

# Funding Bulletin

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

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## Program Information

To receive program information, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: [bbpage@ksu.edu](mailto:bbpage@ksu.edu)

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## Limited Submissions

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Dr. Jim Guikema, Associate Vice Provost for Research, is the internal coordinator for limited submission programs. Please notify him at 785-532-6195, email: [guikema@ksu.edu](mailto:guikema@ksu.edu), by the Internal due date listed in the Funding Bulletin or by at least two months prior to the sponsor deadline if you wish to submit to a limited submission program. Currently posted Internal Deadlines: <http://www.k-state.edu/research/funding/bulletins/bul09/limits09/index.htm>

## GENERAL

### 8-1 New Methodologies for Natural Products Chemistry (R01) (NIH)

This initiative, a component of the NIH Molecular Libraries (ML) Roadmap program (MLP), will support the development of new methodologies for natural products (NP) chemistry. The long-term goal is to reinvigorate the investigation of nature as a prolific source of bioactive small molecules with the potential to probe the roles of a wide range of proteins in cellular processes, and/or be developed into new drugs. RFA-RM-09-005 (NIHG 12/12/08)  
**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-09-005.html>  
**Deadline: Letters of Intent 4/17/2009; Applications 5/14/2009**

### 8-2 Ridge 2000 (NSF)

Ridge 2000 is a science initiative focused on integrated geological, biological, and geochemical studies of the Earth-encircling mid-ocean ridge system. The first phase of the Ridge 2000 program involved integrated field, laboratory, and modeling studies of three representative, but geographically limited study sites. With this solicitation, Ridge 2000 moves into its integration and synthesis phase where

results from previous and on-going interdisciplinary field expeditions and laboratory studies are to be brought to bear on advancing our conceptual and quantitative understanding of mid-ocean ridge systems and the processes that link geological, geophysical, geochemical, hydrothermal, and biological processes. (GG 1/7/09) NSF 09-527

**URL:** <http://www.nsf.gov/pubs/2009/nsf09527/nsf09527.htm>

**Deadline: 4/7/2009**

## ARTS & HUMANITIES

### 8-3 Program for Cultural Cooperation (Spain)

The upcoming deadline for applications for grants from the Program for Cultural Cooperation is rapidly approaching. Funding is available for the following categories: 1) Visiting Professors; 2) Individual Research; 3) Publications; 4) Dissemination and Study of Spanish Cinema; 5) Symposia and Seminars; 6) Subsidies for Professional Associations; 7) Dissemination of Spanish Culture through the Arts.

**URL:** <http://www.umabroad.umn.edu/pcc/>

**Deadline: 4/1/2009**

### 8-4 Digital Humanities Start-Up Grants (NEH)

The National Endowment for the Humanities (NEH) and the Institute of Museum and Library Services (IMLS) invite applications to the Digital Humanities Start-Up Grants program. This program is designed to encourage innovations in the digital humanities. Digital Humanities Start-Up Grants may involve research that brings new approaches or documents best practices in the study of the digital humanities; planning and prototyping new digital tools for preserving, analyzing, and making accessible digital resources, including libraries' and museums' digital assets; scholarship that examines the philosophical implications and impact of the use of emerging technologies; innovative uses of technology for public programming and education utilizing both traditional and new media; and new digital modes of publication facilitating the dissemination of humanities scholarship in advanced academic as well as informal or formal educational settings at all academic levels. (GG 1/8/09)

**URL:** <http://www.neh.gov/grants/grantsbydivision.html#odh>

**Deadline: 4/8/2009**

## EDUCATION

### 8-5 Tommy Hilfiger Corporate

### Foundation (Hilfiger)

The Tommy Hilfiger Corporate Foundation, Inc. believes education is the cornerstone for today's youth. For America to remain competitive in the global marketplaces, they believe a stronger emphasis should be placed on exposing youth to experiences in education and career-related opportunities. By focusing on preparing students for the demands of today's global society, their goal is to be a major force in improving education. (FAM 2/6/09)

