants.gov/search/search.do?mode=VIEW&opId=15417>

Deadline: 12/4/2007

HEALTH & LIFE SCIENCES

39-9 NIAID Science Education Awards (R25) (NIH)

This funding opportunity announcement (FOA) solicits applications from applicant organizations that propose creative and innovative research education programs that will 1) increase the public's understanding of biomedical research, or 2) encourage K-12 students to enter areas in biomedical sciences in the mission area(s) of the National Institute of Allergy and Infectious Diseases (NIAID). The NIH Research Education (R25) grant mechanism is a flexible and specialized mechanism designed to foster the development of biomedical, behavioral, and clinical researchers through creative and innovative research education programs. PAR-08-003 (NIHG 10/5/07)

URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-08-003.html>

Deadline: Letters of Intent 11/26/2007; Applications 1/25/2008; 5/25/2008; 9/25/2008

INTERNATIONAL/MULTICULTURAL

39-10 Tilford Faculty Incentive Grants (KSU)

The Office of the Provost would like to invite applications for the 2007 Tilford Faculty Incentive Grants, "Infusing and Assessing the Tilford Multicultural Competencies in the Academic Curricula at Kansas State University" for instructional staff (tenured, tenure-track and instructors). Proposals are invited to create or enhance already existing strategies to infuse and assess the Tilford multicultural competencies within the student's educational experience. Proposals for the Tilford Incentive Grants would encompass the following: a) redesign a curriculum at the course/departmental level; b) develop multicultural teaching and learning materials, assignment and assessments; c) investigate disciplinary practices that foster multicultural service learning opportunities and d) expand interdisciplinary practices for teaching and learning in a multicultural context.

URL: <http://www.k-state.edu/tilford>

Deadline: 12/3/2007

SMALL BUSINESS

39-11 Small Business Innovation Research and Small Business Technology Transfer Programs Phase I Solicitation FY-2008 (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. Topics of interest are Bio & Environmental Technologies (BE); Components & Systems (CS); and Software & Services (SS). NSF 07-586 (Posted 9/4/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07586/nsf07586.htm>

Deadline: 12/4/2007

SOCIAL SCIENCES

39-12 Research on Interventions for Child Abuse and Neglect (R01) (NIH)

This Funding Opportunity Announcement (FOA) solicits research project grant (RO1) applications focused on conducting efficacy and effectiveness trials of child abuse and neglect interventions.

Specifically, this FOA solicits grant applications that include various levels of interventions. For those interventions that need preliminary research, applicants should consider additional mechanisms, which are used to establish efficacy, including the R21 and R34, as appropriate. However, given the public health need for children and families who experience the negative effects of child abuse and neglect, interventions in which preliminary developmental/exploratory work has already been undertaken, and pilot studies, or in some cases efficacy trials, have demonstrated positive change are strongly encouraged for RO1 grant applications under this FOA. Of particular interest is the development of large scale trials designed to target either or both the victims or perpetrators of child abuse and neglect, including preventive interventions. PA-07-437 (NIHG 8/24/07)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-437.html>

Deadline: 2/5/2008, 6/5/2008, 10/5/2008

STUDENTS

39-13 East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI) (NSF)

The East Asia and Pacific Summer Institutes provide U.S. graduate students in science and engineering: 1) first-hand research experience in Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan; 2) an introduction to the science and science policy infrastructure of the respective location; and 3) orientation to the society, culture and language. The primary goals of EAPSI are to introduce students to East Asia and Pacific science and engineering in the context of a research setting, and to help students initiate scientific relationships that will better enable future collaboration with foreign counterparts. The institutes last approximately eight weeks from June to August. NSF 07-584 (Posted 8/29/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07584/nsf07584.htm>

Deadline: 12/12/2007

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