

March 14, 2008

External Funding - Upcoming Deadlines

National Science Foundation: Innovations in Engineering Education, Curriculum and Infrastructure

Deadline: April 30, 2008

The Innovations in Engineering Education, Curriculum, and Infrastructure (IEECI) program supports research which addresses three basic issues related to engineering education: (1) how students best learn the ideas, principles, and practices to become creative and innovative engineers, and how this learning is measured; and (2) research that helps the community understand how to better attract a more talented and diverse student body, in particular U.S. citizens and permanent residents, to all levels of engineering study. This would also include research to understand how to increase student interest in engineering by leveraging partnerships among engineering schools, school districts and exemplary non-profit organizations to recruit and retain engineering students. Finally (3), this program will support projects to investigate potential models for the evaluation of and assessment of how successful teaching, advising, and mentoring leads to improved retention and graduation, and ultimately, to a sound business model for engineering education.

<http://www.nsf.gov/pubs/2008/nsf08542/nsf08542.htm>

National Science Foundation: Nanotechnology Undergraduate Education (NUE) in Engineering

Deadline: May 14, 2008

This solicitation aims at introducing nanoscale science, engineering, and technology through a variety of interdisciplinary approaches into undergraduate engineering education. The focus of this year's competition is on nanoscale engineering education with relevance to devices and systems and/or on the societal, ethical, economic and/or environmental issues relevant to nanotechnology. NUE emphasizes new approaches to undergraduate engineering education through interdisciplinary collaborations. These collaborations could lead to, but are not limited to:

- A freshman course introducing the basic phenomena and processes at the nanoscale, the unifying principle of matter at the nanoscale, connections to other disciplines, and application areas of societal relevance;
- New examples of undergraduate nanoscale engineering courses that are presented through the development of laboratory and demonstration experiments, manuals and other written materials, software, and web-based resources;
- Development and dissemination of new teaching modules for nanoscale engineering of relevance to engineering education that can be used in existing undergraduate courses;
- Incorporation of undergraduate research opportunities in nanoscale engineering into the curriculum at any level;
- and development of courses or curricular enhancements related to nanoscale engineering and technology and environmental or social change.

<http://www.nsf.gov/pubs/2008/nsf08544/nsf08544.html>

U.S. Department of Education: School Leadership Grant Program

Deadline for Notice of Intent to Apply: April 2, 2008

Dates of Pre-Application Meetings: March 31, 2008

Deadline for Transmittal of Applications: May 2, 2008

The School Leadership program is designed to assist high-need local educational agencies (LEAs) in the development, enhancement, or expansion of innovative programs to recruit, train, and retain principals (including assistant principals) through such activities as:

- providing financial incentives to aspiring new principals;
- providing stipends to principals who mentor new principals;
- carrying out professional development programs in instructional leadership and management;
- and providing incentives that are appropriate for teachers or individuals from other fields who want to become principals and that are effective in retaining new principals.

Eligible Applicants: High-need LEAs, consortia of high-need LEAs, or partnerships that consist of high-need LEAs, and nonprofit organizations (which may be a community- or faith-based organization), or institutions of higher education.

<http://www.ed.gov/legislation/FedRegister/announcements/2008-1/030308e.html>

National Science Foundation: Virtual Organizations as Sociotechnical Systems (VOSS)

Deadline: June 02, 2008

The VOSS program supports scientific research directed at advancing the understanding of what constitutes effective virtual organizations and under what conditions virtual organizations can enable and enhance scientific, engineering, and education production and innovation. Levels of analysis may include (but are not limited to) individuals, groups, organizations, and institutional arrangements. Disciplinary perspectives may include (but are not limited to) anthropology, complexity sciences, computer and information sciences, decision and management sciences, economics, engineering, organization theory, organizational behavior, social and industrial psychology, public administration, and sociology. Research methods may span a broad variety of qualitative and quantitative methods, including (but not limited to): ethnographies, surveys, simulation studies, experiments, comparative case studies, and network analyses.

