

Funding Bulletin

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

June 19, 2006

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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 (22-1, 22-6, 22-9) 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/bul06/internalddl/newlimits.htm>

GENERAL

22-1 Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) (NSF)

The Science, Technology, Engineering and Mathematics Talent Expansion Program (STEP) seeks to increase the number of students (U.S. citizens or permanent residents) receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Type 1 proposals are solicited that provide for full implementation efforts at academic institutions. Projects may involve a single institution, collaboration with business and industrial partners, or collaboration among several institutions. An institution is allowed to submit only one Type 1 proposal or be part of only one consortium submitting a Type 1 proposal. Please contact Jim Guikema by the internal deadline date if you wish to submit a Type 1 proposal. Type 2 proposals that support educational research projects on associate or baccalaureate degree attainment in STEM are also solicited. There is no limit on submission of Type 2 proposals. NSF 06-502
URL: <http://www.nsf.gov/pubs/2006/nsf06502/nsf06502.htm>
Deadline: Internal Deadline 7/5/2006; Letters of Intent 8/15/2006; Applications 9/26/2006

22-2 Gulf of Mexico Alliance Regional

Partnership Projects (EPA)

The EPA Gulf of Mexico Program's (GMP) mission is to protect, restore, and enhance the coastal and marine waters of the Gulf and its natural habitats; to sustain living resources; to protect human health and the food supply; and to ensure the long-term use of the Gulf shores, beaches, and waters. To carry out the GMP mission, projects should develop and maintain a partnership of State and Federal agencies, local governments, academia, regional business and industry, agricultural and environmental organizations, and individual citizens and communities that effectively addresses the complex ecological problems that cross State, Federal, and international jurisdictions and boundaries. EPA-GM-2006-1 (GG 6/8/06)
URL: <http://www.grants.gov>
Deadline: 7/11/2006

22-3 Centers of Academic Excellence (NGA)

The National Geospatial Intelligence Agency invites applications to establish community centers of academic excellence to help meet the need for a cadre of intelligence professionals with critical skills to carry out national securities studies. Grantee institutions can develop critical skills and competencies that focus on three to five areas: information technology specialists; political economic specialists; language specialists; threat specialists; and scientific/technical specialists. BAA HM1582-06-BAA-003
URL: <http://www.nga.mil>
Deadline: 7/7/2006

EDUCATION

22-4 Fund for the Improvement of Postsecondary Education - Comprehensive Program (ED)

The Comprehensive Program supports grants and cooperative agreements to improve postsecondary education opportunities. It encourages reforms, innovations, and improvements of postsecondary education that respond to problems of national significance and provide access to quality education for all. Priorities for FY 2006 are: 1) Projects developing innovative instructional and administrative efficiencies to broaden access to high quality and affordable higher education; 2) Projects aligning curriculum on a state or multistate level between high schools and colleges, and between two-year and four-year postsecondary programs, to ensure continuing academic progress and transferability of credits; 3) Projects increasing the number and improving the pre-service preparation and professional development of

science and mathematics teachers through career change problems and/or programs that combine a bachelor's degree in science or math with a bachelor's degree in education and/or teacher certification, especially collaborative projects involving K-12 educators, college departments of science and mathematics, private sector partnerships, and teacher education programs. CFDA #84.116B (FR 6/8/06)
URL: <http://www.ed.gov/news/fedregister>
Deadline: Letters of Intent 6/20/2006; Applications 7/10/2006

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

22-5 University Transportation Centers (DOT)

The Transportation Department's Research and Innovative Technology Administration invites applications to establish academic research centers to advance U.S. technology and expertise through research, education and technology transfer in disciplines related to transportation. Each institution must select a theme that indicates the nature of the center it seeks to establish. The theme should reflect the contribution the center plans to make within the program and the region.
URL: <http://utc.dot.gov/comp2006.html>
Deadline: 8/15/2006

22-6 Leadership-Class System Acquisition - Creating a Petascale Computing Environment for Science and Engineering (NSF)

NSF's goal for high performance computing (HPC) in the period 2006-2011 is to enable petascale science and engineering through the deployment and support of a world-class HPC environment comprising the most capable combination of HPC assets available to the academic community. The petascale HPC environment will enable investigations of computationally challenging problems that require computing systems capable of delivering sustained performance 10^{15} floating point operations per second (petaflops) on real applications, that consume large amounts of memory, and/or that work with very large data sets. HPC Resource Providers—those organizations willing to acquire, deploy and operate HPC systems in service to the broad science and engineering research and education community—play a key role in the provision and support of a national HPC environment. With this solicitation, NSF requests proposals from organizations, or groups of organizations, willing to serve as a petascale HPC Resource provider, and who propose to acquire and deploy a new, state-of-the-art, petascale HPC system. An eligible organization may submit only one preliminary proposal to this competi-

tion. NSF 06-573 (Posted 6/5/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06573/nsf06573.html>

Deadline: Internal Deadline 7/8/2006; Letters of Intent 9/8/2006; Applications 2/2/2007

22-7 Living With a Star (NASA)

NASA has released the final text for two ROSES program elements (Appendix B.7: Living With a Star Targeted Research and Technology, Appendix B.8: Living With a Star Targeted Research and Technology: Strategic Capability). Living With a Star Targeted Research and Technology solicits proposals leading to a physics-based understanding of the integral system linking the Sun to the Solar System both directly and via the heliosphere, planetary magnetospheres, and ionospheres. Proposals are solicited for Targeted Investigations and for Cross-Disciplinary Infrastructure Building programs. Living With a Star Targeted Research and Technology: Strategic Capability with the final text solicits proposals to develop a quantitative 3D model for the slowly evolving magnetic field of a complex active region.

