

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

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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 26-11, 26-12**) 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/bul08/limits08/index.htm>

GENERAL

26-1 CreativeIT (NSF)

The CreativeIT Program solicits proposals for projects that explore synergistic cross disciplinary research in creativity and computer science and information technology. Information technology is playing an increasing role in extending the capability of human creative thinking and problem solving. The study of creativity and computing as a way to advance computer science and information technology, cognitive science, engineering, education, or science can lead to new models of creative computational processes, innovative approaches to education that encourage creativity, innovative modes of research that include creative professionals, and new technology to support human creativity. NSF 08-572 (GG 6/23/08)

URL: <http://www.nsf.gov/pubs/2008/nsf08572/nsf08572.htm>
Deadline: 9/26/2008

26-2 Resource Program Grants in Bioinformatics (P41) (HHS)

The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) solicits Resource Program Grants in Bioinformatics for sup-

porting the continued operation, improvement, and dissemination of databases, digital information, or software tools that are unique, and of special importance to research using animal models of embryonic developmental processes. To qualify for support, bioinformatics resources—software, algorithms, or knowledge resources—must be of demonstrable value toward advancing research utilizing animal model systems in the biomedical sciences and must also be of particular importance to those seeking to understand the biological basis of human and animal development and the etiology of structural birth defects. PA-08-180 (NIHG 6/20/08)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-08-180.html>

Deadline: 9/25/2008, 1/25/2009, 5/25/2009

26-3 Research Experiences for Undergraduates (NSF)

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: 1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. Reu Sites may be based in a single discipline or academic department, or on interdisciplinary or multi-department research opportunities with a coherent intellectual theme. 2) REU Supplements may be requested for ongoing NSF-funded research projects or may be included as a component of proposals for new or renewal NSF grants or cooperative agreements. NSF 07-569 (GG 6/14/07)

URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517

Deadline: 8/18/2008

AGRICULTURE

26-4 Animal Health & Nutrition (KCALSI)

The Kansas City Area Life Sciences Institute (KCALSI) is a not-for-profit public charity organization which serves as the coordinating body for the Kansas City region's life science research initiative by functioning as a facilitator, matchmaker, and potential funder of collaborative research initiatives and assisting in the commercialization of resulting intellectual property. KCALSI seeks proposals for basic and applied research

projects in animal health and nutrition aimed at the generation of data that would move a product, process, and/or medical device toward commercialization. This RFP serves to stimulate greater collaboration between animal health/nutrition companies and academic researchers. KCALSI's approach for achieving this goal is to support research development grants capable of moving new innovations and discoveries to the marketplace via productive collaboration between university and industry partners. Proposals are invited for collaborative research development grants in comparative medicine with good probability for moving a product, process, and/or medical device toward commercialization.

URL: <http://www.kclifesciences.org/>
Deadline: 6/30/2009

26-5 Integrated Strategies to Control and Reduce the Impact of PRRS Virus (NPB)

The Porcine Reproductive and Respiratory Syndrome Coordinated Agricultural Project (PRRS CAP) program invites applications addressing integrated strategies to control and reduce the impact of PRRS, the most important viral disease of swine. The PRRS CAP long-term goal is to develop tools and deliverable knowledge that will reduce both animal suffering and economic losses to producers and society through the control and/or elimination of the PRRS virus. Areas of research to be funded include vaccines, immunity, epidemiology, diagnostics and host genetics. Extension projects focus on the control and elimination of PRRSV on farms. The education component supports the training of students who participate in PRRS research. Multidisciplinary projects that cut across several research areas and include extension and educational activities are desirable.

URL: <http://www.prrs.org>
Deadline: 8/20/2008

26-6 Food Safety Research: Investigation Focused on Promoting the Safety of Produce (FDA)

The Food and Drug Administration (FDA) Center for Food Safety and Applied Nutrition (CFSAN) maintains an active intramural research program. This research is focused on five primary CFSAN program priorities: ensuring the safety of food, dietary, supplements and cosmetics; improving nutrition; and promoting the security and integrity of the food supply. When resources permit, SFSAN supports extramural research grants intended to help advance these program priorities. The extramural program endeavors to support novel research efforts, expertise, and resources not found within CFSAN. In particular, it is intended that any additional extramural

research efforts in food safety will complement the Center's intramural research efforts, and generally enhance the Agency's and the Nation's ability to reduce the incidence of food borne illness and protect the integrity of the nation's food supply. RFA-FD-08-005 (GG 6/18/08)

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

Deadline: 8/2/2008

ARTS & HUMANITIES

26-7 America's Historical and Cultural Organizations: Implementation Grants (NEAH)

America's Historical and Cultural Organizations implementation grants support traveling or long-term museum exhibitions, library-based projects, interpretation of historic places or areas, interpretive Web sites, or other project formats that creatively engage audiences in exploring humanities ideas and questions. Panel exhibitions must travel beyond a single site and must also incorporate at least one other program format. Applications that make innovative use of emerging technologies are encouraged. Projects should do more than simply provide a digital archive of material. They should offer new ways of contextualizing and interpreting information that engages public audiences interactively in exploring humanities ideas and questions. 20080827-GI (GG 6/30/08)

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

[AHCO ImplementationGuidelines.html](http://www.neh.gov/grants/guidelines/AHCO_ImplementationGuidelines.html)

