

# FUNDING ALERT

JANUARY 30, 2006

(Volume 12, Number 4)

## FUNDING NEWS

### 2006-2007 Graduate Teaching Mini-Grants Information Session

The **Graduate School** awards several *Teaching Mini-grants* (\$1,500 stipend plus \$500 for project expenses) to foster the professional development of graduate students as effective teachers. Each project should focus on departmental concerns and interests and must identify a faculty adviser. Past projects have included monthly seminars, CDs of teaching reference materials, model courses, and lab manuals. Deadline: **Mar. 1**.

A *Teaching Mini-Grant Information Session* will be held on **Jan. 30, 3:00 pm - 4:30 pm**, in the Breedlove Room in Perkins Library. The session will feature reports from current mini-grant recipients as well as instructions for application and funding information.

WEB LINK [http://www.gradschool.duke.edu/professional\\_development/teaching\\_mini-grant\\_program/](http://www.gradschool.duke.edu/professional_development/teaching_mini-grant_program/)

## FUNDING OPPORTUNITIES

Listed below are funding opportunities in the following categories: Arts & Humanities, Community Development, Curriculum Development, Environmental & Life Sciences, Graduate Funding, Health Sciences, International Opportunities, Multidisciplinary, Physical Sciences & Engineering, Postdoctoral Funding, and Social Sciences. Please call ORS or the telephone numbers listed with each announcement for more information.

### Arts & Humanities

#### NEH Summer Seminars and Institutes

The **National Endowment for the Humanities** seeks applications for the *Summer Seminar and Institute* program. These grants support national faculty development programs in the humanities for school teachers, and for college and university teachers. Seminars and institutes may be as short as two weeks or as long as six weeks. The duration of a program should allow for full and thorough treatment of the topic. Seminars and institutes may be hosted by colleges, universities, school systems, learned societies, centers for advanced study, libraries or other repositories, and cultural or professional organizations. The host site must be appropriate for the project, providing facilities for scholarship and collegial interaction.

NEH invites applications for *Rediscovering Afghanistan*, a special initiative designed to promote research, education, and public programs about Afghanistan and to encourage US institutions to assist Afghanistan in efforts to preserve and document its cultural resources. Deadline: **Feb. 1** (optional preliminary proposal), **Mar. 1** (proposal).

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7614>. *Grants.gov*, January 13, 2006.

#### Landmarks of American History and Culture: Workshops for Schoolteachers

As part of its *We the People* initiative, the **National Endowment for the Humanities** seeks proposals for a series of one-week residence-based workshops for K-12 educators that use historic sites to address central themes and issues in American history, government, literature, art history, or other related subjects in the humanities. Workshops should be held at or near sites

important to American history and culture (e.g., presidential residences or libraries, Colonial-era settlements, major battlefields, historic districts, and sites associated with major writers or artists). Workshops should be academically rigorous, involve leading scholars as lecturers or seminar leaders, and include interactions with master teachers to help participants develop lessons plans, classroom resources, or a research paper. Institutions or organizations that may host workshops include community colleges, universities, four-year colleges, learned societies, libraries or other repositories, centers for advanced study, cultural organizations, or professional associations. NEH expects host institutions to provide facilities conducive to scholarly research, discussion, and interaction. Host institutions should arrange adequate housing for participants, which participants pay for from the stipends provided to them as part of the Landmarks Workshop grant. Deadlines: **Feb. 15** (optional preliminary proposal), **Mar. 15** (proposal).

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7612>. *Grants.gov*, January 13, 2006.

Also see this listing:

- **Grants for Artists and Arts Organizations Impacted by Hurricanes**
- **Grants for Arts Nonprofits Working to Preserve African American Arts and Culture**
- **International Gerda Henkel Prize for Outstanding Research in the Historical Humanities**
- **Mellon Research Fellowships for Central and Eastern European Post-Doctoral Scholars in Yemen 2006-2007**

## Community Development

### Fund for Wild Nature Proposals Request

The **Fund for Wild Nature** provides money for campaigns to save and restore native species and wild ecosystems, including actions to defend wilderness and biological diversity. The fund supports advocacy, litigation, public policy work, development of citizen science, and similar endeavors. The fund does not support basic scientific research, private land acquisition, individual action or study, or conferences. The fund will only support media projects that have a clear strategic value and a concrete plan for dissemination of the final product. Deadlines: **Feb. 3, Apr. 28, Nov. 3**.

WEB LINK. <http://www.fundwildnature.org/proposal.html> *The Foundation Center RFP Bulletin*, January 20, 2006.

### Grants for Arts Nonprofits Working to Preserve African American Arts and Culture

The **Edler G. Hawkins Foundation** invites applications from nonprofit arts organizations working to *Preserve African American Arts and Culture* through youth education and community outreach programs. Funds are available for general operating or project support. In general, grants will range from \$1,500 to \$10,000. Deadline: **Feb. 17**.

WEB LINK. <http://www.eghf.org/grantapp2006.htm> *The Foundation Center RFP Bulletin*, January 20, 2006.

### Dollar General Literacy Foundation Grants

The **Dollar General Literacy Foundation** provides *Grants* to nonprofit organizations dedicated to the advancement of literacy. The foundation will award grants in Adult Literacy and Family Literacy Instruction. Family literacy programs must have the following components:

Adult education instruction; Children's education; Parent and child together time (PACT); and, Parenting classes that teach parents to be the primary teacher for their child. Deadline: **Feb. 17**.

WEB LINK. <http://www.dollargeneral.com/community/dgliteracy.aspx> *The Foundation Center RFP Bulletin, January 20, 2006.*

### **Early Reading First Program**

The **Department of Education** seeks applications for the *Early Reading First Program*. This program supports local efforts to enhance the oral language, cognitive, and early reading skills of preschool-age children, especially those from low-income families, through strategies, materials, and professional development that are grounded in scientifically based reading research.

Deadlines: **Feb. 20** (pre-application), **May 8** (full application).

WEB LINK

<http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/06-446.htm>. *Federal Register, January 18, 2006.*

### **Lance Armstrong Foundation Community Program Grants**

The **Lance Armstrong Foundation** (LAF) supports community-centered initiatives that address the physical, emotional, and practical challenges of cancer survivorship through its *Community Program*. The program awards planning, implementation, and evolution grants to community nonprofit organizations to serve the needs of people living with cancer. The LAF also offers its Community Program partners regular training, technical assistance, and the opportunity to discuss challenges and exchange best practices at an annual Community Program conference.

- Planning grants will be awarded in the amount of up to \$10,000 for six months or a year.
- Implementation grants will be awarded in the amount of up to \$25,000 per year for up to two years.
- Evolution grants will be awarded in the amount of up to \$100,000 over two years or up to \$150,000 over three years. Deadline: **Mar. 1**.

WEB LINK.

[http://www.livestrong.org/site/c.jvKZLbMRIsG/b.739125/k.B55D/Community\\_Program.htm](http://www.livestrong.org/site/c.jvKZLbMRIsG/b.739125/k.B55D/Community_Program.htm) *The Foundation Center RFP Bulletin, January 20, 2006.*

### **Gaining Early Awareness and Readiness for Undergraduate Programs (Partnership Grants)**

The **Department of Education** seeks applications for *Gaining Early Awareness and Readiness for Undergraduate Programs* (GEAR UP). The purpose of the GEAR UP program is to support early college preparation and awareness activities for low-income students. The Department of Education expects to award 20 grants from an estimated total program funding of \$24,500,000. Deadline: **Mar. 9**.

