

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

24-1 Sloan Research Fellowships (Sloan)

The Sloan Research Fellowships were established in 1955 to provide support and recognition to young scientists, often in their first appointments to university faculties, who were endeavoring to set up laboratories and establish their independent research projects with little or no outside support. Candidates for Sloan Research Fellowships are required to hold the Ph.D. (or equivalent) in chemistry, physics, mathematics, computer science, economics, neuroscience, relevant fields in the biological science, or in a related interdisciplinary field, and must be members of the regular faculty (i.e. tenure track) of a college or university in the United States or Canada. They may be no more than six years from completion of the most recent Ph.D. or equivalent as of the year of their nomination, unless special circumstances such as military service, a change of field, or child rearing are involved or unless they have held a faculty appointment for less than two years.

URL: http://www.sloan.org/programs/fellowship_brochure.shtml

Deadline: 9/15/2004

24-2 Announcing the High Priority, Short-Term Project Award (R56)(NIH)

NIH announces the new NIH High Priority, Short-Term Project Award (R56). R56 grants will be awarded beginning in Fiscal Year 2005. The new R56 grant will fund, for one or two years, high-priority new or competing renewal R01 applications that fall just outside of the limits of funding of the participating NIH Institutes and Centers. Investigators may not apply for an R56 grant. Recipients of R56 awards will be selected by IC staff from R01 applications that fall at or near the payline margins. The R56 Award will provide limited, interim research support based on the merit of the pending application. NOT-OD-04-047 (NIHG 6/18/04)

URL: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-04-047.html>

Deadline: N/A

24-3 Digital Archiving and Long-Term Preservation (NSF)

The goal of this program is to stimulate

research that builds capabilities for long-term management and preservation of digital materials. This program will support both technical and sociotechnical research topics. Candidate topics include: scientific data such as astronomy and the human genome, government material such as drug-testing records, private for-profit media such as film and music recordings, and public documents such as those associated with the government rulemaking process. Content may include text, databases, electronic documents, images, sound, video and other object types. NSF 04-592 (Posted 6/16/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04592>

Deadline: 9/14/2004

EDUCATION

24-4 Inspiring the Next Generation of Earth Explorers; Integrated Solutions For K-16 and Informal Education (NASA)

The National Aeronautics and Space Administration (NASA) is announcing opportunities to participate in Earth Science Enterprise research and development activities focused on Earth Science Education. Innovative solutions for systematically increasing the usability of NASA Earth Science knowledge and date resources in science, technology, engineering, and mathematics (STEM) education are requested. Proposals are invited in three key areas: 1) increasing K-12 educator support for teaching Earth science and geography; 2) strengthening undergraduate institutional capacity in Earth system science and applications; and 3) enriching public scientific literacy about the Earth system and environment. Emphasis is placed on expanding program impact, particularly among underrepresented, underserved and disadvantaged populations. NN-H-04-ZYO-006-N (FG 6/15/04)

URL: http://www.earth.nasa.gov/no_flash.html

Deadline: Letters of Intent 7/29/2004; Applications 9/28/2004

24-5 Youth and Science Foundation (YSF)

Through a program of responsible investment (of contributions funds) in organizations meeting the needs of the American society in the areas of youth and scientific education, the Foundation strives to assist in deriving long term benefits for the communities in which it operates and the society as a whole. The Foundation defines youth as prenatal through twenty-one years of age. Scientific education encompasses both the physical and life sciences, mathematics, and environmental sciences.

