

Funding Bulletin

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

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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

GENERAL

31-1 Chemical and Biological Defense Initiative Fund (DOD)

The Army Research Office is interested in soliciting proposals in areas of Chemical and Biological Defense. The intent of this BAA is to identify advanced technologies that fill identified capability needs in the DoD CDBP. It is the intent to issue contracts in response to proposals that meet or exceed all technical and programmatic evaluation criteria and that request funding in the range of \$1M-\$2M.

W911NF05R0010 (FBO 8/17/05)

URL: <http://www.arl.army.mil/aro/research/index.htm>

Deadline: 10/5/2005

31-2 Instrument Development for Biological Research (IDBR) (NSF)

The Instrument Development for Biological Research (IDBR) Program supports the development of novel or substantially improved instrumentation likely to have a significant impact on the study of biological systems at any level. The development of new, or substantial improvement of existing, software for the operation of instruments, analysis of data, or the analysis of images is also supported where these have the effect of improving instrument performance. Proposals aimed at concept or proof-of-concept development for entirely novel instrumentation are encouraged. Support for the conduct of eligible activities in academic environments is emphasized. NSF 05-536 (Posted 12/22/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05536>

Deadline: 10/5/2005

AGRICULTURE

31-3 Sheep and Goat Industry Grant Initiative (USDA)

The National Sheep Industry Improvement Center (NSIIC) announces the availability of approximately \$300,000 in competitive grants for product or business development, producer information or education, marketing and promotion for sheep or goats or their products, genetic retention, and animal health. (FR 7/26/05)

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

Deadline: 10/14/2005

ARTS & HUMANITIES

31-4 Grants for Music Research and Preservation Projects (Grammy)

The Grammy Foundation was founded in 1989 to cultivate the awareness, appreciation, and advancement of the contribution of recorded music to American culture. With funding from the National Academy of Recording Arts & Sciences, the foundation annually offers support for research as well as archiving and preservation projects. Applications are invited to the following areas: Research Projects: Grants for organizations and individuals to support efforts that advance original research and implementation of projects related to music, such as teaching methodology in early childhood; the impact of music study on human development; and the medical and occupational well-being of music professionals. Archiving and Preservation Projects: Grants for organizations and individuals to support efforts that advance the archiving preservation of the music and recorded sound heritage of the Americas.

URL: <http://www.grammy.com/foundation>

Deadline: 10/1/2005

31-5 Landmarks of American History and Culture: Workshops for School Teachers (NEH)

As part of its We the People initiative, NEH seeks proposals for a series of one-week residence-based workshops for K-12 educators that use historic sites to address central themes and issues in American history, government, literature, art history, or other related subjects in the humanities. The goals of the workshops are to: provide teachers with training and experience in the use and interpretation of historical sites and the material resources and archival evidence of American history and culture; increase knowledge and appreciation of places significant to American history and culture; and encourage historical sites to develop greater capacity and scale for professional development programs.

URL: <http://www.neh.gov/grants/guidelines/landmarks.html>

Deadline: 10/10/2005

31-6 Fellowships for Creative and Performing Artists and Writers (AAS)

The American Antiquarian Society in Worcester, Massachusetts, collects, preserves, and makes available for study the printed record of what is now the United States of America from first European settlement through the year 1876. AAS is calling for applications for visiting fellowships for historical research by creative and performing artists, writers, film

makers, journalists, and other persons whose goals are to produce imaginative, non-formulaic works dealing with pre-twentieth-century American history. Successful applicants are those whose work is intended for the general public rather than for academic or educational audiences. (RFP 5/13/05)

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

Deadline: 10/5/2005

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

31-7 AFRL Nanotechnology Initiative (DOD)

The Air Force Office of Scientific Research (AFOSR) announces a new opportunity for specific research in nanotechnology. The opportunity will be called the AFRL Nanotechnology Initiative and will cover research in the following five areas: 1) Multispectral Detector Arrays, 2) Chip Scale Optical Networks, 3) Compact Power for Space, 4) Nanoenergetics, and 5) Nanomaterials for Structures. Currently, white papers or preliminary proposals may be sent to appropriate program managers for future consideration. The AFRL Nanotechnology Initiative supports primarily single investigator and small group research. Teaming or coordination with AFRL investigators is encouraged. AFOSR BAA 2005-1 (FBO 8/17/05)

URL: <http://www.afosr.af.mil>

Deadline: 12/1/2005

31-8 Materials for Energy Efficient Industrial Processing (DOE)

This financial assistance is in support of the Energy Efficiency and Renewable Energy (EERE) strategic Plan Goal 6, Increase Energy Efficiency of Industry. Part of the EERE's Industrial Technology Program's (ITP) strategy in support of this goal is to support high-risk high-reward research and development to reduce energy intensity in U.S. industrial manufacturing and processing by working with industry partners. The projects to be selected under this funding opportunity announcement would focus on development of materials or materials processing methods for energy efficient industrial processing. Applications will be restricted to multiple-organization teams. The team must be comprised of at least one industrial organization. Collaborations involving educational institutions, industrial companies, and research organizations are encouraged. DE-PS36-05GO95011 (FG 7/7/05)

URL: <http://www.eere.energy.gov/golden/funding.html>

Deadline: 10/17/2005

31-9 Enhancing the Mathematical Sciences Workforce in the 21st Century (NSF)

