

## **Funding Opportunities Bulletin**

### **February 2007**

This random compilation of funding opportunities is provided by KUCR Proposal Services as a resource for Kansas University Researchers. We encourage you to utilize the campus subscription to *Community of Science (COS)* to find funding opportunities specifically tailored to your research area based on keywords you provide. *COS* is easy to use and offers other valuable services that are helpful to researchers. Access is available at this site: <http://www.cos.com/>

If questions regarding *COS*, please contact Dan Coonfield at [dcoonfie@ku.edu](mailto:dcoonfie@ku.edu) or 864-7404, or Alicia Reed at [amreed@ku.edu](mailto:amreed@ku.edu) or 864-7771.

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### BUSINESS

#### **Grants Program**

National Endowment for Financial Education (NEFE)

**Deadline: February 6, 2007**

The National Endowment for Financial Education (NEFE) is a Denver-based, nonprofit foundation dedicated to helping Americans acquire the information and gain the skills necessary to take control of their financial lives. The grants program seeks innovative research and research-based development projects that can make a profound contribution to the field of financial literacy. Inquiries from disciplines in fields as diverse as behavior, economics, neuroscience, sociology, psychology, marketing, finance, education, change theory, decision sciences, and others are encouraged. Project outcomes should be actionable in the field of financial literacy, directly relevant to the financial well-being of the public, and have the ability to be applied broadly.

For further information: <http://www.nefe.org/pages/grantmaking.html>

## **Agricultural Prosperity for Small and Medium-Sized Farms**

United States Department of Agriculture (USDA)

**Deadline: February 14, 2007**

The purpose of this program is to foster interdisciplinary studies to improve our understanding of the interactions between the economic and environmental components important to the long-term viability, competitiveness and efficiency of small and medium-sized farms (including social, biological and other components, if necessary). While small and medium-sized farms account for less than 25 percent of the value of all agricultural products sold in the United States, the long-term viability of these farms is critical to the prosperity of rural people and places as these farms account for approximately 92 percent of all farms in the United States

For further information: <http://www.csrees.usda.gov/fo/fundview.cfm?fonum=1200>

## **Doctoral Dissertation Awards**

State Farm Companies Foundation

**Deadline: March 31, 2007**

The State Farm Companies Foundation provides awards for doctoral candidates whose dissertation topics relate to insurance and risk management or business. The award is designed to stimulate research and development of new knowledge in the fields of insurance and business, and to increase the number of qualified teachers of insurance and business at U.S. colleges and universities. Awards are given in the two categories of (1) business and (2) insurance and risk management.

For further Information: <http://www.statefarm.com/foundati/doctoral.htm>

## **Grants**

Walker Foundation, Alex C.

**Deadline: April 1, 2007**

The Alex C. Walker Foundation awards grants to (1) investigate the causes of economic imbalances; (2) investigate the effect of the monetary system in fostering a sustainable economy; (3) investigate causes tending to destroy or impair the free-market system; (4) explore and develop free-market solutions; and (5) disseminate information on the results and findings.

The foundation funds two categories of projects: traditional economics and ecological economics with a free-market orientation. The foundation seeks market approaches for addressing economic imbalances and protecting the environment.

Approved projects deal with the research and development of innovative ideas, and the application of ideas developed through seed grants and research.

No grants are awarded for endowment, building funds, or to individuals.

For further information: <http://walker-foundation.org/net/content/page.aspx?s=5530.0.0.5316>

### **Herman Kahn Fellowship in Economic Development and Urban Planning**

Hudson Institute

**Deadline: April 1, 2007**

This fellowship is designed to support research focused on assessing national and regional economic issues. Topics of interest as they relate to economic growth and change include, but are not limited to,

- workforce development;
- demographic trends;
- social trends and their impact on the economy;
- urban studies;
- federal fiscal and monetary policy;
- regulatory reform; and
- state and local economic development.

For more information:

[http://www.hudson.org/learn/index.cfm?fuseaction=position\\_details&pid=HermanKahn](http://www.hudson.org/learn/index.cfm?fuseaction=position_details&pid=HermanKahn)

## EDUCATION

### **Dissertation Grants Program**

American Educational Research Association (AERA)

**Deadline: March 1, 2007**

No researcher may have AERA Grants Program funding for separate awards (grants or fellowships) that overlaps. An individual researcher may receive no more than two postdoctoral awards through the AERA Grants Program (i.e., research grant, postdoctoral fellowship, research fellowship, AERA fellowship). Dissertation Grants and participation in the Statistics Institute do not count in the maximum award limit.

With support from the National Science Foundation (NSF) and the National Center for Education Statistics (NCES) of the Institute of Education Sciences, the American Educational Research Association (AERA) Grants Program announces its Dissertation Grants Program. The program's goals are (1) to stimulate research on U.S. education policy- and practice-related issues using NCES and NSF data sets; (2) to improve the educational research community's firsthand knowledge of the range of data available at the two agencies and how to use them; and (3) to increase the number of educational

researchers using the data sets. AERA invites education policy- and practice-related dissertation proposals using NCES, NSF, and other national data bases.

Dissertation Grants are intended to support advanced doctoral students while writing the doctoral dissertation. Applications are encouraged from a variety of disciplines, such as but not limited to, education, sociology, economics, psychology, demography, statistics, and psychometrics. Dissertation topics may cover a wide range of policy- or practice-related issues that include but are not limited to: teachers and teaching, including supply, quality, and demand; policies and practices related to student achievement and assessment; policies and practices that influence student and parental attitudes; contextual factors (individual, curricular, and school-related) in education; educational participation and persistence (kindergarten through career entry); at-risk students; early childhood education; U.S. education in an international context; school finance; materials (curriculum) development, research and informal science education; undergraduate science, engineering, and mathematics education; the supply (pipeline) of students taking mathematics and science courses; the quality of educational institutions; and methodological studies. Researchers must include the analysis of data from at least one NSF or NCES data set in the dissertation. Additional large-scale nationally representative data sets may be used in conjunction with the obligatory NSF or NCES data set. If international data sets are used, the study must include U.S. education.

