

Funding Opportunities Bulletin

July 2006

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 Valerie Moreau at 4-7782 or vmoreau@ku.edu

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BUSINESS

Grants

Nasdaq Educational Foundation

Deadline: Letter of Inquiry: **August 1, 2006**

The mission of The Nasdaq Educational Foundation, Inc. is to promote learning about capital formation, financial markets and entrepreneurship through innovative educational programs.

Grants will be awarded for education projects related to four priority categories:

- 1) Academic study or research, generally awarded to college or university professors
- 2) Ph.D. dissertation fellowships, awarded to colleges or universities on behalf of the candidate
- 3) Curriculum development, generally awarded at the university level to develop financial markets curricula
- 4) Educational projects or programs, including classroom and extracurricular programs at the high school, college and university level; teacher training; and professional development for adults, and may also include the creation of new educational materials.

Please note that all proposals must further financial markets literacy and entrepreneurship in addition to meeting other criteria. The categories, above, are for guidance only. All proposals compete for a single pool of funds and are subject to selection by the Foundation Board of Directors.

For more information: http://www.nasdaq.com/services/education_initiatives.stm

Economics

National Science Foundation

Deadline: **August 18** and January 18, yearly

The Economics program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. This program also strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic behavior. It supports research in almost every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international economics, labor economics, macroeconomics, mathematical economics, and public finance.

The Economics program welcomes proposals for individual or multi-investigator research projects, doctoral dissertation improvement awards, conferences, workshops, symposia, experimental research, data collection and dissemination, computer equipment and other instrumentation, and research experience for undergraduates. The program places a high priority on interdisciplinary research. Investigators are encouraged to submit proposals of joint interest to the Economics Program and other NSF programs and NSF initiative areas. The program places a high priority on broadening participation and encourages proposals from junior faculty, women, other underrepresented minorities, Research Undergraduate Institutions, and EPSCoR states.

For more information:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5437&org=SES&from=home

Research Grant Program

Law School Admissions Council (LSAC)

Deadline: **September 1**, 2006 and February 1, 2007

The Law School Admission Council (LSAC) Research Grant Program funds empirical research related to legal education in the United States and in the common law schools of Canada. The program welcomes research proposals proceeding from any of a variety of methodologies, a potentially broad range of topics, and time frames that range from students' undergraduate consideration of legal education to their first jobs following law school.

Proposals will be judged on the importance of the questions addressed and the quality of the research designs. The grants subcommittee encourages coherent, productive collaborations between legal educators and administrators who know legal education most intimately and those who have experience in designing and conducting empirical research.

Although the program supports only empirical research, a meritorious project might be informed by any disciplinary perspective and be guided by any of a variety of methodologies. Projects can be qualitative as well as quantitative; cross-sectional or longitudinal; surveys; experiments; correlation studies; systematic observational studies; and so on. The methods will be evaluated in terms of their appropriateness to the research questions posed by the project.

For more information: <http://www.lisac.org/LSAC.asp?url=/lisac/lisac-legal-education-grant-program.asp>

Research Grant Program

Equipment Leasing and Finance Foundation

Deadline: **September 1, 2006**

The Equipment Leasing and Finance Foundation encourages research to expand the body of knowledge about equipment lease financing in the U.S. economy. In addition, the foundation seeks to broaden its constituency by establishing and maintaining mutually beneficial relationships with individuals in the academic community. Honorariums of \$10,000 are available to encourage academics in all fields of scholarship to study topics of interest to the foundation and its constituency. Topics of interest to leasing professionals include, but are not limited to, the following issues: strategic management or planning; accounting; financial reporting; tax; legislative or regulatory developments; contracts and documentation; finance; sales and marketing; electronic commerce; credit and collections; software; economics; portfolio or risk management; operations; and benchmarking or best practices. The subject matter must have practical application to professionals in the leasing and finance business.

For more information: <http://www.leasefoundation.org/grant/about.htm>

Retirement Economics

National Institutes of Health

Deadlines: **October 1**, February 1, and June 1, annually

The National Institute on Aging (NIA) invites applications for research on retirement economics. The research objectives of this Program Announcement include, but are not limited to: (1) the determinants of retirement behavior, (2) the variation in work patterns in later life, (3) the evolution of health and economic circumstances of individuals through retirement and into later life, (4) time use and life satisfaction before and during retirement, (5) the implications of retirement trends, (6) retirement expectations, (7) international comparisons of retirement and (8) the development of innovative retirement modeling techniques.

Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the mechanism, numbers, quality, duration, and costs of the applications received. This PA will use the NIH R01, P01, R03, and R21 award mechanisms.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PA-05-036.html>

EDUCATION

Research Grants Program

American Educational Research Association (AERA)

Deadline: **September 1, 2006**

With support from the National Science Foundation (NSF) and the National Center for Education Statistics (NCES) of the Institute of Education Sciences, the AERA Grants Program announces its Research Grants Program. The program's goals are: (1) to stimulate research on issues related to U.S. education policy and practice 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.

Research topics may cover a wide range of policy- or practice-related issues that include but are not limited to: school persistence and career entry; 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; education in middle schools; educational participation and persistence (kindergarten through graduate school); at-risk students; early childhood education; US 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 from K-12; research career development; 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 proposed study. 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.

For more information: http://www.aera.net/grantsprogram/res_training/res_grants/RGFly.html

Education Policy, Finance, and Systems

Department of Education

Deadline: Letter of Intent: **September 14, 2006**

Full proposal: November 16, 2006

The Institute intends for the Education Policy, Finance, and Systems (Policy/Finance) research program to address five goals (1) identifying policies, systemic programs or practices, and education finance programs or practices that are associated with more effective teaching and learning environments as indicated by better student outcomes (e.g., student learning, high school graduation and dropout rates); (2) developing new policies, education finance, and systemic practices; (3) evaluating the efficacy of education policies, education finance programs and practices, and systemic programs and practices; (4) providing evidence on the effectiveness of policies, finance programs and practices, and other systemic practices, implemented at scale; and (5) developing and testing cost accounting tools and measurement systems that will enable education administrators to link student-level resources to student-level achievement data.

For more information: <http://www.ed.gov/programs/edpolicy/applicant.html>

Organizational Learning in Schools, School Systems, and Higher Education Institutions
Spencer Foundation

Deadline: **Continuous** submissions

The Spencer Foundation provides funding for investigations that promise to yield new knowledge about education in the United States or abroad. The Foundation funds research grants that range in size from smaller grants that can be completed within a year, to larger, multi-year endeavors.

Sustained improvement in educational performance requires continuous learning within and among schools, education systems, and higher education institutions. The Foundation is interested in advancing understanding of ways to strengthen the capacity of schools and education systems as learning organizations.

