

# 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

### 37-1 First Awards (KS/EPSCoR)

Kansas NSF Experimental Program to Stimulate Competitive Research (EPSCoR) is requesting proposals from tenure track faculty early in their careers. First Awards are designed to help early career faculty become competitive for funding from the research directorates at the National Science Foundation by: 1) encouraging early career faculty to submit proposals to the NSF as soon as possible after their first faculty appointment, and 2) by accelerating the pace of their research and the quality of their proposal submission to the NSF by providing funds for supplies, equipment, research assistants, postdoctoral fellows, summer salary, and other items that support the research objective. Applicants should be within the first three years of his/her faculty appointment.

URL: <http://www.nsfepscor.ku.edu>

Deadline: Letters of Intent 11/15/2002,  
Applications 2/5/2003

### 37-2 Fundamental Technologies for Development of Biomolecular Sensors (NIH)

The NCI/NASA Fundamental Technologies for the Development of Biomolecular Sensors Program is soliciting projects to develop the fundamental elements of technology systems or system components that will measure, analyze, and manipulate molecular processes at appropriate scale in the living body. The discoveries from this program are intended to enable the development of complete systems for the in vivo sensing of signatures of pathologic cell types or closely associated microenvironmental factors that provide a seamless interface between sensing/detection and delivery of signature-specific intervention. N01-CO-27042-32

URL: <http://rcb.cancer.gov/rcb-internet/appl/rfp/27042/toc.pdf>

Deadline: 11/1/2002

### 37-3 Multidisciplinary Research (DOD)

The Multidisciplinary Research Program (MURI), is one element of the University Research Initiative (URI). The MURI program supports basic science and engineering research 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 FY03 MURI competition is specifically for the following twelve (12) topics: 1) Minimal Organotypic Cell Systems; 2) Self-Assembling Multifunctional Ceramic Composites; 3) Fundamental Theoretical/Experimental Molecular Science Underpinning Fuel Cell Systems; 4) Integrated Artificial Muscle, High-Lift Bio-Hydrodynamic and Neuro-Control for Biorobotic Autonomous Undersea Vehicles; 5) Direct Thermal to Electric Energy Conversion; 6) Image Processing Sensors for Autonomous Vehicles, Robotics, and Remote Sensing; 7) Hybrid Inferencing from Fused Information; 8) Biologically Enabled Synthesis of Ceramic Microdevices; 9) Active-Vision for Control of Agile Maneuvering Aerial Vehicles in Complex 3-D Environments; 10) Direct Nanoscale Conversion of Biomolecular Signals into Electronic Information; 11) Synthesis of Long-Chained Sequence-Controlled Heteropolymers; 12) Laboratory Instrumentation Design Research. Sol. 02-025 (FBO 7/18/02)  
URL: <http://www.onr.navy.mil>  
Deadline: 1/20/2002

### 37-4 Margins (NSF)

The MARGINS research program has been formulated to understand the complex interplay of processes that govern continental margin evolution globally. Mechanical, chemical, biological and fluid processes act in concert to govern the initiation, evolution and eventual destruction of continental margins, as well as the accumulation of resources in these regions. NSF 02-110

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02110>

Deadline: 11/1/2002

## AGRICULTURE

### 37-5 Private Stewardship Grants (DOI)

The Interior Department's Fish and Wildlife Service is seeking applications to support private conservation activities that benefit endangered or threatened species. Organizations such as land conservancies and community organizations working with private landowners on conservation efforts also may apply, and counties, local governments and state supported universities may apply for funds to assist private landowners in planning and implementing a project. Projects must benefit species listed as endangered or threatened under the Endangered Species Act. (FR 10/01/02)  
URL: [http://endangered.fws.gov/grants/private\\_stewardship.html](http://endangered.fws.gov/grants/private_stewardship.html)  
Deadline: 12/2/2002

## EDUCATION

### 37-6 Upward Bound Math/Science (ED)

The Education Department is inviting applications under the Upward Bound program to prepare high school students for postsecondary education that leads to careers in math and science. ED will give priority to projects that serve students at risk of not succeeding in higher education because of few credits or poor performance in math and science courses.

CFDA #84.047M (FR 09/20/02)

URL: <http://www.ed.gov/legislation/FedRegister>

Deadline: 11/22/2002

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

### 37-7 High Efficiency Distributed Lighting HEDLight (DOD)

DARPA's Advanced Technology Office (ATO) is soliciting proposals for innovative concepts relating to the development of High Efficiency Distributed Lighting (HEDLight) including high efficiency full spectrum light sources, coupling optics, optical-fiber-luminaries, and integrated fiber-illuminators. The program objective is to enable significant reductions in platform vulnerability through the use of remote source lighting, particularly on Naval warships, with a secondary emphasis on enabling improved visual acuity of the warfighter. DAAH01-02-R-RB04 (FBO 09/26/02)

URL: <http://www.darpa.mil/ato/solicit.htm>

Deadline: 11/12/2002

### 37-8 University Strategic Partnership (DOD)

The Defense Threat Reduction Agency (DTRA) intends to establish long-term strategic partnerships with several colleges/universities. The purpose of these partnerships will be to provide DTRA additional research and development capabilities, and to foster critical skills needed by the Department of Defense in the science, engineering and business communities. DTRA's strategic partnership objectives are to obtain new ideas, perspectives and independent views related to the DTRA mission and business functions. Prospective universities will be expected to demonstrate capability in two or more of the following topic areas: Combat Support, Technology Development, Threat Control, Threat Reduction, and Agency Support Functions. DTRA01-02-R-0033 (FBO 09/25/02)

