

Funding Opportunities Bulletin

September 2005

Compiled by KUCR Proposal Services as a Resource
for Kansas University Researchers

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EDUCATION

See also listings under MULTIPLE DISCIPLINES

Rehabilitation Training: Rehabilitation Long-Term Training—Vocational Rehabilitation Counseling

U.S. Department of Education

Deadline: **September 6, 2005**

The Rehabilitation Long-Term Training program provides financial assistance for: (1) Projects that provide basic or advanced training leading to an academic degree in areas of personnel shortages in rehabilitation as identified by the Secretary; (2) Projects that provide a specified series of courses or program of study leading to award of a certificate in areas of personnel shortages in rehabilitation as identified by the Secretary; and (3) Projects that provide support for medical residents enrolled in residency training programs in the specialty of physical medicine and rehabilitation. This program will consider projects under the following priority area: This priority is designed to increase the number of rehabilitation counseling programs that provide experiential activities for students, such as formal internships, practicum agreements, and other partnership activities with State vocational rehabilitation (VR) agencies. This priority supports a close relationship between the educational institution and the State VR agency by creating or increasing ongoing collaboration in order to increase the number of graduates who seek employment in State VR agencies.

For more information: <http://www.ed.gov/programs/rsatrain/applicant.html#84129b>.

Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities—National Technical Assistance Center on Assessment for Children with Disabilities (CFDA 84.326G)

U.S. Department of Education

Deadline: **September 7, 2005**

This program promotes academic achievement and improves results for children with disabilities by supporting technical assistance, model demonstration projects, dissemination of useful information, and implementation activities that are supported by scientifically based research. The absolute priority in this competition is to support one cooperative agreement for a Center to

provide technical assistance on improving results for students with disabilities by increasing their participation rates in high quality assessment and accountability systems, improving the quality of assessments in which they participate, improving the capacity of States to meet data collection requirements, and strengthening accountability for results. The Center must accomplish this mission through a combination of activities in the following areas: (1) Needs assessments and information gathering, (2) technical assistance and dissemination to improve the participation of students with disabilities in assessments and accountability systems, (3) technical assistance to improve the capacity of States to meet data collection requirements, (4) collaboration and leadership, and (5) other functions. The Secretary does not intend to fund an application that proposes a budget exceeding \$1,000,000 for a single budget period of 12 months. The estimated project period is up to 60 months.

For more information: <http://www.ed.gov/programs/oseptad/applicant.html#84326g>.

Rehabilitation Continuing Education Programs—CFDA# 84.264 A & B

U.S. Department of Education

Deadline: **September 12, 2005**

The purpose of this program is to support training centers that serve either a Federal region or another geographical area and provide for a broad, integrated sequence of training activities that focus on meeting recurrent and common training needs of employed rehabilitation personnel throughout a multi-State geographical area. Projects must develop and conduct training programs for staff of—(a) Private rehabilitation agencies and facilities which cooperate with State vocational rehabilitation units in providing vocational rehabilitation and other rehabilitation services; and (b) Centers for independent living.

For more information: <http://www.ed.gov/programs/rsatrain/applicant.html#84264AandB>.

Disability Rehabilitation Research Projects (CFDA # 84.133A-1)

U.S. Department of Education

Deadline: **September 13, 2005**

The purpose of this program is to plan and conduct research, demonstration projects, training, and related activities that help to maximize the full inclusion and integration of individuals with disabilities into society and to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended. Proposed project periods under this competition may be up to 60 months. The estimated average award size will be \$750,000, and the Department will reject any proposal which requests more than \$750,000 in any given 12-month budget period.

For more information: <http://www.ed.gov/programs/drrp/applicant.html#84133a1>.

Striving Readers

U.S. Department of Education

Deadline: Letter of Intent: **September 14, 2005**; Full Proposal: November 14, 2005

Striving Readers is a new discretionary grant program authorized as part of the 2005 Fiscal Year Appropriations Act under the Title I demonstration authority. The purpose of the Striving

Readers program is to raise the reading achievement levels of middle and high school-aged students in Title I-eligible schools with significant numbers of students reading below grade level. The program supports new comprehensive reading initiatives or expansion of existing initiatives that improve the quality of literacy instruction across the curriculum, provide intensive literacy interventions to struggling adolescent readers, and help to build a strong, scientific research base for identifying and replicating strategies that improve adolescent literacy skills. Eligible applicants for Striving Readers include: LEAs that have schools that a.) Are eligible to receive funds under Part A of Title I of the ESEA, pursuant to section 1113 of the ESEA, and b.) Serve students in one or more grades in grades 6 through 12. Eligible LEAs may apply individually, with other eligible LEAs, or in partnership with one or more of the following entities: SEAs, Intermediate service agencies, Public or private institutions of higher education, and Public or private organizations with expertise in adolescent literacy and/or rigorous evaluation. In any partnership, the fiscal agent must be an eligible LEA.

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

Rehabilitation Training: Rehabilitation Long-Term Training—CFDA #s 84.129L, P, & Q

U.S. Department of Education

Deadline: **September 19, 2005**

The Rehabilitation Long-Term Training program provides financial assistance for: (1) Projects that provide basic or advanced training leading to an academic degree in areas of personnel shortages in rehabilitation as identified by the Secretary; (2) Projects that provide a specified series of courses or program of study leading to award of a certificate in areas of personnel shortages in rehabilitation as identified by the Secretary; and (3) Projects that provide support for medical residents enrolled in residency training programs in the specialty of physical medicine and rehabilitation. This program will consider projects will consider only applications that propose to provide training in the following priority areas of personnel shortages: Undergraduate Education in the Rehabilitation Services (CFDA# 84.129L); Specialized Personnel for Rehabilitation of Individuals Who Are Blind or Have Vision Impairment (CFDA# 84.129P); and Rehabilitation of Individuals Who Are Deaf or Hard of Hearing (CFDA # 84.129Q).

For more information: <http://www.ed.gov/programs/rsatrain/applicant.html#list>.

Regional Educational Laboratory Program (ED-O5-R-0006)

U.S. Department of Education

Deadline: **October 3, 2005**

The U.S. Department of Education (ED) intends to enter into 5-year contracts with qualified entities to establish a networked system of ten Regional Educational Laboratories to carry out applied research, development, dissemination, and training and technical assistance activities to serve the needs of each region in the United States in accordance with the provisions stated in the Education Sciences Reform Act of 2002, (Section 174). Eligible applicants include research

organizations, institutions, agencies, institutions of higher education, or partnerships among such entities, or individuals, with the demonstrated ability or capacity to carry out the activities authorized under the statute and in the contract. ED will make a separate award for each laboratory region. The national priority for the 2005-2010 REL competition is addressing the goals of the recently reauthorized Elementary and Secondary Education Act (ESEA). To address these needs the Regional Educational Laboratories shall be “emissaries of science,” providing policymakers and practitioners with training and technical assistance based on the highest-quality evidence, as defined by scientifically valid research principles. Further, where such evidence is not available and schools need appraisal and analysis of alternative strategies to improve learning, the RELs are expected to fill the void, with applied research and development.

For more information:

<http://www2.eps.gov/spg/ED/OCFO/CPO/ED%2D05%2DR%2D0006/Attachments.html>.