For more information: http://www.spencer.org/programs/grants/research_grants.htm

ENGINEERING & COMPUTER SCIENCE

Engineering Education Program – ENG

National Science Foundation

Deadline: **August 15, 2006**

The NSF welcomes unsolicited proposals from faculty with cutting-edge new ideas for undergraduate engineering education improvements. The goal of the Engineering Education Program of the Division of Engineering Education and Centers is to increase the quantity and quality of U.S. citizens who earn Bachelor of Science (B.S.) degrees in engineering. The attractiveness of engineering study has not kept pace with the importance of engineering in driving our nation's prosperity. The continuation of the technology explosion of the second half of the twentieth century requires the availability of a diverse and highly capable technical workforce. Experience to date has shown that students can be attracted to and retained in engineering programs if they are exposed early to the joys of creation through design, discovery through research, and invention through hands-on experimentation. The National Science Foundation (NSF) has not offered such a wide-open competition for a long time and does so now to encourage the most creative suggestions.

For more information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13374

Instrument Development for Biological Research (IDBR) Program

National Science Foundation

Deadline: **August 25, annually**

The Instrument Development for Biological Research (IDBR) Program supports the development of novel or of substantially improved instrumentation likely to have a significant impact on the study of biological systems at any level. The development of new, or substantial improvement of existing, software for the operation of instruments, analysis of data, or the analysis of images is also supported where these have the effect of improving instrument performance. Proposals aimed at concept or proof-of-concept development for entirely novel instrumentation are encouraged. Support for the conduct of eligible activities in academic environments is emphasized.

For more information: <http://www.nsf.gov/pubs/2006/nsf06570/nsf06570.htm>.

Material Design and Surface Engineering (MDSE)

National Science Foundation

Deadline: Submission window September 1 – **October 1, 2006**

The Material Design and Surface Engineering program element supports generic research on links between microstructure design and control and properties, performance, and engineering of materials and surfaces for novel applications in civil and mechanical systems and components. Research is also included that expands the knowledge base on: the design of materials, coatings, and surface treatments for service under extreme conditions; tribology, corrosion, friction and wear; novel materials solutions for life-cycle design, ecomaterials, nano-technology, and biomedical applications and related model based simulation and computational materials engineering.

For more information:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13356&org=CMS&from=fund

Engineering Design (ED)

National Science Foundation

Deadline: Submission window September 1 – **October 1, 2006**

Basic research in Engineering Design is needed to advance our understanding of the fundamentals of the product realization process. One of the challenges to the research community is to create the necessary connections between the principles of design theory and the practice of design across the broad spectrum of engineered products through the creation of new tools and methods. The focus of the program is on a holistic view of design, where the total system, life-cycle context recognizes the need for advanced understanding of the identification and definition of preferences, analysis of alternatives, effective accommodation of uncertainty in decision-making, and the relationship between data and knowledge in a digitally-supported process. Another challenge is to continue developing the basic pillars supporting design theory, creating the framework for comprehensive models starting with a clear, concise, and full statement of the purpose of the system, synthesizing and integrating across the expertise necessary for the conceptual design phase, establishing the methods and measures by which the models can be validated. Research is also necessary in the realm of "design for" capabilities,

where science and engineering are brought to bear on the specific task of developing tools appropriate to a particular domain of application in design space.

For more information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13340

GeoEnvironmental Engineering and GeoHazards Mitigation (GEH)

National Science Foundation

Deadline: Full Proposal Window: September 1, 2006 - **October 1, 2006**

The research portfolio for the Geoenvironmental Engineering and GeoHazards Mitigation (GEH) program element includes projects on geoenvironmental engineering, including physical, chemical, thermal and biological processes that affect the properties of geologic materials; contaminant transport and hydraulic properties of geologic materials involved in surface and subsurface flow; and construction for remediation and containment of geoenvironmental contamination. The GEH program also supports research in geological engineering and engineering geology, geotechnical earthquake engineering and strong ground motions, piping (particle erosion, transport, and deposition), scouring, tsunamis (both earthquake and non-earthquake generated), landslides and debris flows, forest fires, droughts and floods.

For more information:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13351&org=CMS&from=fund

Molecular Dynamics

DOD/AFOSR/USAF

Deadline: **Continuous**

The objectives of the molecular dynamics program are to understand, predict, and control the reactivity and flow of energy in molecules. This knowledge will be used in atmospheric chemistry to improve the detection and control of signatures; in high-energy-density matter research to develop new energetic materials for propellants and propulsion systems; in chemical laser research to develop new high-energy laser systems; and in many other chemical systems in which predictive capabilities and control of chemical reactivity and energy flow at a detailed molecular level will be of importance.

Areas of interest in atmospheric chemistry include the dynamics of ion-molecule reactions relevant to processes in weakly ionized plasmas, atmospheric heterogeneous chemistry in aircraft and rocket exhausts, gas-surface interactions in space, and reactive and energy transfer processes that produce and affect radiant emissions in the upper atmosphere. Research on high energy density matter for propulsion applications investigates novel concepts for storing chemical energy in low-molecular-weight systems, and the stability and sensitivity of those energetic molecular systems. The coupling of chemistry and fluid dynamics in high speed reactive flows is also of interest. Research in energy transfer and energy storage in metastable states of molecules supports our interest in new concepts for chemical lasers.

Materials-related research includes the study of the synthesis, structure, and properties of metal-containing molecular clusters and nanostructures. Interest in nanostructures has particular emphasis on nanoscale systems in which the number of atoms or specific arrangement of atoms in a cluster has dramatic effects on its reactivity or properties. Also of interest are sensitive new diagnostic methods for detecting individual molecules and probing nanostructures. Fundamental studies aimed at developing basic understanding and predictive capabilities for chemical reactivity, bonding, and energy transfer processes are also encouraged.

For more information: <http://www.afosr.af.mil/>

FINE ARTS

Enhance Dance

Mid-America Arts Alliance

Deadline: Letter of Intent: **June 30, 2006**

Full proposal: July 21, 2006

As a fundamental form of human expression, dance is an essential discipline for Mid-America Arts Alliance constituents to present. The Mid-America Arts Alliance Enhance Dance program seeks to help presenters make dance a viable discipline to bring into their communities, to educate audiences about dance as an art form, and to build a sustainable framework for presenting meaningful dance on a regular basis.

For the 2006-2007 presenting season, Mid-America will be conducting a pilot dance initiative. We have partnered with Headlong Dance Theater to bring their experimental work Hotel Pool to the region. The piece will be of interest to audiences due to its unique subject matter and performance setting. The piece is accessible to all sizes of presenters, does not require special dance flooring, and does not displace existing programming.

