

## 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

### 11-1 Distance Education and Medical Link Grants (USDA)

The Department of Agriculture is inviting applications for distance learning and telemedicine projects serving rural America. In addition to grants, loans and grant-loan combinations are available. Funds can be used to acquire eligible equipment like inside wiring and computer hardware and software; acquisition of instructional programming; and provision of technical assistance and instruction for using eligible equipment, development of instructional programming, or engineering or environmental studies relating to the establishment or expansion of the phase of the project being financed with the grant. (FR 03/11/02)

URL: <http://www.usda.gov/rus/>

Deadline: Grant Applications 5/13/2002; Loan Applications 8/31/2002

### 11-2 Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (NSF)

The PAESEM Program seeks to identify outstanding mentoring efforts that enhance the participation of groups (i.e. women, minorities and persons with disabilities) that are underrepresented in science, mathematics, and engineering. The awardees serve as leaders in the national effort to develop fully the Nation's human resources in science, mathematics, and engineering. Only one application per institution (or for an individual at that institution) per competition is allowed. Please contact Ted Knous, Associate Vice Provost for Research, 532-6195, [tknous@ksu.edu](mailto:tknous@ksu.edu), by March 29 if you wish to submit a nomination. NSF 02-063

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02063>

Deadline: Internal 3/29/2002; 5/7/2002

## AGRICULTURE

### 11-3 Alpaca Research (ARF)

The Alpaca Research Foundation (ARF) was established to fund alpaca-related scientific research that will benefit alpaca breeders on national and international levels. ARF welcomes all proposals dealing with important aspects of alpaca health, husbandry, genetics and fiber.

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

Deadline: Internal 4/22/2002; 5/1/2002

## ARTS & HUMANITIES

### 11-4 Humanities Focus Grants (NEH)

The National Endowment for the Humanities makes Humanities Focus Grants to allow educators to consider together significant humanities topics or to map institutional directions for teaching the humanities. Funds may be used to pay for guest scholars and visiting consultants, for observation of model programs, for books and other materials, for logistical support, and especially for released time so that participants have time to read, think, write, and deliberate.

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

Deadline: 4/15/2002

### 11-5 Intercultural Public Private Fellows (STATE)

The State Department is seeking applications to bring together American and foreign arts practitioners in a reciprocal exchange to introduce American artists to foreign audiences and expose American audiences to artists from other parts of the world and other cultural arts traditions. Program activities include: an open merit-based recruitment and selection process; orientations, workshops and master classes; performances; reading; productions, screenings, exhibits and similar activities; community outreach and education activities; development and implementation of joint projects; monitoring and support; and evaluation. ECA/PE/C-02-27 (FR 02/28/02)

URL: <http://exchanges.state.gov/education/rfgps>

Deadline: 4/24/2002

## EDUCATION

### 11-6 Advanced Technological Education (NSF)

This program promotes improvement in technological education at the undergraduate and secondary school levels by supporting curriculum development; the preparation and professional development of college faculty and secondary school teachers; internships and field experiences for faculty, teachers, and students; and other activities. With an emphasis on two-year colleges, the program focuses on the education of technicians for the high-technology fields that drive our nation's economy. The program also promotes articulation between programs at two-year colleges and four-year colleges and universities—in particular, articulation between two-year and four-

year programs for prospective teachers (with a focus on activities and disciplines that have a strong technological foundation) and between two-year and four-year programs in science, technology, engineering, and mathematics (also with a focus on disciplines that have a strong technological foundation). NSF-02-035

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02035>

Deadline: Preliminary Proposals 4/24/2002, Full Proposals 10/16/2002

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

### 11-7 National Institute of Aerospace Research and Education Institute (NASA)

NASA is soliciting proposals for the establishment of the National Institute of Aerospace at Langley Research Center (LaRC). LaRC is soliciting proposals and implementing the Institute through the award of two instruments, a cooperative agreement and an Indefinite Delivery/Indefinite Quantity task order contract. The Institute will conduct leading edge aerospace and atmospheric sciences research and develop revolutionary new technologies by creating innovative, collaborative, synergistic partnerships among LaRC, academia, and industry; provide comprehensive graduate and continuing education in science and engineering; incubate and stimulate the commercialization of new intellectual property; and promote aerospace science and engineering and provide outreach to the region and nation. NRA-02-LARC-01

URL: <http://www.eps.gov/spg/NASA/LaRC/OPDC20220/NRA-02-LARC-01/Attachments.html>

Deadline: 4/30/2002

### 11-8 Advanced Technology for ATR and Sensor Applications (AIR FORCE)

Air Force Research Laboratory, Sensors Directorate (AFRL/SNAT) solicits research proposals for Advanced Technology for ATR and Sensor Applications (ATASA). The overall objective of this program is to develop key technologies required to support the SNATR Thrust, Innovative Algorithm Sub-Thrust R&D Programs. BAA-01-09-SNK

URL: <http://vsearch2.eps.gov/servlet/SearchServlet>

Deadline: 4/16/2002

### 11-9 Focused Research in Air Quality and Produced Water Management in Oil and Gas Exploration and Production (DOE)

The Department of Energy (DOE) National Energy Technology Laboratory (NETL), on behalf of its National Petro-

leum Technology Office (NPTO), is soliciting applications for cost-shared research projects that address specific air quality or produced water management issues faced by the oil and gas industry. The goal is to provide solutions to issues that are limiting domestic on-shore or off-shore production while providing the same or higher levels of environmental protection. DE-PS26-02NT15373