ENGINEERING & COMPUTER SCIENCE

See also listings under MULTIPLE DISCIPLINES

Applying Information Technology to Command, Control, Communications, Computer and Intelligence (C4I) Systems

Air Force Research Laboratory (AFRL)

Deadlines: White Papers: **September 30, 2005**; May 1, annually through 2009

The Information Directorate, Command and Control Engineering Branch of the Air Force Research Laboratory (AFRL), Rome Research Site, is soliciting white papers under this announcement for innovative technologies to support Command, Control, Communications, Computers, and Intelligence (C4I) applications. Of particular interest are technologies that can significantly reduce the time between information technology availability and its employment into the research and development programs that support legacy and new military electronic systems. Also of interest are commercial technologies that can improve the functionality, performance, reliability, longevity, and usability of these new and legacy military electronic systems. Access to Rome Research Site laboratories, including such legacy systems as Theater Battle Management Core System (TBMCS), Master Caution Panel (MCP), Joint Air & Space Management & Deconfliction (JASMAD), and others, will be provided as necessary. It is recommended that white papers be received by the following dates to maximize the possibility of award: FY06 between September 1, 2005 and September 30, 2005; FY07 by May 1, 2006; FY08 by May 1, 2007; FY09 by May 1, 2008, and FY10 by May 1, 2009. White papers will be accepted until 2:00 p.m. Eastern time on 30 September 2010, but it is less likely that funding will be available in each respective fiscal year after the dates cited. Formal proposals are not being requested or accepted at this time.

For more information:

<http://www1.eps.gov/spg/USAF/AFMC/AFRLRRS/Reference%2DNumber%2DBAA%2D05%2D06%2DIFKA/listing.html>.

Engineering Design

National Science Foundation

Deadline: Application Window: September 1, 2005 – **October 1, 2005**

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. Current examples such as design for the environment and design for manufacturability are advancing along specific tracks, but research is needed to emphasis convergence across the pertinent domains. Looking towards the future of design methods and tools, the importance of the interface between computational capacity and human wants and experiences must be emphasized. The role of information technologies, automation and visualization, learning technologies and systems will be an increasingly important aspect of effective design practice.

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

Biomedical Engineering & Research to Aid Persons with Disabilities (BME/RAPD)

National Science Foundation

Deadline: Application Window: September 1, 2005 - **October 15, 2005**

The BME/RAPD programs provide opportunities to develop novel ideas into projects that integrate engineering and life science principles in solving biomedical problems that serve humanity. The program focuses on high impact transforming technologies for deriving information from cells, tissues, organs, and organ systems, extraction of useful information from complex biomedical signals, new approaches to the design of structures and materials for eventual medical use, and new methods of controlling living systems. This program is also directed toward the characterization, restoration, and/or substitution of normal functions in humans. Emphasis is placed on the advancement of fundamental engineering knowledge rather than on product development. The research might lead to the development of new technologies or the novel application of existing technologies. Undergraduate engineering design projects are also supported, especially those that provide prototype, "custom-designed" devices or software for persons with mental and/or physical disabilities.

For more information:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13369&org=BES&from=fund.

Institute for Space Robotics (ISR)

Goddard Space Flight Center (GSFC)

National Aeronautics and Space Administration (NASA)

Deadline: 60 days after release of Cooperative Agreement Notice (see below)

This Cooperative Agreement is to create a center of excellence for dexterous robotics technology between GSFC and the recipient to perform: research in dexterous manipulators; dissemination of research results; and public outreach. Researchers in the ISR are all expected to work collaboratively with civil servants at GSFC. The ISR is also expected to become a vehicle to increase the involvement of the university community. The Recipient's role in the ISR will be to work with GSFC to a) develop gap-filling technologies for dexterous space robotics and related ground stations through breadboard validation, b) perform environmental testing for these space technologies, c) perform system-level performance measurements using integrated high-fidelity dexterous robot testbeds, and d) quantify and report on the resulting robot capabilities for use in NASA programs. The Recipient of this cooperative agreement will establish university and industry partnerships as necessary to provide best-in-class key technologies that are needed to satisfy ISR objectives. The estimated value of this agreement is approximately \$45M not to exceed 5 years. Goddard intends to issue a final Cooperative Agreement Notice late August 2005. No draft will be issued and proposals will be due 60 days after the release of the Cooperative Agreement Notice.

For more information: <http://prod.nais.nasa.gov/cgi-bin/eps/synopsis.cgi?acqid=117156>.

Computer Systems Research (CSR)

National Science Foundation

Deadline: **November 11, 2005**, second Friday in November, annually thereafter

The Computer Systems Research (CSR) program supports innovative research and education projects that have the potential to: lead to significant improvements in existing computer systems by increasing our fundamental understanding of such systems; produce systems software that is qualitatively and quantitatively more reliable and more efficient; and/or, to produce innovative curricula or educational materials that better prepare the next generation of computing professionals. The CSR program is also interested in projects that expand the capabilities of existing systems by exploiting the potential of new technologies or by developing innovative new ways to use existing technologies. Projects supported will strive to make significant progress on challenging, high-impact problems—as opposed to incremental progress on familiar problems—and will have a credible plan for demonstrating the utility and potential impact of the proposed work. The CSR program contains four topical areas: embedded and hybrid systems, parallel and distributed operating systems, advanced execution systems, and systems modeling and analysis. Projects may range in size from single investigators to teams of several investigators. The CSR program also accepts proposals for workshops and Small Grants for Exploratory Research (SGERs). An individual may appear as PI, Co-PI, or Senior Personnel on no more than two proposals per annual CSR competition.

For more information: <http://www.nsf.gov/pubs/2004/nsf04609/nsf04609.htm>.

FINE ARTS

See also listings under MULTIPLE DISCIPLINES

Universal Design Leadership Project

National Endowment for the Arts

Deadline: **September 12, 2005**

This Program Solicitation requests proposals to carry out a project that will create greater public awareness of and demand for universal designed environments, by educating designers, consumers, educators, developers, city planners, and others on this important design process. The successful proposal must outline a project that will involve collaboration with the targeted audiences, using innovative strategies in order to meet the broad social need, while bringing universal design into the mainstream. The proposal selected will form the basis for a Cooperative Agreement that the Endowment will enter into with the selected organization to carry out the proposed project. Only one Cooperative Agreement award is expected to be made. Funding in the amount of \$50,000 is available. A one to one match is required.

For more information: <http://www.arts.gov/grants/apply/RFP/UniversalDesign.html>.

Europalia.usa 2007

National Endowment for the Arts

Letter of Interest: **September 30, 2005**

Full Proposal (by invitation only): December 15, 2005

The National Endowment for the Arts is proud to present, in partnership with the U.S. Department of State and Europalia International, the culture of the United States of America at one of Europe's largest international arts festivals. Europalia.usa 2007 will showcase the very best of American arts and culture for European audiences. Centered in Brussels and other Belgian cities (such as Ghent, Bruges, and Antwerp), this unique festival showcases the art and culture of a single country through hundreds of events, exhibitions, performances, and colloquia. Europalia.usa 2007 will take place from October 2007 through January 2008. The Arts Endowment will provide grants to organizations to showcase the excellence, diversity, and vitality of the arts in the United States through a series of performances, exhibitions, lectures, and symposia. All organizations that are interested in applying must submit a Statement of Interest that must be received (not postmarked) at the Arts Endowment no later than 5:30 p.m., Eastern Time, September 30, 2005. Following review of these statements, organizations will be invited, by November 15, 2005, to submit formal applications. Formal applications must be received (not postmarked) at the Arts Endowment no later than 5:30 p.m., Eastern Time, December 15, 2005.

For more information:

<http://www.fedgrants.gov/Applicants/NEA/NEA/NEA/2006NEA02EURO/Grant.html>.

French-American Jazz Exchange Program

Chamber Music America

Deadline: **October 14, 2005**

The French-American Jazz Exchange was created by Chamber Music America, the French Embassy and French American Cultural Exchange (FACE) to foster collaborative projects that unite French and American jazz artists. Projects must be collaborative activities between French and American jazz musicians and ensembles. The program supports initiatives in both countries that represent the goals of the French-American Jazz Exchange. Artists are encouraged to think beyond traditional boundaries, form international relationships that may be long-lasting, and stretch their creative imaginations. Collaborations with musicians who champion world music, electronic, contemporary classical and other genres are welcome. Projects may include, but are not limited to composition, touring, recording, and audience development activities. Public performance is required with the understanding that jazz speaks to diverse populations, and experiencing music together bridges differences. Funds are available up to a maximum of \$10,000 per project.

