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NATIONAL SCIENCE FOUNDATION Science and Society

Science and Society (S&S) considers proposals that examine questions that arise in the interactions of engineering, technology, and society. There are four components: Ethics and Values in Science, Engineering and Technology (EVS); History and Philosophy of Science, Engineering and Technology (HPS); Social Studies of Science, Engineering and Technology (SSS); and Studies of Policy, Science, Engineering and Technology (SPS). The components overlap, but are distinguished by the different scientific and scholarly orientations they take to the subject matter, as well as by different focuses within the subject area. This program solicitation covers the following modes of support: S&S Scholars Awards, Standard Grants and Grants for Collaborative Research, S&S Postdoctoral Fellowships, S&S Professional Development Fellowships, Doctoral Dissertation Research Improvement Grants, Small Grants for Training and Research, Conference and Workshop Awards, as well as other funding opportunities.

An estimated 40 awards totaling \$6,000,000 under this solicitation are anticipated in FY 2006. Full proposal target dates are **August 23, 2005**, and then **February 1 and August 1** annually, thereafter, for all modes of support, except Small Grants for Training and Research (SGTR) which may only be submitted by the **August** target date for consideration in the fall of each year. For more information, see http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05588.

DEPARTMENT OF EDUCATION Institute of Education Sciences

The Department of Education's Institute of Education Sciences has announced 20 competitions that offer millions of dollars in research support. Applications are now available for 13 of the competitions. Funding

topics include research on serious behavioral disorders, early intervention and assessment for young children with disabilities and research on language and vocabulary development. The IES announced a new program of national research and development centers, which will focus on education policy, early childhood education, postsecondary education and gifted and talented education.

See the May 6, 2005, issue of the Federal Register notice for more information. Access the announcement at <http://www.ed.gov/news/fedregister>. Click on "Announcements" and click on the symbol to download the Adobe Acrobat version which includes a chart showing the date applications will be available, the deadline for transmittal of applications, the estimated range of awards, and project periods.

DEPARTMENT OF ENERGY

Support of Advanced Coal Research at U.S. Colleges and Universities

Funding Opportunity Number: DE-PS26-05NT42472-00

CFDA Code: 81.057

CFDA Title: University Coal Research

Application Due Date: **July 7, 2005**

Submission of Applications: Required through Grants.gov

There are eighteen (18) separate areas of interest to which an application can be submitted: 1) Partitioning and Mechanism Studies for Mercury and Other Trace Metals within Coal-Fired Processes, 2) Water Usage in Future Power Generation Systems, 3) Gas Separations, 4) Computer-Aided Design of High-Temperature Materials, 5) Surface Modification of Alloys for Ultrasupercritical Coal-Fired Boilers, 6) Hydrogen Storage Materials, 7) Advancements in Assessment of Geological Reservoirs for CO₂ Sequestration, 8) Syngas and Hydrogen Combustion Reduced Order Reactions and Rate Constants, 9) Characterization of Atomic and Electronic Structure of Electrochemically Active SOFC Cathode Surfaces, 10) Gasification Transport Properties, 11) Coarse Grid Modeling, 12) Measurement and Analysis to Quantify the Contribution of Coal-Fired Utility Boiler Emissions to Ambient PM_{2.5}, 13) Advanced Nitrogen Oxides, 14) Computational Chemistry in Support of Hydrogen from Coal, 15) SOFC Sealing Materials and Systems, 16) Separation and Handling of Nano-Sized Particles, 17) Development of Robust Sensor, 18) Development of Robust Sensor Networks for Intelligent Control of Advanced Coal and Combustion Systems, and 18) Innovative Concepts Phase II Program.

For more information, see <http://e-center.doe.gov/>. Click on "Browse Opportunities; Select Opportunities by CFDA Code; then click on the Folder for Code 81.057.