URL: <http://www.dtra.mil>

Deadline: 11/11/2002

### 37-9 Advanced Information Systems Technology (NASA)

The National Aeronautics and Space Administration (NASA) intends to solicit proposals in support of the Earth Science Enterprise's Advanced Information Systems Technology (AIST) Program. This NRA solicits both hardware and/or software technology proposals in any of the following four information system technology categories: 1) On-board satellite data processing; 2) Space-based communication networks; 3) Mission automation; 4) High and computing technologies for modeling. NRA-02-OES-04 (FBO 08/26/02)

URL: <http://research.hq.nasa.gov/research.cfm>

Deadline: 11/8/2002

### 37-10 Digital Government (Dig Gov) (NSF)

Government is a major collector and provider of data and information, provider of information-based services and user of information technologies. The research goals of the Digital Government Program are to support: 1) multi-disciplinary and multi-sector partnerships of researchers in information technologies and government agencies at all levels in order to foster collaboration among societal sectors, and 2) research on the relationships between the design and use of information technologies on: 1) forms, processes, and outcomes of democracy, 2) government organizational forms, learning, and adaptation, 3) new forms of government-government collaboration, 4) citizen/government interaction, and 5) other social/political science research related to IT and government. NSF-02-156

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02156>

Deadline: 11/7/2002

## HEALTH & LIFE SCIENCES

### 37-11 Planning Grants for Regional Centers of Excellence for Biodefense and Emerging Infectious Diseases Research (NIH)

The National Institute of Allergy and Infectious Diseases (NIAID) invites planning grant applications (U56) to support planning for and development of applications (U54) to the Regional Centers of Excellence for Biodefense and Emerging Infectious Diseases Research (RCE) Program. The overall goal of this RFA is to support planning, research program initiation, and resource acquisition that could lead to the establishment of a regional center, whose purpose is to develop and maintain the research and development response capacity to rapidly evaluate and counter new bioterrorism or emerging infectious disease events. RFA AI-02-050 (NIHG 10/04/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-02-050.html>

Deadline: Letters of Intent 11/15/2002, Applications 1/15/2003

### 37-12 Regional Centers of Excellence for Biodefense and Emerging Infectious Diseases Research (RCE) (HHS)

The National Institute of Allergy and Infectious Diseases (NIAID) invites applications (U54) for funds to develop Regional Centers of Excellence (RCE) in areas related to Biodefense and Emerging Infectious Diseases Research. This program will provide funds for start up and developmental activities that will lead to RCE applications. The overall goal of the RCE Program is to develop and maintain strong infrastructure and multifaceted research and development activities that will provide the scientific information and translational research capacity to make the next generation of therapeutics, vaccines and diagnostics against the CDC Category A-C Agents with particular emphasis on Category A. NIHG 02/02/02; AI-02-031

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-02-031.html>

Deadline: Letters of Intent 11/15/2002, Applications 1/15/2003

### 37-13 Food and Waterborne Diseases Integrated Research Network (HHS)

The Division of Microbiology and Infectious Diseases (DMID) of the National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH), is re-competing and expanding their program on enteric diseases research currently contracted with the University of Maryland. This will be a multiple award solicitation. This RFP solicits proposals for research units in the Food and Waterborne Diseases (FWD) Integrated Research Network (IRN). The FWD IRN will facilitate the integration of research programs to develop products to rapidly identify, prevent, and treat food and waterborne disease that threaten public health. The FWD IRN will: 1) evaluate vaccines, therapeutics, and rapid detection methods; 2) integrate human mucosal immunity with clinical research; 3) increase research and product development activities, and 4) include the ecology and microbiology of food-and-waterborne zoonoses as well as drug-resistant pathogens. This RFP consists of four (4) parts: A- Microbiology Research Units, B- Immunology Research Units, C- Zoonoses Research Units, and D- Clinical Research Units. Offerors are not required to submit proposals for all parts; offerors may submit proposals for only one part, or for any combination of the four parts (A, B, C, and D). RFP-NIH-NIAID-DMID-03-04 (FBO 07/26/02)

URL: <http://www.niaid.nih.gov>

Deadline: 11/18/2002

### 37-14 Basic and Preclinical Research on Complementary and Alternative Medicine (CAM) (HHS)

The National Center for Complementary and Alternative Medicine (NCCAM) invites research grant applications to help stimulate the amount and elevate the quality of basic, mechanistic, and preclinical

research in all domains of CAM in order to provide a stronger foundation for ongoing and planned clinical studies. Chemists, physicists, psychologists, neuroscientists, endocrinologists, immunologists, geneticists, pharmacologists, and others in relevant fields of inquiry who are interested in applying their expertise and powerful contemporary technologies to help advance the science of CAM are encouraged to apply. PA-02-124 (NIHG 07/05/02)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-02-124.html>

Deadline: 2/1/2003, 6/1/2003, 10/1/2003

### 37-15 Basic and Clinical Approaches to Controlling Human Respiratory Pathogens (NIH)

This RFP from the National Institute of Allergy and Infectious Diseases solicits proposals for respiratory pathogens research units to support the infection prevention program of the Respiratory Diseases Branch, DMID. Separate proposals are solicited for separate parts of this solicitation: Part A- Bacterial Respiratory Pathogens Research Unit (BRPRU); and Part B- Viral Respiratory Pathogens Research Unit (VRPRU). An offeror may respond to either Part A or Part B, or both. It is anticipated that a total of three contracts will be awarded to successful offerors demonstrating capability of responding to the requirements of this solicitation. NOT-AI-02-041 (NIHG 07/26/02)

URL: <http://grants.nih.gov/grants/guide/notice-files/NOT-AI-02-041.html>

Deadline: 11/18/2002

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

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