For more information: http://www.chamber-music.org/programs/french_american.html.

HUMANITIES

See also listings under INTERNATIONAL AREA STUDIES, SOCIAL SCIENCES, and MULTIPLE DISCIPLINES

Interpreting America's Historic Places: Planning Grants

National Endowment for the Humanities

Deadline: **September 16, 2005**

Planning grants for Interpreting America's Historic Places may be used by organizations to develop in detail the content and interpretive approach of projects prior to implementation. The "place" to be interpreted might be a single historic site, a series of sites, an entire neighborhood, a community or town, or a larger geographical region. The place taken as a whole must be significant to American history and the project must convey its historic importance to visitors. Applicants should already have defined the appropriate humanities content and themes in consultation with scholars and programming advisors.

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

Television Projects: Planning and Scripting Grants

National Endowment for the Humanities (NEH)

Deadline: **November 3, 2005**

NEH supports television documentary programs or historical dramatizations that address significant figures, events, or developments in the humanities and draw their content from humanities scholarship. Projects must be intended for national distribution during prime time

hours, whether on public television, commercial television, or cable networks. Support is also available for DVDs and websites that expand the content of the television program. To ensure that the humanities themes and questions are well conceived, projects should use a team of scholars who are from major fields relevant to the subject matter and have diverse perspectives and approaches. For projects not at the scripting and planning grant stage, NEH offers other grant opportunities: *Consultation grants* support the early research and development of films in the humanities (Applications for consultation grants are not accepted at the November deadline.); *Production grants* support the preparation of a program for broadcast (see <http://www.neh.gov/grants/guidelines/tvproduction.html> for guidelines; deadline November 3, 2005).

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

Television Projects: Production Grants

National Endowment for the Humanities

Deadline: **November 3, 2005**

Production grants support the preparation of a program for broadcast. Applications must include a script or a detailed treatment that demonstrates a solid command of the humanities scholarship about the subject. It should also show how the program's narrative elements and visual approach will combine to present the intellectual issues. Applicants should have consulted with appropriate scholars about the project and obtained their commitment to continue as advisers. Finally, applicants should have recruited the media team, including at a minimum the producer and the director.

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

INTERNATIONAL AREA STUDIES

See also listings under SOCIAL SCIENCES and MULTIPLE DISCIPLINES

Tinker Field Research Grants

Tinker Foundation

Deadlines: **October 1**, annually

These awards are available to recognized Centers or Institutes of Ibero-American or Latin American Studies with graduate doctoral programs at accredited United States universities. The Grants provide graduate students with travel funds (international and in-country) to Latin America, Spain and Portugal to acquire a comprehensive knowledge of language and culture, to gather research data and to develop contacts with scholars and institutions in their field. They are awarded by the university institutes/centers for brief periods of research in Iberia or Latin America and should reflect primarily the major interests of the Tinker Foundation, i.e., economic policy and governance and those targeted social science disciplines having strong public policy implications, and environmental policy studies. Awards are limited to graduate students conducting predissertation research. The Foundation is now considering two levels of support in

the Field Research Grants competition: \$10,000 and \$15,000. These new funding options are offered on a trial basis and will be reviewed to determine whether they will be permanently instituted. Both awards must be matched by the university on a dollar for dollar basis.

For more information: <http://fdncenter.org/grantmaker/tinker/>.

The Henry Alfred Kissinger Chair in Foreign Policy and International Relations

The John W. Kluge Center

Library of Congress

Deadline: **November 1, 2005**

Established by friends and admirers of the former U.S. Secretary of State, the award is open to senior scholars worldwide with their Ph.D. or equivalent terminal degree and a substantial record of scholarly activity. The Chair supports research in the Library's regarding foreign policy and international affairs related to the United States. The stipend is \$135,000 for 10 months.

For more information: <http://www.loc.gov/loc/kluge/kluge-grantopps.html> (Scroll down to "The Henry Alfred Kissinger Chair in Foreign Policy and International Relations").

MEDICINE & LIFE SCIENCES

See also listings under ENGINEERING & COMPUTER SCIENCE and MULTIPLE DISCIPLINES

Conquer Cancer Now Award

Concern Foundation

Deadline: Letter of Intent: **September 9, 2005**; Full Proposal (by invitation) December 8, 2005

Since 1968, Concern has funded over 500 researchers studying many forms of cancer, primarily in the areas of immunology, immunotherapy, and the genetics of cancer. By targeting young researchers, Concern is able to provide critically needed "seed" money for promising new projects. Concern is particularly interested in funding grants related to cancer genetics, cell biology, and immunology. Concern will not fund clinical trials, cancer epidemiology, or behavioral studies. Grants will only be awarded to independent investigators at the level of Assistant Professor (or equivalent with explanation). The total grant amount for a Conquer Cancer Now Award is \$50,000 for a period of one year, subject to continued funding of an additional \$50,000 for the second year. Application Deadline is December 8, 2005 at 8:00 p.m. Eastern (5:00 pm Pacific). To be considered for funding, a candidate must submit the Electronic Letter of Intent (LOI) by September 9, 2005 via proposalCENTRAL. If approved, a completed electronic application needs to be submitted by the deadline.

For more information: <http://www.concernfoundation.org/grants.php>.

Claude D. Pepper Older Americans Independence Centers (OAICs)

National Institutes of Health

Deadline: Internal Proposal Deadline: **September 8, 2005**

Letters of Intent Receipt Date(s): September 30, 2005

Application Receipt Dates(s): October 25, 2005

This RFA supports new and competing continuation applications for Claude D. Pepper Older Americans Independence Centers (OAICs) (centers of excellence in geriatrics research and training). The program was established in honor of the late Representative to establish “centers of excellence” in geriatrics research and training. The goal of the OAIC program is to increase scientific knowledge that will lead to better ways to maintain or restore independence in older persons. The OAIC awards are designed to develop or strengthen each awardee institution's programs that focus and sustain progress on a key area in aging research. Each area of focus is one in which progress could contribute to greater independence for older persons and offer opportunities for training and career development in aging research for young scientists. The ultimate goal is to enhance translation of basic and developmental research on aging to applications and interventions that increase or maintain independence for older persons. The mechanism to be used is the P30 Center Core Grants award. Eligibility requirements for OAIC applications include specific levels of current PHS funding. Eligible Principal Investigators include individuals from eligible institutions who are qualified to carry out the proposed research. Each applicant organization may submit one application. If you are interested in submitting to this initiative, please submit (1) a three-page pre-proposal (describing proposed research, key personnel, generalized yearly budget) and (2) a short vita for the principal investigator and all co-investigators, including funding history and current and pending support. Please submit this material electronically to Barbara Earl, manager of Proposal Services at KUCR, by 5:00 p.m. on September 8, 2005 (bearl@ku.edu, 864-7781). If the number of pre-proposals exceeds the mandated limit, an internal review committee will be formed to review all proposal submissions (comprised of research administrators from KU-Lawrence and KUMC). The committee's intent is to select a proposer by September 16, 2005..

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-06-001.html>.

Lung Cancer Discovery Award

American Lung Association / LUNGeivity Foundation

Deadline: **September 30, 2005**

The American Lung Association and LUNGeivity Foundation are proud to announce a second competition for the Lung Cancer Discovery Award. This award was created in 2004 and is granted through a partnership between the American Lung Association and the LUNGeivity Foundation. This award(s) will provide funding for investigators seeking to develop novel medical treatments or a cure for lung cancer. This grant will be for a maximum of \$100,000 per year for up to two years.