**URL:** <http://www.tommy.com/opencms/opencms/corporate/foundation/>

**Deadline: 4/1/2009, 10/1/2009**

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

### 8-6 Monitoring/Verification/Accounting (MVA), Simulation, and Risk Assessment of Carbon Dioxide (CO<sub>2</sub>) Sequestration in Geologic Formations (DOE)

This FOA is specifically focused on development and successful application of innovative, advanced technology and protocols for: 1) monitoring, verification, and accounting (MVA) of CO<sub>2</sub> sequestration in geologic formations; 2) simulating the behavior of geologically-sequestered CO<sub>2</sub>; and 3) conducting risk assessments associated with geologic CO<sub>2</sub> sequestration activity. Integrating the advanced MVA, simulation, and risk assessment technologies and protocols will address the future CO<sub>2</sub> management needs of coal based electric power generating facilities. The specific objectives of the FOA are to develop technologies and protocols that will significantly improve our ability to: Monitor the movement of CO<sub>2</sub> into, through, and out of the targeted geologic storage area; Verify the location of CO<sub>2</sub> that has been placed in geologic storage; Account for the entire quantity of CO<sub>2</sub> that has been transported to geologic storage sites; Mathematically simulate the placement, storage, movement, and release of carbon dioxide (CO<sub>2</sub>) into, through, and from geologic formations; and Assess the risks associated with the placement of the CO<sub>2</sub> in geologic formations and the potential release of CO<sub>2</sub> from these formations after it is stored. DE-FOA-0000023 (GG 2/18/09)

**URL:** <http://www07.grants.gov>

**Deadline: 4/17/2009**

### 8-7 Measurement, Science and Engineering Research Grants Programs; Availability of Funds (DOC)

The National Institute of Standards and Technology (NIST) announces that the following programs are soliciting applications for financial assistance for FY 2009: 1) The Electronics and Electrical Engi-

neering Laboratory Grants Program; 2) the Manufacturing Engineering Laboratory Grants Program; 3) the Chemical Science and Technology Laboratory Grants Program; 4) the Physics Laboratory Grants Program; 5) the Materials Science and Engineering Laboratory Grants Program; 6) the Building Research Grants and Cooperative Agreements Program; 7) the Fire Research Grants Program; 8) the Information Technology Laboratory Grants Program; 9) the NIST Center for Neutron Research Grants Program; and 10) Center for Nanoscale Science and Technology Grants Program. (FR 2/20/09)

**URL:** <http://www.grants.gov>  
**Deadline: Open until 6/1/2009**

### 8-8 Cosmochemistry (NASA)

The Cosmochemistry Program supports investigations of extraterrestrial materials that are aimed at understanding the geochemistry of the Solar System bodies (planets, satellites, including the Earth's Moon, and small Solar System bodies). The goal of this program is to support research projects that increase the understanding of the chemical origin of the Solar System and the processes by which its planets and small bodies have evolved to their present states. NASA is particularly interested in proposals for sample-focused research projects that closely support its missions for exploring the Solar System or that contribute to the development of future missions. Individual investigations may contribute new data, analyze and synthesize existing data, or combine both kinds of activities. NNH09ZDA001N-COS (GG 2/19/09)

**URL:** <http://nspires.nasaprs.com>  
**Deadline: Notices of Intent 3/20/2009;**  
**Proposals 5/15/2009**

### 8-9 Microsystems Technology Office-Wide Broad Agency Announcement (DARPA)

The Microsystems Technology Office's (MTO) mission is to exploit breakthroughs in materials, devices, circuits, and mathematics to develop beyond leading edge Microsystems components with revolutionary performances and functionality to enable new platform capability for the Department of Defense. MTO supports revolutionary research in electronics, photonics, MEMS, algorithms, and combined Microsystems technology to deliver new capabilities to sense, communicate, energize, actuate, and process data and information for the war fighter. This BAA is primarily, but not solely, intended for early stage research that will lead to larger, focused, MTO programs in the future. DARPA-BAA-09-25 (GG 2/17/09)