Successful grantees may consult with NCES or NSF staff regarding their proposed research projects and the handling of NCES, NSF, and other federal agency data sets pertinent to their projects. Dissertation grantees' final reports may either be an article of a quality and in a format suitable for publication in a scholarly journal, or a copy of the dissertation.

For more information:

[http://www.aera.net/grantsprogram/res\\_training/diss\\_grants/DGFly.html](http://www.aera.net/grantsprogram/res_training/diss_grants/DGFly.html)

### **Scholarly Communications**

Mellon Foundation, Andrew W.

**Deadline:** Continuous. Letters of inquiry are welcome and reviewed throughout the year. However, because the foundation is rarely able to respond positively to unsolicited requests, prospective applicants are encouraged to explore their ideas informally with foundation staff in a short letter or e-mail describing the project and budget before submitting formal proposals.

As part of the Mellon Foundation's support for higher education, the Scholarly Communications program focuses broadly on all stages in the life cycle of scholarly resources. The program complements fellowships and other kinds of support for research and teaching at research universities, liberal arts colleges, independent research centers, libraries, and museums by promoting the cost-effective creation, dissemination,

accessibility, and preservation of high-quality scholarly resources in humanistic studies broadly defined.

Grantmaking occurs principally in five main categories: new methods of creating scholarly resources, innovations in scholarly publication, cataloging and other forms of access, preservation, and research and evaluation. The Foundation is especially interested in developments that use forms of scholarly communications to stimulate collaborations among scholars and scholarly institutions in ways that substantially advance knowledge; foster the means economically to sustain forms of scholarly communication; and apply technology to forms of scholarly communications in order to improve quality, lower costs, speed up work, open new perspectives, or make work possible that would otherwise be difficult or impossible.

For further information:

[http://www.mellon.org/grant\\_programs/programs/scholarlycommunications](http://www.mellon.org/grant_programs/programs/scholarlycommunications)

### **Program for North American Mobility in Higher Education - 84.116N**

United States Department of Education (ED)

**Deadline: April 13, 2007**

This program is a Special Focus Competition to support projects addressing a particular problem area or improvement approach in postsecondary education. The competition also includes an invitational priority to encourage proposals designed to support the formation of educational consortia of American, Canadian, and Mexican institutions to encourage cooperation in the coordination of curricula, the exchange of students and the opening of educational opportunities throughout North America. The invitational priority is issued in cooperation with Canada and Mexico.

For further information:

<http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/E6-21993.htm>

## ENGINEERING & COMPUTER SCIENCE

### **Environmental Sustainability**

National Science Foundation (NSF)

**Deadline: March 1, 2007**

The Environmental Sustainability program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that also are compatible with sustaining natural (environmental) systems, which provide ecological services vital for human survival. The long-term viability of natural capital is critical for many areas of human endeavor, including agriculture, industry, and tourism. Research in Environmental Sustainability considers long time horizons and incorporates contributions

from the social sciences and ethics.

This program supports engineering research that seeks to balance society's need to provide ecological protection and maintain stable economic conditions. Research is encouraged to advance the next generation of water and wastewater treatment that will decrease material and energy use, consider new paradigms for delivery of services, and promote longer life for engineered systems.

Other activities of interest include:

- advancing engineering methods to promote smart growth strategies,
- integrating economic development and protection of natural resources,
- regenerating ecological functions of degraded environments,
- understanding how large complex environmental systems behave, and
- developing effective principles for adaptive management of such systems.

For further information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=501027&org=NSF&sel\\_org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027&org=NSF&sel_org=NSF&from=fund)

### **Opportunities for Collaboration Between NSF and NIST - NSF 05-596**

National Science Foundation (NSF)

**Deadline: March 1, 2007**

The purpose of the Memorandum of Understanding (MOU) between the National Science Foundation (NSF) and the National Institute of Standards and Technology (NIST) is to facilitate collaboration and program coordination between the two agencies to help fulfill their missions. Such cooperation will strengthen the science and engineering programs at NSF and the measurement, standards, and technology programs at NIST by accelerating the development of the critical measurement science infrastructure and standards necessary for advancing and disseminating fundamental and applied science and technology research for the benefit of the United States. Collaboration in various areas of science and technology relevant to the missions of the two agencies is anticipated.

For further information: <http://www.nsf.gov/pubs/2005/nsf05596/nsf05596.htm>

### **Sensor Technologies for Civil and Mechanical Systems (STCMS)**

National Science Foundation (NSF)

**Deadlines: March 1, 2007**

The Sensor Technologies for Civil and Mechanical Systems (STCMS) program element supports research on acquiring and using information about civil and mechanical systems to improve their safety, reliability, cost, and performance. This includes research that extends the knowledge base for development of advanced sensors for solution of inverse problems related to system identification and characterization, and for implementation of

real-time, autoadaptive system performance capabilities that use the sensed information. Examples of research areas to be supported include innovative developments in sensor technologies, analytical strategies for CMS monitoring, and active noise and vibration control technologies.

For further information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13349&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13349&org=NSF&from=fund)

### **Research on Gender in Science and Engineering (GSE) - NSF 07-501**

National Science Foundation (NSF)

**Deadline: April 2, 2007**

The program seeks to broaden the participation of girls and women in all fields of science, technology, engineering, and mathematics (STEM) education by supporting research, dissemination of research, and extension services in education that will lead to a larger and more diverse domestic science and engineering workforce. Typical projects will contribute to the knowledge base addressing gender-related differences in learning and in the educational experiences that affect student interest, performance, and choice of careers; and how pedagogical approaches and teaching styles, curriculum, student services, and institutional culture contribute to causing or closing gender gaps that persist in certain fields. Projects will disseminate and apply findings, evaluation results, and proven good practices and products.