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7716>. *Grants.gov, January 23, 2006.*

### **Grants for Artists and Arts Organizations Impacted by Hurricanes**

The **Louisiana Cultural Economy Foundation** welcomes applications for *Grants for Artists and Arts Organizations Impacted by Hurricanes*. The grants are intended to defray the costs related to physical loss or property damage, relocation, or other specific economic harm suffered as a result of the hurricanes. The overarching goal of the program is to enable stakeholders in Louisiana's cultural economy to continue or resume the production and distribution of the state's unique cultural assets in the aftermath of recent natural disasters. Deadline: **Apr. 3**.

WEB LINK. <http://www.crt.state.la.us/culturalassets/grants/> *The Foundation Center RFP Bulletin, January 20, 2006.*

### **Save America's Treasures Grant Program**

The **National Park Service** seeks applications for the *Save America's Treasures Grant Program*. The grants are available for preservation and/or conservation work on nationally significant intellectual and cultural artifacts and collections and on nationally significant historic properties. The 2-3 year grants require a dollar-for-dollar, non-Federal match, which can be cash, donated services, or use of equipment. Minimum grant request for collections projects is \$25,000 Federal share and the minimum grant request for historic property projects is \$125,000 Federal share. The maximum grant request for all projects is \$700,000 Federal share. Deadline: **Apr. 18**.

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7717>. *Grants.gov*, January 23, 2006.

Also see this listing:

- **Landmarks of American History and Culture: Workshops for Schoolteachers**
- **NEH Summer Seminars and Institutes**
- **Student Science Enrichment Program**
- **US Fish and Wildlife Service Coastal Program Projects**

### **Curriculum Development**

#### **Institutional Grants for Research Training in Biomedical Informatics (T15)**

The **National Library of Medicine** invites training grant applications for support of predoctoral and postdoctoral *Training Programs in Biomedical Informatics*. Applications may be for the creation of entirely new training programs, for the purpose of adding NLM-supported trainees to existing training programs, or for the renewal of existing NLM training program grants. Such training will help meet a growing need for investigators trained in biomedical computing and related fields as they directly relate to application domains including health care delivery, basic biomedical research, clinical and translational research, public health, and other areas. The NLM intends to commit approximately 15 million dollars in FY 2007 to fund 16-20 new and/or competing continuation grants in response to this RFA. This funding opportunity will use the T15 award mechanism. An applicant institution may submit no more than one application. Deadlines: **Feb. 17** (letter of intent), **Mar. 17** (application).

WEB LINK <http://grants.nih.gov/grants/guide/rfa-files/RFA-LM-06-001.html>. *NIH Guide*, January 12, 2006.

#### **AHRQ Grants for Health Services Research Dissertation (R36)**

The **Agency for Healthcare Research and Quality (AHRQ)** announces its continued interest in the *Health Services Research Dissertation Grant Program (R36)*. This program supports research undertaken as part of an academic program to qualify for a doctorate. The AHRQ dissertation award supports dissertation research costs for students in accredited research doctoral programs in the United States (including Puerto Rico, and other U.S. Territories or possessions). Dissertation applications must focus on methodological and research topics that address the mission and research interests of AHRQ noted below. This Funding Opportunity Announcement (FOA) will use the dissertation grant (R36) award mechanism. The total direct costs awarded under this FOA for dissertations must not exceed \$35,000 for the entire project period, which should be a minimum of nine months and not to exceed 17 months in duration. The proposed grant start date should not be sooner than five months after the submission deadline. While grant awards are made to institutions rather than individuals, this FOA and its instructions are written to potential applicants to inform them of this funding opportunity and facilitate the

submission of grant applications. Deadlines: **Apr. 10, Aug. 10, Dec. 10, annually.**

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7609>. *Grants.gov*, January 13, 2006.

### **Student Science Enrichment Program**

The **Burroughs Wellcome Foundation** seeks application for *Student Science Enrichment Program*. The program supports creative Science Education Activities for Middle School and High School Students in North Carolina. The program provides about \$2.2 million annually to support creative science education activities for middle school and high school students. BWE will make individual grants of up to \$60,000 per year for three years. The program's goals include improving student's competence in science, nurturing their enthusiasm for science, and interesting them in pursuing science-related careers. BWE encourages partnerships –for example, between scientific groups and school systems or between universities and community groups. If you have questions, contact Melanie Scott (Burroughs Wellcome) at 919-991-5107. Before approaching this foundation, please contact Beth Eastlick, Foundation Relations, at 681-0405 or [beth.eastlick@dev.duke.edu](mailto:beth.eastlick@dev.duke.edu). Deadlines: **Apr. 10.**

WEB LINK [http://www.bwfund.org/programs/science\\_education/SSEP\\_apply.html](http://www.bwfund.org/programs/science_education/SSEP_apply.html)

Also see these listings:

- **Gaining Early Awareness and Readiness for Undergraduate Programs (Partnership Grants)**
- **Institutional Grants for Research Training in Biomedical Informatics (T15)**
- **National Institute for Climatic Change Research --Center for Riparian and Coastal Ecosystems**
- **NEH Summer Seminars and Institutes**

### **Environmental & Life Sciences**

#### **Genomics: GTL Facility for the Production and Characterization of Proteins and Molecular Tags**

The **Department of Energy's Genomics: GTL Program** requests that the scientific community submit applications for the development of a scientific user facility for the Production and Characterization of Proteins and Molecular Tags that involves the design, construction (construction is used generically here and could include new construction, renovation of existing space, leasing space or other options proposed by the applicants), and research and development related to the design, configuration, and operation of the facility that will serve as a major scientific user facility for the scientific community including the Genomics: GTL program. Deadlines: **Jan. 31** (letter of intent), **Apr. 11** (application).

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7555>. *Grants.gov*, January 9, 2006.

#### **Structural Biology of Membrane Proteins (R01)**

The **Department of Health and Human Services** seeks applications for *Structural Biology of Membrane Proteins (R01)*. This PA solicits applications to develop research and methods to enhance the rate of membrane protein structure determination and to determine specific membrane protein structures. Innovative methods for expression, oligomerization, solubilization, stabilization, purification, characterization, crystallization, isotopic labeling, and structure determination of unique and biologically significant membrane proteins by x-ray diffraction,

nuclear magnetic resonance (NMR), electron microscopic, mass spectrometry, and other biophysical techniques are encouraged. Projects that will lead in the near term to determining the structures of biologically important membrane proteins are also encouraged. Deadlines: **Feb. 1, Jun. 1, Oct. 1.**

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7689>. *Grants.gov*, January 20, 2006.