The long-range goal of the EMSW21 program is to increase the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences and in other NSF-supported disciplines. EMSW21 tries to do this with three separate components: The Vertical Integration of Research and Education (VIGRE) program supports activities that involve the entire department and span the entire spectrum of educational levels from undergraduates through postdoctoral associates; Research Training Groups (RTG) support the training activities of a group of faculty who have a common research interest; Mentoring through Critical Transition Points (MCTP) involves a larger group of faculty but focuses on specified stages in the professional development of trainees. NSF 05-595 (Posted 7/1/05)

URL: <http://www.nsf.gov/pubs/2005/nsf05595/nsf05595.htm>

Deadline: 10/21/2005, 6/6/2006

31-10 Mathematical Sciences Postdoctoral Research Fellowships (MSPRF) (NSF)

The purpose of the Mathematical Sciences Postdoctoral Research Fellowships (MSPRF) is to support future leaders in the mathematical sciences by enabling them to participate in research environments that will have maximal impact on their future scientific development. There will be two options of awardees: Research Fellowship and Research Instructorship. Awards will be made for appropriate research in areas of the mathematical sciences, including applications to other disciplines. NSF 05-510

URL: <http://www.nsf.gov/pubs/ods/getpub.cfm?nsf05510>

Deadline: 10/19/2005

HEALTH & LIFE SCIENCES

31-11 Lung Cancer Discovery Award (ALA)

The American Lung Association and LUNGeVity Foundation are proud to announce a second competition for the Lung Cancer Discovery Award. This award was created in 2004 and is granted through a partnership between the American Lung Association and the LUNGeVity Foundation. This award(s) will provide funding for investigators seeking to develop novel medical treatments or a cure for lung cancer.

URL: <https://v2.ramscompany.com>

Deadline: 9/30/2005

31-12 Innate Immunity to NIAID Category B Protozoa (NIH)

This RFA invites applications for research projects to discover the cellular/molecular/biochemical mechanisms by which the mammalian innate immune system responds to the food and waterborne pro-

tozoa classified as NIAID Category B Priority Pathogens (*Cryptosporidium parvum*, *Cyclospora cayentanesis*, *Giardia lamblia*, *Entamoeba histolytica*, *Toxoplasma*, and *Microsporidia*). The rational development of adjuvants and immunotherapeutics to eukaryotic diseases will require a basic understanding of the underlying novel innate immune responses to these complex pathogens. This RFA will advance our understanding of the mechanisms of action by which the mammalian innate immune system reacts to the eukaryotic pathogens and produces a protective response. RFA-AI-05-042 (NIHG 7/8/05)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-05-042.html>

Deadline: Letters of Intent 10/24/2005; Applications 11/22/2005

INTERNATIONAL/MULTICULTURAL

31-13 International Research Fellowship Program (IRFP) (NSF)

The objective of the International Research Fellowship Program (IRFP) is to introduce scientists and engineers in the early stages of their careers to research opportunities abroad, thereby furthering NSF's goal of creating a diverse, competitive, and globally-engaged U.S. workforce of scientists, engineers, technologists and well-prepared citizens. These awards are available in any field of science and engineering research and education supported by NSF. Applications are submitted directly by the individual researcher, unlike standard NSF proposals that are submitted through the researcher's U.S. institutional representative. Applicants must: 1) be U.S. citizens or permanent residents as of the application deadline (Applicants who are permanent residents of the United States may not request a host site in their country of origin.); 2) have been awarded a Ph.D. within three years of the application deadline or expect to receive the doctoral degree by the start of the project. NSF 05-599 (Posted 7/12/05)

URL: <http://www.nsf.gov/pubs/2005/nsf05599/nsf05599.htm>

Deadline: 10/11/2005

31-14 Cooperative Activity in Materials Research between US Investigators and their Counterparts Abroad (MWN) (NSF)

Continued progress in materials research is increasingly dependent upon collaborative efforts among several different disciplines, as well as closer coordination among funding agencies and effective partnerships involving universities, industry, and national laboratories. In addition, because of the growing interdependence of the world's economies, partnerships are important not only at the national level but from an international point of view as well. The National Science Foundation is working jointly with counterpart national, regional and multinational funding organizations worldwide to enhance

opportunities for collaborative activities in materials research between US investigators and their colleagues abroad. Proposals submitted to NSF in response to this solicitation must have clear relevance to fundamental materials, phenomena, synthesis, characterization and/or properties. NSF will accept proposals from US universities and colleges addressing collaborations between researchers from the US and participating countries or regions. Concurrently, investigators at non-US research institutions should submit to the counterpart funding organization in their country or region a request for support of their side of the collaboration. NSF 05-594 (Posted 7/1/05)

URL: <http://www.nsf.gov/pubs/2005/nsf05594/nsf05594.htm>

Deadline: 10/17/2005

STUDENTS

31-15 STAR Fellowships for Graduate Environmental Study (EPA)

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is offering Graduate Fellowships for master's and doctoral level students in environmental fields of study. The deadline for receipt of pre-applications is October 18, 2005. Subject to availability of funding, the Agency plans to award approximately 100 new fellowships by July 21, 2006. Master's level students may receive support for a maximum of two years. Doctoral students may be supported for a maximum of three years, usable over a period of four years. CFDA #66.514

URL: http://es.epa.gov/ncer/rfa/2006/2006_star_fellow.html

Deadline: 10/18/2005

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