

Funding Bulletin

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

July 17, 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 (**FB 26-1**) 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/internaldl/newlim->

GENERAL

26-1 Beckman Young Investigators (BYI) Program (Beckman)

The Arnold and Mabel Beckman Foundation makes grants to nonprofit research institutions to promote research in chemistry and the life sciences, broadly interpreted, and particularly to foster the invention of methods, instruments, and materials that will open up new avenues of research in science. The Beckman Young Investigator Program is intended to provide research support to the most promising young faculty members in the early stages of academic careers in the chemical and life sciences. Applicants should not have completed more than three years in a tenure-track research appointment. Only two applicants per institution may apply. **URL:** http://www.beckman-foundation.com/byi_guides.html
Deadline: Internal 8/1/2006; Applications 9/29/2006

26-2 Multidisciplinary University Research Initiative (MURI) (DOD)

The Department of Defense Multidisciplinary University Research Initiative (MURI), one element of the University Research Initiative (URI), is sponsored by the DOD research offices: the Office of Naval Research (ONR), the Army Research Office (ARO), and the Air Force Office of Scientific Research (AFOSR). The MURI program supports basic science and/or engineering research at U.S. institu-

tions of higher education that is of critical importance to national defense. The program is focused on multidisciplinary research efforts that intersect more than one traditional science and engineering discipline to address issues of critical concern to the DOD. BAA06-028 (GG 7/7/06)

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

Deadline: White Papers 8/17/2006; Applications 11/13/2006

26-3 BioFuels (DOD)

The Defense Department has been directed to explore a wide range of energy alternatives and fuel efficiency efforts in a bid to reduce the military's reliance on oil to power its aircraft, ground vehicles and non-nuclear ships. DARPA is interested in proposals for research and development efforts to develop a process that efficiently produces a surrogate for petroleum based military jet fuel (JP-8) from oil-rich crops produced by either agriculture or aquaculture (including but not limited to plants, algae, fungi, and bacteria) and which ultimately can be an affordable alternative to petroleum-derived JP-8. BAA06-43 (FBO 7/5/06)

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

Deadline: 9/19/2006, 7/5/2007

AGRICULTURE

26-4 Wildlife Without Borders - Mexico (DOI)

The purpose of this competitive grants program is to develop Mexico's capacity to protect its wildlife and plant resources through: academic and technical training in conservation and management of biological resources; training in management of nature reserves and other protected areas; community-level conservation education for the protection and sustained use of natural resources; technology transfer and information exchange to promote international collaboration; and promotion of networks, partnerships and coalitions that assist in the implementation of conventions, treaties, protocols and other international activities for the conservation of biological resources. WWBMX07 (GG 4/18/06)
URL: <http://www.fws.gov/international/rfps/Mexicohow.htm>
Deadline: 10/1/2006

ARTS & HUMANITIES

26-5 NEA American Masterpieces Musical Theater (NEA)

American Masterpieces: Three Centuries of Artistic Genius is a major initiative to acquaint Americans in all 50

states with the best of their cultural and artistic legacy. This component will celebrate the collaborative genius, evolution, diversity, and cultural contribution of the American musical theater and enable Americans in communities across the nation to experience musical theater work of the highest quality. Grants will be awarded in two areas: 1) Home-based or touring performances of masterworks. 2) Touring, by a limited number of organizations, of masterworks to three to five college and university presenters, with special consideration given to engagements in communities that traditionally do not have access to professional musical theater. 2006NEA01AMMTH (GG 7/7/06)

URL: <http://www.arts.gov/grants/apply/AMMusicalTheater.html>

Deadline: 8/28/2006

26-6 Digitizing Historical Records (NARA)

The Commission promotes the preservation and use of America's documentary heritage essential to understanding our democracy, history, and culture. The Commission seeks proposals to test and implement cost-effective methods to scan historical record collections and make digital versions freely available on the Internet. These pilot Digitizing Historical Records projects should develop models that can be used by other archives. Projects must focus on digitizing archival components that consist of nationally-significant materials. Archival components may be entire collections or series. The selected materials should already be processed so that projects can use existing information to create metadata for the digitized collection. The selected materials should include enough records to test the feasibility and value of disseminating large quantities of historical sources based on standard archival methods of description and arrangement (most likely using existing Encoded Archival Description finding aids). NHPRC-DIGITIZATIONPILOT-06 (GG 6/2/06)
URL: <http://www.archives.gov/nhprc/announcement>
Deadline: 10/2/2006

BUSINESS

26-7 Employment Research 2006 Grant Program (Upjohn)

Through its Research Grant Program, the Upjohn Institute supports policy-relevant research on employment issues. Grants made under this program are expected to result in research of a rigorous nature that is accessible and of interest to practitioners and policymakers. The research is expected to produce a book-length manuscript publishable by the Upjohn Institute.

The Institute has identified a Priority Research Topic: the effects of health care costs on labor demand. However, proposals from any area of interest will be fully considered.