### **FY2006 NOAA Fisheries Research**

The **NOAA Chesapeake Bay Office** (NCBO) is in its second decade of providing science, service, and stewardship to advance NOAA's mission in the mid-Atlantic. NCBO's Chesapeake Bay Integrated Science Program is a competitive program that supports effective ecosystem-based fisheries management and integrated habitat restoration. This program funds:

- Fisheries Research, monitoring, modeling, and stock assessment;
- Non-native Oyster Research to support an environmental impact statement;
- SAV Restoration;
- and cross-cutting multidisciplinary efforts which integrate activities in two or more focus areas (e.g., developing or using observation systems to describe physical, chemical, and biological/ecological conditions that increase our quantitative understanding of suitable habitat for oyster restoration and potential post-restoration value as fisheries habitat).

Deadlines: **Feb. 3** (letter of intent), **Mar. 15** (application).

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7654>. *Grants.gov*, January 19, 2006.

### **NSF Ocean Science Grants**

The **National Science Foundation's** Directorate for Geosciences accepts proposals for *NSF Ocean Science Grants* for the following programs. Deadlines: **Feb. 15, Aug. 15.**

- The *Biological Oceanography* program supports research in marine ecology broadly defined - relationships among marine organisms and their interactions with the environment of the sea. Projects that fall within the purview of the Program may focus on marine environments ranging from estuarine and coastal systems to the deep sea, and also include studies in the Great Lakes. Areas of research include ecosystem and biogeochemical processes; community and population ecology; behavioral, reproductive and life-history ecology; physiological and chemical ecology; and evolutionary ecology (PD 98-1650). [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11696&org=OCE](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11696&org=OCE)
- The *Chemical Oceanography* program supports research into the chemical components, reaction mechanisms, and geochemical pathways within the ocean and at its interfaces with the solid earth and the atmosphere. Major emphases include: studies of material inputs to and outputs from marine waters; orthochemical and biological production and transformation of chemical compounds and phases within the marine system; and the determination of reaction rates and study of equilibria. The program encourages research into the chemistry, distribution, and fate of inorganic and organic substances introduced into or produced within marine environments including those from estuarine waters to the deep sea (PD 98-1670). [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11698&org=OCE](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11698&org=OCE)
- The *Physical Oceanography* program supports research on a wide range of topics associated with the structure and movement of the ocean, with the way in which it transports various quantities, with the way the ocean's physical structure interacts with the biological and chemical processes within it, and with interactions between the ocean and the atmosphere, solid earth and ice that surround it (PD 98-1610).

WEB LINK <http://www.nsf.gov/div/index.jsp?div=OCE>

### **Orwick Fish Screen Improvement Project**

The **US Fish and Wildlife Service** seeks applications for *Orwick Fish Screen Improvement Project*. The project consists of two primary tasks: A bypass pipe and a headgate flow control gate system. The 50 cfs diversion is located on a stream known to contain spring Chinook salmon and steelhead. The project objective is to protect early life stages of these fish by properly screening them out of the canal and returning them to Battle Creek. The project site is on the south bank of Battle Creek at approximately stream mile 7.3. This project is located in Tehama County, California on land managed by the Bureau of Land Management. Deadline: **Feb. 28**.

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7684>. *Grants.gov*, January 20, 2006.

### **National Institute for Climatic Change Research, Center for Riparian and Coastal Ecosystems**

The **Department of Energy** (DOE) requests applications for a cooperative agreement from US universities to host a new *Center for Riparian and Coastal Ecosystems*, as part of the new DOE National Institute for Climatic Change Research (NICCR; formerly National Institute for Global Environmental Change, NIGEC). Deadlines: **Mar. 1** (pre-application), **Apr. 18** (application).

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7606>. *Grants.gov*, January 13, 2006.

### **Water Conservation Program Yuma Area Office**

The **Bureau of Reclamation** is requesting proposals for soil and moisture conservation activities as a part of the *Water Conservation Program for the Yuma Office* service area. This funding opportunity will provide assistance in developing effective water management and conservation plans; encourage and promote implementation of water efficiency measures; demonstrate conservation technologies; and promote and support water education in the Yuma area. The total assistance available is \$175,000. Awards of 3-5 cooperative grant agreements will be made, generally not to exceed \$75,000 per agreement. Financial assistance agreements will be awarded to responsive, responsible and eligible recipients and will be based on technical merit at the fixed assistance amount. Cost sharing or cost matching is required. Applications shall be reviewed and evaluated by a technical panel. Deadline: **Mar. 31**.

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7675>. *Grants.gov*, January 19, 2006.

### **Grazing Lands Conservation Initiative**

The **Department of Agriculture**, Natural Resources Conservation Service (NRCS), announces the availability of up to \$4,146,120 for projects that manage and control the spread of invasive species (plants, animals, and insects) affecting grazing land. Applications will be accepted from all 50 States, the Caribbean Area (Puerto Rico and the Virgin Islands), and the Pacific Basin Area (Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands). Projects associated with western grazing lands will receive priority consideration. The grants, which require a 1:1 match, will be awarded through a nationwide competitive grants process. Projects can be up to three years in length. Deadline: **Apr. 3**.

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7719>. *Grants.gov*, January 23, 2006.

### **NSF Integrative Organismal Biology Grants**

The **National Science Foundation's** Division of Integrative Organismal Biology supports research aimed at integrative understanding of organisms as units of biological organization, with

particular emphasis on their development, form, function, and evolution. Deadlines: **July 12 and Jan. 12.**

- *The Behavioral Systems* thematic area focuses on the development, function, mechanisms, and evolution of behavior, biological rhythms, and interactions between organisms including animals, plants, and microbes. This area supports research on social and reproductive behavior; behavioral ecology and physiology; neural and hormonal mechanisms of behavior; immunology of behavior; animal cognition and communication. Behavioral Systems encompasses physiological responses, chemical communication, and reproductive consequences of plant interactions with other organisms. Proposals that use functional genomics to understand physiological and behavioral adaptations to environmental stimuli and stress are encouraged (PD 05-7472).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13405&org=IOB&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13405&org=IOB&from=fund)
- The *Developmental Systems* thematic area focuses on the nature, control, and evolution of those processes that comprise the life cycle of organisms. This area includes research on the mechanisms of gametogenesis, fertilization, embryogenesis, differentiation, pattern formation, and morphogenesis, including research on the development, regeneration, and aging of the nervous system. Genomic approaches, gene networks, integration of developmental gene pathways, and computational approaches are included. Studies that explore the evolution of developmental mechanisms are encouraged (PD 05-7471).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13407&org=IOB&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13407&org=IOB&from=fund)
- The *Environmental & Structural Systems* thematic area focuses on the functional evolution of organisms in their physiochemical and biotic environments. Included are studies of physiological ecology, evolutionary physiology, stress physiology, functional morphology and movement, animal sensation, computational and systems neuroscience, and environmental genomics. Proposals that include computational or engineering approaches in any of these areas of biology are encouraged (PD 05-7474).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13408&org=IOB&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13408&org=IOB&from=fund)
- The *Functional & Regulatory Systems* thematic area focuses on fundamental physiological mechanisms in plants and animals and how they have evolved, with emphasis on organisms as integrated systems. This area includes comparative physiology, neurophysiology, mechanisms of solute transport, and comparative or evolutionary immunology. It includes research at the genetic, genomic, cellular, tissue, organ, system, and organismal levels of organization. Also supported in this area are studies of neuronal and glial cell function and synaptic mechanisms as they relate to integrated organismal systems. Proposals for computational modeling to further understanding of physiological processes in organisms are encouraged (PD 05-7473).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13409&org=IOB&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13409&org=IOB&from=fund)
- NSF awards *Doctoral Dissertation Improvement Grants in Biological Sciences*. These grants provide partial support of doctoral dissertation research to improve the overall quality of research. Allowed are costs for doctoral candidates to conduct research in specialized facilities or field settings away from the home campus, to participate in scientific meetings, and to provide opportunities for greater diversity in collecting and creativity in analyzing data than would otherwise be possible using only locally available resources (NSF 02-173). <http://www.nsf.gov/pubs/2005/nsf05607/nsf05607.htm>  
Deadline: **Nov. 17.**