NATIONAL SCIENCE FOUNDATION

Updated Prospective New Awardee Guide

The National Science Foundation (NSF) has published an updated guide for prospective new awardees. The information provided in the guide will assist organizations in preparing documents which NSF requires to conduct administrative and financial reviews of organizations. The guide also serves as a means of highlighting the accountability requirements associated with Federal awards. See the Guide at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf0529.

DEPARTMENT OF TRANSPORTATION

Pilot Study, Motorcycle Crash Causes and Outcomes

The Department of Transportation's National Highway Traffic Administration plans to issue a competitive contract solicitation for a pilot study to compile preliminary data to help shape a full-scale investigation of the causes of motorcycle crashes.

The pilot study, with a 110 to 220 crash sample size, will provide a preparatory assessment of: factors associated with motorcycle crashes; types of motorcycle crashes; types and severity of motorcycle injuries and the nature of fatalities; and the effectiveness of protective gear, including helmets.

NHTSA expects to issue the solicitation soon, with a **June 27** proposal due date. See <http://www.fedbizopps.gov/> and select "Find Business Opportunities," "Search by Solicitation/Award Number" and enter the Sol. # DTNH22-05-R-05079.

DEPARTMENT OF TRANSPORTATION
2006 Motor Vehicle Occupant Safety Survey

The Department of Transportation's National Highway Traffic Safety Administration plans to issue a competitive contract solicitation for a national telephone survey to obtain information on attitudes, knowledge and self-reported behavior related to occupant protection issues. Areas to be covered include safety belts, child restraints, air bags, emergency medical services and crash experience. The sample size is 6,000 persons, age 16 and older.

NHTSA expects to issue the solicitation on or about June 5 with a **July 5** proposal due date. See <http://www.fedbizopps.gov/>. Select "Find Business Opportunities," "Search by Solicitation/Award Number" and enter the Solicitation # DTNH22-05-R-05089.

DEPARTMENT OF TRANSPORTATION
Increasing Safety Belt Use Among 8 to 15 Year-Old Motor Vehicle Occupants

The National Highway Traffic Safety Administration will award two cooperative agreements to increase safety belt use among young people ages eight to fifteen years. The demonstration project will: identify and test strategies to increase restraint use for youngsters ages eight to 15 years (with emphasis on the back seat as the safest seating position for children 12 and younger); and incorporate findings and strategies from the agency's current comparable research project, or other strategies that are evidence-based and demonstrate the potential for success.

Funds of \$500,000 will be available for two awards for two years. The deadline for applications is **July 5**. For more information, see <http://www.fedgrants.gov/Applicants/index.html>. Select "Posted Dates" and "May 17."

NATIONAL ENDOWMENT FOR THE HUMANITIES
Grants for Teaching and Learning Resources and Curriculum Development

The National Endowment for the Humanities (NEH) is seeking applications to support projects to improve specific areas of humanities education and serve as national models of excellence. NEH is especially interested in projects that offer solutions to problems frequently encountered by teachers.

Grants will range from \$1,000 to \$200,000. The deadline for applications is **October 3**. For more information, see <http://www.neh.gov/grants/grantsbydivision.html>.

NATIONAL INSTITUTES OF HEALTH
AND
CENTERS for DISEASE CONTROL PREVENTION
Incidence, Natural History, and Quality of Life of Diabetes in Youth

The National Institutes of Health and the Centers for Disease Control and Prevention are inviting applications to conduct multi-center population-based research aimed at assessing the incidence, trends

and impact of diabetes in young people. Applicants are sought with access to a research infrastructure and an established population-based childhood diabetes registry, experience in recruiting and retaining youths with diabetes in research projects and at least five years experience collaborating with other partners in a multi-center study employing a common protocol. The initiative builds upon a previously funded five-year research project--SEARCH for Diabetes in Youth--and is meant to expand preliminary findings from that project and broaden understanding of the natural history, complications and risk factors of early-onset diabetes. The focus includes type 1 and type 2 diabetes, which agencies note appears to be increasing, especially in adolescents from minority groups. The research will also assess short and long-term outcomes, including quality of life and develop and validate simple and low-cost case definition and classification of diabetes in youth that can be used for public health surveillance.