For more information: http://www.maaa.org/perf_arts/dance/dance.html

Conference Travel Stipends for both Presenters and Artists

Mid-America Arts Alliance

Deadline: **July 30, 2006**

Mid-America Arts Alliance is awarding conference travel stipends for both presenters and artists from our region who are first-time attendees to the Midwest Arts Conference in Little Rock, Arkansas from September 13-16, 2006. Each stipend covers conference registration and three nights of hotel accommodations. Midwest Arts Conference, sponsored by Arts Midwest with input and assistance from Mid-America Arts Alliance, brings the performing arts marketplace together to facilitate booking and touring plans and to provide educational, performance, and networking opportunities.

For more information: http://www.maaa.org/rtp/conf_scholarships/conference.html

Grants

Bergen Foundation, Frank and Lydia

Deadline: **August 15, 2006**

The mission and goals of the Frank and Lydia Bergen Foundation are (1) to arrange for musical entertainments, concerts, and recitals of a character appropriate for the education and instruction of the public in the musical arts, with paramount consideration being given to traditional classical music programs; (2) to aid worthy students of music in securing a complete and adequate musical education; and (3) to aid organizations in their efforts to present fine music to the public, provided that such organizations are operated exclusively for educational purposes.

For more information:

http://www.wachovia.com/corp_inst/charitable_services/0,,4269_6587,00.html

Grants

Downing Foundation, J.C.

Deadline: **Continuous**. A proposal letter may be sent at any time. Full proposals will be invited.

The J.C. Downing Foundation supports innovative efforts and original projects that offer far-reaching gains and widespread results. The foundation awards grants to qualified nonprofit organizations with explicit, identifiable needs, often funding the early stages of project development. Areas of support include :”

- education and human development;
- environmental research and preservation;
- fine arts;
- sports and athletics; and
- technology and communications.

The J.C. Downing Foundation issues project grants, not general support grants.

For further information: <http://www.jcdowning.org/funding/grantmaking.htm>

HUMANITIES

Humanities Program

Delmas Foundation, Gladys Kriebel

Deadline: **Continuous**. Letters of inquiry are accepted on an ongoing basis.

The foundation awards grants to further the humanities along a broad front, supporting projects that address the original tenets of the studia humanitatis: a humanistic education is rooted in the great traditions of the past; the formation of human beings according to cultural, moral, and aesthetic ideals derived from that past; and the ongoing debate over how these ideals may best be conceived and realized. Programs in the following areas are eligible: 1. History; 2. Archaeology;

3. Literature; 4. Languages, both classical and modern; 5. Philosophy; 6. Ethics; 7. Comparative religion; 8. The history, criticism, and theory of the arts; and 9. Those aspects of the social sciences that share the content and methods of humanistic disciplines

The foundation welcomes projects that cross the boundaries between humanistic disciplines and explore the connection between the humanities and other areas of scholarship. The prime criterion remains that of Gladys and Jean Paul Delmas: a commitment to excellence, whether proven or promised, at every level of the humanistic spectrum.

For more information: http://www.delmas.org/programs/humanities_d.html

INTERNATIONAL AREA STUDIES

Developing Global Scientists and Engineers - NSF 04-036

National Science Foundation

Deadline: **September 15** annually for International Research Experiences for Students (IRES) for activities for the subsequent summer

February 15 annually for activities at other times

Proposals may be submitted at any time for Doctoral Dissertation Enhancement Project (DDEP) proposals

In response to a world in which science and engineering are increasingly global in scope, the National Science Foundation's (NSF's) Office of International Science and Engineering (OISE) program has restructured its programs. One of the focal areas of OISE activity will be providing international research and education experiences for U.S. students and junior researchers. This solicitation addresses opportunities for international research and education for early career stages of scientists and engineers, i.e., as undergraduates and graduate students.

For the United States to remain at the forefront of world science and technology, it needs an educated science and engineering workforce capable of operating in the international research environment and a global market. OISE programs complement and enhance the foundation's broader research and education portfolio and provide a set of programs designed to assist young scientists and engineers at several critical stages early in their careers. This solicitation describes support for International Research Experiences for Students (IRES) at the undergraduate and graduate level and support for Doctoral Dissertation Enhancement Projects (DDEP). The goal of these activities, and the related activities described below, is to build a more inclusive and globally engaged workforce that fully reflects the strength of our diverse population.

For more information: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf04036

MEDICINE & LIFE SCIENCES

Drug Abuse Dissertation Research: Epidemiology, Prevention, Treatment, Services, and Women and Sex/Gender Differences (R36)

National Institutes of Health

Deadline: Letter of Intent: **One month prior to submission/receipt date – June 23.**

Full Proposal: July 23, 2006 then October 1, February 1, June 1

The purpose of this Funding Opportunity Announcement (FOA) is to invite applications for support of drug abuse doctoral dissertation research in epidemiology, prevention, treatment, services, and women and sex/gender differences. Grants to support dissertation research will provide no more than \$50,000 in direct costs per year, and are awarded for up to two years, with the possibility of extension without additional funds for up to 12 months. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the mechanism numbers, quality, duration, and costs of the applications received. This FOA provides funding support of dissertation research through the NIH Dissertation Award (R36) mechanism.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-06-446.html>

Major Starter Grant

K-INBRE

Deadline: Letter of Intent: **June 30, 2006**

Full Proposals: August 4

The NIH funded Kansas IDeA Network of Biomedical Research Excellence grant is currently in its sixth year of operation. Its mission is to strengthen the ability of Kansas researchers to compete effectively for NIH funds by building a "critical mass" of junior and senior investigators as well as undergraduates, graduate students and post-doctoral fellows. Investigators are to be supported with cutting edge technology within our scientific research theme, Cell and Developmental Biology. Focus areas include reproductive and embryonic development, organogenesis, developmental neuroscience, and cellular and developmental pathologies.

We are now seeking to identify four new faculty to participate as Major Starter Grant Recipients for the next 2.5 years. With this message, we solicit a one page Letter of Intent from new investigators which summarize a 2.5 year research plan that could be accomplished with an approximate \$100,000/year budget. The project must concern Cell and Developmental Biology and must fall within one or more of the focus areas. The criteria for selection of four outstanding research proposals are as follows:

Criteria: 1. Appropriate scientific focus; 2. Strong and exciting hypothesis with well developed rationale 3. Minimum requirement for extensive preliminary data 4. Junior Investigator within 3 years of hiring (both tenure track and research track faculty are eligible) to one of the Scientific Partner institutions (KUMC, KU-Lawrence, K-State, Wichita State) 5. An experienced mentor

identified, preferably one with a strong history of NIH funding. 6. The institution of origin must guarantee to provide release time to perform the research. Junior investigators must devote at least 50% of their professional effort to research including career development. Thus, no more than 50% time should be committed to teaching or administrative duties. 7. The INBRE application must represent a new, unfunded project at the time of submission. Investigators who have received a research grant with direct costs of more than \$50,000/year from NIH (including COBRE and INBRE grants) or another extramural funding agency are not eligible to apply.

