

Funding Bulletin

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

September 27, 2005

Vol. 14, No. 35

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 35-8, 35-12) or by at least two months prior to the sponsor deadline if you wish to submit to a limited submission program.

GENERAL

35-1 Ruth L. Kirschstein NRSA Fellowships in Cancer Nanotechnology Research (NIH)

This RFA supports the training of individuals from the basic, biomedical, clinical, and information sciences and engineering who are pursuing research that applies nanotechnology development and application for the prevention, detection, diagnosis, or treatment of cancer. This funding opportunity will use Ruth L. Kirschstein National Research Service Awards (Kirschstein-NRSA) to support individual postdoctoral fellowships (F32) and senior fellowships (F33). RFA-CA-06-010 (NIHG 7/15/05)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-06-010.html>

Deadline: 1/16/2005

35-2 Research on Gender in Science and Engineering FY 2006 (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, dissemination of research, 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; and 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 disseminate and apply findings, evaluation results, and proven good practices and products. NSF 05-614 (Posted 9/2/05)
URL: <http://www.nsf.gov/pubs/2005/nsf05614/nsf05614/nsf05614.htm>
Deadline: Research Pre-Proposals 11/4/2005; Extension Services Pre-Proposals 1/6/2006

AGRICULTURE

35-3 National Urban and Community Forestry Grants (USDA)

The National Urban and Community Forestry Advisory Council serves to advise the Secretary of Agriculture on the status of the nation's urban and community forests. The Council seeks to establish sustainable urban and community forests by encouraging communities of all sizes to manage and protect their natural resources for this and future generations. Through its competitive Challenge Cost-Share Grant Program, funded by the USDA Forest Service's Urban and Community Forestry Program, the Council only supports urban and community forestry projects that have national, or widespread, significance in their impact or application. USDA-GRANTS-091305-001 (FG 9/13/05)

URL: <http://www.treeink.org/nucfac>

Deadline: Preproposals 11/1/2005

35-4 Grain Sorghum Grants

The Kansas Grain Sorghum Commission has issued a request for proposals for FY07 grants in the following areas: 1) Improve Sorghum Yield/Profitability through Heat/Drought Stress; 2) Physiology like Cold Tolerance and Fertilization; 3) Herbicide - both Pre and Post Treatments for Grass and Weed; and 4) Cereal Chemistry to Improve the Utilization of Grain Sorghum.

Deadline: AES 11/7/2005; 11/15/2005

ARTS & HUMANITIES

35-5 National Finals Competition: Poetry Out Loud (NEA)

The purpose of this Program Solicitation is to select an eligible organization to administer the national finals competition of the 51 state Poetry Out Loud champions in Washington, DC in May or June 2006. The work will be carried out in conjunction with the National Endowment for the Arts, The Poetry Foundation, and the participating state arts agencies. In addition, if funds become available, the successful organization may provide additional financial assistance to support the state-level finals competitions. Only Regional Arts Organizations may apply. PS05-09 (FG 9/8/

05)

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

Deadline: 10/7/2005

35-6 American Masterpieces: Musical Theater (NEA)

American Masterpieces: Three Centuries of Artistic Genius is a major initiative to acquaint Americans with the best of their cultural and artistic legacy. This component of American Masterpieces will celebrate the collaborative genius, evolution, diversity and cultural contribution of the American musical theater. Through this component, musical theater work of the highest quality—that otherwise would not be available—will be experienced by Americans in communities across the nation. Grants will be awarded in two areas for: Home based or touring performances of masterworks. Up to ten organizations will be selected to present musical theater work in their home locations or touring venues; and the tour of masterwork to college and university presenters. The Arts Endowment anticipates that a single organization will be selected to tour a musical theater work of excellence and significance to three to five college and university presenting houses.

2006NEA01AMMT (FG 9/14/05)

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

Deadline: 10/28/2005

EDUCATION

35-7 Instructional Materials Development (IMD) (NSF)

The Instructional Materials Development (IMD) program includes four components: Learning Progressions - supports the creation of instructional frameworks centered on learning progressions in science and technology education and the development of associated teacher resources and models for professional development; Instructional Materials for Students -- supports the creation and substantial revision of comprehensive curricula and supplemental instructional materials that are research-based, enhance classroom instruction preK-12, and reflect standards for science, mathematical and technology education developed by national professional organizations; Assessment -- supports the creation of tools for assessing student learning that are tied to nationally developed standards and reflect the most current thinking on how students learn mathematics and science. Projects can also focus on developing resources that provide technical assistance to schools and districts in implementing new assessments; Applied Research -- supports the research for development of the IMD program and projects; provides evidence for the effec-

tiveness of materials and feedback for strengthening the portfolio; and identifies possible new directions in instructional materials and assessment. The new component, Learning Progressions, is the highest priority. NSF 05-612 (Posted 8/31/05)

URL: <http://www.nsf.gov/pubs/2005/nsf05612/nsf05612.htm>

Deadline: Letters of Intent 11/14/2005; Applications 3/13/2005

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

35-8 Active Nanostructures and Nanosystems (ANN) (NSF)

