

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 (**FB 42-1**) or by at least two months prior to the sponsor deadline if you wish to submit to a limited submission program.

GENERAL

42-1 Universities Rebuilding America Partnerships—Community Design (HUD)

The purpose of the Universities Rebuilding America Partnerships (URAP)—Community Design program is to provide funds to schools of architecture, urban planning and design, or construction at accredited two and four year colleges and universities to establish and operate partnerships with and for communities affected by Hurricanes Catering or Rita (or both) to: 1) Develop long-range neighborhood designs and plans for local communities that address both reconstruction and future growth needs within a municipality or established neighborhood(s) within a larger municipality; or 2) Develop architectural design assessment and rehabilitation/reconstruction planning for housing and community amenities damaged or eliminated by the hurricanes to address resettlement needs. Only one application per institution is allowed. Please notify Jim Guikema by November 16 if you are interested. FR-5023-N-01 (FG 11/3/05, FR 11/1/05)

URL: http://apply.grants.gov/forms_apps_idx.html

Deadline: Internal 11/16/05; Applications 12/1/2005

42-2 Young Investigator (ONR) (DOD)

The Office of Naval Research invites proposals to support outstanding university faculty who show exceptional promise for doing creative research in areas of interest to the agency. Priority research areas are in these ONR divisions: mathematical, computer and information sciences; electron-

ics, including nanometer scale devices and sensors; surveillance, communications and electronic combat; sensing and systems; process and prediction; physical sciences; materials sciences; mechanics and energy conversion; ship, hull and electrical systems; medical and biological sciences; cognitive, neural and social sciences; strike technology; and expeditionary warfare operations technology.

URL: http://onr.navy.mil/02/baa/docs/baa_06-002.pdf

Deadline: 1/12/2006

AGRICULTURE

42-3 National Integrated Food Safety Initiative (USDA)

CSREES requests applications for the Integrated Research, Education, and Extension Competitive Grants Program - National Integrated Food Safety Initiative for fiscal year 2006 to support integrated, multifunctional agricultural research, extension, and education activities that address food safety priorities in the United States. The National Integrated Food Safety Initiative requests applications that address a broad spectrum of food safety concerns - from on-farm production, post-harvest processing and distribution, to food selection, preparation, and consumption. Applicants describing multi-state, multi-institutional, and multifunctional activities (and combinations thereof) are encouraged. USDA-GRANTS-110405-002 (FG 11/4/05)

URL: http://www.csrees.usda.gov/funding/rfas/food_safety.html

Deadline: Letters of Intent 12/16/2005; Applications 1/13/2006

42-4 Integrated Organic Program (USDA)

The Cooperative State Research, Education, and Extension Service (CSREES) requests applications for the Integrated Organic Program for fiscal year 2006 to solve critical organic agriculture issues, priorities, or problems through the integration of research, education, and extension activities in two program areas: Organic Transitions Program (ORG); and (2) Organic Agriculture Research and Extension Initiative (OREI). ORG funds the development and implementation of research, extension and higher education programs to improve the competitiveness of organic producers. OREI funds research and extension programs that enhance the ability of producers and processors who have already adopted organic standards to grow and market high quality organic food, feed, and fiber. USDA-GRANTS-110405-001 (FG 11/4/05)

URL: <http://www.csrees.usda.gov/funding/rfas/organic.html>

Deadline: 12/20/2005

42-5 Biomass Research and Development Initiative (DOE/USDA)

The U.S. Department of Energy and the U.S. Department of Agriculture jointly solicit applications for financial assistance addressing research, development and demonstration of biomass based products, bioenergy, biofuels and related processes. This funding opportunity is intended to promote greater innovation and development related to biomass and to support Federal policy calling for greater use of biomass-based products, feedstock production, and processing and conversion. DE-PS36-06GO96002P (FG 11/7/05)

URL: <https://e-center.doe.gov/iips/faopor.nsf/UNID/C2D6EAD8316FFEE5852570AD0077A88F?OpenDocument>

Deadline: Letters of Intent 11/22/2005; Preapplications 12/20/2005

42-6 2010 Project (NSF)

The Directorate for Biological Sciences (BIO) of the National Science Foundation (NSF) announces its intention to continue support of research to determine the function of all genes in the model plant *Arabidopsis thaliana* by the year 2010. This year, the Program will focus on: 1) projects that include genome-wide analyses for benchmarking the function of all genes in the genome; 2) projects that will develop experimental and computational methods, tools, and resources for enabling a broad community of scientists to conduct functional genomics research on *Arabidopsis*; and 3) research on exemplary networks that use high throughput methods and integrate modeling with experimental data to understand the gene circuitry underlying basic plant processes. NSF 05-624 (Posted 9/27/05)

URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05624

Deadline: 1/23/2006

42-7 Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants Program (USDA)

CSREES requests applications for the Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants Program for fiscal year 2006 to promote and strengthen agriscience and agribusiness education. The purpose of the program is to promote and strengthen teaching programs in agriscience and agribusiness at a secondary and 2-year postsecondary institutions, by enhancing curricula, increasing faculty teaching competencies, and promoting higher education to prepare students for scientific and professional careers, incorporating agriscience or agribusiness subject matter

into other instructional programs, facilitating joint initiatives among other educational institutions and to respond to identified State, regional, national or international needs. USDA-GRANTS-090805-002 (FG 9/8/05)

URL: http://www.csrees.usda.gov/funding/rfas/sec_challenge.html

Deadline: 1/12/2006

ARTS & HUMANITIES

42-8 Grants for Research in Broadcasting (NAB)

The National Association of Broadcasters funds research on economic, business, social, and policy issues important to station managers and other decision-makers in the U.S. commercial broadcast industry. Proposed research may be theoretical or applied but should have practical implications for the broadcasting industry. Examples of issues include: Broadcasting's public service role during times of natural disasters; Consumer and station adoption of HD radio; Impact of new regulations; Impact of new technologies; Commercial advertising effectiveness and recall studies; Training tomorrow's broadcasters.

