

Funding Bulletin

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

September 5, 2008

Vol. 17, No. 33

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 33-4**) 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

33-1 Innovative Computational and Statistical Methodologies for the Design and Analysis of Multilevel Studies on Childhood Obesity (R01) (NIH)

This FOA issued by the National Institutes of Health solicits Research Project Grant (R01) applications from institutions/organizations that propose to develop, refine, and apply innovative statistical or computational methods for the analysis of multilevel determinants of childhood obesity or for the design of multilevel interventions. Multilevel observational and intervention studies include those that consider the range of biological, family, community, socio-cultural, environmental, policy, and macro-level economic factors that influence diet and physical activity in children. This FOA aims to encourage the development and application of novel methodologies, using secondary or simulated data, that can simultaneously examine factors of energy balance that span more than 3 levels of influence in children. RFA-HD-08-023 (NIHG 8/22/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-08-023.html>

Deadline: Letters of Intent 10/28/2008; Applications 11/28/2008

33-2 Proactive Recruitment in Introductory Science and Mathematics (PRISM) (NSF)

The goal of the program in Proactive Recruitment in Introductory Science and Mathematics is to strengthen the nation's scientific competitiveness by increasing the numbers of well-prepared, successful U.S. undergraduate majors and minors in science and mathematics. The program will fund innovative, potentially transformational partnerships between the mathematical sciences and other science or engineering disciplines that widen the cross section of the mathematical sciences to which freshman and sophomore students are exposed and that provide these students increased opportunities for research experiences involving the mathematical sciences. NSF 08-596

URL: <http://www.nsf.gov/pubs/2008/nsf08596/nsf08596.htm>

Deadline: 2/16/2009

ARTS & HUMANITIES

33-3 Grants in Nonfiction Publishing (Kaplan)

An initiative of the J.M. Kaplan Fund, the Furthermore program supports non-fiction book publishing about the urban experience; natural and historic resources; art, architecture, and design; cultural history; and civil liberties and other public issues. The program seeks work that appeals to an informed general audience; gives evidence of high standards in editing, design, and production; promises a reasonable shelf life; might not otherwise achieve top quality or even come into being; and represents a contribution without which we would be the poorer. RFPB 7/3/08

URL: <http://jmkfund.org>

Deadline: 9/15/2008, 3/15/2009

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

33-4 Emerging Frontiers in Research and Innovation (NSF)

The Directorate for Engineering at the National Science Foundation has established the Office of Emerging Frontiers in Research and Innovation (EFRI) to serve a critical role in focusing on important emerging areas in a timely manner. The EFRI Office is launching a new funding opportunity for interdisciplinary teams of researchers to embark on rapidly advancing frontiers of fundamental engineering research. For this solicitation, we will consider proposals that aim to investigate emerging frontiers in the following two specific research areas: 1) BioSensing & BioActuation: Interface of Living and Engineered Systems (BSBA),

and 2) Hydrocarbons from Biomass (HyBi). The principal investigator and co-principal investigators may participate in one proposal submitted to this solicitation. It is the responsibility of the submitting institution to insure that the PI and all co-PIs are participating in only one proposal submitted to this solicitation. NSF 08-599

URL: <http://www.nsf.gov/pubs/2008/nsf08599.htm>

Deadline: Internal 9/15/2008; Letters of Intent 10/14/2008; Preproposal 12/2/2008; Proposal 4/30/2009

33-5 Theoretical Atomic, Molecular, and Optical Physics (NSF)

The Theoretical Atomic, Molecular, and Optical Physics (TAMOP) program supports theoretical and computational research in all areas of atomic structure, the molecular structure of small molecules, electron, and atomic collisions, photoionization and photodetachment of electrons from atoms and small molecules, time-dependent interactions with atoms and small molecules, quantum optics, ultracold phenomena in Bose and Fermi gases, and quantum information. Investigations primarily directed toward a theoretical understanding of larger molecules or condensed matter systems should be directed towards the appropriate programs in the Division of Chemistry or the Division of Materials Research. PD-08-1284 (GG 5/21/08)

URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503273

Deadline: Target Date 9/24/2008

33-6 Theoretical Physics (NSF)

This program area supports the development of qualitative and quantitative understanding of fundamental physical systems, ranging from the most elementary constituents of matter through nuclei and atoms to astrophysical objects and the cosmos. This includes formulating new approaches for theoretical, computational, and experimental research that explore the fundamental laws of physics and the behavior of physical systems; formulating quantitative hypotheses; exploring and analyzing the implications of such hypotheses analytically and computationally; and, in some cases, interpreting the results of experiments. Support is given for research and conferences in the following categories: elementary particle physics; nuclear physics; atomic, molecular, optical, and plasma physics; astrophysics and cosmology; gravitational physics, and a broad spectrum of topics in mathematical physics. The effort also includes a considerable number of interdisciplinary grants. PD-04-1284 (GG 5/21/08)

URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5626

Deadline: 9/24/2008

HEALTH & LIFE SCIENCE

33-7 Susan G. Komen for the Cure (Komen)

Susan G. Komen for the Cure is excited to announce the release of Promise Grants for the 2008-2009 Research Program. Promise Grants provide up to \$1.5M annually over five years to support programs with collaborative and cross-disciplinary research projects that provide integrated approaches to solving critical challenges to the rapid translation of scientific discoveries into new or enhanced clinical tools and applications that have the greatest potential to significantly reduce breast cancer incidence and/or mortality within the next decade. Integrated programs of research projects addressing critical challenges in population disparities in breast cancer outcomes and triple negative breast cancer are of special interest and may receive funding priority.