WEB LINK [http://www.nsf.gov/funding/pgm\\_list.jsp?org=IOB](http://www.nsf.gov/funding/pgm_list.jsp?org=IOB)

### **US Fish and Wildlife Service Coastal Program Projects**

The US Fish and Wildlife Service seeks applications for *Coastal Program Projects*. The

program provides financial and technical assistance for coastal habitat conservation. Projects are generally limited to the 22 Coastal Program focus areas, including Albemarle/Pamlico Sounds, NC. Projects may include habitat assessment and habitat restoration. Applicants need to contact specific Coastal Program offices. The Coastal Program is being funded at \$13 million in FY 2006; of this amount about half, \$6.5 million will be available for on-the-ground funding.

Deadline: **Sep. 30.**

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7615>. *Grants.gov*, January 16, 2006.

### **EPA Broad Agency Announcement for Conferences, Workshops, or Meetings**

The **Environmental Protection Agency (EPA)** solicits applications for the planning, arranging, administering, and conducting of *Conferences, Workshops, or Meetings* in the areas of EPA mission related issues connected to protecting, human health and safeguarding the natural environment; advancing the scientific and technical research that promotes environmental protection; exploring current and emerging issues of importance to environmental protection; and/or encouraging collaboration among the nation's best scientists and engineers in academia, business and nonprofit research institutes. Deadline: **Jan. 18, 2007.**

WEB LINK

<http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/E6-810.htm>. *Federal Register*, January 24, 2006.

Also see this listing:

- **Autism Centers of Excellence (R01)**
- **Fund for Wild Nature Proposals Request**
- **NASA Research Opportunities in Space and Earth Sciences (ROSES) – 2006**
- **NIH-NSF Ecology of Infectious Diseases Program: A Joint Program for Multidisciplinary Research**
- **Nominations Requested for 2006 Packard Fellowships**
- **Robert Wood Johnson Foundation Investigator Awards in Health Policy Research**

### **Graduate Funding**

#### **Duke Graduate School Fellowships for Latin American Studies**

The **Graduate School** is offering up to **three** competitive four-year fellowships to applicants to the Ph.D. at Duke who are interested in *Latin American Studies*. The competition is administered by the Center for Latin American and Caribbean Studies. The fellowships provide tuition for the first three years, fees for the first four years, and an academic year fellowship stipend of \$16,500 for students in humanities and social sciences or \$17,000 for students in natural sciences for the first year. Nominations should be made by Directors of Graduate Studies. Applications should be submitted to Natalie Hartman at the Center for Latin American and Caribbean Studies. Deadline: **Feb. 9.**

INQUIRIES: Natalie Hartman, 681-3980, [njh@duke.edu](mailto:njh@duke.edu); WEB: <http://www.duke.edu/web/las/>.

#### **NOAA Coastal Management Fellowship**

**North Carolina Sea Grant** and the **National Oceanographic and Atmospheric Administration (NOAA)** wish to announce the *NOAA Coastal Services Center's Coastal Management Fellowship*. The two-year fellowship, which offers a \$32,000 stipend, is designated

to provide professional education and training opportunities for post-graduate students in coastal resource management and policy and to provide specific technical assistance for state coastal resource management program. The program matches postgraduate students with state coastal zone programs to work on projects proposed by the state and selected by NOAA. Deadline: **Feb. 11.**

WEB LINK <http://www.csc.noaa.gov/cms/fellows.html>

### **2006 Graduate Student Summer Program in Earth System Science**

**NASA Goddard Space Flight Center's (GSFC) Earth-Sun Exploration Division**, in collaboration with the **Goddard Earth Sciences and Technology (GEST) Center of the University of Maryland Baltimore County**, is offering a limited number of graduate student research opportunities through its *Graduate Student Summer Program (GSSP)*. This prestigious program is in its sixth year and is designed to stimulate interest in interdisciplinary Earth science studies by enabling selected students to carry out an intensive research project at GSFC, which can be applied to the student's graduate thesis. GSSP 2006 will take place from June 5 to August 11, 2006. Positions are available to students interested in any Earth system science conducive to the research of NASA GSFC. Each student will be teamed with a NASA Goddard scientist mentor with parallel scientific interests. NASA mentors can be drawn from any of the participating Earth Science laboratories. GSFC laboratories in Greenbelt, MD include: The Laboratory for Solar and Space Physics, The Laboratory for Atmospheres, and The Laboratory for Hydrospheric and Biospheric Sciences. Additional laboratory locations include oceanography and instrumentation research on coastal zone processes at NASA's Wallops Flight Facility (WFF) on the Eastern Shore of Virginia, and global climate change studies at the Goddard Institute for Space Studies (GISS) in New York City. Deadline: **Feb. 28.**

WEB LINK [http://gest.umbc.edu/student\\_opp/2006\\_gssp.html](http://gest.umbc.edu/student_opp/2006_gssp.html).

### **2006-2007 Graduate Teaching Mini-Grants Information Session**

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WEB LINK [http://www.gradschool.duke.edu/professional\\_development/teaching\\_mini-grant\\_program/](http://www.gradschool.duke.edu/professional_development/teaching_mini-grant_program/)

### **National Water Research Institute Graduate Fellowships**

The **National Water Research Institute (NWRI)** awards *Fellowships* of up to \$15,000 a year per student to support master's or doctoral graduate research related to water resources. The research must pertain to NWRI's mission statement, which is to create new sources of water through research and technology and to protect the freshwater and marine environments. Research areas include, but are not limited to, engineering sciences, physical and chemical sciences, biological sciences, health sciences, political sciences, and planning and public policy. Deadline: **Mar. 1.**

WEB LINK <http://www.nwri-usa.org/asp/sp.asp?main=m6&sub=s6&id=6>

### **Aging Research Dissertation Awards to Increase Diversity (R36)**

The **National Institute on Aging (NIA)** announces the availability of dissertation awards (R36) in all areas of research within the Institute's mandate to increase the diversity of the

research workforce on aging. These awards are available to qualified predoctoral students in accredited research doctoral programs in the United States (including Puerto Rico and other U.S. territories or possessions). Deadline: **Mar. 16**.

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7586>. *Grants.gov*, January 11, 2006.

### **Women's Studies Dissertation Fellowships**

The **Graduate School** awards two full *Women's Studies Dissertation Fellowships* each year. Each fellowship carries a nine-month ~\$15,000 stipend (registration and health fees to be paid by the Graduate School). The intent of these awards is to 'buy time' for a doctoral candidate who is past course work and engaged in the early stages of dissertation research. As the fellowships are in Women's Studies, it is assumed that fellowship recipients will devote the year to deepening their knowledge of feminist theory and methods, and exploring interdisciplinary angles on the topics being researched. Graduate students enrolled in the Certificate Program will have priority for these awards. Deadline: **Apr. 1**.