URL: <http://www.upjohminst.org/grantann.html>

Deadline: Preproposals 8/1/2006, 1/31/2006; Applications 10/17/2006, 4/11/2007

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

26-8 Experimental and Theoretical Development of Quantum Information Science (DOD)

The U.S. Army Research Office (ARO) announces the availability of a Broad Agency Announcement for Experimental and Theoretical Development of Quantum Information Science. ARO together with the Disruptive Technologies Office (DTO) solicits research proposals in the following categories: 1) Quantum Computing Concept Maturation proposals are specifically for combined experimental and theoretical studies of potential physical embodiments of quantum bits and quantum logic, perhaps including studies in the related fields of quantum error correction, control, decoherence, and entanglement; 2) Short-Term, Innovative Concept proposals are smaller, short-term (1-3 year) experimental or theoretical studies exploring new quantum computing concepts that could engender a larger scale project in the future; (3) Quantum Algorithm proposals should primarily develop new quantum computing algorithms, but may also consider issues of quantum computational complexity and computability; 4) Quantum Enabling Technologies proposals should primarily develop special technologies or devices difficult to procure, or unavailable commercially, that are critical to the quantum computing and quantum communications projects; and 5) Quantum Computing and Communications Research Fellowships are proposals for graduate students or postdocs who are U.S. citizens working on quantum computing or communications research in areas described in the BAA. W911NF-06-R-0010 (GG 7/7/06)
URL: <http://www.aro.army.mil/baa>
Deadline: White Papers 8/30/2006; Applications 12/11/2006

26-9 Information and Intelligent Systems: Advancing Human-Centered Computing, Information Integration and Informatics, and Robust Intelligence (NSF)

This solicitation replaces the following: Information and Intelligent Systems: Advancing Collaborative and Intelligent Systems and their Societal Implications (NSF 05-551); and Science and Engineering Information Integration and Informatics (NSF 04-528). In this solicitation ISS is emphasizing two cross-cutting technical areas: Human-Robot (and/or Agents) Interaction; and Information Privacy and Security; and curriculum development activities. An investigator may participate

as PI, Co-PI, Senior Personnel or paid consultant in no more than two proposals. In the event that a PI, Co-PI, other Senior Personnel or paid consultant does appear in any of these roles on more than two proposals (whether they are lead or collaborative proposals or subawards), all proposals that include that person will be returned without review. NSF 06-572 (Posted 5/31/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06572/nsf06572.htm>

Deadline: Large Projects 10/19/2006, Medium Projects 11/2/2006, Small Projects 12/6/2006

HEALTH & LIFE SCIENCES

26-10 Genetic Markers of Cardiovascular Disease (KCALSI)

The Kansas City Area Life Sciences Institute is pleased to announce the release of the 2006 Research Development Grant Program request for proposals. KCALSI seeks proposals focused on the following research area: Genetic markers of cardiovascular disease. All full time researchers at KCALSI key stakeholder institutions are eligible to submit proposals in response to this RFP. Proposals must include evidence of inter-institutional collaborative research as criterion for acceptance. Research Development grant proposals should address a critical question(s) in the life sciences and clearly identify how the institutions intend to generate critical preliminary data needed for future proposal submissions to external agencies.

URL: <http://www.kclifesciences.org>
Deadline: Letters of Intent 8/4/2006; Applications 9/1/2006

26-11 Cooperative Research into Therapeutics and Diagnostics for Category B Bacteria, Viruses, and Parasites (U01) (NIH)

Through this RFA, the NIAID invites research grant applications that will lead to the development of new therapeutics and diagnostics addressing NIAID Category B priority pathogens. The objective of this program is to support translational research and advanced product development, i.e., beyond basic research. Projects may include, but not be limited to identification of diagnostic or therapeutic targets; the adaptation of technologies or products to Category B biodefense applications; optimization of products; process development, early validation and testing; preclinical evaluation; scale-up, and production of materials sufficient for preclinical regulatory requirements and clinical Phase I testing or field trials. Applications addressing the Category B Toxins (Shiga, Shiga-like, ricin, Clostridium perfringens epsilon toxin, and the staphyococcal enterotoxins) are not responsive to this RFA, and should be directed to the companion solicitation, RFA-AI-06-035. RFA-AI-06-029 (NIHG 6/9/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-06-029.html>

Deadline: Letters of Intent 10/27/2006; Applications 11/27/2006

INTERNATIONAL/MULTI-CULTURAL

26-12 Study of the United States Institute for Korean Undergraduate Student Leaders (STATE)

The Branch for the Study of the United States, Office of Academic Exchange Programs, Bureau of Educational and Cultural Affairs, invites proposal submissions for the design and implementation of the Study of the United States Institute for Korean Undergraduate Student Leaders to take place over the course of six weeks beginning in January 2007. The Institute is intended to provide a group of 15-18 highly motivated undergraduate students with an integrated and imaginatively designed academic and educational travel program that will give them a deeper understanding of U.S. politics, culture and society, while at the same time enhancing their leadership skills. ECA/A/E/USS-07-SK (FR 6/27/06)
URL: <http://exchanges.state.gov/education/rfgps/menu.htm>
Deadline: 8/25/2006

SOCIAL SCIENCES

26-13 Research on Research Integrity (R01) (NIH)

The NIH and the Agency for Healthcare Research and Quality (AHRQ, DHHS) invite applications to support empirical research on research integrity. Proposals must have clear relevance to biomedical, behavioral health sciences, and health services research. Applicants are strongly encouraged to take into consideration problems or issues that have relevance to specific missions of DHHS, AHRQ, or NIH institutes and centers. RFA-NR-07-001 (NIHG 6/30/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-NR-07-001.html>

Deadline: Letters of Intent 8/14/2006; Applications 9/14/2006

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