

Funding Bulletin

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

November 9, 2007

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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 (**FB 48-12**) 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

43-1 US-Mexico Border Environmental Education Program (EPA)

This notice announces the availability of funds and solicits proposals from eligible United States entities to develop and administer a US-Mexico Border Environmental Education Program, designed to provide education and training for undergraduates and graduate students interested in careers in air quality-related environmental disciplines. EPA-OAR-IO-07-07 (GG 11/1/07)

URL: <http://www.grants.gov>

Deadline: 12/14/2007

43-2 Challenge Opportunity (NineSigma)

NineSigma has issued a request for solution # 30486-S2-02, "100,000 Microencapsulation Challenge: Masking and Enteric Delivery of Lipid Food Material." Partners that can encapsulate a sample material and be considered for the success fee (and subsequent license or supply) are encouraged to participate. Our client, Kraft Foods, Inc, is seeking partners to microencapsulate an oil material for use in a powdered beverage that could be reconstituted in milk or water. If after reviewing the full Request for Solution (RFS) document you

are interested in submitting a proposal or would like more information, please contact stark@ninesigma.com email and reference RFS# 30486-S2-02 in the subject line.

URL: <http://www.ninesigma.com/mx/30486-S2-02>

Deadline: 11/15/2007

43-3 U.S. GLOBEC - Global Ocean Ecosystems Dynamics: Pan-Regional Synthesis (NSF)

As the culmination of a series of solicitations for the U.S. Global Ocean Ecosystems Dynamics Program (U.S. GLOBEC), this solicitation seeks a broader understanding of climate impacts on marine ecosystems that builds upon findings from the three regional U.S. GLOBEC studies: the Northwest Atlantic, the Northeast Pacific, and the Southern Ocean. Investigators submitting proposals in response to this solicitation should focus on: 1) synthetic activities, including conceptual and analytical modeling activities that capitalize upon and integrate concepts, methods, and/or data from the prior solicitations; 2) broad-scale studies including comparisons across system types, encompassing both GLOBEC and non-GLOBEC study areas; and/or 3) the development of management strategies at the population, community, and ecosystem levels. NSF 07-594 (Posted 9/19/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07594/nsf07594.htm>

Deadline: 1/8/2008

43-4 Long Term Research in Environmental Biology (LTREB) (NSF)

Through the LTREB program, the Division of Environmental Biology encourages the submission of proposals aimed at generating extended time series of biological and environmental data that address ecological and evolutionary processes aimed at resolving important issues in environmental biology. Researchers must have collected at least six years of previous data to qualify for funding. The proposal also must present a cohesive conceptual rationale of framework for ten years of research. Questions of hypotheses outlined in this conceptual framework must guide an initial 5-year proposal as well as a subsequent, abbreviated renewal. NSF 07-588 (Posted 9/5/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07588/nsf07588.htm>

Deadline: 1/9/2008, 7/9/2008

AGRICULTURE

43-5 Bioenergy and Environment

(CPBR)

The Consortium for Plant Biotechnology Research, Inc. (CPBR), is now issuing the Request for Preproposals for its 2009 competitions. The Consortium for Plant Biotechnology Research is a non-profit organization that funds peer-reviewed research and technology transfer. CPBR facilitates research interactions among academic, industry and government scientists. Preproposals are requested for research that 1) is related to plant biotechnology and 2) addresses industrial problems and opportunities related to bioenergy and/or the environment. Some industrial research needs as of Fall 2007 are: agrochemicals, biomass conversion, energy crop production, enabling biotechnologies, environmental issues, forest products, process applications, and seeds.

EMAIL: dloehle@cpbr.org

Deadline: Preproposals 12/14/2007

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

43-6 Instrumentation for Materials Research (IMR) (NSF)

The IMR Program supports the acquisition and/or development of research instruments that will provide new capability and/or advance current capability to: 1) discover fundamental phenomena in materials; 2) synthesize, process, and/or characterize the composition, structure, properties, and performance of materials; and 3) improve the quality, expand the scope, and foster and enable the integration or research and education in research-intensive environments. Only one proposal may be submitted by a principal investigator, and he/she may collaborate in only one other proposal as a co-investigator. NSF 07-600 (Posted 9/28/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07600/nsf07600.htm>

Deadline: 1/10/2008

43-7 Atmospheric Sciences Mid-Size Infrastructure Opportunity (MSI) (NSF)

The Division of Atmospheric Sciences (ATM) recognizes the need for mid-size infrastructure to meet emerging demands of the research community it supports. For the purposes of this solicitation, mid-size infrastructure includes research equipment costing between \$4M and \$25M. Projects to be funded as mid-size infrastructure must have broad community support, and the facility or the data resulting from the facility must be widely used by researchers traditionally supported by ATM. Examples include in situ and remote sensing instrumentation, airborne platforms for research instrumentation, cyberinfrastructure needed to

support observations and field programs, and upgrade to existing facilities. NSF 07-602 (Posted 9/28/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07602/nsf07602.htm>

Deadline: Preproposal 1/11/2008; Proposal 6/2/2008

43-8 Sustainable Digital Data Preservation and Access Network Partners (DataNet) (NSF)