INQUIRIES: Pat Hoffman 919/684-3655; EMAIL: [phoffman@duke.edu](mailto:phoffman@duke.edu); WEB: <http://www.duke.edu/womstud/grad/fellowship.html>

- **Consortium in Latin American Studies at the University of North Carolina at Chapel Hill and Duke University** -- *Ford Doctoral Dissertation Research Fellowships*. Deadline: **Feb. 17**.  
<http://www.duke.edu/web/carolinadukeconsortium/funding/gradstudents.htm>
- **Consortium in Latin American Studies at the University of North Carolina at Chapel Hill and Duke University** -- *Mellon Foundation Summer Dissertation Fellowships*. Deadline: **Apr. 7**.  
<http://www.duke.edu/web/carolinadukeconsortium/funding/gradstudents.htm>
- **Consortium in Latin American Studies at the University of North Carolina at Chapel Hill and Duke University** -- *Tinker Summer 06 Predissertation Travel Awards*. Deadline: **Mar. 1**.  
<http://www.duke.edu/web/carolinadukeconsortium/funding/gradstudents.htm>

Also see these listings:

- **AHRQ Grants for Health Services Research Dissertation (R36)**
- **Fellowships for Intensive Advanced Turkish Language Study in Istanbul, Turkey**

### **Health Sciences**

#### **VA Contract Care Coordination Demonstration Industry Day**

The **Department of Veterans Affairs** (VA) is hosting an *Industry Day* forum to initiate partnership support with Industry and Academia to implement care management strategies that have proven valuable in the broader public and private sectors. The VA goal is to establish at least three managed care demonstration programs designed to satisfy a set of health system objectives related to arranging and managing care by the end of calendar year 2006. Contract Care Coordination Industry Day will be held at Hyatt Regency Crystal City, Reagan National Airport, 2799 Jefferson Highway, Arlington, VA 22202, on **Feb. 2, 2006**, at 1:00 p.m. to 6:00 p.m. Registration will begin two hours prior to the event. Participants are encouraged to pre-register by e-mailing the names of participants and company affiliation to [Donald.Monaco@va.gov](mailto:Donald.Monaco@va.gov). Companies will be limited to two participants per company. Deadline:

**Feb. 2.**

WEB LINK <http://www1.fbo.gov/spg/VA/VAAOAS/VADC/101%2D05%2D06/listing.html>. *FedBizOpps*, January 18, 2006.

**Advanced Informatics for Biomedicine: Request for Information**

The **National Library of Medicine (NLM)** intends to issue a call for proposals that address a highly selective set of informatics problems of fundamental importance to biomedicine. To inform planning for such a program NLM solicits responses from the informatics, computer science, information science and engineering communities to the question: *What are the major informatics research challenges in biomedicine today?* This Request for Information is addressed to all with interest in the application of computation to biomedical research, healthcare, and the education of health professionals (biomedical informatics, bioinformatics and computational biology.). Please send responses of 1-2 pages to Milton Corn, M.D. at [cornm@mail.nih.gov](mailto:cornm@mail.nih.gov).  
Deadline: **Feb. 28.**

WEB LINK <http://grants.nih.gov/grants/guide/notice-files/NOT-LM-06-001.html>. *NIH Guide*, January 6, 2006.

**Prevention of Airborne Infections in Occupational Settings**

The **National Institute for Occupational Safety and Health (NIOSH)** invites applications to conduct research in basic, applied, or population research that will advance *Prevention of Airborne Infections in Occupational Settings*. NIOSH intends to commit approximately one million dollars per year for this program. NIOSH intends to fund three to six new awards in response to this RFA. Research is needed in many disciplines to improve approaches to prevention of airborne infections in occupational settings. Industrial hygiene, infection control, public health, microbiology, medicine, nursing, engineering, aerosol science, and other disciplines all have important roles in improving environmental controls, administrative controls, personal protective equipment, early identification of infected cases or exposures, immunization programs, and other measures to prevent spread of airborne infectious diseases in the occupational setting. Deadlines: **Mar. 17** (letter of intent), **Apr. 18** (application).

WEB LINK <http://grants.nih.gov/grants/guide/rfa-files/RFA-OH-06-002.html>. *NIH Guide*, January 18, 2006.

**Request for Proposal: NIH-NIDDK-O6-02 United States Renal Data System (USRDS) Special Studies Centers**

The **National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)** seeks organizations or institutions to carry out special studies of biomedical importance to the Institute and the Nephrology community as USRDS Special Studies Centers (SSC). Each SSC shall perform existing data studies in three major areas, and design, pilot, and conduct two special studies during the contract period. These studies will be carried out in collaboration with the NIH, the USRDS Coordinating Center, and the CMS. The Coordinating Center is being sought under a separate solicitation. The Request for Proposals, RFP-NIH-NIDDK-06-02, will be issued on or about January 25, 2006 and will close on or about March 24, 2006. Deadline: **Mar. 24.**

WEB LINK <http://grants.nih.gov/grants/guide/notice-files/NOT-DK-06-003.html>. *NIH Guide*, January 6, 2006.

**Request for Proposal: NIH-NIDDK-O6-02 United States Renal Data System (USRDS) Coordinating Centers**

The **National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)** seeks an organization or an institution to serve as the *Coordinating Center (CC) for the USRDS*. The CC, in collaboration with the NIH and the Centers for Medicare and Medicaid Services (CMS), shall provide the biostatistical, epidemiological, data management and analytical expertise necessary to

maintain and update the existing USRDS database. The CC shall also: coordinate, scientifically manage, develop and expand the USRDS; prepare and release subset(s) of the database to support investigator-initiated research; publish papers and reports of scientific findings based on USRDS data; and provide data to support research performed by the Special Studies Centers (SSCs). The SSCs are being sought under a separate solicitation. The Request for Proposals, RFP-NIH-NIDDK-06-01, will be issued on or about January 25, 2006 and will close on or about March 24, 2006. Deadline: **Mar. 24**.

WEB LINK <http://grants.nih.gov/grants/guide/notice-files/NOT-DK-06-004.html>. *NIH Guide, January 6, 2006*.

### **Robert Wood Johnson Foundation Investigator Awards in Health Policy Research**

The **Robert Wood Johnson Foundation** invites letters of intent for the *Investigator Awards in Health Policy Research* program. The program supports highly qualified individuals to undertake broad studies of America's most challenging policy issues in health and health care. Applications are welcomed from investigators in fields such as anthropology, business, demography, economics, engineering, ethics, genetics, health and social policy, history, journalism, law, medicine, nursing, political science, public health, psychology, science policy, social work, and sociology. The program seeks a diverse group of applicants, including minorities and individuals in non-academic settings. The program will provide 24-36-month grants of up to \$275,000 to up to ten highly qualified individuals. Before approaching this foundation, please contact Beth Eastlick, Foundation Relations, at 681-0405 or [beth.eastlick@dev.duke.edu](mailto:beth.eastlick@dev.duke.edu). Deadline: **Mar. 29**.

WEB LINK <http://www.rwjf.org/applications/program/cfp.jsp?ID=19304> *The Foundation Center RFP Bulletin, January 20, 2006*.