For more information: <http://www.lungusa.org/site/pp.asp?c=dvLUK9O0E&b=982153>.

Complementary and Alternative Medicine Career Transition Award

National Institutes of Health

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

This transition award in complimentary and alternative medicine (CAM) will provide support for up to 1 year at the postdoctoral level and 3 years of support as an independent scientist to an outstanding advanced postdoctoral trainee who has at least 1 and not more than 5 years of postdoctoral research training at time of submission of the application. The purpose of the short term postdoctoral support (up to one year) is to allow the postdoctoral trainee time to complete research, publish results, and search for an independent position, if they have not obtained an independent position at the time of the K22 award. As part of this application, the candidate must propose a CAM research project for his/her independent research position. The candidate's postdoctoral training may be on a CAM research topic or a research topic that will prepare him/her for the proposed CAM research as an independent scientist.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-05-129.html>.

Diet-Induced Changes in Inflammation as Determinants of Colon Cancer

National Institutes of Health

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

Inflammation is a natural response of the human body to tissue injury or infection, but can, in some normal and abnormal conditions, be acute or chronic and result in serious complications, including colon cancer. The various checks and balances within the inflammatory process may be compromised by the quantity and duration of the insult, or by a host of genetic and environmental factors including diet. Several epidemiological and pre-clinical studies reveal that specific bioactive food components can suppress colonic inflammation as well as reduce colon cancer risk. Nevertheless, it remains unclear whether these diet-induced shifts in the inflammatory process account for their anti-tumorigenic properties in colon cancer. This PA is designed to foster innovative research that will identify and characterize diet-induced changes in inflammation and colon cancer risk.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-05-125.html>.

Established Investigator Award in Cancer Prevention & Control

National Institutes of Health

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

The NCI Established Investigator Award (K05) provides qualified cancer research scientists in the fields of cancer prevention, control, behavioral, and/or population sciences with protected time to devote to research and to mentoring of new investigators. Candidates must justify their request for K05 support in terms of need for protected time to devote to research and mentoring. At the time of the K05 award, candidates must have independent R01 research funding or its equivalent in a research area related to cancer prevention and control. The award provides the

recipient with annual salary support (up to the current Federal salary limit) for 25 percent to 50 percent effort, plus fringe benefits. The award also provides \$25,000 per year in research-related expenses. It is expected that most applicants will request 5 years of funding; support must be for at least 3 years. The K05 award is renewable one time and for up to an additional 5-year period.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-05-145.html>.

Postdoctoral Program in the Early Detection of Cancer

American Cancer Society

Deadline: **October 15, 2005**

Canary Fund in partnership with the American Cancer Society has created a postdoctoral fellowship program focused on studies in the tools and technologies for developing strategies for the early detection of cancer. Research should be directed at new approaches to improve clinical methods for the screening of primary tumors and/or metastases including, but not limited to research focused in the following areas: Minimally invasive strategies for early detection; Biomarker identification or discovery; Imaging, including novel molecular imaging strategies. Most of the projects that will be funded are expected to have a direct impact on the early detection of cancer. However, research designed to provide the conceptual or experimental foundation for the future development of methods for early detection will also be considered. Awards will be 3 years in duration with progressive stipends of \$40,000, \$42,000, and \$44,000 per year, plus \$4,000 per year for institutional allowance. Based upon the availability of funds and the scientific merit of the applications, it is anticipated that up to 2 awards will be made. Applications will only be accepted from scientists who, at the time of application, have had no more than 2 years of research experience beyond their terminal degree (MD or PhD). Applicants must be US citizens or permanent residents working with an accomplished mentor at a non-profit institution.

For more information:

http://www.cancer.org/docroot/RES/content/RES_5_2x_Canary_Fund_ACS_Postdoctoral_Fellowship_in_the_Early_Detection_of_Cancer.asp?sitearea=RES.

Research Scholar Grants in Basic, Preclinical, Clinical, and Epidemiology Research

American Cancer Society

Deadlines: **October 15** and April 1, annually

These grants provide support for investigator-initiated research projects in basic, preclinical, clinical and epidemiology research. The maximum award is for 4 years and for as much as \$200,000 per year (direct costs), plus 20% allowable indirect costs. Investigators in the first six years of an independent research career or faculty appointment are eligible to apply.

For more information:

http://www.cancer.org/docroot/RES/content/RES_5_2x_Research_Scholar_Grants_for_Beginning_Investigators.asp?sitearea=RES.

Research Scholar Grants in Cancer Control and Prevention: Psychosocial and Behavioral Research

American Cancer Society

Deadlines: **October 15** and April 1, annually

These grants provide support for investigator-initiated research projects in psychosocial and behavioral research, including epidemiologic approaches to psychosocial and behavioral research. Awards may be for four years and for as much as to \$200,000 per year (direct costs), plus 20% allowable indirect costs. Eligibility Criteria: Investigators in the first six years of an independent research career or faculty appointment are eligible to apply.

For more information:

http://www.cancer.org/docroot/RES/content/RES_5_2x_Research_Scholar_Grants_in_Psychological_and_Behavioral_Research_for_Beginning_and_Senior_Investigators.asp?sitearea=RES.

Research Scholar Grants in Cancer Control and Prevention: Health Services and Health Policy Research

American Cancer Society

Deadlines: **October 15** and April 1, annually

Support for investigator-initiated research projects in health services and health policy research. Awards may be for four years and for as much as \$200,000 per year (direct costs), plus 20% allowable indirect costs. Eligibility Criteria: Investigators in the first six years of an independent research career or faculty appointment are eligible to apply.

For more information:

http://www.cancer.org/docroot/RES/content/RES_5_2x_Research_Scholar_Grants_For_Health_Services_and_Health_Policy_and_Outcomes_Research.asp?sitearea=RES.

Microbial Observatories (MO) and Microbial Interactions and Processes (MIP)

National Science Foundation

Deadlines: **October 27, 2005**; October 9, 2006; October 8, 2007

Microorganisms are the oldest, most diverse and most abundant forms of life on Earth. However, the identity, physiology and interactions of the vast majority of these microbes, as well as the processes they mediate in the environment, remain unknown or poorly understood. Advances in molecular biology, genomics and bioinformatics, and cultivation technologies herald a new age of exploration of the microbial world. The Microbial Observatories (MO) and Microbial Interactions and Processes (MIP) activities will support research to discover and characterize novel microorganisms, microbial consortia, communities, activities and other novel properties, and to study their roles in diverse environments. The Microbial Observatories activity is a continuation of MO competitions held since. The long-term goal of this activity is to develop a network of sites or "microbial observatories" in different habitats to study and understand microbial diversity over time and across environmental gradients. Beginning with the October

2005 target date, the USDA/CSREES will partner with NSF to support MO projects relevant to agroecosystems. Microbial Interactions and Processes (MIP) expands the range of the MO competition to support microbial diversity research projects that need not be site-based, and that are smaller and/or shorter in duration than MO projects. MIP projects will be considered for funding by NSF only.

For more information: <http://www.nsf.gov/pubs/2005/nsf05600/nsf05600.htm>.

Plant Genome Research Program (PGRP)

National Science Foundation

Deadline: **November 1, 2005**

This program is a continuation of the Plant Genome Research Program (PGRP) that began in FY1998 as part of the National Plant Genome Initiative (NPGI). The overall goals of this program are to support basic research in plant genomics and to accelerate the acquisition and utilization of new knowledge and innovative approaches to elucidating fundamental biological processes in plants. The focus is on plants of economic importance and plant processes of potential economic value. Three kinds of activity will be supported in FY2006: (1) Genome-Enabled Plant Research (GEPR) awards to tackle major unanswered questions in plant biology on a genome-wide scale, (2) Translational Research from Model Systems (TRMS) to transfer findings made using model systems to plants of economic importance, and (3) Tools and Resources for Plant Genome Research (TRPGR) awards to support development of novel technologies and analysis to enable discovery in plant genomics. An investigator may serve as Principal Investigator or Co-Investigator on one proposal submitted to this program.