The Research on Gender in Science and Engineering program has been funding these objectives since 1993, under the prior names "Program for Women and Girls", "Program for Gender Equity in Science, Mathematics, Engineering, and Technology", and "Gender Diversity in STEM Education".

The program for Research on Gender in Science and Engineering seeks to build resources - developing the nation's knowledge capital, social capital, and human capital - toward the goal of broadening the participation of girls and young women in STEM education from kindergarten through undergraduate education.

The GSE program supports activities that address the following types of objectives.

#### 1. Research

- To discover and describe gender-based differences and preferences in learning science and mathematics in K-16 and factors that affect interest, performance, and choice of STEM study and careers in fields where there are significant gender gaps;

- To discover and describe how experiences and interactions in informal and formal educational settings inhibit or encourage interest and performance of students based on gender;

- To increase the knowledge about organizational models that lead to more equitable and inviting STEM educational environments in K-16;

- To increase the knowledge of the process of institutional change required to achieve more equitable and inviting STEM educational environments in K-16.

## 2. Outreach and Communication

- To extend to significant audiences awareness and information about research-based and demonstrated strategies and practices to increase the participation of girls and women in STEM education and workforce, in order to inform educational practice;

- To catalyze new thinking and future action among educational institutions by convening conferences, workshops, or symposia that are not possible at regular meetings of professional societies.

## 3. Extension Services

- To integrate various findings about gender in science and engineering into a unified program of change; to facilitate the interpretation of research knowledge into practice;

- To provide consulting services within a certain geographic region or within a community of practice, explaining in simple language the practical meaning and benefits of adopting programs, tools, or approaches that enhance the interest and persistence of female students in STEM studies through the undergraduate level, in those fields where they are underrepresented;

- To show educators how to adapt exemplary projects, research-based learning tools, pedagogical approaches, and service or support programs; and

- To communicate back to researchers the problems that practicing educators find most urgent or troublesome in adopting the new methods or tools.

For further information: <http://www.nsf.gov/pubs/2007/nsf07501/nsf07501.htm>

### **Bernard M. Gordon Prize for Innovation in Engineering and Technology Education**

National Academy of Engineering (NAE) Awards

**Deadline: April 7, 2007**

Inaugurated in 2001 by the NAE, the intent of the Bernard M. Gordon Prize for Innovation in Engineering and Technology Education is to recognize new modalities and experiments in education that develop effective engineering leaders. The focus is on innovations such as curricular design, teaching methods, and technology-enabled learning that strengthen students' capabilities and desire to grow into leadership roles.

For further information: <http://www.nae.edu/nae/awardscom.nsf/weblinks/DWHT-4UJPVA?OpenDocument>

## HUMANITIES

### ***We the People* Challenge Grants in United States History, Institutions, and Culture**

National Foundation for the Arts and the Humanities

**Deadline: February 1, 2007**

As part of its *We the People* initiative, the National Endowment for the Humanities (NEH) is inviting proposals for challenge grants designed to help institutions and organizations secure long-term improvements in and support for humanities activities focused on exploring significant themes and events in American history. NEH is particularly interested in projects that advance knowledge of the founding principles of the United States in their full historical and institutional context. Grants can be used to support construction and renovation, acquisition of materials and equipment, and direct expenditures through long-term depleting or bridging funds. Grants can also be used to establish endowments which generate expendable earnings for program activities. Because of the matching requirements, these NEH grants also strengthen the humanities by encouraging nonfederal sources of support.

For further information: <http://www.neh.gov/grants/guidelines/wtpchallenge.html>

### **Humanities Program Grants - Major Grants**

Kansas Humanities Council (KHC)

**Deadline: February 2, 2007**

Major Grants support lecture series, conferences, scholar residencies, exhibits, media productions, and other projects that engage the general public with the humanities. Media projects involve the production of audio or videotapes, films, or live programming for radio and television.

The humanities are central to the project. Projects should apply the insights and methods of the humanities to the exploration of a well-defined topic. The Kansas Humanities Council (KHC) encourages projects that use the humanities to shed light on contemporary issues and public policy questions, as well as those that enrich our appreciation of our history, culture, and traditions. The humanities include

- history;
- literature;
- philosophy;
- languages;
- linguistics;
- jurisprudence (law);
- archeology;

- the history and philosophy of art, medicine, and science;
- folklore;
- religious studies; and
- women's and minority studies.

Social sciences that take a philosophical or qualitative approach, such as political science, sociology, cultural anthropology, and archeology, are also considered humanities fields.

For further information:

<http://www.kansashumanities.org/grants/humanities/humanities.html>

### **Parsons Fund Award**

Library of Congress

American Folklife Center

**Deadline: March 10, 2007**

The Parsons Fund Committee for the Gerald E. and Corinne L. Parsons Fund for Ethnography at the Library of Congress invites applications for awards. The purpose of the fund is to make the collections of primary ethnographic materials housed anywhere at the Library of Congress available to the needs and uses of those in the private sector.

Projects may lead to publication in media of all types, both commercial and non-commercial; underwrite new works of art, music, or fiction; involve academic research; contribute to the theoretical development of archival science; explore practical possibilities for processing ethnographic collections in the Archive of Folk Culture or elsewhere in the Library of Congress; develop new means of providing reference service; support student work; experiment with conservation techniques; and support ethnographic field research leading to new library acquisitions.

For further information: <http://www.loc.gov/folklife/grants.html>

### **Fellowships and Faculty Research Awards**

National Foundation for the Arts and the Humanities; National Endowment for the Humanities (NEH); Division of Research Programs

**Deadline: May 1, 2007**

Fellowships and Faculty Research Awards support individuals pursuing advanced research in the humanities that contributes to scholarly knowledge or to the general public's understanding of the humanities. Recipients usually produce scholarly articles, monographs on specialized subjects, books on broad topics, archaeological site reports, translations, editions, or other scholarly tools. Fellowships support full-time work on a humanities project for a period of six to twelve months.