Critical Deadlines: June 30: Letter of Intent due Electronic submission to hchapman@kumc.edu Aug 4: Full Proposals for external review due

Electronic submission to hchapman@kumc.edu Aug 7-Oct 31: Review of proposals Nov 1: Notification of outcome/earliest anticipated Start date Apr 30, 2007: First half year award (\$50,000/dc) must be spent or encumbered

Review: The ten-page proposals will be reviewed by external reviewers with final decisions to be made by the INBRE Scientific Steering Committee. This Committee is chaired by Dale Abrahamson, PhD, Chairman, Anatomy and Cell Biology, KUMC, and includes a representative from each of the other three campuses as well as an external institution.

Funding: The earliest anticipated start date is November 1, 2006. Proposals may not exceed \$50,000 (direct costs) for the first six month period. The budget for future years should not exceed \$100,000 (direct costs) per year. F&A can be added at 30% MTDC for F&A recovery. Awards are contingent on availability of future funds from NIH. November 1, 2006-April 30, 2007 - first ½ year of funding \$50,000/dc May 1, 2007 - April 30, 2008 - second year of funding \$100,000/dc May 1, 2008 - April 30, 2009 - third year of funding \$100,000/dc

Evaluation: A progress report to the Scientific Steering Committee on the research will be required upon completion of the first year of funding together with documentation of interactions with mentors. An NIH grant submission is expected by the end of the 2.5 year award with a copy to be sent to the K-INBRE Administrative Office.

For more information: <http://www.kumc.edu/kinbre/home.html>

Note: As of 6/21/06, information on this particular grant was not available at the website; it is anticipated that it will be available soon. The K-INBRE office will field any questions you may have on this initiative.

Opportunities for Promoting Understanding through Synthesis (OPUS)

National Science Foundation

Deadline: **July 9** and January 9, Annually

Three clusters within the Division of Environmental Biology (the Ecological Biology, Ecosystem Science, and the Population and Evolutionary Processes clusters) encourage the submission of proposals aimed at synthesizing a body of related research projects conducted by a single individual or group of investigators over an extended period. OPUS proposals will often be appropriately submitted in mid-to-late career, but will also be appropriate early enough in a career to produce unique, integrated insight useful both to the scientific community and to the

development of the investigator's future work. In cases where multiple scientists have worked collaboratively, an OPUS award will provide support for collaboration on a synthesis. OPUS awards will facilitate critical synthesis, and do so in a way that will acknowledge the prestige of this important component of scientific scholarship.

For more information: <http://www.nsf.gov/pubs/2006/nsf06568/nsf06568.htm>.

Alliance of Glycobiologists for Detection of Cancer and Cancer Risk (U01)

National Institutes of Health

Deadline: Letter of Intent: **July 23, 2006**
Full Proposal: August 23, 2006

To stimulate innovative translational research in the field of complex carbohydrates with the overall goal to uncover and develop new classes of molecular markers for early detection of cancer, the National Cancer Institute (NCI) intends to establish a scientific consortium referred to as the "Alliance of Glycobiologists for Detection of Cancer and Cancer Risk." This Funding Opportunity Announcement (FOA) solicits applications for research awards designed to support a number of Tumor Glycome Laboratories that will comprise the principal components of this new consortium. The NIH U01 cooperative agreement mechanism will be utilized for this solicitation. The NCI intends to devote approximately \$3 million in FY 2007 to fund five to six grant awards.

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-07-020.html>

AHRQ Small Research Grant Program (R03)

National Institutes of Health

Deadlines: **July 24**, November 24, March 24 annually (beginning July 24, 2006 and ending November 24, 2008)

This funding opportunity announcement (FOA) issued by AHRQ supports Small Research Grant (R03) applications. The R03 grant mechanism supports different types of health services research projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and, development of new research technology. While grant awards are made to institutions rather than individuals, this FOA and its instructions are addressed to potentially interested individuals to inform them of this funding opportunity and facilitate the preparation of grant applications by the individuals who will actually assume the primary responsibility for the preparation of their organization's application. The applicant will be solely responsible for planning, directing, and executing the proposed project. Project Period and Award Levels: A total project period of up to two years and a budget of up to \$100,000 total costs may be requested.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PAR-06-448.html>

Nuclear Structure-Function Defects in the Pathogenesis of Muscular Dystrophy (R01)

National Institutes of Health

Deadline: Letter of Intent: **August 21, 2006**

Full Proposal: September 20, 2006

The National Institute of Neurological Disorders and Stroke (NINDS), the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), and the Muscular Dystrophy Association (MDA) invite applications focused upon determination of the mechanisms of a subset of muscular dystrophies that may have their basis in nucleus structure-function defects. Applications are specifically solicited for studies of Emery-Dreifuss, facioscapulohumeral, limb girdle muscular dystrophy 1B, and oculopharyngeal muscular dystrophies. Applications for studies of other muscular dystrophies are not responsive to this RFA. The expected outcomes are improvements in understanding of the genetic, cell, and molecular mechanisms of these muscular dystrophies. Applicants who can bring knowledge and expertise in the biology of the nucleus to studies of disease mechanisms are particularly encouraged.

For more information (and information on the R21 mechanism of support):

<http://grants1.nih.gov/grants/guide/rfa-files/RFA-NS-07-001.html>

Innovations in Cancer Sample Preparation (R21)

National Institutes of Health

Deadline: Letter of Intent: **August 21, 2006**

Full Proposal: September 21, 2006

This Funding Opportunity Announcement (FOA) solicits exploratory grant applications for research projects proposing the development and significant enhancement or adaptation of sample preparation methodologies and technologies, the development of assays to assess sample quality, and studies designed to elucidate the criteria by which to judge sample quality. The outcome will be products and methods designed to optimize sample utility. This funding opportunity is part of a broader NCI-sponsored Innovative Molecular Analysis Technologies (IMAT) Program. Several IMAT FOAs of identical or closely related scientific scope using various funding mechanisms are available. To facilitate selection, a separate Notice provides brief cross-comparison and links to all the IMAT FOAs (NOT-CA-06-025). This FOA will utilize the Exploratory/Developmental Grants (R21) grant mechanism and runs in parallel with four other FOAs of identical scientific scope and nine closely related FOAs that solicit applications under various mechanisms (NOT-CA-06-025).