NNH06ZDA001N (GG 6/2/06)

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

Deadline: Letters of Intent 7/31/2006; Applications 8/31/2006

HEALTH & LIFE SCIENCES

22-8 K-INBRE Major Starter Grant (KU/NIH)

The NIH funded Kansas IDeA Network of Biomedical Research Excellence grant is currently in its sixth year of operation. Its mission is to strengthen the ability of Kansas researchers to compete effectively for NIH funds by building a critical mass of junior and senior investigators as well as undergraduates, graduate students and post-doctoral fellows. Investigators are to be supported with cutting edge technology within our scientific research theme, Cell and Developmental Biology. Focus areas include reproductive and embryonic development, organogenesis, developmental neuroscience, and cellular and developmental pathologies. We are now seeking to identify four new faculty to participate as Major Starter Grant Recipients for the next 2.5 years. The INBRE application must represent a new, unfunded project at the time of submission. Investigators who have received a research grant with direct costs of more than \$50,000/year from NIH (including COBRE and INBRE grants) or another extramural funding agency are not eligible to apply.

EMAIL: hchapman@kumc.edu

Deadline: Letters of Intent 6/30/2006; Applications 8/4/2006

22-9 Career Awards in the Biomedical Sciences (BWF)

Burroughs Wellcome Fund (BWF) Career Awards in the Biomedical Sciences are intended to foster the development and

productivity of biomedical researchers who are early in their careers and to help them make the critical transition to becoming independent investigators. The program provides five years of support to bridge advanced postdoctoral training and the early years of faculty service. A U.S. or Canadian institution, including its medical school, graduate schools, and all affiliated hospitals and research institutes, may nominate up to six candidates. Candidates must have completed at least 12 months, but not more than 48 months, of postdoctoral research training by the October 3 application deadline.

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

Deadline: Internal Deadline 8/2/2006; Applications 10/2/2006

INTERNATIONAL/MULTICULTURAL

22-10 Education Projects in the South and Midwest (Japan)

The Japan Foundation Center for Global Partnership has announced funding opportunities for small-scale education initiatives in Southern and Midwestern states. CGP's Education Program seeks to increase awareness and understanding of Japan in these states through support of teacher training and related programs that address the needs of the K-12 student and teacher community. Priority will be given to projects that reach out to underserved schools and communities with little exposure to Japan; involve participation by individuals and organizations new to the field of K-12 education about Japan; use local resources, such as museums, higher education institutions, Japan-America Societies, World Affairs Councils, Japanese businesses, and the resident Japanese community of families, students, and professionals; and/or demonstrate innovation and potential for replication in other regions.

URL: <http://fconline.foundationcenter.org/pnd/10002078/cgp>

Deadline: Open

SOCIAL SCIENCES

22-11 Fatherhood Capacity Building (ACF)

The Health and Human Services Department's Administration for Children and Families solicits applications to deliver organizational capacity-building services to enhance community-based organizations' ability to provide responsible fatherhood services and programs. The grantee will identify and provide assistance to local community based fatherhood organizations in four areas: leadership development; organizational development; program development; and community engagement. HHS-2006-ACF-OFA-FB-0138

URL: <http://www.acf.hhs.gov/grants/index.html>

Deadline: 7/14/2006

22-12 Research Programs (Russell Sage)

The Russell Sage Foundation is an operating foundation directly involved in the conduct and dissemination of social science research. The Foundation's main research programs consist of: 1) A program of research on the Future of Work concerned with the causes and consequences of changes in the quality of low-wage work in advanced economies; 2) A program of research on current U.S. Immigration focused on the entry of immigrant families into the civic and political life of the country, and on immigrant experiences outside the traditional gateway cities; 3) A program on Cultural Contact that is investigating how well U.S. institutions are managing to respond to the growing diversity of the American population; 4) A program on Social Inequality, focused on the social effects of rising economic inequality, with particular attention to the ways in which the U.S. political and educational systems have responded to growing economic disparities.

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

Deadline: 8/15/2006, 3/15/2007

22-13 Sociological Initiatives Foundation Invites Grant Applications (SIF)

The Sociological Initiatives Foundation supports research and social-action projects that focus on understanding and finding social-action projects that focus on understanding and finding solutions to a broad array of social problems. The foundation's primary goal is to encourage research, including community-based research, that supports and promotes social change. Preference will be given to projects that address institutional rather than individual or behavioral change, and/or research and initiatives that provide insight into sociological and linguistic issues that may be useful to specific groups and/or communities.

URL: <http://fconline.foundationcenter.org/pnd/10002083/grantsmanagement>

Deadline: 8/15/2006

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