For more information: <http://www.neh.gov/grants/guidelines/fellowships.html>

## FINE ARTS

### **National Award for Museum Service**

Institute of Museum and Library Services (IMLS)

**Deadline: February 15, 2007**

The National Award for Museum Service honors museums that demonstrate an institutional commitment to public service with innovative programs that address social, economic, or environmental issues.

For further information: <http://www.ims.gov/about/awards.shtm>

### **New Works: Creation and Presentation Program**

Chamber Music America (CMA)

**Deadline: February 28, 2007**

Chamber Music America's New Works: Creation and Presentation Program supports the creation and performance of ensemble works in the jazz idiom.

For further information: [http://www.chamber-music.org/programs/gr\\_jazz.html](http://www.chamber-music.org/programs/gr_jazz.html)

### **Fellowships for Creative Writers**

National Foundation for the Arts and the Humanities

**Deadline: March 1, 2007**

The National Endowment for the Arts (NEA) Literature Fellowships are awarded annually to creative writers and translators. Each fellowship area is offered every other year. The Literature Fellowships for FY 2007 (described in this record) will be offered in the field of poetry. Fellowships in prose (fiction and creative nonfiction) or poetry are available to published creative writers of exceptional talent. Fellowships enable recipients to set aside time for writing, research, travel, and general career advancement. Fellowships for Creative Writers are for \$20,000.

For further information: <http://www.arts.endow.gov/grants/apply/Lit06/>

### **Exhibition Awards**

Tremaine Foundation, Emily Hall Art Programs

**Deadline: March 3, 2007**

The Exhibition Award applications will be accepted on a biennial basis from any curator applying in partnership with an established non-profit exhibition space. The Tremaine Foundation invites potential candidates to develop those thematic concepts of which they

have always dreamed, to rise above the conventional by the exploration and submission of ideas reflecting a unique vision.

The foundation encourages applicants to think expansively, moving beyond existing priorities and opportunities. Through the award, the foundation seeks to give life to those thematic shows that are sufficiently experimental, challenging, and focused in their theses for which funding is not yet forthcoming. This award is intended to provide funding for exhibitions at the beginning stage of their development and to provide the curator with the support needed to fully explore the concept and realize the exhibition.

The proposal should be for a strong, thematic exhibition that puts the works of contemporary art or architecture in a new or unconventional aesthetic, historical, cultural, or social framework.

For further information: <http://www.tremainefoundation.org/art/awards.asp>

### **Nakamichi Foundation Grants**

Nakamichi Foundation, E.

**Deadline: March 15, 2007**

The E. Nakamichi Foundation was established to encourage the propagation and appreciation of baroque and early classical music. Therefore, the majority of grants are given to qualified organizations for the purpose of underwriting performances of baroque and classical music or their broadcast on public television or radio.

For further information: <http://www.enfoundation.com/>

### **Creative Connections**

Meet the Composer

**Deadline: April 1, 2007**

Creative Connections provides support for U.S. composers to participate in public activities related to specific performances of their original music. By supporting the composer's interaction with audiences, performers, arts organizations, and local communities, Creative Connections aims to increase public awareness and enhance the creative artist's role in society.

For further information:

<http://www.meetthecomposer.org/programs/creativeconnections.htm>

### **Regional Touring Program**

MAAA

Deadline: First-come, first-serve basis beginning February 1, 2007 through April 30, 2007, or when funds have been depleted

The Regional Touring Program enriches the cultural life of communities in a six-state region (Arkansas, Kansas, Missouri, Nebraska, Oklahoma, Texas) through support of touring performing arts programs.

In partnership with the National Endowment for the Arts Regional Touring Program, the Mid-America Regional Touring Program supports performing artists fees for presenters of all sizes and types. Presentations of any professional performing artist or company outside the presenter's state are considered.

Special incentives are provided for engaging performing artists from within the Mid-America region and additional incentives are provided to rural or economically distressed communities.

For more information: <http://www.maaa.org/rtp/index.html>

### INTERNATIONAL AREA STUDIES

#### **Scholarships for Postgraduate/Postdoctoral Studies in Greece Offered to Nationals of the European Union Member States, Switzerland, USA, Canada, Australia, New Zealand and Japan**

Republic of Greece State Scholarships Foundation (IKY)

**Deadline: February 28, 2007**

Greece's State Scholarships Foundation (I.K.Y.) offers scholarships for nationals (foreigners or of Greek origin) of the European Union Member States, Switzerland, the United States, Canada, Australia, and Japan for studies in Greece.

In particular, the following scholarships will be offered:

- a) Doctoral (Ph.D.) studies for one to four years, or postgraduate studies leading to a second master's degree instead of doctoral studies, for one to three years
- b) Postdoctoral research studies for six months to one year
- c) Further education in Greek language, literature, philosophy, history, and art for professors of Greek in foreign universities, for six months to one year
- d) Attendance of seminars for specialization in the fine arts, for one to two years
- e) Collection of research data for applicants who are conducting Ph.D. studies in their country, for one year

Scholarships for categories (b), (c), (d) and (e) are for non-degree programs.

The field of study must be one of those available at Greek universities.

For further information: <http://www.iky.gr/scholarships/allodapoi/default.htm>

### **Transatlantic Policy Research Program**

German Marshall Fund of the United States

**Deadline: March 1, 2007**

The German Marshall Fund of the United States (GMF) announces a call for proposals for a new program of transatlantic policy research conferences. This new program will replace the Research Fellowship Program and is part of an effort to encourage greater exchange between the university and policymaking communities. The aim of this program is to support research-driven conferences of scholars and policymakers working on transatlantic policy issues that will be selected and change on a yearly basis. GMF will consider proposals in three areas:

1. Democracy promotion
2. Immigration
3. Economic competitiveness policy

For further information: <http://www.gmfus.org/fellowships/research.cfm>

### **Public Affairs/Education**

Japan-United States Friendship Commission (JUSFC)

**Deadline: March 1, 2007**

The commission believes that new and imaginative efforts are required to broaden understanding by the American public at large of the culture, society, history and institutions of the Japanese people and of current and future issues in the broad political and economic relationship between the two countries. Such understanding, and the opportunities for creating it, remain seriously underdeveloped when measured against either the Japanese people's general knowledge of the United States, or the facilities for study of Japan at America's leading universities. The commission therefore will consider proposals along these lines from organizations promising a national or major regional impact in the United States. Programs fall under the following major sub-areas: Outreach Programs; Media; and Counterpart Exchanges.

