

Funding Opportunities Bulletin **October 2009**

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BUSINESS

See also opportunities listed under MULTIPLE DISCIPLINES

Glen McLaughlin Prize for Research in Accounting Ethics

University of Oklahoma, Price College of Business, School of Accounting

Deadline: December 1, 2009

The John T. Steed School of Accounting invites scholars to submit their unpublished papers examining the implications of ethics in any area of accounting. The development of the ethical concepts in the paper may be rooted in ethical philosophy, but authors should feel free to draw upon ethical insights from other disciplines such as sociology, psychology, biology, economics, and humanities. The paper is best viewed as an interdisciplinary work, contributing to the understanding of ethical concepts and then applying this understanding to accounting issues in an effective way. Examples of topics suitable for the prize include (but not limited to):

- corporate disclosure practices;
- financial reporting, valuation, and performance measurement;
- management control systems;
- executive compensation structure and incentive issues;
- assurance services and litigation;
- corporate governance and internal control;
- forecasting and the role of financial analysts; and
- tax reporting and disclosure.

For further information: <http://fundingopps.cos.com/cgi-bin/fo2/getRec?id=103355>

Research Grants

Society for Human Resource Management (SHRM) Foundation

Deadline: December 14, 2009

The SHRM Foundation funds original, rigorous empirical research projects that advance the HR profession.

The SHRM Foundation funds high impact HR research, aimed at an academic audience while also having direct actionable implications for HR practice, whether the focus is on addressing current challenges or understanding emerging trends. Any topic will be considered, however the grant must be for original rigorous empirical academic research that advances the HR profession. While aimed at an academic audience, funded research should also have clear applicability for HR practice and help contribute to evidence-based HR. As such, projects submitted for funding should have a high likelihood of both adding value to the HR academic literature (i.e., be suitable for leading academic journals) and yielding practical implications for HR managers (i.e., applied outlets should be interested in the research results). The SHRM Foundation is open to funding research using any type of research methodology as long as the proposed methodology is sound and appropriate for the proposed research question(s). Those research questions typically (but not solely) take the form of theoretically derived hypotheses.

For further information: <http://www.shrm.org/about/foundation/research/Pages/default.aspx>

Ruth O'Brien Project Grant

American Association of Family and Consumer Sciences (AAFCS) Grants

Deadline: January 16, 2010

The American Association of Family and Consumer Sciences (AAFCS) awards grant funding for a variety of family and consumer sciences research and professional development projects. AAFCS will offer the Ruth O'Brien Project Grant, which was established in 1972 through a bequest from Ruth O'Brien, former assistant chief of the Bureau of Human Nutrition and Home Economics, U.S. Department of Agriculture, and supports research and development in family and consumer sciences. The grant's objectives are (1) to assist members of the profession to develop and use their full potential to serve society; (2) to provide support for education, study, and scientific research in fields relating to family and consumer sciences; and (3) to improve the usefulness and effectiveness of family and consumer sciences in all its aspects. Funding is available for projects that help fulfill these objectives and are in accord with the goals of the association and the profession. Proposals must be innovative in nature and may be submitted for basic research, community service projects, student or model programs, development of educational materials, leadership conferences, educational seminars, workshops, or other projects that contribute to the knowledge base of developments and trends in family and consumer sciences.

For further information: <http://www.aafcs.org/programs/grantseven.html>

Economics Program

National Science Foundation (NSF)

Deadline: January 18, 2010

The 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 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 also funds conferences and interdisciplinary research that strengthens links among economics and the other social and behavioral sciences as well as mathematics and statistics.

For further information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5437

EDUCATION

See also opportunities listed under MULTIPLE DISCIPLINES

Adolescent Literacy Predoctoral Fellowship

National Academy of Education

Deadline: December 1, 2009

This program supports doctoral research aimed at improving literacy outcomes for middle and secondary school students. Fellows will also participate in ongoing training activities to interact with and learn from leading researchers in the field of adolescent literacy and in activities that promote building a community of scholars.