For more information (on the R21 and other mechanisms of support for this solicitation):

<http://grants1.nih.gov/grants/guide/rfa-files/RFA-CA-07-022.html>

Innovative Technologies for Molecular Analysis of Cancer (R33)

National Institutes of Health

Deadline: Letter of Intent: **August 21, 2006**

Full Proposal: September 21, 2006

This Funding Opportunity Announcement (FOA) issued by the National Cancer Institute (NCI), National Institutes of Health (NIH), solicits exploratory grant applications for research projects proposing the development of highly innovative cancer-relevant molecular biology technologies. Technology encompasses methods and tools that enable research, including, but not limited to, instrumentation, techniques, and devices. This FOA will utilize the NIH Exploratory/Developmental Phase II Grant (R33) award mechanism and runs in parallel with another FOA of identical scientific scope, RFA-CA-07-015, that invites applications under the Exploratory/Developmental Grant (R21) award mechanism. This funding opportunity is part of a broader NCI-sponsored Innovative Molecular Analysis Technologies (IMAT) Program. Several IMAT FOAs of identical or closely related scientific scope using various funding mechanisms are available. To facilitate selection, a separate NIH Guide Notice provides brief cross-comparison and links to all the IMAT FOAs (NOT-CA-06-025).

For more information (on this and other mechanisms of support for this solicitation):

<http://grants1.nih.gov/grants/guide/rfa-files/RFA-CA-07-016.html>

Application of Emerging Technologies for Cancer Research (R21)

National Institutes of Health

Deadline: Letter of Intent: **August 21, 2006**

Full Proposal: September 21, 2006

This Funding Opportunity Announcement (FOA) issued by the National Cancer Institute (NCI), National Institutes of Health (NIH), solicits exploratory grant applications for research projects proposing the development of highly innovative cancer-relevant molecular biology technologies. Technology encompasses methods and tools that enable research, including but not limited to, instrumentation, techniques, and devices.

This FOA will use the NIH Exploratory/Developmental Grant (R21) award mechanism and runs in parallel with two FOAs of identical scientific scope, RFA-CA-07-019 and RFA-CA-07-018, that invite applications under the Phased Innovation (R21/R33) award mechanisms and the Exploratory/Developmental Phase II Grant (R33) award mechanism, respectively. This funding opportunity is part of a broader NCI-sponsored Innovative Molecular Analysis Technologies (IMAT) Program. Several IMAT FOAs of identical or closely related scientific scope using various funding mechanisms are available. To facilitate selection, a separate Notice in the NIH Guide for Grants and Contracts provides brief cross-comparison and links to all the IMAT FOAs. See NOT-CA-06-025.

For more information (on this and other mechanisms of support for this solicitation):

<http://grants1.nih.gov/grants/guide/rfa-files/RFA-CA-07-017.html>

Rehabilitation Research Career Development Programs (K12)

National Institutes of Health

Deadlines: Letter of Intent: **August 22, 2006**
Full Proposal: September 22, 2006

This RFA invites applications to coordinate the mentoring and career development of rehabilitation researchers in one of the following domains: allied health professionals, clinicians involved in neurological rehabilitation, or engineers. The program will be responsible for identifying qualified candidates (scholars) and supporting them in appropriate research environments throughout the country. The NICHD anticipates making three awards, one in each of the research domains indicated above. National career development programs will be funded through the K12 institutional career development award program mechanism.

For more information: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-HD-06-010.html>

New Approaches to Non-Viral Systems for Gene Transfer Applications for Heart, Lung, and Blood Diseases (R21/R33)

National Institutes of Health

Deadline: **September 12, 2006**

This Funding Opportunity Announcement (FOA) issued by the National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH), invites applications from organizations/institutions that propose the development of new and efficient non-viral vectors that can overcome the limitations of viral vectors for gene therapy clinical trials in heart, lung, and blood diseases.

This FOA will use the Exploratory/Developmental Grants and Exploratory/Developmental Grants Phase II (R21/R33) grant mechanisms. Applicants will submit a single application organized into two phases, beginning with discussion of the R21 phase followed by discussion of the R33 phase.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-243.html>

School-based Interventions to Prevent Obesity (R01)

National Institutes of Health

Deadlines: **October 1**, February 1, June 13

This Funding Opportunity Announcement (FOA) encourages the formation of partnerships between academic institutions and school systems in order to develop and implement controlled, school-based intervention strategies designed to reduce the prevalence of obesity in childhood. This initiative also encourages evaluative comparisons of different intervention strategies, as well as the use of methods to detect synergistic interactions between different types of interventions. Because the nature and scope of the proposed research will vary from application

to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the mechanism numbers, quality, duration, and costs of the applications received. This FOA will use the research project grant mechanism (R01). As an applicant you will be solely responsible for planning, directing, and executing the proposed project. This funding opportunity will utilize the R01 mechanism, but will be run in parallel with a program announcement of identical scientific scope (PA-06-417) that will utilize the exploratory/developmental Grant (R21) or the Small Grant (R03) (PA-06-416) grant mechanism. This FOA uses just-in-time concepts. It also uses the modular budgeting format.

For more information on this (and the R21 and R03 mechanism of support):

<http://grants1.nih.gov/grants/guide/pa-files/PA-06-415.html>

Research on Psychopathology In Intellectual Disabilities (Mental Retardation) [R01]

National Institutes of Health

Deadlines: **October 1**, February 1, June 1

The purpose of the Funding Opportunity Announcement (FOA) is to invite grant applications for research designed to elucidate the epidemiology, etiology, treatment, and prevention of mental disorders, including emotional and behavioral problems, in persons of any age with intellectual disabilities (mental retardation). This FOA will use the NIH Research Project Grant (R01), but grant applications under the NIMH Collaborative R01 Program; NIH Small Research Grant Program (R03); the NIH Exploratory/ Developmental Research Grant Program (R21); and the NIMH Clinical Exploratory Grant Program (R34) are also encouraged. Applicants for the NIMH Collaborative R01 announcement should respond to PA-06-154. Applicants for the R03, R21, and R34 mechanisms must submit their applications electronically and should respond to the NIH Parent FOA for Small Research Grants (PA-06-180); the Exploratory/Developmental Grants (PA-06-181); or the NIMH Clinical Exploratory Grant (PA-06-248). Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the quality, duration, costs, as well as the number of applications received. Funding decisions will reflect the needs, priorities and mission of the funding IC.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-431.html>

Basic and Preclinical Research on Complementary and Alternative Medicine (CAM) [R01]

