

Funding Bulletin

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

September 10, 2007

Vol. 16, No. 34

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 34-6**) 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

34-1 Advanced Genomic Data Analysis and Visualization Methods for the Cancer Genome Atlas (TCGA) Data (R21) (NIH)

This NCI-sponsored funding opportunity announcement (FOA) is a request for grant applications that describe exploratory projects aimed at the development of highly innovative and novel advanced genomic data analysis methods and visualization technologies. This FOA is a component of The Cancer Genome Atlas Pilot Project, which tests the technical feasibility and clinical relevance of conducting a systematic, comprehensive large-scale analysis of genomic alterations found in human cancers. The purpose is to stimulate the development of new and improved computational and statistical tools for integrative analysis of the TCGA data sets covering alterations in the cancer genome, epigenome, and/or transcriptome (e.g., somatic mutations, changes in DNA segment copy number, translocations, loss of heterozygosity, epigenomic modifications, and gene expression profiles from multiple platforms) and linked pathological/clinical information. Of particular interest is the development of tools and methods for analyzing, mining, and visualizing TCGA data

to reveal previously unknown associations between genomic alterations, pathways, and cancer. RFA-CA-08-005 (NIHG 8/31/07)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-08-005.html>

Deadline: Letters of Intent 11/10/2007; Applications 12/10/2007

34-2 Research on Gender in Science and Engineering FY 2008 (GSE) (NSF)

The program seeks to broaden the participation of girls and women in all fields of science, technology, engineering, and mathematics (STEM) education by supporting research, the diffusion of research-based innovations, and extension services in education that will lead to a larger and more diverse domestic science and engineering workforce. Typical projects will contribute to the knowledge base addressing gender-related differences in learning and in the educational experiences that affect student interest, performance, and choice of careers; how pedagogical approaches and teaching styles, curriculum, student services, and institutional culture contribute to causing or closing gender gaps that persist in certain fields. Projects will communicate and apply findings, evaluation results, and proven good practices and products to a wider community. The program does not currently fund intervention or education projects that directly serve students as their primary purpose. NSF 07-578 (Posted 7/26/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07578/nsf07578.htm>

Deadline: Preproposals 11/5/2007; 1/7/2008; Proposals 2/25/2008; 4/7/2008

AGRICULTURE

34-3 K-State Arthropod Genomics Center Seed Grant RFP (KSU)

The K-State Arthropod Genomics Center invites research proposals from scientists at Kansas State University for seed grants ranging up to \$60,000/year for two years. The Arthropod Genomics Center supports arthropod genomics research at K-State by funding research that will lead to the generation of preliminary data for extramural grant proposals involving arthropod genomics, including the development or use of tools (such as libraries and microarrays) for genome-based analysis of gene expression. Priority for funding will be given to those applications that show promise of attracting extramural funding. Proposals involving genomic studies primarily of non-arthropod species will not be considered. These grants may fund research by new and established K-State faculty. Funding for these seed grants has been

made possible through support from K-State Targeted Excellence. For more information on the Arthropod Genomics Center, potential applicants are invited to visit <http://www.ksu.edu/agc>.

URL: <http://www.k-state.edu/agc/funding.shtml>

Deadline: Letters of Intent 9/28/2007; Full Proposals 11/19/2007

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

34-4 Brownfields Job Training Grants (EPA)

This notice announces the availability of funds and solicits applications from eligible entities and non-profit organizations to provide environmental job training projects that will facilitate the assessment, remediation, or preparation of brownfield sites. Applicants must propose to serve a community that currently receives, or has received, financial assistance from EPA for brownfields assessment, revolving loan fund or cleanup competitive grants. EPA-OSWER-OBCR-07-10

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

Deadline: 10/19/2007

34-5 Kansas NASA EPSCoR Program Research Infrastructure Development (RID) (NASA)

The Kansas NASA EPSCoR Program (KNEP) is preparing to award Research Infrastructure Development (RID) grants to Kansas investigators. Two award types are available. Seed/Research Initiation (SRI) grants assist investigators in starting research projects having a high probability for sustained growth and value. Obviously, the grant should address specific problems of interest to NASA and Kansas. Successful SRI grants lead to productive collaborations, joint publications, and additional (non-EPSCoR) grant awards. Partnership Development Travel (PDT) grants are intended to facilitate development of beneficial NASA or industrial collaborations. A typical PDT grant allows a faculty member and student to travel to a NASA center or relevant industry location to initiate, develop, and formalize a meaningful professional relationship with a NASA (or industry) researcher during the trips. Ideally the faculty member, student, and host become co-participants in some research activity. The PDT award should lead to sustained collaboration, joint publications, and future grant submissions.

URL: http://nasainkansas.org/knep/knep_open_solicitations/

Deadline: 9/21/2007

34-6 Microsoft Research New Faculty

Fellowship Program (Microsoft)

Microsoft Research is seeking nominees who are advancing computing research in novel directions with the potential for high impact and who demonstrate the likelihood of becoming thought leaders of the field. This fellowship is intended to identify, recognize, and support exceptional new faculty members engaged in innovative computing research. Nominees must be new faculty members in the first, second, or third year of their first faculty appointment as of the deadline of the application. The nominee's most recent Ph.D. degree must have been obtained within the last six years. No more than one nomination from a university will be accepted.