Applicants should meet the following eligibility requirements:

1. Be a candidate for the doctoral degree at a graduate school within the United States
2. Have demonstrated interest in and acquired knowledge of adolescent literacy through coursework, participation in research, teaching, and/or other substantive undertakings; relevant coursework includes, for example, courses in literacy development, literacy disorders, secondary school literacy, adolescent literature, etc.
3. Have demonstrated knowledge of and sensitivity to the characteristics of the populations and the life circumstances of the segments of the adolescent population where the problem of literacy development is most prevalent
4. Have been prepared or are being prepared through coursework

and training to conduct research focusing on educational effectiveness, utilizing rigorous research methods that are appropriate to the conceptual issues being investigated, including experimental and quasi-experimental designs, longitudinal analyses, secondary analyses of large datasets, and descriptive analyses

For further information: http://www.naeducation.org/Adolescent_Literacy_Pre-Doctoral_Fellowship.html

AERA-AIR (A2) Fellows Program

American Educational Research Association (AERA)

Deadline: December 15, 2009

This program aims to build the talent pool of highly skilled education researchers experienced in working on large-scale studies in major research environments. The program is designed to support early career scholars by providing intensive research and training opportunities to recent doctoral recipients in fields and disciplines related to the scientific study of education and education processes.

The program provides a two-year, rotational position at the American Institutes for Research (AIR) in Washington, DC. Fellows will receive mentoring from a diverse group of highly recognized researchers and practitioners in a variety of substantive areas in education. Fellows will hone their skills in all aspects of the research process from proposal development through writing and presentations. Further, they will gain practical experience in how to secure funding for education research and technical assistance projects and will expand their professional contacts in order to prepare them for productive research careers in a range of employment contexts.

For further information: <http://www.aera.net/fellowships/?id=698>

Research Grants Program

American Educational Research Association (AERA)

Deadline: January 6, 2010

With support from the National Science Foundation (NSF), the AERA Grants Program announces its Research Grants competition. The program seeks to stimulate research on U.S. education issues using data from the large-scale, national and international data sets supported by the National Center for Education Statistics (NCES), NSF, and other federal agencies, and to increase the number of education researchers using these data sets. The program supports research projects that are quantitative in nature, include the analysis of existing data from NCES, NSF or other federal agencies, and have U.S. education policy relevance. AERA invites education-related dissertation proposals using NCES, NSF, and other federal data bases. Research Grants are available for faculty at institutions of higher education, postdoctoral researchers, and other doctoral-level researchers. Applications are encouraged from a variety of disciplines, such as but not limited to, education, sociology, economics, psychology,

demography, statistics, and psychometrics.

The Governing Board for the AERA Grants Program has established the following four strands of emphasis for proposals. Applicants are encouraged to submit proposals that

- develop or benefit from new quantitative measures or methodological approaches for addressing education issues;
- include interdisciplinary teams with subject matter expertise, especially when studying science, technology, engineering, and mathematics (STEM) learning;
- analyze TIMSS, PISA, or other international data resources;
- include the integration and analysis of more than one data set.

Research projects related to at least one of the strands above and to science and/or mathematics education are especially encouraged. Other topics of interest include policies and practices related to student achievement in STEM, contextual factors in education, educational participation and persistence (kindergarten through graduate school), early childhood education, and postsecondary education. The research project must include the analysis of data from at least one of the large-scale, nationally or internationally representative data sets supported by NCES, NSF, or other federal agency, such as the U.S. Department of Labor, the U.S. Census Bureau, and the National Institutes of Health. Additional data sets may be used in conjunction with the obligatory federal data set. If international data sets are used, the study must include U.S. education.

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

Discovery Research K-12 (DR K-12) - NSF 09-602

National Science Foundation (NSF)

Deadline: January 7, 2010

The DR K-12 program seeks to enable significant advances in preK-12 student and teacher learning of the STEM disciplines through development, study, and implementation of resources, models, and technologies for use by students, teachers, and policymakers. Projects funded under this solicitation begin with a research question or a hypothesis about how to improve preK-12 STEM learning and teaching. Projects create or adapt and study innovative resources, models, or technologies and determine how and why implementation affects STEM learning.

DR K-12 invites proposals that meet a variety of educational needs, from those that address immediate and pressing challenges facing preK-12 STEM education to those that anticipate opportunities for the future. DR K-12 especially encourages proposals that challenge existing assumptions about learning and teaching within or across STEM fields, envision needs of learners in 10 to 15 years, and consider new and innovative ways to educate students and teachers. Project goals, designs, and working strategies should be informed by prior research and practical experience drawn from all relevant disciplines, while focusing on concepts and skills that are central to STEM education.

The DR K-12 program is primarily concerned with improving education of students and teachers

in formal settings. As appropriate, the program encourages projects also to draw from knowledge and practice of learning in informal settings. While many projects supported under this solicitation will focus on exploratory development and testing of innovative ideas for some specific facet of STEM education, all proposals must explain how the work can lead ultimately to successful adoption of findings or products in the K-12 enterprise on a national scale.