National Institutes of Health

Deadlines: **October 1**, February 1, June 1

This initiative encourages CAM and conventional researchers to carry out basic and/or preclinical research on CAM areas of special interest with an aim to understand the mechanisms of action of a CAM modality. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the number, quality, duration, and costs of the applications received. This Funding Opportunity Announcement

(FOA) will use the NIH Research Project Grant (R01), but runs in parallel with another Funding Opportunity Announcement (FOA) of similar scientific scope (PA-06-315, <http://grants.nih.gov/grants/guide/pa-files/PA-06-315.html>) that utilizes the NCCAM R21 funding mechanism.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-440.html>

Science Education Drug Abuse Partnership Award

National Institutes of Health

Deadlines: **October 1**, February 1, and June 1 annually

The purpose of the SEDAPA Program is to fund the development and evaluation of innovative model programs and materials for enhancing knowledge and understanding of neuroscience and the biology of drug abuse and addiction among K-12 students, the general public, health care practitioners, and other groups. The award provides support for the formation of partnerships between scientists and educators, media experts, community leaders, and other interested organizations for the development and evaluation of programs and materials that will enhance knowledge and understanding of science related to drug abuse. The intended focus is on topics not well addressed in existing efforts by educational, community, or media activities.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PA-05-105.html>

The Role of Nuclear Receptors in Tissue and Organismal Aging (R01)

National Institutes of Health

Deadline: **October 1**, February 1, June 1

The goals of this funding opportunity announcement is to stimulate research into underlying biologic mechanisms involving nuclear receptors, their co-regulators and intracellular signaling systems in the process of aging and the connections of the aging process with pathophysiology in middle- and old-age. The total amount to be awarded depends on the number of applications received which fall within the funding line of the National Institute on Aging, the National Institute on Diabetes and Digestive and Kidney Diseases, the National Cancer Institute, and the National Institute of Environmental Health Sciences. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the number, quality, duration, and costs of the applications received. The R01 grant mechanism will be utilized for this announcement. This funding opportunity will utilize the R01 mechanism, but will be run in parallel with a program announcement of identical scientific scope, PAS-06-466 (to be published on July 10, 2006), that will utilize the exploratory/developmental (R21) grant mechanism.

For more information (on the R01 and other mechanisms of support for this solicitation): <http://grants.nih.gov/grants/guide/pa-files/PAS-06-467.html>

Early Identification and Treatment of Mental Disorders in Children and Adolescents (R01)

National Institutes of Health

Deadlines: **October 1**, February 1, June 1

This Funding Opportunity Announcement (FOA) invites investigator-initiated research grant applications for studies focused on the early identification and treatment of mental disorders in children and adolescents. Specific examples include studies focused on: the validation of early diagnosis of mental disorders in youth, especially in young children; the development of new interventions to treat mental disorders and prevent the exacerbation of associated functional impairment; the efficacy and safety of new and existing treatments; the identification and evaluation of predictors of treatment response and underlying mechanisms of action for new and existing treatments; the long-term effectiveness and impact of early intervention on later course; and the factors that promote or impede access to services and impact the effectiveness of services for these patients in community and practice settings. Assessment methods may include behavioral, neuropsychological, neuroimaging, and other physiological measures or markers. Intervention strategies to be studied may include pharmacological, psychosocial, and rehabilitative interventions, separately or in combination.

For more information on this (and the R03, R21 and R34 mechanism of support):

<http://grants1.nih.gov/grants/guide/pa-files/PA-06-442.html>

Research On The Reduction And Prevention Of Suicidality (R01)

National Institutes of Health

Deadlines: **October 1**, February 1, June 1

The purpose of this Funding Opportunity Announcement (FOA) is to invite grant applications for research that will reduce the burden of suicidality (deaths, attempts, and ideation). The intent is to intensify investigator-initiated research on the topic, to attract new investigators to the field, and increase interdisciplinary approaches to developing effective strategies to reduce suicidality. This FOA will use the NIH Research Project Grant (R01), but applications for the Exploratory/Developmental Grant (R21); the Small Research Grant (R03), and the NIMH Clinical Exploratory/Developmental Research Grant (R34) are also sought. Applicants for the R21, R03, and R34 award mechanisms must submit their applications electronically and should respond to the Parent FOAs for these mechanisms (NIH R21-PA-06-181; NIH R03-PA-06-180; and the NIMH R34-PA-06-248). Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the quality, duration, costs, as well as the number of applications received. Funding decisions will reflect the needs, priorities and mission of the funding IC(s).

For more information on this (and the R03, R21 and R34 mechanism of support):

<http://grants1.nih.gov/grants/guide/pa-files/PA-06-438.html>

Risk Factors For Psychopathology Using Existing Data Sets (R01)

National Institutes of Health

Deadlines: **October 1**, February 1, June 1

Letter of Intent Due: Not Applicable

The purpose of this Funding Opportunity Announcement (FOA) is to invite grant applications involving extensive and innovative use of existing data sets to study the development of psychopathology, including alcohol and drug abuse, in order to guide the development of preventive and treatment intervention strategies. Under this FOA, the NIMH, NIDA and NIAAA encourage research using focused and coordinated analyses of mental health and substance abuse research data that are in public use format or that are privately held by a principal investigator.

For more information on this and the R03 mechanism of support::

<http://grants1.nih.gov/grants/guide/pa-files/PA-06-439.html>

Behavioral and Social Research on Disasters and Health (R01)

National Institutes of Health

Deadlines: **October 1**, February 1, June 1

The purpose of this Program Announcement is to stimulate research in the behavioral and social sciences on the consequences of natural and man-made disasters for the health of children, the elderly, and vulnerable groups, with an ultimate goal of preventing or mitigating harmful consequences. Examples of disasters include severe weather-related events, earthquakes, large-scale attacks on civilian populations, technological catastrophes or perceived catastrophes, and influenza pandemics. Three NIH Institutes are sponsoring this program announcement. The National Institute on Aging is interested in research on the elderly in disasters, especially elderly residents of institutions and frail elderly in the community. The National Institute of Child Health and Human Development is interested in research on children and other vulnerable populations in disasters. The National Institute of Nursing Research is interested in research that will develop interventions that will improve outcomes for persons affected by natural and man-made disasters.

