

Funding Bulletin

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

October 3, 2005

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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 or by at least two months prior to the sponsor deadline if you wish to submit to a limited submission program.

GENERAL

36-1 Biosecurity Research Institute Transitional Minigrant Program (KSU)

The Transitional Minigrant Program provides funding for investigators who are seeking to transition mature research programs into areas appropriate for use of BRI facilities. The BRI will house laboratory space within a BSL-3 containment envelope, and will have facilities amenable to basic molecular biology/genetics, plant biology research, studies on infectious diseases, and work involving food safety and security. It is anticipated that the Transitional Minigrant Program will result in the preparation and submission of grant proposals to agencies such as NIH NIAID for work within the BRI.

URL: <http://www.ksu.edu/research/funding/bri.pdf>

Deadline: 10/31/2005

36-2 NIBIB-NSF Bioengineering and Bioinformatics Summer Institutes Program (NSF)

The National Science Foundation (NSF) and the National Institute of Biomedical Imaging and Bioengineering (NBIB) of the National Institutes of Health (NIH) have identified bioengineering and bioinformatics as essential interdisciplinary disciplines for physical and life sciences. The agencies will continue collaborating on an important effort to meet anticipated bioengineering and bioinformatics human resource needs, specifically by targeting the career pipeline at a critical juncture. The purpose of this program is to provide undergraduate and early-stage graduate students majoring in the biological sci-

ences, computer sciences, engineering, mathematics, and physical sciences with well-planned, interdisciplinary bioengineering or bioinformatics research and education experiences in active Summer Institutes, thereby increasing the number of individuals pursuing careers in bioengineering and informatics at the graduate level and beyond. NSF 05-611 (Posted 8/31/05)

URL: <http://www.nsf.gov/pubs/2005/nsf05611/nsf05611.htm>

Deadline: 11/29/2005

36-3 Chemical and Biological Defense Science and Technology (DOD)

The Defense Threat Reduction Agency (DTRA) Chemical and Biological (CB) Defense Science and Technology (S&T) Program is seeking interested sources capable of innovative or novel capabilities in multiple disciplines including materials science, computer science, chemistry, biology, medical research and systems engineering. Research activities within the CB Defense S&T Program fall into the following categories: Medical science and technology programs looking at pretreatments (i.e., vaccines) diagnostics, therapeutics to counter both existing and emerging threats; Physical Science and Applied Technology programs focusing on Collection, Detection, Protection, Decontamination, Modeling & Simulation, and Support Science & Technology; and Technology Transition Programs focusing on Transition Planning, War-fighter Enhancement, Test and Evaluation, and Homeland Defense. BAA-CBD-06-1 (FBO 9/8/05)

URL: <https://cbd.cntr.dtra.mil>

Deadline: 11/10/2005

AGRICULTURE

36-4 Biopesticide Grants (USDA)

The IR-4 Biopesticide Research Program announces a request for grant proposals for funding of efficacy research in 2006. With newer targeted conventional chemicals there is interest in resistance management to maintain the utility of those products. Therefore, IR-4 is especially interested in proposals containing biopesticides as resistance management tools, rotated with conventional products. While resistance management is an important interest, the proposal must still have a majority focus on biopesticides. Selection of treatments and experimental design should be considered to elucidate the contribution of each component to the pest control system.

URL: <http://ir4.rutgers.edu/Docs/2006callforproposals.htm>

Deadline: AES 11/10/2005; 11/18/2005

36-5 Kansas Soybean Commission Grants (KSC)

The Kansas Soybean Commission is soliciting research and education proposals for FY 2006-2007. Proposals will be accepted in the following areas: 1) Breeding/Production/Environmental Programs; 2) Human Nutrition Studies Food Safety; 3) Value-Added Projects; 4) Marketing Extension Program and Transportation.

An individual may be listed as a principal investigator on only one proposal.

EMAIL: johannes@kansassoybean.org

Deadline: AES 10/10/2005; 10/15/2005

36-6 Soybean Research (NCSRP)

The North Central Soybean Research Program (NCSRP) is seeking research pre-proposals for the 2006 fiscal year which begins March 1, 2006. The NCSRP Board is requesting preproposals that will develop solutions to problems experienced by soybean producers in Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. Preproposals will be considered that address: Disease Research; Production Research; and Soybean Insects and Nematodes. An important funding criterion of preproposals for new research will be a clear description of anticipated deliverables that can be developed during the two to three year project. Shorter-term projects with focused objectives and clearly defined deliverables will ranked higher than longer-term research projects.

EMAIL: dwright@iasoybeans.com

Deadline: AES 11/7/2005; 11/15/2005

36-7 Morris Animal Foundation Grants (Morris)

The Morris Animal Foundation is soliciting proposals for Established Investigator Grants, First Award Grants, and Fellowship Training Grants. First Award Grants assist veterinary and/or doctoral investigators early in their careers by: 1) providing research funding for their first project in companion animal or wildlife research; and 2) pairing them with a seasoned researcher (MENTOR) to facilitate launching a successful long-term career in advancing companion animal and wildlife health. The Fellowship Training Grant is to provide salary support for training opportunities that will produce biomedical scientists (veterinarian and/or PhD) committed to a career in companion animal and/or wildlife health research. Morris priority areas for funding: Canine, Equine, Feline, Llama/Alpaca; Wildlife/Special Species; Alternative/Complementary Medicine; Emerging Conditions; Pain Management; Pilot Studies; and Behavior.