The DR K-12 program accepts proposals for exploratory projects, full research and development projects, and synthesis projects, as well as for conferences and workshops related to the mission of the program.

For further information: <http://www.nsf.gov/pubs/2009/nsf09602/nsf09602.htm>

ENGINEERING & COMPUTER SCIENCE

See also opportunities listed under MULTIPLE DISCIPLINES

Information and Intelligent Systems (IIS): Core Programs - NSF 09-557

National Science Foundation (NSF); Directorate for Computer and Information Science and Engineering (CISE); Division of Information and Intelligent Systems (IIS)

Deadline: Large Projects: November 28, 2009

For Small Projects: December 17, 2009

IIS supports research and education projects that develop new knowledge in three core programs: the Human-Centered Computing program; the Information Integration and Informatics program; and the Robust Intelligence program. IIS is also responsible for managing the review process for proposals in computer graphics and visualization; these proposals may be submitted to any of the three core programs described above. Proposals submitted to this solicitation must be consistent with one of three project classes defined below. Proposals will be considered for funding within their project classes.

1. Medium Projects are well-suited to one or more investigators (PI, co-PI and/or other Senior Personnel) and several students and/or postdocs.

2. Large Projects are well-suited to two or more investigators (PI, co-PI(s), or other Senior Personnel), and a team of students and/or postdocs.

For both Medium Projects and Large Projects, project descriptions must be comprehensive and well-integrated, and should make a convincing case that the collaborative contributions of the project team will be greater than the sum of each of their individual contributions. Rationale must be provided to explain why a budget of this size is required to carry out the proposed work. Since the success of collaborative research efforts are known to depend on thoughtful coordination mechanisms that regularly bring together the various participants of the project, a Collaboration Plan is required for all Medium proposals with more than one investigator and for all Large proposals. The length of and level of detail provided in the Collaboration Plan should be commensurate with the complexity of the proposed project.

The submission of far-reaching, creative research and education projects is encouraged. Funds will be used to support potentially transformative research with high-impact potential. In this way, CISE will catalyze exciting new research activities with the potential to make significant advances in the state-of-the-art.

Interdisciplinary, international, and/or academic-industry collaborations that promise to result in major science or engineering advances are welcome.

Proposals submitted should demonstrate that enriching learning experiences will be provided for a diverse population of students, and may describe the development of innovative curricula or educational materials that advance literacy about and expertise in areas supported by CISE.

Proposals that extend beyond the scope of one CISE core program are welcome. In such cases, PIs should identify the most relevant program(s) in the proposal submission process. CISE Program Officers will work with their NSF colleagues to ensure that these proposals are appropriately co-reviewed and considered for funding.

For further information: <http://www.nsf.gov/pubs/2009/nsf09557/nsf09557.htm>

Circuit Analysis Tools (CAT) - BAA-09-09

Office of the Director of National Intelligence; Intelligence Advanced Research Projects Activity (IARPA); Safe and Secure Operations Office

Deadline: December 11, 2009

The Intelligence Advanced Research Projects Activity (IARPA), is soliciting proposals to develop tools for integrated circuit analysis at future technology nodes, specifically the 22 nm node and beyond. This includes analysis tools capable of working with advanced packages including but not limited to stacked die. These tools and techniques will address circuit edit, fault isolation, logic analysis and imaging challenges for which there are currently no solutions.

For further information:

https://www.fbo.gov/index?s=opportunity&mode=form&id=48a747e2e1a32c522fba2d2d5aa39860&tab=core&_cvview=0

National Hypersonic Science Centers (NHSC) - AFOSR-BAA-2008-7

United States Department of Defense (DOD)

Deadline: December 12, 2009

This jointly-funded NASA/AFOSR program supports basic science or engineering research that is of critical importance to the development of the national expert knowledge base in sciences associated with the hypersonic flight regime. The program is focused on critical research areas in air-breathing propulsion, high-temperature materials and structures and fluid mechanics identified in the National Hypersonic Foundational Research Plan. This competition is for the three research topics listed below:

1. Hypersonic Air-Breathing Propulsion: The objective is to study the unique challenges of high-speed, air-breathing propulsion, including the impact of compressibility on combustion, mode transitioning, the impact of materials on thermal management, and propulsion-airframe integration.
2. Hypersonic Materials and Structures: The objective is to develop the fundamental scientific foundation that will accelerate the discovery and optimization of materials and structures in order to address the unique challenges of hypersonic flight.
3. Hypersonic Laminar-Turbulent Transition: The proposed research effort will develop the basic knowledge building blocks required for the eventual development of both an estimation capability for the onset of laminar-turbulent transition on hypersonic systems, and methods for control of the transition process.