For more information (and information on the R03 and R21 mechanisms of support):

<http://grants1.nih.gov/grants/guide/pa-files/PA-06-454.html>

Proteomics in Auditory Developmental and Disease Processes (R01)

National Institutes of Health

Deadlines: **October 1**, February 1, June 1

This program announcement supersedes the previous National Institute on Deafness and Other Communication Disorders NIDCD program announcement, "Proteomics in Auditory Developmental and Disease Processes". This Funding Opportunity announcement (FOA) will use the traditional research project grant (R01) mechanism and runs in parallel with a FOA of

identical scientific scope (PA-06-366) that will utilize the NIH Exploratory/Developmental Research Grant Award (R21) mechanism.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-456.html>

AHRQ Health Services Research

DHHS/AHRQ

Deadlines: **October 1**, February 1, June 1 annually

This program announcement expresses Agency for Healthcare Research and Quality (AHRQ) priority interests for ongoing extramural grants for research, demonstration, dissemination, and evaluation projects to:

1. Support improvements in health outcomes. Drawing from literature on variations in clinical practice and associated outcomes, the documented increase in the prevalence of chronic disease, and growing interest in the impact of different delivery modalities and financing arrangements on the outcomes of care, AHRQ seeks to support research to understand and improve decision-making at all levels of the health care system, the outcomes of health care, and, in particular, what works, for whom, when, and at what cost.
2. Strengthen quality measurement and improvement. AHRQ is interested in a broad array of research topics, including studies to develop valid and reliable measures of the process and outcomes of care, causation and prevention of errors in health care, strategies for incorporating quality measures into programs of quality improvement, and dissemination and implementation of validated quality improvement mechanisms.
3. Identify strategies to improve access, foster appropriate use, and reduce unnecessary expenditures. This area focuses on issues pertaining to the types of health care services Americans use, the cost of these services and sources of payment, determinants of access to care, and whether particular approaches to health care delivery and financing, or characteristics of the health care market, alter behaviors in ways that improve access and promote cost-effective use of health care resources.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-00-111.html>

PHYSICAL SCIENCES & MATHEMATICS

See also opportunities listed under MULTIPLE DISCIPLINES

Type G Starter Grants

American Chemical Society (ACS) and Petroleum Research Fund (PRF)

Deadline: 1. Proposals received between 12:00 noon on May 23, 2006, and 5:00 P.M. on **August 4**, 2006, will be considered at the January 2007 PRF Advisory Board meeting.

2. Proposals received between 12:00 noon on August 31, 2006, and 5:00 P.M. on November 30, 2006, will be scheduled for May 2007 consideration.

3. Proposals received between 12:00 noon on January 3, 2007, and 5:00 P.M. on March 30, 2007, will be considered at the September 2007 meeting.

Type G grants are intended for new faculty within the first three years of a regular appointment as an assistant professor or the equivalent. Type G applications from faculty holding positions in non-Ph.D. granting departments are considered in competition only with applications from faculty in similar departments. Only faculty at U.S. institutions may apply.

For more information:

<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=prf%5Cprfgrant.html#typeg>

Thermal Systems Program

National Science Foundation

Deadline: Submission Window: August 15-**September 15, 2006**

The Thermal Systems Program supports fundamental research in two major areas: thermal transport and thermal processing, and combustion and thermal plasmas. Projects should be aimed at gaining a basic understanding at the microscopic and macroscopic levels of thermal phenomena underlying the production of energy, the synthesis and processing of materials, cooling and heating of equipment, and biological systems and the interaction of industrial processes with the environment. Higher priority will be given to those projects that deal with problems on the cutting edge of technology while developing human resources in engineering.

There are two sub-elements within this program: Combustion and Plasma Systems; and Thermal Transport and Thermal Processing.

Formore information: <http://www.nsf.gov/eng/cts/thermal.jsp>

Hydrologic Research

National Oceanic and Atmospheric Administration

Deadline: Pre-proposal due: **September 15, 2006**

Full proposal: November 15, 2006

This program announcement is for projects to be conducted by research investigators for a 1-year, 2-year, or 3-year period. June 1, 2007, should be used as the proposed start date on proposals. This program represents an NOAA/NWS effort to create a cost-effective continuum of basic and applied research through collaborative research between the Hydrology Laboratory of the NWS Office of Hydrologic Development and academic communities or other private or public agencies which have expertise in the hydrometeorologic, hydrologic, and hydraulic routing sciences. These activities will engage researchers and students in basic and applied research to improve the scientific understanding of river forecasting. Ultimately these efforts will improve the accuracy of forecasts and warnings of rivers and flash floods by applying scientific knowledge and information to NWS research methods and techniques, resulting in a benefit to the public. NOAA's program is designed to complement other agency contributions to that national effort. The program priorities for this opportunity support NOAA's mission support goal of: Weather and Water - Serve Society's Needs for Weather and Water Information.

For more information: <http://www.grants.gov/search/search.do?oppId=10033&mode=VIEW>

Education and Interdisciplinary Research Program

National Science Foundation

Deadline: **September 27, 2006**

The Education and Interdisciplinary Research Program supports activities in conjunction with National Science Foundation (NSF)-wide programs such as Faculty Early Career Development (CAREER), Research Experiences for Undergraduates (REU), and programs aimed at women, minorities, and persons with disabilities.

The program also supports activities that seek to improve the education and training of physics students (both undergraduate and graduate), such as curriculum development for upper-level physics courses, and activities that are not included in specific programs elsewhere within NSF. The program supports research at the interface between physics and other disciplines, with particular emphasis on biological physics, but including medical physics and computation, and extending to emerging areas. Broadening activities related to research at the interface with other fields, possibly not normally associated with physics, also may be considered.

For more information:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5610&org=PHY&from=fund

Computational Mathematics

United States Department of Defense (DOD), Department of the Air Force (USAF), Air Force Office of Scientific Research (AFOSR)

Deadline: **Continuous**

This program aims to develop improved mathematical methods and algorithms that exploit advanced computational capabilities in support of Air Force scientific computing interests. For the most part, this program seeks to develop innovative methods and algorithms that improve modeling and simulation capabilities. These improved capabilities, in turn, enable understanding, prediction, and control of complex physical phenomena crucial to the Air Force. These phenomena include: 1)- fluid mechanics, 2) - plasma dynamics, 3) - electromagnetic wave generation, 4) - combustion processes, 5) - structural dynamics, 6) - control of large flexible structures, 7) - processing and performance of composite and tailored materials, and 8) - crystal growth.

For more information: <http://www.afosr.af.mil/>

SOCIAL SCIENCES

See also opportunities listed under HUMANITIES; INTERNATIONAL AREA STUDIES: and MULTIPLE DISCIPLINES

Political Science Program

National Science Foundation

Deadline: **August 15, 2006; January 15, 2007** (Doctoral Dissertation Research Support Proposals are accepted January 15th ONLY) Full Proposal Target Date: January 15, 2007

The Political Science Program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include, but are not limited to, American government and politics, comparative government and politics, international relations, political behavior, political economy, and political institutions.