URL: <http://www.nab.org/research/grants/grants.asp>

Deadline: 1/31/2006

42-9 Mary Isabel Sibley Fellowship in French Studies (PBK)

The Phi Beta Kappa Society is pleased to offer the Mary Isabel Sibley Fellowship, awarded alternately in the fields of Greek and French. The award is used to support the scholar over the course of one year. This year the Fellowship is for French language or literature. Candidates must be unmarried women between the ages of 25 and 35 who have demonstrated their ability to carry on original research. They must hold a doctorate or have fulfilled all the requirements for a doctorate except the dissertation.

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

Deadline: 1/15/2006

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

42-10 Mission Adaptable Chemical Sensor (DARPA)

The Defense Department's Defense Advanced Research Projects Agency seeks proposals to develop a prototype of a portable ultra-sensitive chemical sensor capable of determining chemical, biological and explosive threats by sampling the atmosphere. Interests range from technologies and systems to fabricate a portable chemical sensor; spectroscopic detection techniques; and signal processing and analytical technologies to enable detection and accurate identification of samples of threat gases. BAA06-01

URL: <http://www.darpa.mil/ato/solicit/MACS/index.htm>

Deadline: 12/5/2005

42-11 Industry Matching Grants (DOE)

The Energy Department invites applications for collaborative nuclear engineering education projects. Applicants must have a commitment from a private sector sponsor to provide funding at least equal to the DOE grant. Nuclear education programs should be directed toward maintaining an effective scientific and technical workforce for advancing nuclear energy in the United States.

URL: http://fedgrants.gov/Applicants/DOE/postdate_1.html

Deadline: 12/14/2005

42-12 Science of Design (NSF)

The Science of Design (SoD) Program at NSF is soliciting proposals for projects that will bring creative, scientific advances to design as it pertains to computer-based artifacts, especially software-intensive systems. The focus of this program is on the design of software-intensive systems. However, importing and adapting ideas from other design fields (engineering, urban planning, architecture, economics and the arts, for example) is encouraged. Similarly, it is critical that software design researchers work across different areas within computer science to insure that design includes interdependencies of software with other systems artifacts. SoD solicits proposals in three categories: Team Projects (TEAM), Community Building Activities (CBA), Highly Creative Exploratory Research (HCER). A person may be a participant (i.e., PI, co-PI, senior personnel) on at most one proposal in the Team Project (TEAM) category. A person may be a participant (i.e., PI, co-PI, senior personnel) on at most one proposal in the Highly Creative Exploratory Research (HCER) category. A person may not participate in both a TEAM proposal and a HCER proposal for this solicitation. NSF 05-620 (Posted 9/21/05)

URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05620

Deadline: 1/6/2006

42-13 NSF/DOE Partnership in Basic Plasma Science and Engineering (NSF)

The Directorates for Engineering, Geosciences, and Mathematical and Physical Sciences of the National Science Foundation and the Office of Science/Office of Fusion Energy Sciences of the Department of Energy are continuing in FY2006 the joint Partnership in Basic Plasma Science and Engineering. The goal of this three year (FY06-FY08) program initiative is to enhance plasma research and education in this broad, multidisciplinary field by the coordinating efforts and combining resources of the two agencies. The initiative will address fundamental issues in plasma science and engineering that can have impact in other areas or disciplines in which improved basic understanding of the plasma state is needed. NSF 05-619 (Posted 9/19/05)

URL: <http://www.nsf.gov/pubs/2005/nsf05619/nsf05619.htm>

Deadline: 1/6/2006

HEALTH & LIFE SCIENCES

42-14 Recent HIV Infection: New Prevention Challenges and Opportunities (NIH)

This PA solicits innovative basic or applied research applications that will advance prevention opportunities to reduce transmission risk or minimize neuro-cognitive impairment in persons with recent HIV infection (i.e., 0-6 months post-exposure). Principal Investigators are urged to develop new research that extends knowledge of the basic biological processes of acute and early HIV to address the specific prevention needs of highly infectious, newly infected persons who may account for a disproportionate share of secondary HIV transmissions. PA-05-164 (NIHG 9/9/05)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-05-164.html>

Deadline: 1/2/2006, 5/1/2006, 9/1/2006

INTERNATIONAL/MULTICULTURAL

42-15 New International Fellowship and Scholarship Programs (Whitaker)

The Whitaker Foundation and the Institute of International Education, a world leader in international exchange programs, are launching an international fellows and scholars program for American biomedical engineers early in their careers. There will be one competition each year for fellowships and scholarships. Whitaker Fellows will have a bachelor's or master's degree (but not a doctorate) in biomedical engineering or bioengineering when they begin their fellowship. Whitaker Scholars will have a doctorate in biomedical engineering or closely related field and will use the award to conduct postdoctoral work. Overseas experiences are expected to vary from studying at a university, to conducting research at an institute, to working as an intern at a policy-making organization.

URL: <http://fconline.fdncenter.org/pnd/5000413/whit>

Deadline: 1/30/2006

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