For further information:

<http://www.grants.gov/search/search.do;jsessionid=LvhD7DxQ2h6XnL2k29QQSjyJIFG5GHB7b8Z8rwh36V2mmxMCLMvy!-1866462326?oppId=42879&flag2006=false&mode=VIEW>

FINE ARTS

Governor's Arts Awards

Kansas Arts Commission

Deadline for Nomination: October 15, 2009

The Governor of Kansas and the Kansas Arts Commission annually honor artists, organizations, businesses, communities and arts supporters who have made outstanding arts and cultural contributions to Kansas and the nation. Awardees are nominated by members of the public, selected by a panel and honored at a dinner and ceremony in spring 2010.

The Governor's Arts Awards recognize outstanding contributions to the arts and culture in Kansas by citizens, organizations, businesses and communities. In 2010, awards will be given in six categories. Nominations are accepted from Kansas individuals or organizations – self-nominations are not accepted – and may be submitted with or without the knowledge of the nominee.

Nominations will be considered by a selection panel who score and rank nominations according to criteria.

Objectives:

1. To honor those who make substantial and outstanding contributions to the arts and culture in Kansas.
2. To elevate the public profile of the arts in the state of Kansas.
3. To encourage others to achieve and sustain high standards of excellence in artistic achievement and support.

For further information: <http://arts.ks.gov/gaa/guidelines/index.shtml>

Stipend Program

Georgia O'Keeffe Museum Research Center

Deadline: November 30, 2009

The Georgia O'Keeffe Museum Research Center, a component of the Georgia O'Keeffe Museum, Santa Fe, New Mexico, sponsors research in American Modernism (1890-present) by awarding scholarships to historians in the fields of art, architecture and design, literature, music, and photography, and to museum professionals who wish to organize an exhibition at the Georgia O'Keeffe Museum. The Research Center's program of lectures, symposia (on-site and virtual), colloquia, conferences, informal discussions, and publications complement the exhibitions, performances, and lectures sponsored by the Georgia O'Keeffe Museum. Scholars can participate in these programs as well as in the rich cultural milieu of the city and its institutions.

For further information: <http://www.okeeffemuseum.org/the-research-center/stipend-information.aspx>

Grants for Artists and Arts-Related Organizations

Celebration Foundation

Deadline: December 1, 2009; June 1, 2010

The foundation is a young, small, private, charitable foundation created to provide small grants to artists and arts-related organizations who need financial assistance in achieving their goals and dreams. Founded in the year 2000, the foundation looks for highly motivated artists who are working with projects to further their artistic development and accomplishments in their given field of creative endeavor. Recipients are chosen on the basis of integrity and performance and on the extensive written application for the grant.

For further information: <http://celebrationfoundation.net/index.html>

HUMANITIES

See also opportunities listed under MULTIPLE DISCIPLINES

Hodder Fellowship

Princeton University; Council of the Humanities

Deadline: November 1, 2009

The fellowship was created for artists in the early stages of their careers. In keeping with the bequest of Mary MacKall Gwinn Hodder, it is awarded to individuals during that crucial period when they have demonstrated exceptional promise but have not yet received widespread recognition. Typically, Hodder Fellows are poets, playwrights, novelists, creative nonfiction writers and translators who have published one highly acclaimed book and are undertaking

significant new work that might not be possible without the "studious leisure" afforded by this fellowship. Hodder Fellows spend an academic year at Princeton pursuing independent projects.

For further information: http://www.princeton.edu/arts/lewis_center/society_of_fellows/

Henry Luce Foundation/ACLS Dissertation Fellowships in American Art

American Council of Learned Societies (ACLS)

Deadline: November 11, 2009

The fellowships are designated for graduate students in any stage of Ph.D. dissertation research or writing. The dissertation must focus on a topic in the history of the visual arts of the United States. Although the topic may be historically and/or theoretically grounded, attention to the art object and/or image should be foremost. Projects must be object-oriented and use art-historical or visual studies approaches; proposals whose emphases are predominantly socio-historical will not be considered. The grants may be carried out in residence at the fellow's home institution, abroad, or at another appropriate site for the research.