### **Autism Centers of Excellence (R01)**

The **National Institute of Health** seeks applications for *Autism Centers of Excellence*. The Autism Centers of Excellence (ACE) program represents a consolidation of the Studies to Advance Autism Research and Treatment (STAART) and Collaborative Programs of Excellence in Autism (CPEA) programs in order to maximize coordination and cohesion of NIH-sponsored efforts in autism research. The focus of the ACE centers and networks will be on the causes and best treatment of autism (as listed in the Autism Research Matrix <http://www.nimh.nih.gov/autismiacc/researchmatrix.pdf>). The anticipated number of awards is 10 to 15 for this RFA and its companion RFA for ACE Centers (RFA-HD-06-016). The participating organizations intend to commit up to \$24 million of funding annually for all the ACE Centers and Networks. The expected duration of these grants is five years. This funding opportunity solicits ACE Networks applications using the Traditional Research Project Grant (R01) funding mechanism. Investigators wishing to propose ACE Centers, using the NIH Specialized Centers of Research (P50), should refer to the companion RFA-HD-06-016, with identical scientific scope. Deadlines: **Jul. 11** (letter of intent), **Aug. 12** (application).

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7681>. *Grants.gov, January 20, 2006*.

Also see these listings:

- **AHRQ Grants for Health Services Research Dissertation (R36)**
- **Genomics: GTL Facility for the Production and Characterization of Proteins and Molecular Tags**
- **Institutional Grants for Research Training in Biomedical Informatics (T15)**
- **Lance Armstrong Foundation Community Program Grants**

- **NIH-NSF Ecology of Infectious Diseases Program: A Joint Program for Multidisciplinary Research**
- **Structural Biology of Membrane Proteins (R01)**
- **W.E. Upjohn Institute Grant for Employment Issues**

### **International Opportunities**

#### **Fellowships for Intensive Advanced Turkish Language Study in Istanbul, Turkey**

The **American Research Institute in Turkey** seeks applications for *Fellowships for Intensive Advanced Turkish Language Study in Istanbul*. For the summer of 2006, the American Research Institute in Turkey will offer full travel and fellowships for ten advanced students and scholars for participation in the summer program in advanced Turkish language at Bogazici University in Istanbul. This intensive program offers the equivalent of one full academic year of study in Turkish at college level. The fellowships cover round-trip airfare to Istanbul, application and tuition fees, and maintenance stipend. Full-time students and scholars affiliated at academic institutions are eligible to apply. Deadline: **Feb. 15**.

WEB LINK <http://ccat.sas.upenn.edu/ARIT/ARITSummerLanguageProgram.htm>

#### **Mellon Research Fellowships for Central and Eastern European Post-Doctoral Scholars in Yemen 2006-2007**

The **American Institute for Yemeni Studies** offers two fellowships annually to scholars from East European and Baltic countries including Bulgaria, the Czech Republic, Estonia, Hungary, Poland, Romania, Slovakia, Latvia, and Lithuania. Applicants must hold the PhD degree or its equivalent. They may engage in individual advanced research projects in any research field of the humanities or social sciences involving Yemen. The fellowships are for two to three months of research to be carried out in affiliation with the AIYS center in Yemen. Any scholars who are citizens and permanent residents of the named countries may apply. Applicants who have previously held a fellowship under this program may apply only after five years have lapsed since the prior fellowship. Where appropriate, preference will be given to scholars in the early stages of their careers. Fellows are expected to devote full time to their projects and to participate in the activities of the Institute. The program offers a stipend up to \$11,500 to cover the costs of conducting the scholar's research project, including travel for the scholar and any accompanying family members, living expenses, and work-related costs. Deadline: **Mar. 6**.

WEB LINK <http://www.aiys.org/fellowships.html#mellon>

#### **International Gerda Henkel Prize for Outstanding Research in the Historical Humanities**

On the occasion of its 30<sup>th</sup> anniversary, the **Gerda Henkel Foundation** will award the *International Gerda Henkel Prize for Outstanding Research in the Historical Humanities* for the first time in 2006. The prize is worth 100,000 euros and will be awarded every two years. Candidates from the disciplines promoted by Gerda Henkel Foundation must be nominated before April 30, 2006. Deadline: **Apr. 30**.

[http://www.gerda-henkel-stiftung.de/ghs\\_preis.php?nav\\_id=257&language=en](http://www.gerda-henkel-stiftung.de/ghs_preis.php?nav_id=257&language=en)

### **Multidisciplinary**

#### **NIH-NSF Ecology of Infectious Diseases Program: A Joint Program for Multidisciplinary Research**

The **Fogarty International Center** of the **National Institutes of Health (NIH)** and the **National Science Foundation (NSF)** have identified ecological sciences, including field biology

and mathematical modeling as essential disciplines to understand and predict transmission of zoonotic and other infectious diseases that involve biotic or abiotic vectors, including diseases of humans, other terrestrial or aquatic animals, and plants. The purpose of this program is to provide support to transdisciplinary teams to develop predictive models and discover principles that govern relationships between environmental changes and transmission of infectious agents to humans and other hosts. Proposed projects should include research and associated expertise in diverse disciplines (for example, mammalogy, ornithology, entomology, epidemiology, microbiology, immunology, anthropology, hydrology, geographic information systems, mathematical modeling, biostatistics) as relevant to understanding the disease transmission system they propose to study. It is anticipated that 6-8 awards will be made in FY 2006 for projects to begin in the summer of 2006. Each EID project may receive NIH-NSF support of up to \$500,000 in total costs (NSF awards) or \$350,000 in direct costs (NIH awards) per year for up to five years. Detailed information about this program can be obtained on the Internet at <http://www.nsf.gov/pubs/2006/nsf06506/nsf06506.htm>. Deadline: **Feb. 10**.

WEB LINK <http://grants.nih.gov/grants/guide/notice-files/NOT-TW-06-003.html>. *NIH Guide, January 4, 2006.*

### **Nominations Requested for 2006 Packard Fellowships**

The **David and Lucille Packard Foundation** has again invited Duke University to submit two outstanding candidates for its *Packard Fellowships* competition. The disciplines that will be considered include physics, chemistry, mathematics, biology, astronomy, computer science, earth science, ocean science, and all branches of engineering. Awards are not directed to areas that "already have access to relatively generous funding," e.g., "clinical research, research associated with the design and construction of large national facilities such as accelerators and space stations, and applied research of direct relevance to national security." Candidates engaged in social science research will not be considered. Recipients will receive individual grants of \$625,000 distributed over five years.

Nominations to this program are institutionally restricted; if you are interested, please contact Ken Macdonald, Duke ORS, 681-5988 or [kwmac@duke.edu](mailto:kwmac@duke.edu). Prospective nominees are asked to submit the following materials for Duke's internal review:

- Recommendation letter from department chair (two-page maximum)
- List of three persons outside Duke who will provide additional letters of recommendation
- Two-page research statement by the nominee (1,400 word maximum; with figures or images, may be at most three pages)
- Statement of current external research support
- Curriculum vitae (not required for submission to the Packard Fellowship program office, but will provide much of the same information required)

Deadlines: **Feb. 28** (Duke internal), **Mar. 15** (Nomination Form), **Apr. 20** (Packard).