URL: <http://www.komen.org/grants>

Deadline: Preapplications 9/25/2008; Applications 12/4/2008

33-8 Epigenomics of Human Health and Disease (R01) (NIH)

The National Institutes of Health invites applications that propose research to transform our understanding of the epigenetic contributions to human disease. Studies will characterize global (epigenome-wide) marks or features, and their possible interactions, in cells and tissues that are representative of various human disease states, conditions, or processes. Rather than solely advancing knowledge, transformation as defined in this FOA, is intended to change our fundamental understanding of human health and disease by creating a new paradigm or by disrupting an existing one. Unbiased epigenome-wide (global) mapping approaches must be used to identify marks in diseased, aged, or environmentally compromised human primary cells or tissues. Mammalian animal models are allowed in rare exceptions where human samples cannot be obtained for a given disease/condition of interest, but strong justification must be provided. RFA-RM-08-017 (GG 7/30/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-08-017.html>

Deadline: Letters of Intent 9/28/2008; Applications 10/28/2008

33-9 Developmental Origins of Altered Lung Physiology and Immune Function (R01) (HHS)

This FOA issued by the NHLBI, National Institutes of Health, solicits Research Project Grant (R01) applications from institutions/organizations that propose to perform research that will enhance the understanding of how the pre- and postnatal environment affect the interplay of the lung and immune system during development resulting in sustained changes in

lung physiology and immune function that compromise respiratory health and outcomes. RFA-HL-08-009 (NIH 5/16/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-08-009.html>

Deadline: Letters of Intent 9/19/2008; Applications 10/21/2008

33-10 Development of New Tools for Cell Fate Determination and Tissue Homeostasis in the Aged (R21) (NIH)

The National Institute on Aging (NIA), National Institutes of Health (NIH), invites Exploratory/Developmental Research Grant (R21) applications from institutions/organizations that propose to develop tools to track cell fate determination (cell lineage) and to determine cell life spans in normal tissue homeostasis and in response to injury or disease in the elderly. This Funding Opportunity Announcement (FOA) will support basic and applied exploratory/developmental research projects for the development of tools needed to determine cell life spans and cell fates in various tissues of aged mammals, specifically in humans or in model organisms (e.g. rodents or nonhuman primates). Applications will address the design, development and quantitative testing of integrated systems for cell turnover rates and lineage tracing in one or more cell types. Such systems should be applicable to determine the age-dependent changes in cellular turnover and fates in tissues that lose function with advanced age. RFA-AG-09-004 (NIH 4/11/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-09-004.html>

Deadline: Letters of Intent 9/30/2008; Applications 10/30/2008

INTERNATIONAL/MULTICULTURAL

33-11 Canadian Studies Research Grant Program (Canada)

The Research Grant Program promotes research in the social sciences and humanities that contributes to a better knowledge and understanding of Canada, its relationship with the United States, and its international affairs. The grant is designed to assist individual scholars, or a team of scholars, in writing an article-length manuscript of publishable quality and reporting their findings in scholarly publications, thus contributing to the development of Canadian Studies in the United States. (GA 6/08)

URL: <http://geo.international.gc.ca/can-am/washington/studies/canadianstudies-en.asp>

Deadline: 9/30/2008

33-12 International Research in Homeland Security Science & Technology Mission Areas (DHS)

The Department of Homeland Security (DHS) Science and Technology (S&T) Directorate is soliciting applications for international research projects aligned with the mission and requirements of

DHS S&T. These projects should be designed to augment and complement, through international research and collaboration, the depth and breadth of homeland security science and technology research. Specifically, the S&T Directorate seeks proposals that will contribute to homeland security science and technology, including but not limited to: Evaluation of novel tools or approaches to confronting homeland security challenges; Basic research to provide data, understandings, or models that support S&T efforts or policy decisions; and S&T and operations research evaluations to support revolutionary improvements in DHS's mission and its component agencies' operations. DHS-08-ST-108-002 (GG 3/13/08)

URL: <http://www07.grants.gov/search/search.do?mode=VIEW&oppld=40993>

Deadline: 9/30/2008

SOCIAL SCIENCES

33-13 Reducing Risk Behaviors by Promoting Positive Youth Development (R01) (NIH)

This purpose of this Funding Opportunity Announcement is to encourage Research Project Grant (R01) applications from institutions/organizations that propose to enhance our understanding of effective positive youth development programs and the mechanisms responsible for positive health and developmental outcomes. This will be accomplished through the development, implementation, and evaluation of new or improved positive youth development programs, the evaluation of existing successful programs, or the evaluation of effective, evidence-based, gender-inclusive programs that are adapted, translated, or disseminated for new populations of youth and adolescents. This FOA will utilize the Research Project Grant (R01) grant award mechanism and runs in parallel with a FOA of identical scientific scope, PA-08-242, that encourages applications under the R03 mechanism. PA-08-241 (NIH 8/15/08)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-08-241.html>

Deadline: 10/5/2008, 2/5/2009, 6/5/2009

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