For further information:

<http://www.jusfc.gov/currentprogramguidelines.asp?name=publicaffairs>

### **Ed A. Hewett Policy Fellowship**

National Council for Eurasian and East European Research (NCEEER)

**Deadline: March 15, 2007**

The Ed A. Hewett Policy Fellowship program of the National Council of Eurasian and East European Research (NCEEER) supports research on the countries of the former Soviet Union (FSU), Southeastern Europe or Central and Eastern Europe (CEE), conducted under the auspices of and placement in a U.S. government agency, embassy, or field office of a U.S. nongovernmental organization in these regions.

Please note that research on the following countries will not be supported: Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovakia, and Slovenia.

For further information: [http://www.nceer.org/Programs/ed\\_hewett\\_fellowship.htm](http://www.nceer.org/Programs/ed_hewett_fellowship.htm)

## MEDECINE & LIFE SCIENCES

### **NIAMS Small Grant Program For New Investigators (R03)**

Department of Health and Human Services (HHS)

**Deadline: February 23, 2007**

The National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) Small Grant program (R03) is designed to facilitate the entry of promising new investigators into research on arthritis and musculoskeletal and skin diseases and injuries by providing support for pilot research that is likely to lead to a subsequent individual research project grant (R01). Brief summaries of the focuses of the NIAMS' Extramural Program branches are listed below:

#### Rheumatic Diseases

The mission of the Rheumatic Diseases Branch is to promote and support research leading to prevention, diagnosis and cure of rheumatic and related diseases. The Branch supports basic, epidemiologic, and clinical research on etiology, pathogenesis, course, interventions, and outcomes in rheumatic and related diseases.

#### Muscle Biology

The Muscle Biology Branch encourages and supports research on skeletal muscle, its diseases and disorders, and its central role in human physiology and exercise. Topics include the molecular structure of muscle and the molecular mechanisms that produce force and motion. One focus of this program is understanding the alterations in muscle resulting from increased exercise regimens and, conversely, the atrophy that follows immobilization during injury or illness.

#### Musculoskeletal Diseases

This Branch supports studies of the skeleton including bones, joints and associated connective tissues. Broad areas of interest include skeletal development, metabolism, mechanical properties, and responses to injury. Clinical and basic research in the areas of osteoporosis and orthopaedic sciences are of particular interest under this program. Other musculoskeletal disorders of interest include osteoarthritis, osteogenesis imperfecta, and Paget's disease. The Program supports research in the area of acute and chronic injuries of the musculoskeletal system including work related and repetitive stress injuries. Research proposals related to the development of new technologies with the potential to improve treatment and/or diagnosis of skeletal disorders and to facilitate the repair of

trauma in the normal skeleton are of great interest. In addition, bioengineering, sports medicine and musculoskeletal fitness are areas of special research emphasis.

#### Skin Diseases

This Branch supports basic and clinical studies of the skin in normal and disease states. The wide range of skin diseases under study with NIAMS support includes keratinizing disorders such as psoriasis and ichthyosis, atopic dermatitis and other chronic inflammatory skin disorders, the vesiculobullous diseases such as epidermolysis bullosa and pemphigus, acne, and vitiligo.

For further information: <http://grants.nih.gov/grants/guide/pa-files/PA-06-383.html>

#### **Summer Internship Program in Biomedical Research**

Department of Health and Human Services (HHS); National Institutes of Health (NIH)

**Deadline: March 1, 2007**

The National Institutes of Health (NIH) in Bethesda, Maryland, is pleased to announce the Summer Internship Program (SIP) in Biomedical Research. The NIH is the world's largest biomedical research institution, an agency of the U.S. Department of Health and Human Services. The NIH is also home to the Warren Grant Magnuson Clinical Center, a hospital devoted entirely to clinical research. Through a variety of programs and initiatives, the NIH is committed to providing opportunities that will encourage students at all levels to consider careers in biomedical research.

The Summer Internship Program in Biomedical Research is intended to provide exciting research experiences in the laboratories in Bethesda as well as selected off-campus locations. In this program, students work side by side with some of the leading scientists and researchers in the world. In addition to the laboratory experience, students have an opportunity to attend a summer seminar series where senior NIH investigators discuss the latest developments in biomedical research. Summer internships generally last from 8 to 10 weeks, beginning in late May and ending in mid- to late August. Some flexibility exists to accommodate student needs.

Summer internship coordinators and their contact information may be found at <http://www.training.nih.gov/student/summercoords.asp>. At the time of application, students must be currently enrolled at least half time in high school, college, or graduate school. High school students should be at least 16 years of age prior to June 1.

For more information: <http://www.training.nih.gov/student/sip/index.asp>

### **National Center for Complementary and Alternative Medicine - STTR/SBIR**

Department of Health and Human Services (HHS); National Institutes of Health (NIH); National Center for Complementary and Alternative Medicine (NCCAM); Small Business Technology Transfer Research (STTR)/Small Business Innovation Research (SBIR)

**Deadline: April 5, 2007;** August 5, 2007; December 5, 2007

The mission of the National Center for Complementary and Alternative Medicine (NCCAM) is to explore complementary and alternative healing practices in the context of rigorous science; educate and train complementary and alternative medicine (CAM) researchers; and disseminate authoritative information to the public and professionals. CAM encompasses those healthcare and medical practices that are not currently an integral part of conventional medicine. The list of practices that are considered CAM changes continually as CAM practices and therapies that are proven safe and effective become accepted as "mainstream" healthcare practices. NCCAM groups these practices within five major domains: alternative medical systems (for example, traditional Chinese medicine, Ayurveda); mind-body interventions (for example, meditation and biofeedback); biologically based treatments (for example, herbal therapies and special diets); manipulative and body-based methods (for example, chiropractic and massage); and energy therapies (for example, Reiki and Qi gong).