Funds of \$4.4 million in first-year funding will be available for up to six cooperative agreements of \$450,000 to \$650,000 for research centers and one award of \$1.2 million for a coordinating center. The project period is five years.

The deadline for applications is **June 24**. See <http://grants1.nih.gov/grants/guide/rfa-files/RFA-DP-05-069.html>. Select 2005 and May 13.

CENTERS FOR DISEASE CONTROL AND PREVENTION

Occupational Safety and Health Education and Research Centers

The Centers for Disease Control and Prevention's National Institute for Occupational Safety and Health (NIOSH) is inviting applications for education and research centers to provide interdisciplinary graduate training and continuing education in core occupational safety and health areas. The program may support masters, doctoral and postdoctoral training in core disciplines, which are: industrial hygiene, occupational health nursing, occupational medicine residency, occupational safety, and other closely related fields. In addition, each center should provide continuing education for at least 400 trainees a year. A priority for continuing education is to establish new and innovative training technologies, including distance learning programs and short-term programs.

Funds of \$20 million a year will be available for 12 to 20 awards. The project period is five years. The due date for applications is **September 16**. For more information, see the program announcement at <http://grants1.nih.gov/grants/guide/pa-files/PA-05-107.html>.

UNITED STATES DEPARTMENT OF AGRICULTURE

National Research Initiative--Applied Plant Genomics Coordinated Agricultural Project

The United States Department of Agriculture is inviting applications for research, extension and education grants that address priority mission areas related to agricultural genomics, such as food safety, food technology and human nutrition, agriculture production and natural resource management. The focus in 2005 is large-scale translational genomics for U.S. crop or forestry improvement. The program seeks to bring together a multi-state, multi-institution and multidiscipline team to integrate discoveries and technology with breeding practice; train scientists in the practical application of genomics-based tools; and provide outreach efforts to inform consumers, producers, processors and scientists about the potential benefits of applied plant genomics.

Funds of \$5 million will be available for multiple awards. The deadline for applications is **July 1**. For more information, see <http://www.csrees.usda.gov/fo/fundview.cfm?fonum=1122>.

UNITED STATES DEPARTMENT OF AGRICULTURE

Federal Crop Insurance Corporation
Risk Management Research Partnerships

The United States Department of Agriculture (USDA) is inviting applications for risk management research partnerships (CFDA # 10.456) that promote development of non-insurance risk management tools for use directly by agricultural producers. Risk management tools are options and strategies developed to help producers lessen risks inherent in agricultural production.

Funds of \$4 million will be available for multiple awards of varying size. The project period is three years. The deadline for applications is **July 5**. For more information, see <http://www.gpoaccess.gov/fr/index.html>. Click "Go" at 2005 and select May 6. Under Table of Contents, see Federal Crop Insurance Corporation.

NATIONAL SCIENCE FOUNDATION Earth Sciences: Instrumentation and Facilities

The National Science Foundation is inviting applications for instrumentation and facilities to support research focused on improving the understanding of the structure, composition and evolution of the earth and the processes that govern the formation and behavior of the earth's materials. Grants support: acquisition or upgrade of research equipment; development of new instrumentation, analytical techniques or software; support of national or regional multi-user facilities; and support of research technicians.

Major changes in this year's solicitation include: elimination of cost sharing; disallowance of service contracts within budgets for acquisition or upgrade of equipment proposals for the development of cyberinfrastructure for the earth sciences; and the increase to \$80,000 for support of research technicians. Funds of \$7 million will be available for 50 to 60 awards. The deadline for applications is **August 8**. See the solicitation at <http://www.nsf.gov/pubs/2005/nsf05587/nsf05587.htm>.

TEMPLETON ADVANCED RESEARCH PROGRAM Studies on Religion and Spirituality

The Templeton Advanced Research Program's Metanexus Institute on Religion and Science has announced a request for proposals to develop research projects in one of three topical areas:

Area 1: Religion, Spirituality, Healing and Health Outcomes

Two Awards of \$1 million are anticipated

Area 2: Religion, Spirituality and Human Flourishing

Two awards of \$1 million are anticipated

Area 3: Competitive Dynamics and Cultural Evolution of Religions and God Concepts

Four Awards of \$150,000 each are anticipated.