URL: <http://www.hondacorporate.com/community/?subsection=foundation>

Deadline: 8/1/2004, 11/1/2004, 2/1/2005

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

24-6 Multidisciplinary Research Program of the University Research Initiative (DoD)

The Multidisciplinary University Research Initiative (MURI) program supports basic science and/or engineering research at institutions 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. The Fiscal Year (FY) 2005 MURI competition is specifically for twenty-six topics: 1) Cross-Disciplinary Approach to the Modeling, Analysis, and Control of Wireless Communications Networks; 2) Control of Networked Autonomous and Semi-Autonomous Vehicle Swarms Inspired by Nature; 3) Standoff Inverse Analysis and Manipulation of Electronic Systems (SIAMES); 4) Training for the Networked Battlefield; 5) Quantum Imaging; 6) Advanced Magnetic Resonance Force Microscopy to Single Nuclear Spin Detection; 7) Material Engineering of Lattice-Mismatched Semiconductor Systems; 8) Enabling Science for Future Force Insensitive Munitions; 9) Detection and Sensing Below the Shot Noise Limit; 10) Novel Dielectric Materials for High Pulsed Power Capacitors; 11) Multi-Energy Processing Science 12) Real-time Sensing, Prediction, and Response to Evolving Nonlinear Wave fields; 13) Materials Manufacturing Processes, Interface Control, and Reliability of Nanostructure-Enhanced Devices for Energy Conversion and Realization of High Performance Systems; 14) GaN Based mm-Wave Sources; 15) Exploitation of the Coherent Structures in River and Estuarine Flows for DoD Operations in Denied Areas; 16) Magnetic Detection Science and Technology; (7) Revolutionary Approaches to Hypersonic Materials; 18) Radically New Approaches for Robust Speech-to-Text; 19) Radiation Effects on Emerging Electronic Materials and Devices; 20) Extreme Light Material-Based Diagnostics; 21) Computational Modeling of Adversary Attitudes and Behaviors; 22) Water-Based Photo Biological Production of Hydrogen Fuel; 23) Waveform Diversity for Full Spectral Dominance; 24) Closed-Loop Aerodynamic Flow Control; 25) Multistage Electromagnetic (EM) and Laser Launchers for Affordable, Rapid Access to Space; and 26) Biomimetic Multifunctional Composites for Autonomic Aerospace Structures. BAA04-021 (FBO 6/17/04)

URL: <http://www.onr.navy.mil/02/baa>

**Deadline: Letters of Intent 8/12/2004;
Applications 11/18/2004**

24-7 Deep Underground Science and Engineering Program Planning and Technical Requirements (NSF)

This solicitation invites proposals to develop the scientific and engineering objectives and technical requirements for any areas of science and engineering that require the special characteristics of a deep underground environment. The separate Elements (experiments) should be grouped in Modules (groups of experiments that share basic infrastructural requirements) for a possible deep underground science and engineering laboratory. The primary purpose of this solicitation is to establish the site independent scientific and engineering benchmarks against which the capabilities of the candidate sites for an underground laboratory will be measured. No more than one proposal may be submitted by any one organization as the lead organization. Please contact Ted Knous, 532-6195, by July 16 if you wish to submit a proposal. NSF 04-595 (Posted 6/18/04)
URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04595>
Deadline: 9/15/2004

24-8 Opportunities for Enhancing Diversity in the Geosciences (NSF)

The primary goal of the Opportunities for Enhancing Diversity in the Geosciences (OEDG) program is to increase participation in the geosciences by African Americans, Hispanic Americans, Native Americans (American Indians and Alaskan Natives), Native Pacific Islanders (Polynesians or Micronesians), and persons with disabilities. A secondary goal of the program is to increase the perceived relevance of the geosciences among broad and diverse segments of the population. The OEDG program supports activities that will increase the number of members of underrepresented groups that: 1) Are involved in formal pre-college geoscience education programs; 2) Pursue bachelor, master, and doctoral degrees in the geosciences; 3) Enter geoscience careers; and 4) Participate in informal geoscience education programs. The OEDG Program consists of two tracks, Track 1: Proof-of-Concept Projects, and Track 2: Full-Scale Projects. NSF-02-104 (Posted 6/4/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04590>
**Deadline: Letters of Intent 9/14/2004;
Applications 10/18/2004**