URL: [http://](http://www.MorrisAnimalFoundation.org)

www.MorrisAnimalFoundation.org

Deadline: Established Investigator and First Awards 11/1/2005, Training 11/15/2005

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

36-8 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. DE-FG01-05ER05-26 (FG 9/15/05)

URL: <http://www.science.doe.gov/grants/FAPN-26.html>

Deadline: 11/15/2005

36-9 Solar Decathlon 2007 (DOE)

The National Renewable Energy Laboratory (NREL), a U.S. Department of Energy Laboratory, anticipates issuing a Request for Proposals (RFP) to accredited colleges, universities, and other post-secondary educational institutions in early October, 2005. The RFP is for participation in the 2007 Solar Decathlon and for related development of building-integrated photovoltaics (BIPV). The Solar Decathlon is an international collegiate competition. Student teams compete to design, build, and operate highly energy-efficient, completely solar-powered houses that incorporate BIPV. A critical outcome of the Solar Decathlon project is the development and demonstration of solar-powered homes in which, by the year 2015, the whole-house, levelized energy cost has been reduced to \$.10/kWh, while complying with the criteria associated with the 10 contests that comprise the competition. NREL plans to solicit proposals from post-secondary educational institutions for entries that not only consider participation in the competition but also include a research and development (R&D) component that meets this critical outcome. SD2007 (FBO 9/19/05)

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

Deadline: N/A

36-10 Research Experiences for Teachers (RET) Supplement (NSF)

The National Science Foundation supports the participation of K-12 and community college science teachers in research projects funded by the Directorate for Geosciences (GEO) at the National Science Foundation (NSF). The Research Experiences for Teachers (RET) activity is designed to enhance the professional

development of science teachers through participation in new or on-going NSF-funded research projects. RET Supplements may be requested in one of two ways: 1) Investigators with an existing NSF research award may submit a request for supplemental funding; or 2) Proposers may include an RET Supplement activity as part of a new (or renewal) research proposal to NSF. NSF 05-047 (Posted 9/20/05)

URL: <http://www.nsf.gov/pubs/2005/nsf05047/nsf05047.jsp>

Deadline: N/A

36-11 Partnership for Collaborative Space Weather Modeling (NASA)

NASA announces a new proposal opportunity—Living With a Star Targeted Research and Technology: NASA/NSF Partnership for Collaborative Space Weather Modeling. NASA announces this new program element in Appendix A.30 of its Research Opportunities in Space and Earth Sciences to solicit proposals in support of the National Space Weather Program goal to achieve timely, accurate, and reliable space environment observations, specifications, and forecasts. In addition to basic research, this proposal competition has emphasized the development of weather models for specification and forecast of conditions throughout the space environment. NNH05ZDA001N

URL: <http://nspires.nasaprs.com>

Deadline: Notices of Intent 10/14/2005; Proposals 12/2/2005

36-12 Small Grants for Exploratory Research: Hurricane Katrina (NSF)

Small Grant for Exploratory Research (SGER) proposals are for small-scale, exploratory, high-risk research in the fields of science, engineering, and education normally supported by the NSF. The SGER is one mechanism NSF will use to support fundamental science and engineering projects whose results may enable our country to better mitigate, prepare for, respond to, and recover from catastrophic events. Within the Directorate for Engineering (ENG), program directors are accepting SGER proposals from the research community to support reconnaissance teams to enter the Gulf Coast disaster areas, when open, to capture data from Hurricane Katrina. Three ENG divisions are supporting this effort: the Division of Bioengineering and Environmental Systems (BES), the Division of Civil and Mechanical Systems (CMS), and the Division of Electrical and Communication Systems. NSF 05-053

URL: <http://www.nsf.gov/pubs/2005/nsf05053/nsf05053.jsp>

Deadline: N/A

36-13 Information Technology Experiences for Students and Teachers (ITEST) (NSF)

ITEST is designed to increase the opportunities for students and teachers to learn about, experience, and use information technologies within the context of sci-

ence, technology, engineering, and mathematics (STEM), including Information Technology (IT) courses. It is in direct response to the concern about shortages of information technology workers in the United States. Supported projects are intended to provide opportunities for both school-age children and for teachers to build the skills and knowledge needed to advance their study, and to function and contribute in a technologically rich society. ITEST has two components: (a) youth-based projects with strong emphasis on career and educational paths; and (b) comprehensive projects for students and teachers. An individual may serve as the Principal Investigator for no more than one proposal under this solicitation. NSF 05-621 (Posted 9/21/05)

URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05621

Deadline: Letters of Intent 11/2/2005; Applications 2/24/2006

HEALTH & LIFE SCIENCES

36-14 Developmental Biodefense/EID Grants (MRCE)

The Midwest Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research (MRCE) has released a call for applications to its 2006 Developmental Project funding program. The center seeks to support innovative ideas and projects which are focused on NIAID category A agents and product development. Funds of \$100,000 direct costs for one year are available. Applicants must be faculty-level, and are encouraged to contact Project Manager Jennie Lovett (lovettj@wustl.edu) prior to submission to determine suitability for this funding program.

URL: <http://mrce.wustl.edu/grantops.html#Devel>

Deadline: Letters of Intent 11/1/2005; Applications 11/28/2005

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