Letters of Intent are due **August 1, 2005**. For more information, see <http://www.metanexus.net/tarp/>.

FOUNDATION FOR CHILD DEVELOPMENT Young Scholars Program Focusing on Immigrant Children

Through the FCD Young Scholars Program (YSP), the Foundation for Child Development, <http://www.fcd-us.org/>, a private philanthropy dedicated to the principle that all families should have the social and material resources to raise their children to be healthy, educated, and productive members of their communities, provides approximately four fellowships of up to \$150,000 each over a maximum period of three-years to study issues affecting the development of young immigrant children in the U.S.

The program aims to stimulate basic and policy-relevant research focused on the early education, health, and well-being of immigrant children from birth to age ten, particularly those who are living in low-income families. FCD is particularly interested in research that can inform policies regarding the health and education needs of young newcomer children. Proposals may include research designs for an empirical

study, pilot work for a larger-scale research project that will seek additional funding from other public and private funders, or analysis of data previously collected.

The fellowships will support individual scholarship by junior faculty who at the time of application are untenured or have received tenure within the past four years. Applicants must hold a Ph.D. or its equivalent in one of the behavioral and social sciences or in an allied professional field (e.g., public policy, public health, education, social work, nursing, medicine). Applicants must have earned their Ph.D. within the last fifteen years prior to June 30, 2005 (seven years from completion of residency for MDs). Applicants must be United States citizens, permanent residents, or international scholars who are affiliated with an American academic institution for the duration of the award. The deadline for applications is **November 1, 2005**. Visit the FCD Web site for program information and application materials at <http://fconline.fdncenter.org/pnd/2425/fcd-us>.

SEXUAL VIOLENCE RESEARCH INITIATIVE

Joint Research Proposal Development

With support from the World Health Organization's Global Forum for Health Research, <http://www.globalforumhealth.org>, the Sexual Violence Research Initiative (SVRI), <http://www.who.int/svri>, seeks to promote and disseminate action-oriented research to reduce and respond to sexual violence.

With additional financial support from the Ford Foundation, <http://www.fordfound.org/>, SVRI has issued a Request for Proposals for joint research proposal development. The purpose of this call for proposals is to facilitate the process of strengthening research partnerships and proposal development in the field of sexual violence. The research for which proposals are developed should fall under the broad heading of "improving sexual violence services." Seed funding will be provided to successful applicants to support activities related to the development of a joint proposal such as a meeting among partners to finalize a proposal and, in special cases, limited field testing/piloting needed to prepare a compelling proposal for funding. This call is for joint research proposal development and will not fund interventions or research itself.

Each proposal must be submitted jointly by at least three entities. These may include, but are not limited to, academic or research institutions, service delivery institutions, and non-governmental organizations. At least one partner must be an NGO with a gender and woman-centered perspective, and at least one of the partners must demonstrate a track record of proven research capacity, research expertise, and institutional support. Preference will be given to groups that are based in lower and middle-income countries and to groups that plan to do comparative research among sites in different countries; innovative research focused on one country will also be considered.

Funding generally will be in the \$10,000 to \$40,000 range. The deadline for applications is **July 8, 2005**. Visit the SVRI Web site to download the complete Request for Proposals at <http://fconline.fdncenter.org/pnd/2431/who/int>.

Texas A&M Research Foundation's Program Development Department assists in identifying and contacting potential sponsors and by providing application information. Searches of funding opportunity databases are performed for faculty upon request. Using a database of research interests provided by faculty, we also disseminate information on new opportunities for funding. For more information, please call Linda Ramirez at (979) 845-8677. Visit the Research Foundation's Web site at <http://rf-web.tamu.edu> to complete a Research Interest Questionnaire or for information on proposal processing or postaward administration.