In recent years, program awards have supported research projects on bargaining processes; campaigns and elections, electoral choice, and electoral systems; citizen support in emerging and established democracies; democratization, political change, and regime transitions; domestic and international conflict; international political economy; party activism; and political psychology and political tolerance. The program also has supported research experiences for undergraduate students and infrastructural activities, including methodological innovations, in the discipline.

For more information:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5418&org=SES&from=home

Adolescent Family Life Research Grants

DHHS

Deadline: **September 15, 2006**

The Office of Population Affairs (OPA) requests applications for grants for applied research addressing Adolescent Family Life (AFL) program goals related to adolescent sexual relations, pregnancy, and parenthood: helping adolescents avoid health risk behaviors; ensuring that adolescents have the support necessary to pursue healthy and productive lives; and strengthening families. Grant awards will be made to investigate one or more of the following seven areas: parent involvement and communication; youth development/developmental assets; pro-social risk behaviors; adoption; adolescent parents; long-term impact of adolescent childbearing on family structure; and influences on adolescent premarital sexual behavior.

For more information: <http://fr.cos.com/cgi-bin/getRec?id=20040730a145>

Documenting Endangered Languages (DEL)

National Science Foundation

Deadline: **September 15, 2006**

This multi-year funding partnership between the National Science Foundation (NSF) and the National Endowment for the Humanities (NEH) supports projects to develop and advance knowledge concerning endangered human languages. Made urgent by the imminent death of an estimated half of the 6000-7000 currently used human languages, this effort aims also to exploit advances in information technology. Funding will support fieldwork and other activities relevant to recording, documenting, and archiving endangered languages, including the preparation of lexicons, grammars, text samples, and databases. Funding will be available in the form of one- to three-year project grants as well as fellowships for up to twelve months. At least half the available funding will be awarded to projects involving fieldwork.

The Smithsonian Institution's National Museum of Natural History (NMNH) will participate in the partnership as a research host, a non-funding role.

For more information: <http://www.nsf.gov/pubs/2006/nsf06577/nsf06577.htm>

Treatment-Research Grants

Cure Autism Now

Deadlines: Letter of Intent: **October 6, 2006**

Full Applications Due: January 12, 2007

Cure Autism Now recognizes the urgent need to develop effective therapies to treat both core and domain specific features of autism. Research proposals focused on all aspects of transitional research are acceptable for submission. Applications are encouraged both from scientists already focusing on autism and from those new to the field. All proposals must have direct and immediate relevance to autism and its related disorders. Treatment Awards are limited to \$60,000 per year for one, two, or three years. Indirect costs may not exceed 10% of the total proposed budget and must be included in the \$60,000 annual funding limit. We generally do not consider funding of salary costs for the Principal Investigator. In addition, we will not consider funding equipment purchases over \$500. Second year funding is contingent upon a mid-cycle report indicating satisfactory progress and the availability of funds.

For more information:

http://www.cureautismnow.org/site/c.bhLOK2PILuF/b.1192487/k.5B66/TreatmentRelated_Study_Awards.htm.

MULTIPLE DISCIPLINES

Methodology, Measurement, and Statistics (MMS) Program

National Science Foundation

Deadline: **August 16, 2006**

The Methodology, Measurement, and Statistics (MMS) Program is an interdisciplinary program that supports the development of innovative methods and models for the social and behavioral sciences. The MMS Program interacts with the other programs in the Directorate for Social, Behavioral, and Economic Sciences (SBE), as well as other programs in the Foundation, most notably the Statistics and Probability Program in the Directorate for Mathematical and Physical Sciences (MPS). In general, MMS seeks proposals that are interdisciplinary in nature, methodologically innovative, and grounded in theory. The MMS Program welcomes proposals in the following areas: general research and infrastructure activities; mid-career research fellowships; research on survey and statistical methodology; and doctoral dissertation research.

For more information: <http://www.nsf.gov/pubs/2006/nsf06571/nsf06571.htm>.

United States Golf Association Wildlife Links

National Fish and Wildlife Foundation

Deadlines: Preproposal: **September 1, 2006**

Full proposal if invited: November 1, 2006

The purpose of the Wildlife Links program is to fund research, management, and education projects that will enhance wildlife management on golf courses on a least a state-wide, and preferably a region-wide or national basis. Funding is not available for habitat improvements on individual courses (butterfly gardens, nest box trails, etc.).

Research projects must be applied in nature and hold the promise of practical outcomes that will benefit wildlife conservation through golf course design and management. Applicants should clearly demonstrate communication with appropriate representatives within the golf industry to ensure the practicality of proposed projects. Letters of support from superintendents at golf courses where research is being considered will be required.

Native pollinators, aquatic invertebrates, reptiles and amphibians, birds, and small mammals are all priorities for Wildlife Links. Preference will be given to projects that: 1) build upon previous Wildlife Links grants; 2) support State Comprehensive Wildlife Conservation Strategies; 3) complement other ongoing conservation programs, such as Partners in Flight, Partners for Amphibian and Reptile Conservation, etc. , 4) enhance recovery efforts for declining species; 5) help keep common species common; 6) examine course management and design options for increasing biodiversity; 7) determine the roles of habitat characteristics in the designation of golf courses as wildlife corridors or barriers; 8) study the impact of golf course maintenance activities on wildlife.

For more information: http://www.nfwf.org/programs/nfwfusga_rfp.cfm

Biomedical Engineering, Research to Aid Persons with Disabilities, and Biophotonics Programs (BME/RAPD)

National Science Foundation

Deadlines: Submission Windows: August 15 - **September 15**, Annually
February 1 - March 1, Annually

The BME/RAPD programs encompass (a) the Biomedical Engineering program (BME) and (b) the Research to Aid Persons with Disabilities program (RAPD). The Biophotonics area is part of BME but is broken out separately because of its rapid growth in size and scope. Biomedical Engineering supports research that, often with diagnosis or treatment-related goals, applies engineering principles to problems in biology and medicine while advancing the engineering knowledge base. Integration of engineering expertise with life science principles is an essential requirement for advances in this field. The RAPD program supports the development of technologies for new and improved devices or software for persons with disabilities. Current areas of particular interest in BME/RAPD are biomedical photonics; novel tissue characterization schemes; new cellular and tissue engineering concepts; the innovative integration of multi-disciplinary technologies for new imaging and biosensing systems; and, Point-of-Care technologies related to chronic illness, persons with disabilities, and the aging. Support is provided through submission of proposals as well as through special initiatives.

For more information: <http://www.nsf.gov/pubs/2006/nsf06566/nsf06566.htm>