**URL:** <http://www.eps.gov/spg/DOE/PAM/HQ/DE-PS26-02NT15373/SynopsisP.html>

**Deadline:** 4/30/2002

#### **11-10 Developing Robust Components for Model Organism Databases (NIH)**

The National Human Genome Research Institute (NHGRI) and the National Institute of General Medical Sciences (NIGMS) propose to improve model organism databases by supporting the development of robust software components, called modules. Each module will perform a particular database function, in a way that is well documented, robust, potentially usable by more than one database, and compatible with standard data formats. These database modules will enhance existing model organism databases and will be useful for developing new ones. These shared modules will promote coordination and interoperability between databases. Eventually the modules could be used to create generic model organism databases that will be used by researchers to integrate genomic and generic information for additional organisms. RFA-HG-02-002 (NIHG 2/15/02)

**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-02-002.html>

**Deadline:** Letters of intent 4/17/2002; Applications 5/17/2002

#### **11-11 Predoctoral Training Program in the Neurosciences (NIH)**

The National Institutes of Health supports a predoctoral research training program in the neurosciences. The aim of the program is to encourage and support broad, early-stage (pre-thesis) training in the neurosciences by offering institutions a single comprehensive training grant. Applications may be submitted by domestic, non-profit, private or public institutions with organized predoctoral programs in the health sciences leading to doctoral degrees. Racial/ethnic minority individuals, women, and persons with disabilities are encouraged to apply as principal investigators. PAR-02-017

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-02-017.html>

**Deadline:** Letters of Intent 4/5/2002; Applications 5/10/2002

### **HEALTH & LIFE SCIENCES**

#### **11-12 Stem Cell Research for Alcohol-Related Disorders (NIH)**

The purpose of this RFA is to foster research on 1) the impact of alcohol exposure on embryonic and adult stem cell biology; 2) the capacity of stem cells to

replace tissues and/or restore function directly at sites of alcohol-induced organ and fetal damage in animal models; 3) the use of stem cells as a tool to further elucidate mechanisms of alcohol dependence and alcohol-related pathological conditions, such as brain degeneration, alcoholic liver disease, pancreatitis, and fetal alcohol syndrome; and 4) restoration of normal function in alcohol-damaged tissues using stem cells in combination with gene therapy. RFA-AA-02-010 (NIHG 3/15/02)

**URL:** <http://grants.nih.gov/grants/guide/rfa-files/rfa-aa-02-010.html>

**Deadline:** Letters of Intent 4/15/2002; Applications 5/15/2002

#### **11-13 Sunflower Foundation Health Care Grants (Sunflower)**

The new Sunflower Foundation has issued a Request for Proposals. The mission of the Foundation is to serve as a catalyst for improving the health of Kansans. Priorities are: Access to Health Care--focusing on health insurance, safety net, and workforce shortage; Disease Prevention and Health Promotion--focusing on obesity; and Aging--focusing on access to prescription drugs and caregiving strategies.

**URL:** <http://www.sunflowerfoundation.org>

**Deadline:** 4/15/2002

#### **11-14 Structural Biology of Membrane Proteins (NIH)**

The purpose of this program announcement is to encourage basic research on the structures of membrane proteins at atomic resolution. The techniques of x-ray or electron diffraction and of NMR spectroscopy are emphasized in this announcement, since they presently show the most promise for producing the most complete high resolution information for the largest number of proteins. However, other methods that can provide atomic resolution information in selected cases are also of interest. It is expected that many of the projects will be collaborative efforts between biochemists and molecular biologists with expertise in the isolation and characterization of membrane-bound proteins and biophysicists with expertise in x-ray crystallography, NMR, and other structural methods. A major aim of this program announcement is to stimulate such collaborations. PA-02-060 (NIHG 2/15/02)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-02-060.html>

**Deadline:** Applications 6/1/2002, 10/1/2002, 2/1/2003

#### **11-15 Cancer Therapy-Related Use of Genetically Engineered Mice (NIH)**

The goal of this program announcement is to encourage the use of genetically engineered mouse cancer models for cancer therapy-related goals. Mouse cancer-prone models with heritable genetic alterations are usually derived to explore mechanisms that underlie basic cancer or

tumor biology. Through in-depth phenotyping, these models are often discovered to have molecular genetic profiles and histopathology that are similar to the molecular signatures and tumor progression of human malignancies. Because of the similarities, the models may be appropriate to identify molecular targets for therapy or to test new molecularly targeted agents. The models may be credentialed with new agents through systematic preclinical trials to discover how well the mice mimic the clinical course of human cancer in response, or development of resistance, to therapy. Or the model strains may be used to discover the genetic determinants of response to therapeutic agents. PAR-02-051 (NIHG 2/1/02)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-02-051.html>

**Deadline:** 4/19/2002

### **SOCIAL SCIENCES**

#### **11-16 Prevention of Elder Abuse, Neglect and Exploitation (PEANE) (KS)**

The Kansas Department on Aging is accepting proposals for Special Project Grants for the Prevention of Elder Abuse, Neglect and Exploitation (PEANE). The proposals should provide either education/training, research for the prevention of elder abuse, neglect, exploitation, or a study of the nature or extent of financial exploitation of older individuals. Priority consideration will be given to applicants who propose training for individuals, caregivers, professionals, paraprofessionals, or law enforcement personnel.

**Deadline:** 4/22/2002

R. W. Trewyn, Vice Provost for Research & Dean of the Graduate School

Ted Knous, Associate Vice Provost, Tech Transfer and Research

Yvonne Bachura, Secretary

Jim Guikema, Associate Vice Provost, Graduate Research

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