WEB LINK

<http://www.packard.org/itemDetails.aspx?RootCatID=3&CategoryID=168&ItemID=2273>

### **EPA Support for Conferences, Workshops, and/or Meetings**

The **Environmental Protection Agency** solicits applications for the planning, arranging, administering, and conducting of conferences in the areas of 1) EPA mission related issues connected to protecting, human health and safeguarding the natural environment; 2) advancing the scientific and technical research that promotes environmental protection; 3) exploring current and emerging issues of importance to environmental protection; and/or 4) encouraging collaboration among the nation's best scientists and engineers in academia, business and nonprofit research institutes. The awards under this BAA may involve the collection of geospatial information. Deadline: **Jan. 18, 2007**.

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7638>. *Grants.gov*, January 18, 2006.

### **NASA Research Opportunities in Space and Earth Sciences (ROSES) – 2006**

The **National Aeronautics and Space Administration** (NASA) has posted the announcement for *Research Opportunities in Space and Earth Sciences – 2006* (ROSES 2006). ROSES 2006 requests proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. ROSES 2006 can be accessed by opening the NASA Research Opportunities homepage at <http://nspires.nasaprs.com/> and then linking through the menu listings "Solicitations" to "Open Solicitations." Deadline: **Feb. 10, 2007**.

WEB LINK <http://nspires.nasaprs.com/>

## **Physical Sciences & Engineering**

### **NSF Division of Electrical and Communications Systems**

The **National Science Foundation** welcomes proposals to funding opportunities through the *Division of Electrical and Communications Systems*. Deadlines: **Feb. 7**.

- The Electronics, Photonics & Device Technologies program seeks to improve the fundamental understanding of devices and components based on the principles of electronics, photonics, magnetics, electro-optics, electromagnetics, electromechanics, and related physical phenomena (PD 05-1517).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13379&org=ECS&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13379&org=ECS&from=fund)
- The Integrative, Hybrid & Complex Systems program supports innovative research in areas that integrate device concepts and systems principles in the design, development and implementation of new nano/micro/macro hybrid and complex systems with engineering solutions for domain specific applications (PD 05-7564).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13381&org=ECS&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13381&org=ECS&from=fund)
- The Power, Controls and Adaptive Networks program supports creative research and education underlying the analysis and design of intelligent engineering networks for control, communications, computation and energy. Proposals leading to improved methods for multi-scale modeling, learning, optimization, reliability, security and robustness of complex dynamical systems are of interest (PD 05-1518).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13380&org=ECS&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13380&org=ECS&from=fund)

WEB LINK [http://www.nsf.gov/funding/pgm\\_list.jsp?org=ECS](http://www.nsf.gov/funding/pgm_list.jsp?org=ECS)

### **Teaming Opportunity for a Mars Aerial Platform Scout Mission: Sources Sought Notice**

**NASA Langley Research Center** (LaRC) seeks partners from other government agencies, industry, academia, non-profit organizations, and Federally Funded Research and Development Centers (FFRDC) to participate in developing a proposal addressing the goals and objectives for a NASA Announcement of Opportunity (AO) for the *Mars Scout 2006 and Mission of Opportunity*. Mars Scout missions are envisioned to be focused investigations of Martian biological, chemical and physical phenomena and processes. Mars Scout investigations are led by a Principal Investigator supported by Co-Investigators and an implementation team. These teams will pursue missions of high scientific value by utilizing observation platforms of their choice and design. LaRC is seeking partners in the following three mission areas for the full mission proposal: 1) design and development of the planetary entry system, 2) design and development of the liquid rocket propulsion subsystem for the aerial platform, and 3) design and development of the telecommunications subsystem for the aerial platform. Deadline: **Feb. 13**.

#### WEB LINK

<http://www1.fbo.gov/spg/NASA/LaRC/OPDC20220/SS%2DNNL06MARSAerial/listing.html>.  
*FedBizOpps, January 18, 2006.*

#### **Research in High Energy Density Physics Using the ATLAS Pulsed Power Facility**

The **Office of Fusion Energy Sciences (OFES)** of the Department of Energy seeks grant applications for research in high energy density physics in fusion energy sciences using the Atlas pulsed power facility at the Nevada Test Site. The OFES has a broad program of science-based research to develop the knowledge base needed for an economically and environmentally attractive fusion energy source in the long term. The OFES is sponsoring research in high energy density physics (HEDP) that underpins the science of creating fusion energy using high density and high pressure plasmas. Deadline: **Mar. 1**.

WEB LINK <http://grants.gov/search/search.do?mode=VIEW&oppId=7605>. *Grants.gov, January 13, 2006.*

#### **NSF Fluid and Particle Processes Grants**

The **National Science Foundation's** Directorate for Engineering accepts proposals for the *Fluid and Particle Processes (FPP)* thematic area through two sub-elements. Deadlines: **Mar. 1 and Sep. 15**.

- The *Particulate and Multiphase Processes* program supports fundamental and applied research on physical mechanisms and phenomena governing multiphase processes, granular and granular-fluid flows, particle/bubble/droplet interactions, aerosol science and technology, suspensions, micro-/nano-structured fluids, self and directed assembly of nanostructures, and related instrumentation and diagnostics (PD 05-1415).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13364&org=CTS&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13364&org=CTS&from=fund)
- The *Fluid Dynamics and Hydraulics* program supports fundamental research concerning the mechanisms that govern fluid flow phenomena. Topics of interest include Newtonian and non-Newtonian fluids, experimental and computational investigations, instrumentation and flow diagnostics, micro- and nano- scale flow phenomena, multi-scale and multi-physics phenomena, biological and biomedical fluid flow, and environmental flows. Proposed research should contribute to the basic understanding of fluid dynamics, thus enabling the better design, predictability, efficiency and control of systems that involve fluids. (PD 05-1443):  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13365&org=CTS&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13365&org=CTS&from=fund)

#### WEB LINK

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13481&org=CTS&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13481&org=CTS&from=home)

#### **NSF Interfacial, Transport, and Separation Processes Grants**

The **National Science Foundation's** Directorate for Engineering accepts proposals for the *Interfacial, Transport, and Separation Processes (ITSP)* thematic area through two sub-elements. Deadlines: **Mar. 1 and Sep. 15**.

- The *Interfacial, Transport, and Thermodynamics Program (ITTP)* supports research in engineering science areas related to interfacial phenomena, mass transport phenomena, separation science, and phase equilibrium solution thermodynamics. Recently, emphasis is placed on molecular engineering approaches as applied to processing of soft materials, especially thin films and porous media. Often surface-active molecules direct the formation of responsive or functional surfaces at the nano-scale. Methods such as molecular simulation are sometimes used, in addition to experimental observation. New theories and simulation approaches determining the thermodynamic, interfacial, and mass transport phenomena properties of fluids and fluid mixtures in biological and other fluids with complex molecules are supported. Proposals dealing with pollution prevention at the

source and energy storage in the context of the above phenomena are also entertained. International collaboration and industrial is encouraged. Generally, non-reactive systems are studied (PD 05-1414).