For more information: <http://www.nsf.gov/pubs/2005/nsf05603/nsf05603.htm>.

Additional Support for NIH-funded Postdoctoral Fellows in Lymphatic Research

Lymphatic Research Foundation

Deadline: **November 15, 2005**

The Lymphatic Research Foundation (LRF) is offering additional support to outstanding NIH-funded F32 Postdoctoral Fellows who are currently working in the field of lymphatic research. LRF, a not-for-profit organization, is committed to promoting and supporting basic and translational research that will lead to improved understanding and/or advances in the prevention, diagnosis and treatment of lymphatic diseases, lymphedema and related disorders. The goal of the program is to help foster the careers of NIH-funded Postdoctoral Fellows by offering additional support for their research projects. The Lymphatic Research Foundation is accepting applications from candidates working in the United States who meet the following eligibility requirements: Currently supported by the NIH F32 Postdoctoral Fellowship Program; Have at least one year remaining of F32 support as of July 1, 2006; Conduct research that will advance the mission of the Lymphatic Research Foundation. Candidates must apply for additional support under the guidance of a Sponsor who is an established investigator with an active, productive research program. Funding will be provided of up to \$20,000 (\$10,000

annually) over two years for each award. Proposals are due November 15, 2005 at 1:00 p.m. Eastern Standard Time (EST) U.S. (GMT-5).

For more information:

<http://www.lymphaticresearch.org/main.php?menu=programs&content=funding> (scroll down to “Additional Support for NIH-Funded Postdoctoral Fellows”).

Postdoctoral Fellowship Awards Program

Lymphatic Research Foundation

Deadlines: Letter of Intent: **November 15, 2005**; Full Proposal (if selected) March 2, 2006.

The Lymphatic Research Foundation (LRF) is pleased to launch the LRF Postdoctoral Fellowship Awards Program. The goal of the Program is to expand and strengthen the pool of outstanding junior investigators in the field of lymphatic research. The awards will support investigators who have recently received their doctorates, a critical point in career development when young scientists choose their lifelong research focus. LRF is accepting applications from candidates working in the United States or in other countries who meet the following eligibility requirements: Hold an M.D. and/or Ph.D. degree(s) or equivalent degree(s); Have completed less than three years of full-time postdoctoral research experience by July 1, 2006; Will conduct the proposed research project at a hospital, university or other research institution where the candidate holds a postdoctoral fellowship appointment; Submit a project relevant to the mission of the Lymphatic Research Foundation. Eligibility is not limited to those investigators with past experience in the field. Candidates must apply for the fellowships under the guidance of a Sponsor who is an established investigator with an active, productive research program. Candidates will be selected in a two-step process. An initial two-page Letter of Intent must be received no later than Tuesday, November 15, 2005. In January 2006, selected investigators will be invited to submit full proposals, due Thursday, March 2, 2006.

For more information:

<http://www.lymphaticresearch.org/main.php?menu=programs&content=funding> (Scroll down to “LRF Postdoctoral Fellowship Awards Program”).

Doctoral Dissertation Improvement Grants in the Directorate for Biological Sciences

National Science Foundation

Deadlines: **November 18, 2005**; November 17, 2006; November 16, 2007

The NSF awards Doctoral Dissertation Improvement Grants in selected areas of the biological sciences. These grants provide partial support of doctoral dissertation research to improve the overall quality of research. Allowed are costs for doctoral candidates to conduct research in specialized facilities or field settings away from the home campus, to participate in scientific meetings, and to provide opportunities for greater diversity in collecting and creativity in analyzing data than would otherwise be possible using only locally available resources.

For more information: <http://www.nsf.gov/pubs/2005/nsf05607/nsf05607.htm>.

AACR Career Development Awards

American Association for Cancer Research

Deadline: **December 1, 2005**

AACR Career Development Awards provide two-year grants of \$50,000 per year for direct research expenses. These Awards provide important transitional support as investigators move from postdoctoral studies to faculty status. Various awards are offered for research in specific cancer research areas to investigators currently holding the following types of positions: Instructors, Research Assistant Professors, and Assistant Professors. Candidates must be nominated by their department head or dean. If the nominator is not an Active, Emeritus, or Honorary Member of the AACR, candidates must have a second letter of nomination from an Active, Emeritus, or Honorary Member of the AACR.

For more information: <http://www.aacr.org/default.aspx?p=2852>.

AACR-Gertrude B. Elion Cancer Research Award

American Association for Cancer Research

Deadline: **December 1, 2005**

The annual AACR-Gertrude B. Elion Cancer Research Award fosters meritorious basic, translational, or clinical cancer research by a tenure-track scientist at the level of Assistant Professor. The award recognizes research excellence in cancer etiology, diagnosis, treatment, or prevention. It provides a one-year grant of \$50,000 for salary and benefits, laboratory supplies, and limited domestic travel. Attendance at the AACR 97th Annual Meeting to accept the award is mandatory and the recipient will be required to give a presentation of their research in a mini-symposium at the AACR 98th Annual Meeting. Candidates must be tenure-track scientists at the level of Assistant Professor. Candidates cannot be tenured or under consideration for tenured academic positions at the time of application.

For more information: <http://www.aacr.org/default.aspx?p=2849>.

AACR Research Fellowships

American Association for Cancer Research

Deadline: **December 1, 2005**

AACR Research Fellowships foster basic, translational, and clinical research by scientists at the beginning of their careers in the cancer field. These Research Fellowships have been introduced in response to the growing need for additional funds to train early career scientists at this time of scarce resources for cancer research. Various fellowships are offered. Candidates must hold the title of Postdoctoral Fellow or Clinical Research Fellow at an academic facility, teaching hospital, or research institution and continue to hold this title at the start of the award year on July 1, 2006. They must also be in the second, third, or fourth year of year of their postdoctoral training at the start of the award year on July 1, 2006.

For more information: <http://www.aacr.org/default.aspx?p=3282>.

Concept Research Proposals Primary Immune Deficiency Diseases (PIDD)

US Immunodeficiency Network

Deadline: Concept Papers Accepted Anytime

The US Immunodeficiency Network (USIDNET) is requesting Concept Research Proposals focused on primary immune deficiency diseases. USIDNET will award research subcontracts for up to two years from \$50,000 to \$150,000 annually including indirect costs. USIDNET will consider Concept Proposals from U.S. and non-U.S. citizens. USIDNET Research Objectives:

- Study the clinical, molecular and cellular characteristics of genetically determined immunodeficiency diseases
- Identify the molecular bases of newly defined PIDD
- Discover improved diagnostic tools for PIDD
- Advance novel therapeutic approaches for PIDD
- Encourage utilization of the PIDD Registries and Repository

Applicants can submit a Letter of Intent with a short 2-3 page "Concept Paper" attached using an electronic application process at RAMS proposalCENTRAL website. If the Letter of Intent is approved, the applicant will be asked to submit a full application similar to the NIH Concept proposals are accepted throughout the year and are reviewed within two months of receipt.

For more information: <http://www.usidnet.org/index.aspx?sid=2>.

Research Opportunity Grants for Junior and Senior Investigators

American Cancer Society

Deadlines: Letters of Intent may be submitted at any time; full proposal by invitation

These grants provide rapid, one-time funding for novel ideas or for targeting urgent problems with immediate human benefit. Awards are for one year and for as much as \$72,000 total cost. There is no fixed application deadline; however, a letter of intent is required. Eligibility Criteria: Independent investigators at any stage of their research careers are eligible to apply. Letters of Intent for Research Opportunity Grants may be submitted at any time. Forms for grant applications will be forwarded to investigators who receive an affirmative response to their Letter of Intent.