Deadline: 8/27/2008

26-8 Teaching Development Fellowships (NEH)

Teaching Development Fellowships (TDF) support college and university teachers pursuing research aimed specifically at deepening their core knowledge in the humanities to improve their undergraduate teaching. The program has three broad goals: 1) to improve the depth and quality of humanities education in the United States; 2) to strengthen the link between research and teaching in the humanities; and 3) to foster excellence in undergraduate instruction. Projects must improve an existing undergraduate course that has been taught in at least THREE different terms and will continue to be taught by the applicant. Research in any area of the humanities is welcome. 20081001-FW (GG 6/27/08)

URL: http://www.neh.gov/grants/guidelines/TD_Fellowships.html

Deadline: 10/1/2008

26-9 Humanities Collections and Resources (NEH)

Humanities Collections and Resources combines support for activities that were funded previously through two separate grant categories: Grants to Preserve and Create Access to Humanities Collections and Reference Materials Grants. The program also provides support for activities

funded previously through the Division's Research and Development category. The possibilities presented by advances in digital technology require a new grant category that encompasses the range of activities funded through the previous programs and encourages the development of digital methods and tools to increase the availability and long-term preservation of humanities collections and resources. Applications may be submitted for the following activities: digitizing collections; arranging and describing archival and manuscript collections; cataloging collections of printed works, photographs, recorded sound, moving image, art, and material culture; preservation reformatting; deacidification of collections; and preserving and improving access to humanities resources in born digital form.

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

[Collections and Resources.html](http://www.neh.gov/grants/guidelines/Collections_and_Resources.html)

Deadline: 7/13/2008

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

26-10 Non-Metallic Materials Research Thrust (NMMRT) (DOD)

Due to their small size leading to very large surface area to volume ratio, tailored nanostructured materials and nanocomposites exhibit unusual behaviors compared to bulk materials. Nanostructured materials research has been a focus of the Air Force Research Laboratory Materials and Manufacturing Directorate's Nanostructured and Biological Materials Branch (AFRL/RXBN). The Air Force is interested in taking some of the most promising Nanostructured Materials Research from the laboratory and focusing development in critical AF applications areas to help accelerate the use of Nanotechnology as well as demonstrate improved properties and performance in materials and devices using Nanotechnology. Areas are: 1) Nanoparticle-Based Conductive Lubricants for Radio Frequency Microelectromechanical Systems Switches, 2) Nanostructured Materials-Based High Energy Density Batteries for AF Applications, 3) Type-III Cd/HgTe superlattices for Very Long Wavelength Infrared Detectors, and 4) Nanotechnology-Enabled Dynamic Electro-Optic Filters. BAA-04-MLK-CALL-11 (GG 6/26/08)

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

Deadline: 8/11/2008

26-11 TeraGrid Phase III: eXtreme Digital Resources for Science and Engineering (XD) (NSF)

In many areas of research, a key to making advances is the ability of scientists and engineers to manipulate extremely large quantities of information. At the largest scales, the resources needed to work with huge volumes of digital information are expensive and scarce. In recent years, the research community, with support from NSF, has developed the

TeraGrid as a way of providing wide access to these scarce, expensive resources. The need for such widely shared, national resources continues to grow and as the currently funded phase of TeraGrid operations approaches its close, NSF is inviting innovative proposals for a new infrastructure to deliver the next generation of high-end digital services, as national resources, that will provide researchers and educators with the capability to work with extremely large amounts of digitally represented information. A proposing organization may submit (or be a sub-awardee on) either a proposal for a single one of the four services listed in the Integrating Services section of the Program Description (Section II of this solicitation), or a proposal for the XD Coordination and Management Service (CMS) and one or more of the other three Integrating services. NSF 08-571

URL: <http://www.nsf.gov/pubs/2008/nsf08571/nsf08571.htm>

Deadline: Internal 8/11/2008; Preliminary Proposals 11/4/2008; Proposals 6/15/2009

Health & Life Sciences

26-12 Career Awards for Medical Scientists (CAMS) (BWF)

The Career Awards for Medical Scientists (CAMS) award is intended to support the physician scientist (M.D.; M.D., Ph.D.; D.V.M.; D.V.M., Ph.D.; D.D.S.; D.D.S, Ph.D., etc) during the final one or two years of a mentored position and then allow the physician scientist to carry that support to an independent position. BWF believes that this bridging award, supporting the last year(s) of a mentored position in addition to supporting the beginning years of an independent position, will facilitate the transition to a career in research and buy time from service commitments. An institution may nominate five candidates, 6 if a woman or under-represented minority is included.

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

Deadline: Internal 8/1/2008; Applications 10/1/2008

R.W. Trewyn, Vice President for Research

Jim Guikema, Associate Vice President for Research

Caron Boyce, Administrative Specialist

Preaward Section

Paul Lowe, Director

Anita Fahrny, Assistant Director

Kathy Tilley, Rich Doan, Carmen Garcia,

Danielle Brunner, Rex Goff, Adassa Roe,

Sharon Zoeller

Funding Information Specialist & Editor

Beverly Page

Human Subjects, Animal Care & Use, and Biosafety

Gerald P. Jaax, Associate Vice President, Research Compliance

Ashley Rhodes, Compliance Monitor

Adrian Self, Administrative Specialist

Congressional Relations

Sue Peterson, R.W. Trewyn