http://www.nsf.gov/pubs/2008/nsf08550/nsf08550.htm?govDel=USNSF_175

Environmental Protection Agency: Consequences of Global Change for Water Quality

Deadline: May 08, 2008, 4:00 pm Eastern Time

The sponsor is interested in the hydrologic and other watershed processes that affect water resources that may be altered by a changing climate. A better national scale understanding of the range of potential consequences of climate change will be useful both for fully accounting for the impacts of climate change and for developing regional adaptive strategies to reduce the risk of harmful impacts. The goal of this solicitation is to assemble modeling systems capable of capturing important linkages between regional climate drivers and terrestrial hydrologic systems

and to apply these modeling systems to improve the overall understanding of the sensitivity of key water quality or aquatic ecosystem management targets to the types of climate changes anticipated over the next several decades. Applications for this program must address one or more of the following research topics within the context of climate change in the next several decades:

- What are the potential impacts of climate change on streamflow regimes and groundwater recharge rates in different regions of the country, and how will these changes affect water quality and/or aquatic ecosystems?
- How will changes in the extremes of the hydrologic cycle impact water quality?
- What are the regional differences in vulnerability of water quantity, water quality, and aquatic ecosystems to climate change (e.g. streams, lakes, rivers, estuaries, wetlands, coastal waters)?
- How will wetland extent and function change as a result of climate change, including effects on sea level?
- How will climate change influence the availability of suitable aquatic habitat for vulnerable species?
- How can process-level models be improved to better represent the sensitivity of key water quality or aquatic ecosystem management targets to climate change (e.g., processes that connect terrestrial and aquatic ecosystems)?

http://es.epa.gov/ncer/rfa/2008/2008_star_gcwq.html

Financial Industry Regulatory Authority Investor Education Foundation Financial Education Program Grants

Deadline: April 11, 2008; and July 12, 2008 (Project Concept Forms)

The sponsor funds research and/or educational projects that support its mission of providing underserved Americans with the knowledge, skills, and tools necessary for financial success throughout life. In 2008, the foundation is especially interested in applications that focus on the following areas:

- new marketing and distribution channels for financial and investor education;
- helping Americans manage their finances and investments in retirement;
- meeting the financial and investor education needs of underserved audiences;
- and using behavioral finance to improve saving and investing

The FINRA Foundation places a high priority on reaching and engaging a well-defined target audience, and encourages collaboration and partnerships that facilitate effective marketing and distribution efforts. Successful education projects will have measurable impact and reach large audiences in a cost-effective manner. Preference will be given to projects that can be replicated and sustained beyond the term of grant funding. For research projects, the foundation is especially interested in work that has practical applications in the financial and investor education field.

<http://fconline.foundationcenter.org/pnd/10011723/finra>

United States Department of Education: Education Research Grants

Deadlines: April 28, 2008 and July 10, 2008 for (optional but encouraged) letters of intent; June 26, 2008 and October 2, 2008 for proposals

The sponsor has announced funding availability through the National Center for Education Research (NCER) program. NCER addresses the educational needs of typically developing students. For the FY 2009 competition, the Institute will consider applications under the research programs listed below:

- Reading and Writing
- Mathematics and Science Education
- Cognition and Student Learning
- Teacher Quality - Reading and Writing
- Teacher Quality - Mathematics and Science Education
- Social and Behavioral Context for Academic Learning
- Education Leadership
- Education Policy, Finance, and Systems
- Early Childhood Programs and Policies
- Middle and High School Reform
- Interventions for Struggling Adolescents and Adult Readers and Writers
- Post-secondary Education
- Education Technology

The Institute has established five research goals for its research programs. Within each research program one or more of the goals may apply: (a) Goal One - identify programs, practices, and policies that may have an impact on student outcomes, and factors that may mediate or moderate the effects of these programs, practices, and policies; (b) Goal Two - develop programs, practices, policies that are theoretically and empirically based; (c) Goal Three - establish the efficacy of fully developed programs, practices, and policies; (d) Goal Four - evaluate the impact of programs, practices, and policies implemented at scale; and (e) Goal Five - develop and/or evaluated system measurements and tools.