NCCAM encourages innovative basic, preclinical, and early phase clinical studies that can ultimately lead to a commercializable CAM product. Included are applications that propose to develop and validate methods for chemical and biological identification of active ingredients in natural products, their mechanisms of action and interaction, bioavailability, and distribution, and to develop standardized, research-grade natural products.

For more information: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-033.html>

### **NIH Support for Conferences and Scientific Meetings - R13/U13**

Sponsor: Department of Health and Human Services (HHS); National Institutes of Health (NIH)

**Deadline: April 12, 2007;** August 12, 2007

The National Institutes of Health (NIH) recognizes the value of supporting high quality conferences and scientific meetings that are relevant to its scientific mission and to the public's health. A conference/scientific meeting is defined as a gathering, symposium, seminar, scientific meeting, workshop or any other organized, formal meeting where

persons assemble to coordinate, exchange, and disseminate information or to explore or clarify a defined subject, problem, or area of knowledge.

Advance permission to submit an application is required for all NIH conference grant applications, including new, resubmission (formerly “revision/amended”), renewal (formerly “competing continuation”), and revision (formerly “supplemental”) applications. Advance permission to submit an application should be requested early in the process and no later than six weeks before the receipt date. The letter from an NIH Institute or Center documenting advance permission to submit an application must be submitted with the application. All applicants must include the advance permission letter from the NIH staff member who has agreed to accept assignment of the application. The NIH staff member granting advance permission must be one of the contacts designated at the NIH Conference Grant Web site, <http://grants.nih.gov/grants/funding/r13/index.htm>. Attach the letter as part of the PHS 398 Cover Letter component (PDF). If an application is received without a permission letter, it will not be accepted for review. Note that advance permission to submit an application does not guarantee funding.

The application will be assigned based on NIH Receipt and Referral Guidelines. This means that other ICs or Offices at NIH could be given dual assignments and have the opportunity to co-fund the conference. Only one advance permission letter is required per application. Dual assignments do not require advance permission to submit an application.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-041.html>

### **NLM Grants for Scholarly Works in Biomedicine and Health**

Department of Health and Human Services (HHS); National Institutes of Health (NIH); National Library of Medicine (NLM)

#### **Deadline: June 1, 2007**

(Deadlines for new applications are: February 1, June 1 and October 1; Deadlines for revised applications are: March 1, July 1, and November 1.)

The National Library of Medicine (NLM) awards small grants for the preparation of book-length manuscripts and other scholarly works of value to U.S. health professionals, public health officials, biomedical researchers, and historians of the health sciences. Grants are awarded for major critical reviews, state-of-the-art summaries, historical studies, and other useful organizations of knowledge in clinical medicine, public health, biomedical research, and the informatics/information sciences relating to them. The scholarly work may be prepared for publication in print or non-print media, or both. This funding opportunity will use the G13 award mechanism.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PAR-05-025.html>

## PHYSICAL SCIENCES & MATHEMATICS

### **Marine Geology and Geophysics**

National Science Foundation (NSF)

**Deadline: February 15, 2007**

The Marine Geology and Geophysics program supports research on all aspects of geology and geophysics of the ocean basins and margins, as well as the Great Lakes.

The program includes structure, tectonic evolution, and volcanic activity of the ocean basins, the continental margins, the mid-ocean ridges, and island arc systems; processes controlling exchange of heat and chemical species between seawater and ocean rocks; genesis, chemistry, and mineralogic evolution of marine sediments; processes controlling deposition, erosion, and transport of marine sediments; evolution of marine biota, especially microfossils, and their utility as environmental and climatic indicators; past ocean circulation patterns and climates; and interactions of continental and marine geologic processes.

In conjunction with ongoing research, the program also supports purchase and development of instrumentation, software and database development, and workshop activities.

For further information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11726&org=GEO&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11726&org=GEO&from=fund)

### **Emerging Models and Technologies for Computation (EMT) - NSF 07-523**

National Science Foundation (NSF)

**Deadline: February 14, 2007**

This cluster seeks to advance the fundamental capabilities of computer and information sciences and engineering by capitalizing on advances and insights from areas such as biological systems, quantum phenomena, nanoscale science and engineering, and other novel computing concepts. To bring fundamental changes to software, hardware, and architectural design aspects of future computing models, collaborations among computer scientists, engineers, mathematicians, biologists, and other disciplinary scientists are imperative.

Research of interest should move beyond evolutionary technological advances to innovations that enable fundamentally different ways of computing. These innovations should promise much higher speeds/chip densities or should solve more complex problems than traditional approaches currently permit.

The cluster supports cross- and interdisciplinary research and education projects that

explore ideas, theory, and experiments that go beyond conventional wisdom and venture into a range of uncharted territories in order to advance computing capabilities, or that produce innovative curricula or educational materials to help advance the training of new experts in emerging computing models and technologies. Explicit efforts will be made to support untested theories and approaches that provide plausible but high-risk opportunities. Proposals that are not clearly collaborative or interdisciplinary in nature are likely to be less competitive.

NSF 07-523 replaces NSF 05-626

CFDA 47.070

For further information: <http://www.nsf.gov/pubs/2007/nsf07523/nsf07523.htm>

### **Energy for Sustainability**

National Science Foundation (NSF)

**Deadline: March 1, 2007**

The Energy for Sustainability program supports fundamental research and education in energy production, conversion, and storage and is focused on energy sources that are environmentally friendly and renewable. Most world energy needs are currently met through the combustion of fossil fuels. With projected increases in global energy needs, more sustainable methods for energy production will need to be developed, and production of greenhouse gases will need to be reduced.