For more information:

http://www.cancer.org/docroot/RES/content/RES_5_2x_Research_Opportunity_Grants_for_Beginning_and_Senior_Investigators.asp?sitearea=RES.

PHYSICAL SCIENCES & MATHEMATICS

National Spherical Torus Experiment - Innovative Measurements of Spherical Torus Plasmas

Office of Fusion Energy Sciences

U.S. Department of Energy

Deadlines: Letter of Intent: **September 14, 2005**; Full Proposal: October 12, 2005

The Office of Fusion Energy Sciences (OFES) of the Office of Science (SC), U.S. Department of Energy (DOE) hereby announces its interest in receiving grant applications for collaborative

research involving innovative diagnostics on the National Spherical Torus Experiment (NSTX) at Princeton Plasma Physics Laboratory. The NSTX program addresses two of the long term goals of OFES: Configuration Optimization and developing a Predictive Capability for Burning Plasmas. Collaborative research involving innovative diagnostics must support the NSTX program goals by making important measurements related to plasma profile evolution, plasma control and stability, plasma turbulence and transport, or edge plasma characteristics. To be considered for funding, applicants must have discussed their proposed research with the NSTX National Research Program Leaders and must include a Record of Discussion indicating the benefits of their proposed research to the planned NSTX research program and the interface support required by the proposed collaborative work.

For more information: <http://www.science.doe.gov/grants/FAPN05-20.html>.

Plasma Physics Junior Faculty Development Program

U.S. Department of Energy

Deadlines: Letter of Intent: **September 19, 2005**; Full Proposal: October 18, 2005

The Office of Fusion Energy Sciences (OFES) of the Office of Science (SC), U.S. Department of Energy (DOE), hereby announces its interest in receiving grant applications for support under its Plasma Physics Junior Faculty Development Program. Applications should be from tenure-track faculty investigators who are currently involved in experimental or theoretical plasma physics research and should be submitted through a U.S. academic institution. The purpose of this program is to support the development of the individual research programs of exceptionally talented scientists and engineers early in their careers. Applications from Junior Faculty involved in any area of plasma physics research, not only magnetic fusion, are welcomed and encouraged. Emphasis is to be placed on the fundamental plasma physics elements of the research as opposed to applications of plasma physics. Annual funding levels up to \$150,000 per award may be made available for grants under this notice with the usual award period covering a total of three years.

For more information: <http://www.science.doe.gov/grants/FAPN05-21.html>.

Radiation Belt Storm Probes (RBSP) Investigations and Geospace-Related Missions of Opportunity

National Aeronautics and Space Administration (NASA)

Deadline: Notice of Intent: **September 20, 2005**; Full Proposals: November 22, 2005

The NASA will release Announcement of Opportunity NNH05ZDA0030 for the Radiation Belt Storm Probes (RBSP) Investigations and Geospace-Related Missions of Opportunity, on or about August 23, 2005. Notices of Intent to propose are requested by September 20, 2005, and proposals will be due on November 22, 2005. A Preproposal Conference for this AO will be held in the Washington, DC area on or about September 9. Details of this event will be posted at <http://rbsp.larc.nasa.gov/> no later than August 23, 2005. The RBSP is the second mission in NASA's Living with a Star (LWS) Program and is planned for launch in February 2011. The opportunity is to provide understanding, ideally to the point of predictability, of how populations

of relativistic electrons and ions in space are formed or changed in response to the variable inputs of energy from the Sun. Of special interest are the controlling mechanisms of particle and field variations responsible for energetic particle acceleration, transport and loss processes. Proposed investigations must provide identical pairs of individual instruments or identical pairs of suites of instruments. This Announcement of Opportunity also invites proposals for Missions of Opportunity that effectively fulfill LWS Geospace objectives through an investigation that is carried on a mission sponsored by an organization other than NASA's Science Mission Directorate. Upon its release date, this Announcement of Opportunity will be available electronically through the NASA research opportunities homepage at <http://nspires.nasaprs.com>.

For more information: <http://nspires.nasaprs.com> (After August 23, 2005, click on "Solicitations" and then "Open Solicitations," and look for "NNH05ZDA003O")

Atomic Molecular and Optical Physics Program

National Science Foundation

Deadline: **September 28, 2005**

The Atomic Molecular and Optical Physics program encompasses four sub-areas of this broad discipline: Precision Measurements, Atomic and Molecular Dynamics, Atomic and Molecular Structure, and Optical Physics. Research supported in the first three sub-areas includes activities in quantum control, cooling and trapping of atoms and ions, low-temperature collision dynamics, the collective behavior of atoms in weakly interacting gases (Bose-Einstein Condensates and dilute Fermi degenerate systems), precision measurements of fundamental constants, and the effects of electron correlation on structure and dynamics. In Optical Physics, support is provided in areas such as nonlinear response of isolated atoms to intense, ultra-short electromagnetic fields, the atom-cavity interaction at high fields, and quantum properties of the electromagnetic field.

For more information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13622.

Concept Studies for the Joint Dark Energy Mission (JDEM)

National Aeronautics and Space Administration

Deadlines: Letter of Intent: **November 4, 2005**; Full Proposal: January 20, 2006

Amendment No. 24 to NASA Research Announcement "Research Opportunities in Space and Earth Sciences" (ROSES) (NNH05ZDA001N) establishes a new Program Element in Appendix C.13 entitled "Concept Studies for the Joint Dark Energy Mission (JDEM)." This new program element solicits proposals to conduct a concept study for space-based JDEM science investigations. It is the intent of this solicitation to provide sufficient support for the development of collaborations with independent approaches to the JDEM science investigation. The final product of the two-year JDEM concept study will be a Concept Study Report. Notices of Intent to propose are due November 4, 2005, and proposals are due January 20, 2006.

For more information:

http://nspires.nasaprs.com/external/viewrepositorydocument/24735/Amendment_24.pdf (PDF file of Amendment No. 24);

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={CA1A2C91-4339-9A34-1BDE-F118E7FC124F}&path=open> (Complete ROSES solicitation).

Astronomy and Astrophysics Research Grants (AAG) Program

National Science Foundation

Deadline: Submission Window: September 15 – **November 15**, annually

The Astronomy and Astrophysics Research Grants (AAG) Program provides individual investigator and collaborative research grants for observational, theoretical, laboratory and archival data studies in all areas of astronomy and astrophysics, including but not limited to the following areas of study: Planetary Astronomy; Stellar Astronomy and Astrophysics; Galactic Astronomy; Extragalactic Astronomy and Cosmology. Proposals submitted to the AAG Program do not require categorization into one of the study areas identified above. Proposals may span multiple disciplines and/or areas of study and may utilize multiple techniques. Investigators are encouraged to contact one of the Program Officers listed in this announcement prior to submitting a proposal to the AAG Program, particularly if the proposal will include investigators at multiple institutions.

For more information: <http://www.nsf.gov/pubs/2005/nsf05608/nsf05608.htm>.

Discovery Corps Fellowship Program

National Science Foundation

Deadlines: **December 2, 2005**

The Discovery Corps Fellowship Program is a pilot program seeking new postdoctoral and professional development models that combine research expertise with service-oriented projects. Discovery Corps Fellows leverage their research expertise through projects that address areas of national need. Their projects enhance research capacity and infrastructure, contribute to workforce development and job creation and develop innovative linkages between chemistry and other fields. For this pilot program, successful Fellows will have research expertise in areas supported by the NSF Division of Chemistry. The Discovery Corps Fellowship Program comprises two categories of awards: recent doctoral recipients serve as Discovery Corps Postdoctoral Fellows; and mid-career professionals serve as Discovery Corps Senior Fellows.

For more information: <http://www.nsf.gov/pubs/2005/nsf05593/nsf05593.htm>.