<http://ies.ed.gov/ncer/funding/>

United States Department of Education Special Education Research Grants

Deadlines: April 28, 2008 and July 10, 2008 for (optional but encouraged) letters of intent; June 26, 2008 and October 2, 2008 for proposals

The United States Department of Education Institute of Education Sciences (Institute) has announced funding availability through the National Center for Special Education Research (NCSER) program. NCSER addresses the educational needs of students with disabilities. For the FY 2009 competition, the Institute will consider applications that meet the research programs listed below:

- Early Intervention and Early Childhood Special Education
- Reading, Writing, and Language Development
- Mathematics and Science Education
- Social and Behavioral Outcomes to Support Learning
- Transition Outcomes for Special Education Secondary Students

- Cognition and Student Learning in Special Education
- Teacher Quality
- Related Services
- Systemic Interventions and Policies for Special Education
- Autism Spectrum Disorders

The Institute has established five research goals for its research programs. Within each research program one or more of the goals may apply: (a) Goal One - identify programs, practices, and policies that may have an impact on student outcomes, and factors that may mediate or moderate the effects of these programs, practices, and policies; (b) Goal Two - develop programs, practices, policies that are theoretically and empirically based; (c) Goal Three - establish the efficacy of fully developed programs, practices, and policies; (d) Goal Four - evaluate the impact of programs, practices, and policies implemented at scale; and (e) Goal Five - develop and/or evaluate system measurements and tools.

<http://ies.ed.gov/ncser/funding/>

National Endowment for the Humanities: Fellowship Awards

Deadline: May 1, 2008

The National Endowment for the Humanities (NEH) Fellowship Awards support individuals pursuing advanced research in the humanities for a period of six to twelve months. Fellowship applicants may be faculty or staff members of colleges, universities, or primary or secondary schools, or they may be independent scholars or writers. All applicants must have completed their formal education by the May 1 deadline. While applicants need not have advanced degrees, individuals currently enrolled in a degree-granting program are ineligible to apply. Recipients usually produce scholarly articles, monographs on specialized subjects, digital materials, books on broad topics, archaeological site reports, translations, editions, or other scholarly tools. Awardees receive a monthly stipend of \$4,200; the maximum stipend is \$50,400 for a twelve-month period. The earliest date that recipients may begin tenure is January 1, 2009 and the latest start date is July 1, 2009. The award period must be continuous, and award recipients must work full time on their projects.

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

Higher Education for Development (HED) and the U.S. Agency for International Development (USAID)

Sponsors are jointly seeking applications from U.S. higher education institutions to work with their counterparts in developing countries. For more information about applying for these competitive awards, please click on the links below:

U.S.-Middle East University Partnerships Program

Applications due: May 23, 2008, 5:00 p.m. ET

Five awards of up to \$285,000 each available for the following areas:

1) Business Administration or Economics, 2) Journalism and Mass Communication, 3) Political Science, 4) Teacher Education, and 5) Women's Empowerment South

<http://www.hedprogram.org/tabid/66/itemid/155/USMiddle-East-University-Partnerships-Program.aspx>

Africa: Enhancing Secondary Mathematics Teacher Education

Applications due: May 19, 2008, 5:00 p.m. ET

One award of up to \$225,000

<http://www.hedprogram.org/tabid/66/itemid/156/South-Africa-Enhancing-Secondary-Mathematics.aspx>

Egypt: Enhancing Capacity for Research in Economics

Applications due: May 15, 2008, 5:00 p.m. ET

One award of up to \$400,000

<http://www.hedprogram.org/tabid/66/itemid/154/Egypt-Enhancing-Capacity-for-Research-in-Economic.aspx>

Jordan: Strengthening Early Childhood Education

Applications due: April 28, 2008, 5:00 p.m. ET

One award of up to \$450,000

<http://www.hedprogram.org/tabid/66/itemid/153/Jordan-Strengthening-Early-Childhood-Education.aspx>

Guyana: Strengthening Mass Communication and Journalism

Applications due: April 25, 2008, 5:00 p.m. ET

One award of up to \$300,000

<http://www.hedprogram.org/tabid/66/itemid/147/Paraguay-Collaborative-Training-in-Epidemiology-a.aspx>

Paraguay: Collaborative Training in Epidemiology and Public Health

Applications due April 23, 2008, 5:00 p.m. ET

One award of up to \$300,000

<http://www.hedprogram.org/tabid/66/itemid/147/Paraguay-Collaborative-Training-in-Epidemiology-a.aspx>

Albania: Increasing Institutional Capacity in Agricultural Economics

Applications due April 11, 2008, 5:00 p.m. ET

One three-year award of up to \$300,000 March 14, 2008

<http://www.hedprogram.org/tabid/66/itemid/149/Albania-Increasing-Institutional-Capacity-in-Agri.aspx>