**URL:** <http://www.darpa.mil/mto/solicitations/index.html>  
**Deadline: 2/17/2010**

### 8-10 High-End Computing University Research Activity (NSF)

In 2009, the High-End Computing Uni-

versity Research Activity (HECURA) program invites research and education proposals in the areas of I/O, file and storage systems design for efficient, high-throughput data storage, retrieval and management in cases where HEC systems comprise hundreds-of-thousands to millions of processors. Research areas of interest include, but are not limited to: I/O architectures and I/O middleware; archives/backups as extensions to file systems; file systems research and file systems-related protocols; metadata research; access methods; data management systems; security; novel storage devices for the I/O stack; Quality of Service; management, and reliability and availability at scale (RAS); hardware and software tools for design and simulation of I/O, file and storage systems; and efficient benchmarking, tracing, performance measurement and tuning tools of I/O, file and storage systems. NSF 09-530 (GG 1/14/09)

**URL:** <http://www.nsf.gov/pubs/2009/nsf09530/nsf09530.html>  
**Deadline: 4/15/2009**

### 8-11 CISE Pathways to Revitalized Undergraduate Computing Education (CPATH) (NSF)

As computing becomes more important in all sectors of society, so does the preparation of a globally competitive U.S. workforce able to apply core computing concepts, methods, technologies, and tools- referred to here as Computational Thinking (CT)- to a broad range of societal challenges and opportunities. The goals of the program are to: contribute to the development of a globally competitive U.S. workforce with CT competencies essential to U.S. leadership in the global innovation enterprise; increase the number of students developing CT competencies by infusing CT learning opportunities into undergraduate education in the core computing fields—computer and information science and engineering, and in other fields of study; and, demonstrate transformative CT-focused undergraduate education models that are repeatable across a variety of institutions. NSF 09-528

**URL:** <http://www.nsf.gov/pubs/2009/nsf09528/nsf09528.html>  
**Deadline: 4/28/2009, 4/22/2010**

## HEALTH & LIFE SCIENCE

### 8-12 Neurofibromatosis Research Program Exploration-Hypothesis Development and New Investigator Awards (DOD)

The Neurofibromatosis Research Program (NFRP) was established to promote the understanding, diagnosis, and treatment of neurofibromatosis. The NFRP Exploration-Hypothesis Development Award supports the initial exploration of innovative, untested, high-risk, high-gain, and potentially groundbreaking concepts in the neurofibromatosis and/or Schwannomatosis research fields. The NFRP New Investigator Award (NIA) is to support the career transition and/or continued

development of promising independent investigators in the field of neurofibromatosis research. W81XWH-09-NFRP-EHDA (GG 2/2/09)

**URL:** <http://cdmrp.army.mil>

**Deadline: Preapplications 3/24/2009;**  
**Applications 4/14/2009**

### 8-13 The Role of Cardiomyocyte Mitochondria in Heart Disease: An Integrated Approach (R01) (NIH)

The National Heart, Lung, and Blood Institute (NHLBI) invites applications for collaborative research projects to develop an integrated understanding of cardiomyocyte mitochondria and its contributions to myocardial adaptations and heart disease progression by combining functional data with information derived from powerful new technologies. RFA-HL-10-002 (NIHG 9/26/08)

**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-10-002.html>  
**Deadline: Letters of Intent 4/20/2009;**  
**Applications 5/19/2009**

## SOCIAL SCIENCES

### 8-14 NIJ FY09 Crime and Justice Research (DOJ)

The National Institute of Justice (NIJ) provides objective, independent, evidence-based knowledge and tools to enhance the administration of justice and public safety. NIJ is seeking applications for funding of social and behavioral research on, and evaluations related to, crime and justice topics relevant to State and/or local criminal and juvenile justice policy and practice. NIJ has identified several priority research areas for Fiscal Year 2009: Predicting Crime; Emerging Crime; Human Trafficking; Re-entry; Preventing Crime Related to Gangs; Improving the Criminal Justice System: Prosecution and Defense; and Reduction of Correctional Populations. NIJ-2009-2007 (GG 2/9/09)

**URL:** <http://www07.grants.gov>  
**Deadline: 4/9/2009**

R. W. Trewyn, Vice President for Research

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