Program for Research and Education with Small Telescopes (PREST)

National Science Foundation

Deadlines: **January 20**, annually

The Program for Research and Education with Small Telescopes (PREST) is designed to address a spectrum of research and teaching needs for a large number of individuals at institutions without observatories or the resources needed to make their existing observing facilities reliable and productive tools for research and training. The PREST activity provides funding and

modest operational support for modern, instrumented telescopes in the range of 0.5 to 2.5 meters aperture to organizations or consortia presenting an integrated program of research, student training, and educational programming.

For more information: <http://www.nsf.gov/pubs/2004/nsf04557/nsf04557.htm>.

SOCIAL SCIENCES

See also listings under HUMANITIES, INTERNATIONAL AREA STUDIES, MEDICINE & LIFE SCIENCES, and MULTIPLE DISCIPLINES

Educational Programs for Population Research

U.S. Department of Health and Human Services

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

This announcement encourages applications for educational activities related to the NICHD mission to support research on the processes that determine population size, growth, composition, and distribution, and on the determinants and consequences, of population processes and the NIA mission to support research on the antecedents and impacts of changing social, demographic, economic, and health characteristics of the older population. It encourages activities designed to address three key objectives: enhancing the development of interdisciplinary scientists and facilitating interdisciplinary studies; improving the dissemination and use of existing data sets in population research; and advancing the adoption of quantitative and qualitative methodologies. Most awards are expected to have direct costs of \$165,000 per year or less, and project periods not exceeding two years. This funding opportunity will use the NIH Education Project (R25) award mechanism.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-05-134.html>.

Individual Research Grants

Wenner-Gren Foundation for Anthropological Research

Deadlines: **November 1** and May 1, annually

Grants for amounts up to \$25,000 for Dissertation Fieldwork and Post-PhD Grants and \$40,000 for Richard Carely Hunt Postdoctoral Fellowships are available for basic research in all branches of anthropology. Dissertation and Post-Ph.D. grants are made to seed innovative approaches and ideas, to cover specific expenses or phases of a project, and/or to encourage aid from other funding agencies. Richard Carley Hunt Postdoctoral Fellowships are given to aid the write-up of research results for publication. The foundation particularly invites projects employing comparative perspectives or integrating two or more subfields of anthropology. A small number of awards is available for projects designed to develop resources for anthropological research and scholarly exchange.

For more information: <http://www.wennergren.org/programsirg.asp>.

Individual Advanced Research Opportunities (IARO)

International Research and Exchanges Board (IREX)

Deadline: **November 15, 2005**

The IARO Program provides fellowships to US scholars and professionals for overseas research on contemporary political, economic, historical, or cultural developments relevant to US foreign policy. Limited funding is available for non-policy-relevant topics. IARO is funded by the United States Department of State Title VIII Program and the IREX Scholar Support Fund. Grants will be awarded in EACH of the four categories: Master's Student; Predoctoral Student; Professional; Postdoctoral Scholar.

For more information: <http://www.irex.org/programs/iaro/application.asp>.

MULTIPLE DISCIPLINES

Cooperative Agreement Notice for NASA Astrobiology Institute Cycle-4

National Aeronautics and Space Administration (NASA)

Deadlines: Notice of Intent: **August 26, 2005**; Full Proposal: October 28, 2005

The National Aeronautics and Space Administration (NASA) Science Mission Directorate is releasing a Cooperative Agreement Notice NNH05ZDA001C for the submission of Team-based proposals for membership in the NASA Astrobiology Institute. Proposals should clearly articulate an innovative, interdisciplinary, astrobiology research program, together with plans to advance the full scope of NASA Astrobiology Institute objectives.

For more information:

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={CA004062-7389-F448-63DF-088C143209AD}&path=open>.

Head Start Family Literacy Project

Administration for Children and Families (ACF)

U.S. Department of Health and Human Services

Deadline: **September 8, 2005**

The Administration for Children and Families (ACF), Administration on Children, Youth and Families (ACYF), Head Start Bureau, is making available \$3 million annually for each of the next five years, to support a cooperative agreement to provide family literacy training and technical assistance to Head Start and Early Head Start programs based on proven effective practices substantiated by research findings. This project will help grantees and delegate agencies nationwide to improve the quality and positive outcomes of family literacy services they provide. This includes programs serving American Indians, Alaska Natives, migrant and seasonal workers, and English language learners.

For more information: <http://www.acf.hhs.gov/grants/open/HHS-2005-ACF-ACYF-YL-0023.html>.

International Science and Education (ISE) Competitive Grants Program

U.S. Department of Agriculture

Deadline: **September 15, 2005**

The purpose of ISE is to support the internationalization of food, agriculture and related programs at U.S. universities and colleges. ISE intends to improve the ability of American students, business people, and community members to compete more effectively in the global world of agriculture. ISE projects are to strengthen the global competence and competitiveness of American colleges, universities and businesses in the food, agriculture, and related sectors. In addition, ISE projects must be directed to agricultural research, extension, and teaching activities that enhance the capabilities of American colleges and universities to conduct international collaborative research, extension and teaching. Proposals should demonstrate how the proposed work responds to the specific needs and strengths of the university or college in addressing the following areas: 1.) Strengthening the Global Competence of Students, Faculty, and Staff in Agriculture and Related Areas, and 2.) Enhancing Business Performance in International Agriculture and Related Sectors. Multi-year proposals, up to a maximum of four years, may be submitted. The maximum amount for any single award under this program is \$100,000, and no Project Director (PD) may receive or participate in more than one grant concurrently. In addition, no institution may be the lead organization more than one grant.

For more information: http://www.csrees.usda.gov/funding/rfas/intl_science.html.

Child Development Associate (CDA) National Credentialing Program

Administration for Children and Families (ACF)

U.S. Department of Health and Human Services

Deadline: **September 23, 2005**

The Administration for Children and Families (ACF), Administration on Children, Youth and Families (ACYF) announces the availability of \$1,000,000 annually for each of five years to support staff development for all individuals employed in local Head Start, Early Head Start, and other child care programs to increase the understanding and skills necessary to carry out their jobs, as well as professional development leading to credentials and degrees. A cooperative agreement is a form of Federal financial assistance that allows substantial Federal involvement in the activities for which funds are awarded.

For more information: <http://www.acf.hhs.gov/grants/open/HHS-2005-ACF-ACYF-YD-0064.html>.

Franklin Research Grants

American Philosophical Society

Deadlines: **October 1, 2005** and December 1, 2005

Since 1933 the American Philosophical Society has awarded small grants to scholars in order to support the cost of research leading to publication in all areas of knowledge. In 2004 the Franklin

Research Grants program awarded \$350,000 to 85 scholars. The Franklin program is particularly designed to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; the costs associated with fieldwork; or laboratory research expenses. Applicants are expected to have a doctorate, or to have published work of doctoral character and quality. Pre-doctoral graduate students are not eligible. Funding is offered up to a maximum of \$6000, for use in calendar year 2006. APS accepts applications at two deadlines: October 1, 2005 for a January 2006 decision for work beginning after February, and December 1, 2005 for a March 2006 decision for work beginning after April.

For more information: <http://www.amphilsoc.org/grants/franklin.htm>.

Request for Proposals

Kansas Soybean Commission

Deadline: **October 14, 2005**

The Kansas Soybean Commission is soliciting research and education proposals for FY 2006-2007. Proposals will be accepted in the following broad areas: Breeding/Production/Environmental Programs; Human Nutrition Studies/Food Safety; Value-Added Projects; Marketing Extension Programs and Transportation. Within these broad areas the Commission has specified sub-areas. See the full request for proposals for a complete description of the Commission's areas of interest (see contact below).