24-9 Materials Research Sciences and Engineering Centers (NSF)

This program supports interdisciplinary materials research and education while addressing fundamental problems in science and engineering. MRSECs require outstanding research quality and intellectual breadth, provide support for research infrastructure and flexibility in responding to new opportunities, and strongly

emphasize the integration of research and education. These centers foster active collaboration between universities and other sectors, including industry, and they constitute a national network of university-based centers in materials research. Only two preliminary proposals may be submitted by any one organization as lead organization. Please contact Ted Knous, 532-6195, by August 2 if you wish to submit. NSF 04-580 (Posted 5/14/04)
URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04580>
**Deadline: Letters of Intent 9/8/2004;
Applications 1/24/2005**

HEALTH & LIFE SCIENCES

24-10 Innovative Grants (JRDF)

Juvenile Diabetes Research Foundation supports highly innovative basic and clinical research that is at the developmental stage by providing seed money for investigative work that can be accomplished in one year. Proposals are based on sound scientific hypotheses or technologies for which preliminary data are insufficient for a Regular Research Grant but have the potential to lead to interventions for type 1 diabetes and its complications.
URL: <http://www.jrdf.org/research/appguide.php>
Deadline: 8/15/2004, 1/15/2005

24-11 Innovative and Exploratory Research In Digestive Diseases and Nutrition (NIH)

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) and the National Cancer Institute (NCI) invites applications through the exploratory/developmental (R21) grant mechanism from investigators with research interests in gastroenterology, hepatology, obesity, and nutrition and that serve the mission of NIDDK and NCI. The aim of this program announcement is to stimulate the application of highly novel approaches to important areas of digestive diseases (including associated cancers) and nutrition research. This mechanism is primarily aimed at attracting and supporting new investigators in these research fields. PA-04-108 (NIHG 6/11/04)
URL: <http://grants.nih.gov/grants/guide/pa-files/PA-04-108.html>
Deadline: 10/1/2004, 2/1/2005, 6/1/2005

SOCIAL SCIENCES

24-12 Assets for Independence Demonstration Program (ACF)

The Administration for Children and Families, Office of Community Services (OCS) will accept applications from organizations seeking financial assistance to establish and administer Assets for Independence (AFI) Projects. These projects are designed to assist low-income people in becoming economically self-sufficient. They do so by helping clients learn about economic and consumer issues and establish matched savings accounts called Individual Development Accounts (IDA) in

order to save for a first home, a business, or higher education. HHS-2004-ACF-OCS-EI-0027 (FG 6/21/04)
URL: <http://www.acf.hhs.gov/grants/open/HHS-2004-ACF-OCS-EI-0027.html>
Deadline: 7/27/2004

24-13 Abe Fellowship (SSRC)

The Abe Fellowship is provided by the Social Science Research Council and the Japan Foundation Center for Global Partnership to encourage international multidisciplinary research on topics of pressing global concern. The objectives of the program are to foster high-quality research in the social sciences and the humanities; to build new collaborative networks of researchers around three thematic foci (global issues, problems common to industrial and industrializing societies, and issues that pertain to US-Japan relations); to bring new data and data resources to the attention of those researchers; and to obtain from them a commitment to a comparative or transnational line of inquiry.
URL: <http://www.ssrc.org/fellowships/abe>
Deadline: 9/1/2004

24-14 Family Violence Prevention and Services (ACF)

The Administration for Children and Families requests applications for its FY 2004 Family Violence Prevention and Services discretionary grants. The purpose of the priority areas is to support the collaborative planning and development of innovative, comprehensive and replicable services for responding to violence against women and men with disabilities. Projects funded under this priority area will address the needs of disabled persons in order to remove the barriers they face to accessing safety and justice. HHS-2004-ACF-ACYF-EV-0025 (FR 6/18/04)
URL: <http://www.acf.hhs.gov/programs/fysb>
Deadline: 7/19/2004

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