URL: <http://research.microsoft.com/us/nff/overview.aspx>

Deadline: Internal 9/19/2007; Nominations 11/19/2007

34-7 Grants and Cooperative Agreements for Nuclear Physics (DOE)

The Office of Nuclear Physics (NP), within the Office of Science (SC) of the Department of Energy (DOE), announces its continuing interest in receiving NEW applications for support of research in Nuclear Physics. The purpose of this solicitation is to request that all new applications for the Office of Nuclear Physics be submitted in response to this notice instead of the Annual Notice - Continuing Solicitation for all Office of Science Programs. This does not change the process for renewal and supplemental applications. All renewal and supplemental applications should still be submitted in response to the Annual Notice - Submission of Renewal and Supplemental Applications for Office of Science Grants.DE-PS02-07ER07-31 (GG 8/30/07)

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

Deadline: 11/1/2007

HEALTH & LIFE SCIENCES

34-8 Kansas NIH COBRE Center for Cancer Experimental Therapeutics Grants (KU)

Center of Biomedical Research Excellence (COBRE) Awards are grants that stimulate competitive extramural research funding for junior faculty members early in their careers. The awards are to be used to generate adequate preliminary data or to strengthen existing preliminary data to be able to submit competitive NIH RO1 applications. Research related to cancer will be considered for the COBRE Awards. In general, non-tenured, tenure track faculty within the first three years of their initial appointment at KU, KUMC, KSU, WSU, and ESU who have never been a principal investigator of an RO1 research grant from the National Institutes of Health are eligible.

URL: <http://ccet.cobre.ku.edu/>

Deadline: Letters of Intent 11/1/2007; Proposals 12/3/2007

34-9 Exploratory Investigations in Food Allergy (R21) (NIH)

The goal of this Funding Opportunity Announcement is to support high impact, innovative exploratory/developmental investigations to determine the mechanisms of and risk factors associated with IgE-mediated food allergy and related comorbid conditions, focusing on ex vivo studies with human specimens and on studies with current or new animal models of food allergy. Investigations who have no prior history of receiving independent NIH funding in food allergy research, or have no history of receiving such funding after January, 2003, are encouraged to apply to this FOA. RFA-AI-07-032 (NIHG 8/24/07)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-07-032.html>

Deadline: Letters of Intent 11/8/2007; Applications 12/10/2007

INTERNATIONAL/MULTICULTURAL

34-10 Fulbright-Hays Faculty Research Abroad (FRA) Fellowship Program (ED)

The Fulbright-Hays Faculty Research Abroad Fellowship Program offers opportunities to faculty of Institutions of Higher Education (IHEs) to engage in research abroad in modern foreign languages and area studies. The research project should focus on one of more of the following geographic areas: Africa, East Asia, Southeast Asia and the Pacific Islands, South Asia, the Near East, East Central Europe and Eurasia, and the Western Hemisphere (excluding the United States and its territories). Please note that applications that propose projects focused on Western Europe are not eligible. CFDA# 84.019A (FR 8/31/07)

URL: <http://www.ed.gov/news/fedregister>

Deadline: 10/30/2007

34-11 Fulbright-Hays Group Projects Abroad (ED)

The Fulbright-Hays Group Projects Abroad (GPA) Program supports overseas projects in training, research and curriculum development in modern foreign languages and area studies for groups of teachers, students, and faculty engaged in a common endeavor. Projects are short-term and include seminars, curriculum development, or group research or study. This competition also will support advanced overseas intensive language projects which give advanced language students the opportunity to study languages overseas. A group project funded under this priority must focus on one or more of the following geographic regions of the world: Africa, East Asia, South Asia, Southeast Asia and the Pacific, the Western Hemisphere (Central and South America, Mexico, and the Caribbean), East Central Europe and Eurasia, and the Near East. CFDA# 84.021A (FR 8/31/07)

URL: <http://www.ed.gov/news/fedregister>

Deadline: 10/4/2007

SOCIAL SCIENCES

34-12 Summer of Service for Middle-School Aged Youth (CNCS)

The Corporation for National and Community Service announces the availability of grants to support summer of service activities. Summer of service activities are defined as high quality, supervised, volunteer activities in multiple locations during the summer (out-of-school) months. The participants will be middle school youth (typically 10 to 14 years old) from disadvantaged circumstances in urban and rural areas. The purpose of this competition is to stimulate new or expanded service-learning opportunities in the summer programming of youth-serving organizations that already serve large numbers of youth from disadvantaged circumstances at multiple sites. Eligible applicants include national, state, or multi-scale organizations. CNCS-GRANTS-082907-001 (GG 8/29/07)

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

Deadline: Letters of Intent 9/19/2007; Applications 10/10/2007

STUDENTS

34-13 Postdoctoral Research Fellowships in Biology (NSF)

The Directorate for Biological Sciences (BIO) awards Postdoctoral Research Fellowships in Biology to recent recipients of the doctoral degree for research and training in selected areas of biology supported by BIO to encourage independence early in their research careers and to permit them to pursue their research and training goals in the most appropriate research locations regardless of the availability of funding for the Fellows at that site. Currently the BIO programs are: Broadening Participation of Under-represented Groups in Biology and Biological Informatics. NSF 07-580

URL: <http://www.nsf.gov/pubs/2007/nsf07580/nsf07580.htm>

Deadline: 11/5/2007

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, Candice Foster, Danielle Brunner, Rex Goff, Dawn Caldwell, 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
Adassa Roe, Administrative Specialist

Congressional Relations

Sue Peterson, R.W. Trewyn