The National Science Foundation (NSF) announces a program on collaborative research and education in the area of active nanostructures and nanosystems, and on the long-term social change associated with these innovations. The goal of this program is to support fundamental research and catalyze synergistic science and engineering research and education in several emerging areas of nanoscale science and technology, including: fundamental nanoscale phenomena and processes in active nanostructures; nanosystems with improved functionality and new architectures; hierarchical nanomanufacturing; and long-term societal and educational implications of scientific and technological advances on the nanoscale. The solicitation will provide support for Nanoscale Interdisciplinary Research Teams (NIRT) and Nanoscale Exploratory Research (NER). Nanoscale Interdisciplinary Research Teams (NIRT): An organization may submit no more than three proposals on which it is the lead organization in response to this solicitation. Nanoscale Exploratory Research (NER): An organization may submit no more than two proposals on which it is the lead organization in response to this NER solicitation. An exception is made for an additional NER proposal that may be submitted in Societal and Educational Issues Associated with Long-term Research Science and Engineering Advances. NSF 05-610 (Posted 8/31/05)

URL: <http://www.nsf.gov/pubs/2005/nsf05610/nsf05610.htm>

Deadline: Internal 10/3/2005; 11/29/2005

35-9 Basic Research That Advances Network Enabled Systems and the Teams That Employ Them (DOD)

The Air Force Office of Scientific Research (AFOSR) invites proposals for basic research in support of Information Science and Technology, specifically basic research that advances network-enabled systems and the teams they employ. This program is described in the document entitled Research Interests and Broad Agency Announcement 2005-4. 2005-4 (FG 9/12/05)

URL: <http://www.afosr.af.mil/>
Deadline: N/A

35-10 Innovative Technologies and Methodologies Addressing Various

Environmental Problems (DOD)

This announcement constitutes a Broad Agency Announcement (BAA) for the Naval Facilities Engineering Service Center (NFESC). This announcement seeks out technologies and methodologies to reduce environmental impacts from current and past Navy operations, and applies to Navy installations worldwide. NFESC interested in environmental technologies and methodologies that are either new, innovative, advance the state-of-the-art, or increase knowledge or understanding of a technology or methodology. Topic No. 1: Environmental Assessment, Restoration and Cleanup; Topic No. 2: Conservation of Natural Resources; Topic No. 3: Unexploded Ordinance (UXO); Topic No. 4: Pollution Prevention; Topic No. 5: Environmental Compliance. N68711-05-R-0098 (FG 9/13/05)

URL: <http://www.fbo.gov/spg/DON/NAVFAC>

Deadline: 9/30/2006

HEALTH & LIFE SCIENCES

35-11 Development and Improvement of Inbred ES Cell Lines for Use in Generation of Mouse Mutants (NIH)

The goal of this RFA is to improve the efficiency of germline transmission of C57BL/6 lines to an extent that permits the use of C57BL/6 cell for high throughput gene targeting and the efficient production of C57BL/6 mice carrying a null mutation. Awards will be made using Cooperative Agreement (U01) mechanism. RFA-DA-06-009 (NIHG 9/16/05)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-06-009.html>

Deadline: Letters of Intent 10/20/2005; Applications 11/22/2005

35-12 Human Temporal Bone Consortium for Research Resource Enhancement (NIH)

This initiative is to support projects that will enhance how human temporal bone (HTB) specimens are used for modern auditory and vestibular research. Applications must delineate important research questions requiring human temporal bone specimens, provide protocols for tissue processing that are robust within the constraints of sample acquisition and varying user needs, and describe mechanisms for access to and sharing of HTB materials including archived and new specimens. Applications must incorporate techniques of modern molecular biology, imaging technology and data management. There must be explicit plans for participating in a Consortium to promote collaborative work among HTB resource centers. Applicants may not submit more than one application for this RFA. RFA-DC-06-001 (NIHG 9/16/05)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-06-001.html>

Deadline: Internal Deadline 10/20/2005; Letters of Intent 1/20/2006; Applications 2/21/2006

INTERNATIONAL/MULTICULTURAL

35-13 Geoscience Education (NSF)

The Geoscience Education (GeoEd) program will now consider proposals submitted under one of two tracks. Track 1 Pilot Projects: Proposals should describe a plan to initiate or pilot highly innovative geoscience education activities. The maximum award size for Track 1 projects is \$150,000 (total) for a maximum duration of two years. Track 2 Integrative Collaborations: Proposals should describe a plan to develop an integrative collaboration with one or more existing Louis Stokes Alliances for Minority Participation (LSAMP), Alliances for Graduate Education and the Professorate (AGEP), or Centers of Research Excellence in Science and Technology (CREST) projects. An individual may be a Principal Investigator or co-Principal Investigator on only one proposal submitted per competition (regardless of Track) to the GeoEd Program. NSF 05-609 (Posted 8/19/05)

URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05609

Deadline: 11/17/2005

STUDENTS

35-14 TIAA-CREF Ruth Simms Hamilton Research Fellowship (TIAA)

TIAA-CREF announces the TIAA-CREF Ruth Simms Hamilton Research Fellowship in honor of the outstanding research, visionary leadership, and memory of TIAA's former Trustee and Michigan State University professor, Dr. Ruth Simms Hamilton. This year, TIAA-CREF will award one or more fellowships, totaling \$30,000, to graduate students at U.S. colleges and universities in recognition of their academic achievements and cutting-edge research that furthers the study of the African Diaspora.

URL: <http://www.tiaa-crefinstitute.org>
Deadline: 10/15/2005

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