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13362&org=CTS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13362&org=CTS)

- The Separation and Purification Processes (SPP) sub-element supports fundamental research on novel processes and materials for the separation of chemical species. These processes are central to the chemical, materials, energy, and pharmaceutical industries. A fundamental understanding of the interfacial, transport, and thermodynamic behavior of multi-phase chemical systems as well as quantitative descriptions of processing characteristics in these industries is critical for efficient resource management and effective environmental protection. The program encourages proposals that address emerging research areas and technologies, have a high degree of interdisciplinary thought and knowledge creation, and integrate education and research (PD 05-1417).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13363&org=CTS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13363&org=CTS)

**WEB LINK**

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11721&org=CTS&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11721&org=CTS&from=home)

**NSF Thermal Systems Grants**

The **National Science Foundation's** Directorate for Engineering accepts proposals for the *Thermal Systems* (TS) thematic area through two sub-elements. Deadlines: **Mar. 1 and Sep. 15.**

- The *Combustion and Plasma Systems (CPS) program* concentrates on research in fundamental engineering science in support of systems applications of combustion and plasmas. There are many mission-oriented programs in industry and government that support applied research and development in these areas. For the most part, this program is not an applied research program, but provides basic knowledge that can be used by others in development of systems for civil, industrial, or military applications. Broad-based tools--computational, experimental, or diagnostic--that can be applied to a variety of problems in combustion and/or plasmas are major products of this endeavor. (PD 05-1407). [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13366&org=CTS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13366&org=CTS)
- The *Thermal Transport and Thermal Processing program* (TTTP) proposals should be aimed at gaining a basic understanding at the microscopic and macroscopic levels of thermal phenomena underlying the production of energy, the synthesis and processing of materials, the cooling and heating in equipment and devices, the interaction of industrial processes with the environment, and the thermal phenomena in biological systems. Higher priority will be given to those projects that deal with problems on the cutting edge of technology while developing human resources in engineering. (PD 05-1406).  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13367&org=CTS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13367&org=CTS)

**WEB LINK**

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=12746&org=CTS&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12746&org=CTS&from=home)

**NRL-Wide Broad Agency Announcement: Topic Added**

The **Navel Research Laboratory** amends *NRL-Wide BAA05-01* posted on Dec 30, 2004 by adding topic BAA 57-05-09 TOWLINE IMPROVEMENT TECHNOLOGIES. The complete BAA including proposal preparation instructions, technical points of contact for each topic, and evaluation criteria is available at <http://heron.nrl.navy.mil/contracts/baa.htm>. Deadline: **Dec. 31.**

**WEB LINK**

<http://www1.fbo.gov/spg/DON/ONR/N00173/Reference%2DNumber%2DBAA05%2D01/listing.html>. *FedBizOpps*, January 18, 2006.

Also see these listings:

- **NASA Research Opportunities in Space and Earth Sciences (ROSES) – 2006**
- **NIH-NSF Ecology of Infectious Diseases Program: A Joint Program for Multidisciplinary Research**
- **Nominations Requested for 2006 Packard Fellowships**
- **Robert Wood Johnson Foundation Investigator Awards in Health Policy Research**

### Postdoctoral Opportunities

- **Duke University's Center for the Study of Aging and Human Development -- Research Training Program in Aging.** Deadline: **Mar. 1.**  
<http://www.geri.duke.edu/educate/rtp.html>
- **Hunter's Hope Foundation -- Postdoctoral Fellowships.** Deadline: **continuous.**  
<http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#hhf>
- **National Council for Eurasian and East European Research -- Ed A. Hewett Policy Fellowships.** Deadline: **Mar. 15.**  
[http://www.nceeer.org/Programs/ed\\_hewett\\_fellowship.htm](http://www.nceeer.org/Programs/ed_hewett_fellowship.htm)
- **National Science Foundation -- Postdoctoral Fellowships in Polar Regions Research.** Deadline: **Apr. 15.**  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5650&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5650&org=NSF&from=fund)

### Social Sciences

#### W.E. Upjohn Institute Grant for Employment Issues

The **W.E. Upjohn Institute** supports policy-relevant research on issues related to employment and unemployment through its *Grant for Employment Issues*. Grants made under this program are expected to result in research of a rigorous nature that is accessible and of interest to practitioners and policymakers. The Institute awards both Research Grants and Mini-Grants. For Research Grants, the maximum funding amount is \$75,000. For Mini-Grants, the maximum funding amount is \$5,000. For Research Grants, the Institute has identified a Priority Research Topic: Effects of Health Care Costs on Labor Demand. However, proposals from any area of interest will be fully considered. Deadlines: **Cycle 1: Jan. 31** (Research Grant summary application), **Feb. 28** (Research Grant invited full proposal), **Apr. 11** (Research Grant full proposal, Mini-Grant proposal); **Cycle 2: Aug. 1** (Research Grant summary application), **Sep. 5** (Research Grant invited full proposal), **Oct. 17** (Research Grant full proposal, Mini-Grant proposal).

WEB LINK <http://www.upjohninst.org/grantann.html>

#### NSF Sociology Program Grants

The **National Science Foundation (NSF)** welcomes applications for *Sociology* program grants. The Sociology program supports basic research on all forms of human social organization -- societies, institutions, groups and demography -- and processes of individual and institutional change. The program encourages research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. The program supports both original data collections and secondary data analysis that use the full range of quantitative and qualitative methodological tools. The Sociology Program also funds doctoral dissertation research to defray direct costs associated with conducting

research, for example, dataset acquisition, additional statistical or methodological training, meeting with scholars associated with original datasets, and fieldwork away from the student's home campus. Deadlines: **Feb. 15** (proposal and dissertation), **Aug. 15** (proposal), **Oct. 15** (proposal and dissertation), **Jan. 15, 2007** (proposal).

WEB LINK

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5369&org=SES&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5369&org=SES&from=home)

### **NSF Developmental and Learning Sciences Program**

The **National Science Foundation** invites applications for the *Developmental and Learning Sciences* program. This program supports studies that increase understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Additional priorities are to support developmental research that: incorporates multidisciplinary, multi-method, microgenetic, and longitudinal approaches; develops new methods and theories; examines transfer of knowledge from one domain to another and from one situation to another; assesses peer relations, family interactions, social identities, and motivation; examines the impact of family, school, and community resources; assesses adolescents' preparation for entry into the workforce; and investigates the role of demographic characteristics and cultural influences on children's development. The estimated number of awards is 18-28 per year, plus up to two additional awards for Integrative Research Activities for Developmental Science (IRADS). The DLS Children's Research Initiative Centers competition has been replaced by IRADS, with a single competition deadline of February 17, 2006. Deadlines: **Feb. 17, Jul. 15** (annual).

WEB LINK [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=8671&org=BCS&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671&org=BCS&from=fund)

Also see these listings:

- **Autism Centers of Excellence (R01)**
- **International Gerda Henkel Prize for Outstanding Research in the Historical Humanities**
- **Landmarks of American History and Culture: Workshops for Schoolteachers**
- **Robert Wood Johnson Foundation Investigator Awards in Health Policy Research**

## **ABOUT THE NEWSLETTER**

*Funding Alert* is a weekly online publication of opportunities and news related to federal and private funding for research, instruction, program development, instrumentation, etc. Funding Alert is produced to further the educational and research objectives of Duke University and the Duke University Medical Center.

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