Sources of sustainable energy include sunlight, wind, and biomass. Hydrogen and alcohols are potential energy carriers that can be derived from renewable sources. Research to produce and store hydrogen for use in direct combustion or in fuel cells is supported by the program. Potential sources of hydrogen include conversion from biomass and from electrolysis, photolysis or thermolysis of water. Biomass is available from agricultural crops and residues, forest products, aquatic plants, and municipal wastes. In addition to hydrogen, biomass can be a source of liquid, solid and gaseous fuels including biofuels such as ethanol. Fuel cells have the potential to convert fuels such as hydrogen and alcohols to electricity at high efficiencies and should play an increasing role in energy conversion. Critical components of low temperature fuel cells requiring additional research include catalysts, membranes, and electrolytes.

Advances in these areas are needed to address key challenges in efficiency, durability, power density, and environmental impacts. The engineering aspects of fuel-cell design and operation also require further study in areas such as water and thermal management and process control. Wind power is a growing source of electrical energy. Increased efficiency requires a fundamental knowledge of the interaction of wind with the blade structure. Understanding the fluid flow, and optimizing blade design are important aspects in developing more efficient wind generators. Photovoltaic devices have the potential to supply a significant fraction of electrical energy to the power grid. Although

silicon-based materials have been most widely used, other semiconducting materials and titanium dioxide also have potential. New materials and fabrication techniques for solar energy conversion are supported by the program.

For further information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=501026&org=NSF&sel\\_org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501026&org=NSF&sel_org=NSF&from=fund)

### **Dynamical Systems Program (DSP)**

National Science Foundation (NSF)

**Deadline: March 1, 2007**

The Dynamical Systems program supports fundamental advances in the understanding, design and operation of dynamic systems, including acoustics, vibrational response, and kinematic relationships; active noise and vibration control technologies; modeling and simulation of nonlinear time-varying and distributed systems.

For further information: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13574](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13574)

### **Nano and Bio Mechanics**

National Science Foundation (NSF)

**Deadline: March 1, 2007**

The Nano and Bio Mechanics (NBM) program element supports research in mechanical properties of engineering materials and systems containing nanoscale features, such as grains, layers, precipitates or composites; mechanical properties of biological materials, which include cell, tissues, muscles, bones and prosthetic implants; design of materials suitable for prosthetic implants; relationship between nanomechanics, adhesion and tribological properties; effects of environment, surface chemistry and temperature; computational and experimental tools to study nano and bio mechanics of materials.

For further information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13523&org=NSF&sel\\_org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13523&org=NSF&sel_org=NSF&from=fund)

### **Research Grants - Young Investigators' Grants and Program Grants**

Human Frontier Science Program Organization (HFSP)

**Deadline: March 22, 2007**

Research Grants provided by the Human Frontier Science Program (HFSP) support basic research in the life sciences with emphasis placed on novel, innovative, and interdisciplinary approaches that involve scientific exchanges across national and

disciplinary boundaries.

Recent developments in the biological and physical sciences, in emerging disciplines such as computational biology and nanoscience, open up new approaches to understanding these mechanisms of living organisms and there is a clear need for participation of scientists from outside the life sciences to understand the complex structures and regulatory networks that characterize the living state. The HFSP aims to support research into fundamental biological problems with the involvement of other disciplines such as chemistry, physics, mathematics, computer science, or engineering.

To stimulate novel, daring ideas and innovative approaches, preliminary results are not required in research grant applications.

For further information: [grant@hfsp.org](mailto:grant@hfsp.org)

**Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences (UBM) - NSF 07-539**

National Science Foundation (NSF)

**Deadline: April 4, 2007**

The goal of the Undergraduate Biology and Mathematics (UBM) activity is to enhance undergraduate education and training at the intersection of the biological and mathematical sciences and to better prepare undergraduate biology or mathematics students to pursue graduate study and careers in fields that integrate the mathematical and biological sciences. The core of the activity is long-term research experiences for interdisciplinarily balanced cohorts of at least four undergraduates. Projects should focus on research at the intersection of the mathematical and biological sciences. Projects should provide students exposure to contemporary mathematics and biology, addressed with modern research tools and methods. That is, projects must be genuine research experiences rather than rehearsals of research methods. Projects must involve students from both areas in collaborative research experiences and include joint mentorship by faculty in both fields. In addition, it is expected that projects will strengthen the research and education capacity, infrastructure, and culture of the participating institutions. To this end, projects should create models for education in the mathematical and biological sciences and influence the direction of academic programs for a broad range of students. UBM is a joint effort of the Education and Human Resources (EHR), Biological Sciences (BIO), and Mathematical and Physical Sciences (MPS) directorates at the National Science Foundation (NSF).

For further information: <http://www.nsf.gov/pubs/2007/nsf07539/nsf07539.htm>

## SOCIAL SCIENCES

### **Research Grants**

Foundation for the Future

**Deadline: April 30, 2007**

The Foundation for the Future has developed a research grant program to provide financial support to scholars undertaking research that is directly related to a better understanding of the factors affecting the quality of life for the long-term future of humanity.

The foundation invites applications in one or more of the following categories:

1. Future of Humanity Research Programs
2. International Collaboration on the Future of Humanity

The first category includes all of those fields that may have a significant impact on the quality of human life during the new millenia. Areas of interest within the physical and social sciences include, but are not limited to, research into the social, genetic, biological, medical, psychological, physiological, cultural, and environmental factors that may affect the quality of the human condition.

Projects in the second category include those that develop international collaboration through cooperative research, or those that enable individuals at smaller institutions to participate in international future of humanity research projects.

Types of grants include:

1. New Futures/Special Projects Grants
2. Future of Humanity Grants

The first type of grants is seed money grants for new scholars, new projects, and new organizations. The second type consists of funding for established scholars, significant research projects, and established organizations.