For more information: Contact: Kenlon Johannes, Administrator; Kansas Soybean Commission; 2930 SW Wanamaker Drive; Topeka, KS 66614-4116; Phone: 785-271-1040; Johannes@kansassoybeans.org.

Sabbatical Fellowships in the Humanities and Social Sciences

American Philosophical Society

Deadline: **October 15, 2005**

The Sabbatical Fellowships program is open to mid-career faculty of universities and 4-year colleges in the United States who have been granted a sabbatical/research leave, but for whom financial support from the home institution is available for only part of the year. Candidates must not have had financially supported leave at any time subsequent to September 1, 2002. The total of institutional and external support should not exceed the academic year salary for the year in which the fellowship is held. There is no restriction on where the fellow resides. The candidate's doctoral degree must have been conferred no later than 1998, and no earlier than 1983. The Sabbatical Fellowship carries a stipend of \$30,000 to \$40,000. The precise amount of each fellowship will be determined by the committee. Tenure of the fellowship is for the academic year 2006-2007, or for the calendar year 2007. Payment occurs in either January or July 2007.

For more information: <http://www.amphilsoc.org/grants/sabbatical.htm>.

Graduate Research Fellowship Program (GRFP)

National Science Foundation

Deadline(s) are dependent on proposed field of study or specialization:

November 2, 2005—Life Sciences

November 3, 2005—Psychology, Mathematical Sciences

November 4, 2005—Social Sciences

November 7, 2005—Chemistry, Physics and Astronomy

November 8, 2005—Engineering

November 9, 2005—Computer and Information Science and Engineering (CISE),
Geosciences

Official Academic Transcript(s) (Required) due by deadline for Field of Study

Reference Letters (Three Required) due December 31, 2005

GRE Subject and General Test Scores (Optional) due December 31, 2005.

The National Science Foundation aims to ensure the vitality of the human resource base of science, technology, engineering, and mathematics in the United States and to reinforce its diversity by offering approximately 1,000 graduate fellowships in this competition. The Graduate Research Fellowship provides three years of support for graduate study leading to research-based master's or doctoral degrees and is intended for students who are at the early stages of their graduate study. The Graduate Research Fellowship Program (GRFP) invests in graduate education for a cadre of diverse individuals who demonstrate their potential to successfully complete graduate degree programs in disciplines relevant to the mission of the National Science Foundation. Fellowship applications must be submitted electronically using the NSF Fastlane Graduate Research Fellowship Program Application Module at <https://www.fastlane.nsf.gov/grfp/> according to the field of study deadline.

For more information: <http://www.nsf.gov/pubs/2005/nsf05601/nsf05601.htm>.

Fall 2006 Greater Research Opportunities (GRO) Undergraduate Student Fellowships

U.S. Environmental Protection Agency

Deadline: **November 3, 2005**

The U.S. Environmental Protection Agency (EPA), as part of its Greater Research Opportunities (GRO) program, is offering Undergraduate Fellowships for bachelor level students in environmentally related fields of study. The deadline for receipt of pre-applications is November 3, 2005. Subject to availability of funding, the Agency plans to award approximately 15 new fellowships by July 21, 2006. Eligible students will receive support for their junior and senior years of undergraduate study and for an internship at an EPA facility during the summer between their junior and senior years. The fellowship provides up to \$17,000 per year of academic support and up to \$7,500 of internship support for a three-month summer period.

For more information: http://es.epa.gov/ncer/rfa/2006/2006_gro_undergrad_fellow.html.

Collaborative Research in Chemistry (CRC)

National Science Foundation

Deadlines: Preliminary Proposals (required): **November 14, 2005**; August 11, 2006

Full Proposals (by invitation only): March 13, 2006; December 10, 2006

The CRC Program is designed to promote interdisciplinary collaborative research in a coherent, defined project at the forefront of the chemical sciences. CRC proposals will involve three or more investigators with complementary expertise. Co-investigators may include researchers with backgrounds in diverse areas of chemistry and other science and engineering disciplines appropriate to the proposed research. The use of cyber-infrastructure to enable and enhance collaborations is encouraged. Projects should be scientifically focused in areas supported by the NSF Division of Chemistry, limited in duration, and substantial in their scope and impact. The CRC Program will use preliminary proposals to identify promising projects. Full CRC proposals will be considered by invitation only, based on peer review of preliminary proposals.

For more information: <http://www.nsf.gov/pubs/2005/nsf05606/nsf05606.htm>.

Small Grants Program for Cancer Epidemiology

National Institutes of Health

Deadline: **November 21, 2005**; March 20, 2006; July 20, 2006; November 20, 2006

The Small Grants Program for Cancer Epidemiology focuses on etiologic cancer research and provides support for pilot projects, testing of new techniques, secondary analyses of existing data, and development of innovative projects that could provide a basis for more extended research. This program will use the NIH individual research project grants (R03) award mechanism. The total budget may not exceed \$100,000 in direct costs for the entire project. The direct costs in any one year must not exceed \$50,000. The total project period for applications submitted in response to this announcement may not exceed 2 years.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-04-159.html>.

National Leadership Grants for Libraries and Museums

Institute of Museum and Library Services

Deadline: **February 1, 2006**

National Leadership Grants enable libraries and museums to help all individuals attain the knowledge, skills, attitudes, behaviors, and resources that enhance their engagement in community, work, family, and society. Projects should enable libraries and museums to address current problems in creative ways, develop and test innovative solutions, and expand the boundaries within which cultural heritage institutions operate. The results of these projects will help equip tomorrow's libraries and museums to better meet the needs of a Nation of Learners. Successful proposals will show evidence that they will have national impact and generate results—whether new tools, research, models, services, practices, or alliances—that can be widely adapted or replicated to extend the benefit of federal support. Proposals will reflect an

understanding of current issues and needs, showing the potential for far-reaching impact throughout the museum and/or library community. Projects will provide creative solutions to issues of national importance and provide leadership for other organizations. Leadership grants are offered in three Categories: Advancing Learning Communities; Building Digital Resources; Research and Demonstration.

For more information:

<http://www.fedgrants.gov/Applicants/IMLS/OPLA/OPLA/NLG-FY06/Grant.html>.

Museum Assessment Program

Institute of Museum of Library Services / American Association of Museums

Deadline: **February 15, 2006**

The American Association of Museums' Museum Assessment Program is supported through a cooperative agreement with the Institute of Museum and Library Services. It is designed to help museums assess their strengths and weaknesses and to plan for the future. The program provides technical assistance for four assessments: (1) collections management, (2) governance, (3) institutional, and (4) public dimension. Assessments are provided on a first-come, first-served basis. Museums may apply for MAP assessments in any sequence. Museums that received an IMLS grant for any given MAP assessment on or before September 1999 may apply to participate in that assessment a second time.

For more information: http://www.ims.gov/grants/museum/mus_map.asp.

Mechanism for Time-Sensitive Research Opportunities

National Institutes of Health

Deadline: Letters of Intent Receipt Date(s): 4 weeks prior to planned submission date

Application Receipt Dates(s): The 9th of each month

This PA is intended to support public mental health and/or substance abuse services research in rapidly evolving areas (e.g., changes in service systems, health care financing, policy, etc) where opportunities for empirical study are, by their very natures, only available through expedited award of support. There are three distinguishing features of an eligible study: 1) the study's scientific value and feasibility are clear, 2) rapid review and funding are required in order for the scientific question to be answered and for the research design to be carried out, and 3) the knowledge gained from the study cannot be obtained through the regular NIH cycle of review and award. It should be clear that the research question offers an uncommon and scientifically significant services research opportunity that could only become available if the project is initiated with minimum delay. This funding opportunity will use the NIH Research Project Grant (R01), Exploratory/Developmental Grant (R21), Clinical Exploratory/Developmental Grant (R34), and Small Grant (R03) award mechanisms.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-05-150.html>.