

# 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](mailto:bbpage@ksu.edu)

## GENERAL

### 28-1 Arctic Research Opportunities (NSF)

The National Science Foundation seeks proposals to conduct research in the Arctic and to perform related research and data analysis. Arctic research opportunities span disciplines and approaches. The goal is to gain a better understanding of the Earth's physical, biological, geological, chemical, social and cultural processes and the interactions of ocean, land, atmosphere, biological and human systems. Programs include: arctic natural sciences; arctic social sciences; arctic system science; arctic research support and logistics; arctic research and policy and arctic research and education programs. NSF 03-574

**URL:** <http://www.nsf.gov/pubs/2003/nsf03574/nsf03574.htm>  
**Deadline:** 8/30/2003, 2/15/2004

### 28-2 Nanoscale Science and Engineering (NSE) (NSF)

The National Science Foundation announces a program on collaborative research and education in the area of nanoscale science and engineering. The goal of this program is to support fundamental research and catalyze synergistic science and engineering research and education in emerging areas of nanoscale science and technology, including: biosystems at the nanoscale; nanoscale structures, novel phenomena, and quantum control; nanoscale devices and system architecture; nanoscale processes in the environment; multi-scale, multi-phenomena theory, modeling and simulation at the nanoscale; manufacturing processes at the nanoscale; and studies on the societal and educational implications of scientific and technological advances on the nanoscale. This solicitation will provide support for Nanoscale Interdisciplinary Research Teams (NIRT), Nanoscale Exploratory Research (NER), and Nanoscale Science and Engineering Centers (NSEC). An institution may submit no more than three proposals in response to the NER solicitation and one required preproposal as lead institution for the NSEC. Please contact Ted Knous, Associate Vice Provost for Research, 532-6195, [tknous@ksu.edu](mailto:tknous@ksu.edu), by September 1 if you are interested in submitting to either of these programs. NSF

03-043

**URL:** <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03043>  
**Deadline:** 10/22/2003

## AGRICULTURE

### 28-3 Biodiesel Fuel Education Program (USDA)

The Office of Energy Policy and New Uses, USDA, requests applications for the Biodiesel Fuel Education Program for FY 2003 to educate governmental and private entities that operate vehicle fleets, other interested entities, and the public about the benefits of biodiesel fuel use. It is the Program's goal to stimulate biodiesel demand and encourage the further development of a biodiesel industry in the US. (FR 07/15/03)

**URL:** <http://www.gpoaccess.gov/fr/index.html>  
**Deadline:** 8/14/2003

## EDUCATION

### 28-4 Learning Foundations Program (ED)

The Education Department invites applications for projects to provide for services that help children become ready for school. Projects must deliver services to eligible children and their families that foster children's emotional, behavioral and social development; coordinate and facilitate access by eligible children and their families to services available through community resources, including mental health, physical health, substance abuse and domestic violence prevention, child welfare and social services; and develop or enhance early childhood community partnerships and build toward a community system of care that brings together child-serving agencies or organizations to provide individualized supports for eligible children and their families. CFDA #84.215H (FR 06/26/03)

**URL:** <http://www.ed.gov/legislation/FedRegister>  
**Deadline:** 8/30/2003

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

### 28-5 Mission and Science Measurement Technology - 2004 (NASA)

This National Aeronautics and Space Administration (NASA) Research Announcement solicits proposals for crosscutting exploratory research and technology development in three major areas: 1) Advanced Measurement and Detection Technology—development of detector arrays, laser sources, and in situ micro-instruments; 2) Large Aperture

Technology—development of technologies for large optical systems, antennas, and wavefront control; 3) Low Power Microelectronics Technology—development of low power radiation tolerant microelectronics. NRA-03-OAT-01 (FBO 06/13/03)

**URL:** <http://research.hq.nasa.gov/>  
**Deadline:** Letters of Intent 8/18/2003;  
**Proposals** 10/3/2003

### 28-6 New Investigator Program in Earth Science (NASA)

The National Aeronautics and Space Administration is inviting applications for fiscal 2004 grants under the New Investigator Program in Earth Science, which supports the integration of Earth system science research and education by scientists and engineers early in their professional careers. The new investigator program emphasizes the social role of Earth science in such areas as climate variability and change, ecosystems and carbon cycle, weather research and natural hazards research and use of Earth science data and information to strengthen curricula and teaching in science, math, engineering and technology from kindergarten to postgraduate levels. NRA-03-OES-04

**URL:** [http://research.hq.nasa.gov/code\\_y/code\\_y.cfm](http://research.hq.nasa.gov/code_y/code_y.cfm)  
**Deadline:** 8/15/2003

### 28-7 Controlled Hydrogen Fleet and Infrastructure Demonstration (DOE)

The Energy Department is seeking proposals to support the White House hydrogen fuel initiative. Validation projects include the testing, demonstration, and validation of hydrogen fuel cell vehicles and infrastructure, and the required vehicle and infrastructure interfaces for complete system solutions. Projects should also include a comprehensive safety plan, development of codes and standards, and comprehensive educations and training campaign. (FR 5/15/03)

**URL:** [www.gpoaccess.gov/fr/index.html](http://www.gpoaccess.gov/fr/index.html)  
**Deadline:** 8/15/2003

### 28-8 Industrial Ecology Research (AT&T)

AT&T offers faculty fellowships to support academic research in the field of industrial ecology. This refers to a relatively new field which involves the study of industrial and economic systems, and their connection with natural systems. There's an emphasis on tying environmental considerations with industrial strategies. (FAM 06/05/03)

**URL:** <http://www.att.com/ehs>  
**Deadline:** 8/22/2003

### 28-9 Tools for Collaborations that