For more information: [http://www.futurefoundation.org/awards/rga\\_home.htm](http://www.futurefoundation.org/awards/rga_home.htm)

### **Dissertation Fieldwork Grants**

Wenner-Gren Foundation for Anthropological Research, Inc.

**Deadline: May 1, 2007; November 1, 2007**

The Wenner-Gren Foundation pursues its two major goals - advancing basic research in anthropology and building an international community of anthropologists - through several funding programs.

Dissertation Fieldwork Grants are awarded to individuals to aid doctoral dissertation or

thesis research. Grants cover research expenses directly related and essential to the project (i.e., travel, living expenses during fieldwork, equipment, supplies, research assistance, and other relevant expenditures). Aid is not provided for salary or fringe benefits of applicant, tuition, non-project personnel, travel to meetings, institutional overhead, or institutional support. Low priority is given to dissertation writeup or other support for writing (except under the Hunt Fellowship), publication assistance, and film- or video-making (unless inherent to the research project).

For more information:

[http://www.wennergren.org/programs/programs\\_show.htm?doc\\_id=367834&attrib\\_id=13232](http://www.wennergren.org/programs/programs_show.htm?doc_id=367834&attrib_id=13232)

### **ASHE/Lumina Fellowship**

Lumina Foundation for Education; the Association for the Study of Higher Education (ASHE)

**Deadline: May 10, 2007**

With support from Lumina Foundation for Education, the Association for the Study of Higher Education (ASHE) announces the ASHE/Lumina Foundation Fellowship Program. The key objective of this initiative is to promote innovative scholarship by creating an intergenerational community of scholars who will examine social, institutional, and policy barriers to opportunity and student success. Our goal is the development of new research questions, methodologies, and frameworks for the study of access and success that go beyond what is already known about critical topics related to, for example, college choice, financial aid, and student retention. The grant will fund eight to ten dissertation fellowships a year for a three-year period. The 2006-2008 fellowship program builds on the success of the original fellowship program, which began in 2003.

Lumina Foundation for Education, an Indianapolis-based, private, independent foundation, strives to help people achieve their potential by expanding access and success in education beyond high school. Through grants for research, innovation, communication and evaluation, as well as policy education and leadership development, Lumina Foundations addresses issues that affect access and educational attainment among all students, particularly underserved student groups, including adult learners. The Foundation bases its mission on the belief that postsecondary education remains one of the most beneficial investments that individuals can make in themselves and that society can make in its people.

Lumina Foundation has provided ASHE with funding for fellowships in the amount of \$14,000 to support dissertation research on the broad topics of financial aid, student retention and success, and adult learners and learning. The fellowships will support up to one year of activity that will be conducted through the students' home universities and can be used to support costs of supplying data, dissemination of project results, travel, tuition, and salary for the fellows. A critical component of the fellowship program is professional development and mentoring of fellows. To that end, fellows are assigned an

established scholar as a mentor in the program, participate in an online community of scholars, and come together twice during the fellowship year – during an ASHE pre-conference session in November and in a summer colloquium at the end of the fellowship year – to participate in an intergenerational group dedicated to promoting innovative scholarship on student access and success.

For more information: <http://www.ashe.ws/fellowship/aboutfellowship.htm>

## MULTIDISCIPLINE

### **Research and Product Development Summer Intern Program for Doctoral Candidates**

Procter & Gamble Company

**Deadline: March 1, 2007**

Procter & Gamble has summer intern openings for students pursuing Ph.D.s in chemistry; most areas of life sciences; chemical engineering; statistics; toxicology; and regulatory and clinical personnel, including future M.D.s, D.V.M.s, D.D.S.s, and PharmD.s. Procter & Gamble is looking for outstanding candidates to participate in these programs that provide a challenging and educational experience.

Candidates should be graduating seniors applying for graduate study or graduate students already enrolled in a graduate program of study. U.S. citizens or permanent residents are given priority.

For more information: [http://www.pg.com/science/summer\\_intrn.jhtml](http://www.pg.com/science/summer_intrn.jhtml)

### **The Next Idea - Art and Technology Grant for Media Technology, Media Design and Media Art**

Austrian Broadcasting Company (ORF); Prix Ars Electronica - International Competition for CyberArts

**Deadline: March 17, 2007**

Prix Ars Electronica invites artists, scientists, researchers, and developers to participate in the annual cyber-arts competition.

The Art and Technology Grant, focusing on the intersection of art and technology, is aimed at discovering ideas for tomorrow in young minds today. The grant is open to applicants who have developed as-yet unproduced concepts in the fields of media technology, media design, or media art. The Ars Electronica Futurelab makes its resources and its expertise available to enable artists to work on the realization of their project during a residency.

It is a prerequisite that the concept or idea not have been already realized.

A work may be entered in only one category of the Prix Ars Electronica. Amount Note: The winner receives a stipend in the amount of EUR 7,500 and will be invited to spend a term as scientific assistant and artist-in-residence at the Ars Electronica Futurelab, where the winner can bring the idea to fruition. Eligibility: The Art and Technology Grant target group includes students attending universities, technical schools, and other educational institutions as well as artists from all over the world who will be between 19 and 27 years of age on the application deadline date.

For more information: <http://www.aec.at/en/prix/index.asp>

**Fulbright Distinguished Chair Fellowship in the Humanities and Social Sciences**  
United States - Israel Educational Foundation (USIEF)  
**Deadline: May 1, 2007**

The United States - Israel Educational Foundation (USIEF) plans to award one Distinguished Chair grant in the humanities and social sciences for a visit to an Israeli institution of higher education to be carried out during the 2008/2009 academic year. The visiting Distinguished Chair Fellow's program of work may include research, lecturing, or a combination of lecturing and research. In addition to activities carried out at his or her host institution, it is expected that the Distinguished Chair holder will visit other institutions in order to give special guest lectures and to take part in symposia and conferences. Visits for one full academic year (ten months) are preferred, but single semester visits are also allowed.

For more information: <http://www.fulbright.org.il/index.php?id=713>