Science and engineering research and education are increasingly digital and increasingly data-intensive. Digital data are not only the output of research but provide input to new hypotheses, enabling new scientific insights and driving innovation. Therein lies one of the major challenges of this scientific generation: how to develop the new methods, management structures and technologies to manage the diversity, size, and complexity of current and future data sets and data streams. This solicitation addresses that challenge by creating a set of exemplar national and global data research infrastructure organizations (dubbed DataNet Partners) that provide unique opportunities to communities of researchers to advance science and/or engineering research and learning. The new types of organizations envisioned in this solicitation will integrate library and archival sciences, cyberinfrastructure, computer and information sciences, and domain science expertise to: provide reliable digital preservation, access, integration, and analysis capabilities for science and/or engineering data over a decades-long timeline; continuously anticipate and adapt to changes in technologies and in user needs and expectations; engage at the frontiers of computer and information science and cyberinfrastructure with research and development to drive the leading edge forward; and serve as component elements of an interoperable data preservation and access network. NSF 07-601

URL: <http://www.nsf.gov/pubs/2007/nsf07601/nsf07601.htm>

Deadline: Preproposal (required) 1/7/2008; Proposal 3/21/2008

HEALTH & LIFE SCIENCES

43-9 US Army Medical Research and Material Command Broad Agency Announcement (DOD)

The U.S. Army Medical Research and Material Command's (USAMRMC) mission is to provide solutions to medical problems of importance to the American warfighter at home and abroad. The scope of this effort and the priorities attached to specific projects are influenced by changes in military and civilian medical science and technology, operational requirements, military threat assessments, and national defense strategies. The extramural research and development program plays a vital role in the fulfillment of the objectives established by the Command. W81XWH-BAA07-1 (GG 10/1/07)

URL: <http://www.usamraa.army.mil/pages/homepage.cfm>

Deadline: 9/30/2008

43-10 AACR- Pancreatic Cancer Action Network Pilot Grants (AACR)

The AACR is pleased to announce additional funding for pancreatic cancer research which will be awarded in 2008. The AACR- Pancreatic Cancer Action Network Pilot Grants are a unique award offering funding to investigators with innovative research focusing on the early detection or treatment of pancreatic cancer. These grants are open to both Young Investigators (postdoctoral or clinical fellows; instructors; junior faculty; or the equivalent who are working under the auspices of a scientific mentor) with demonstrated potential for and commitment to pancreatic cancer research and Established Investigators.

URL: <http://www.aacr.org/home/scientists.aspx>

Deadline: 12/17/2007

43-11 Canine Cancer (MAF)

The Morris Animal Foundation has announced a new Request for Proposals focused on canine cancer prevention. Thanks to a gift from the Golden Retriever Foundation, MAF is especially interested in cancers involving Golden Retrievers. The foundation is also interested in studies that are able to train future researchers in cancer prevention. Important cancers are defined by MAF as those with high incidence and poor survival rates in dogs in general or in specific dog breeds. The proposed studies should be multidisciplinary and multi-institutional in nature and utilize the collective expertise of basic scientists, epidemiologists, and clinicians.

URL: <http://fconline.foundationcenter.org/pnd/10009131/morris>

Deadline: 1/1/2008

INTERNATIONAL/MULTICULTURAL

43-12 NIGMS' Postbaccalaureate Research Education Program (PREP) [R25] (NIH)

This funding opportunity announcement (FOA) provides updated guidelines for the National Institute of General Medical Sciences (NIGMS) Postbaccalaureate Research Education Program (PREP). The PREP will support the research and training and education of recent baccalaureate graduates from groups underrepresented in biomedical and behavioral research areas, who plan to pursue Ph.D. degrees. This research apprenticeship serves as an educational transition for recent baccalaureate graduates who will acquire essential academic credentials and research skills to make them more competitive for Ph.D. programs at highly selective institutions. An eligible institution may apply for and hold only one PREP award. PAR-07-342 (NIHG 8/17/07)

URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-07-432.html>

Deadline: Internal 11/22/2007; 1/22/2008; 1/22/2009

43-13 Research in Germany (Humboldt)

The Sofja Kovalevskaja Award offers five years funding to exceptionally distinguished young researchers to pursue a team-based project in Germany. Highly acclaimed scholars from all fields, sub-disciplines, and nationalities are eligible. They must have completed their doctoral degrees with distinction within the past six years and have published in prestigious international journals or scholarly presses. The funds enable recipients to conduct independent research and build a team at an installation or institution of their choice in Germany.

URL: <http://www.humboldt-foundation.de/>

Deadline: 1/4/2008

SOCIAL SCIENCES

43-14 AmeriCorps State and National Grant Competition (CNCS)

The Corporation for National and Community Service announces the availability of funding to award new and re-competing AmeriCorps State and National grants. The grants in AmeriCorps State are: State Competitive, Territories Competitive, States without Commissions, and State Education Award Program (EAP). The grants in AmeriCorps National are: National EAP, National Direct, National Professional Corps, National Planning, and Indian Tribes. If your organization works in just one state, please contact your state commission, which can be found here: <http://www.nationalservice.org/about/contact/statecommission.asp>. If your organization works in more than one state, you are eligible to apply for a national grant. You will apply directly to the Corporation. AmeriCorps grants are generally awarded to eligible organizations to recruit, train and manage AmeriCorps members who address community needs. CNCS-GRANTS-081307-001 (GG 8/13/07)

URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=15106>

Deadline: 1/8/2008

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