For further information: <http://www.acls.org/grants/Default.aspx?id=516>

WARA Pre-Doctoral Fellowships

West African Research Center (WARC) - West African Research Center

Deadline: December 1, 2009

Applications are invited from graduate students for the WARA Pre-Doctoral Fellowship Competition 2008-2009, for research in West Africa. Awardees will conduct research for a two to three month period in order to prepare a doctoral research proposal; or carry out research related to the completion of another terminal degree program (e.g., MFA or MPH). This competition is open to U.S. citizens who are currently enrolled in graduate programs at institutions of higher education in the United States. Priority will be given to applicants who are at the pre-dissertation stage (that is, who will be returning to their institution to complete course work, exams, etc.) before beginning their fieldwork.

For further information: http://www.bu.edu/africa/wara/fund_predoc.htm

Independent Research on Venetian History and Culture - Postdoctoral Grants

Gladys Kriebel Delmas Foundation; Venetian Research Program

Deadline: December 15, 2009

The foundation announces its program of postdoctoral grants for travel to and residence in Venice and the Veneto. Grants will be awarded for historical research specifically on Venice and the former Venetian empire, and for study of contemporary Venetian society and culture. Disciplines of the humanities and social sciences are eligible areas of study, including:

archaeology, architecture, art, bibliography, economics, history, history of science, law, literature, music, political science, religion, and theater

For further information: http://www.delmas.org/guidelines/v_ir_a.html

INTERNATIONAL AREA STUDIES

See also opportunities listed under HUMANITIES and MULTIPLE DISCIPLINES

National Endowment for the Humanities Fellowships for Research in Turkey

The American Research Institute in Turkey (ARIT)

Deadline: November 1, 2009

The American Research Institute in Turkey takes pleasure in inviting application for two or three advanced fellowships made possible by support from the national Endowment for the humanities. The fields of study cover all periods of history in the general range of the humanities and include humanistically oriented aspects of all the social science, prehistory, history, art, archeology, literature, and linguistics as well as interdisciplinary aspects of cultural history.

For further information: <http://ccat.sas.upenn.edu/ARIT/NEHFellowships.html>

2010 International Dissertation Research Fellowship (IDRF) Competition

Social Science Research Council

Deadline: November 3, 2009 (9:00 p.m. EST)

The IDRF Program supports the next generation of scholars in the humanities and social sciences pursuing research that advances knowledge about non-U.S. cultures and societies. IDRF accepts applications for research that is situated in a specific discipline and geographical region and is informed by interdisciplinary and cross-regional perspectives, as well as research on multiple countries and/or multiple world regions. While proposals may cover all periods in history, they must demonstrate relevance to contemporary issues and debates.

The program is open to graduate students in the humanities and social sciences - regardless of citizenship - enrolled in doctoral programs in the United States. Applicants must complete all Ph.D. requirements except on-site research by the time the fellowship begins. Proposals that identify the U.S. as a case for comparative inquiry are welcome; however, proposals which focus predominantly or exclusively on the United States are not eligible.

The IDRF program provides support for nine to twelve months of continuous dissertation research outside of the United States. Seventy-five fellowships are awarded annually. Fellowship amounts vary depending on the research plan, with a per-fellowship average of \$18,750. The fellowship includes participation in an interdisciplinary workshop upon the completion of IDRF-funded research.

For further information: <http://www.ssrc.org/fellowships/idrf-fellowship/>

JSPS Fellowship Program

Social Science Research Council (SSRC) – USA Japan Program

Deadline: December 1, 2009

The Japan Society for the Promotion of Science (JSPS) Fellowship Program for U.S. researchers provides promising and highly qualified recent Ph.D. recipients (and ABDs) with opportunities to conduct research in Japan. JSPS guidelines target the applicant who wishes to conduct cooperative research under the leadership of a host researcher, thereby advancing the fellow's own research and at the same time stimulating Japanese academic circles through close collaboration with young Japanese researchers.

For further information: <http://fellowships.ssrc.org/japan/postdoc/>

East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI) NSF 08-603

National Science Foundation (NSF)

Deadline: December 8, 2009

EAPSI provides U.S. graduate students in science and engineering (1) first-hand research experiences in Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan; (2) an introduction to the science, science policy, and scientific infrastructure of the respective location; and (3) an orientation to the society, culture and language. The primary goals of EAPSI are to introduce students to East Asia and Pacific science and engineering in the context of a research setting, and to help students initiate scientific relationships that will better enable future collaboration with foreign counterparts.

Support of international activities is an integral part of the NSF mission to sustain and strengthen the nation's science, mathematics, and engineering capabilities, and to promote the use of those capabilities in service to society. In particular, NSF recognizes the importance of enabling U.S. researchers and educators to advance their work through international collaborations, and of helping ensure that future generations of U.S. scientists and engineers gain professional experience beyond this nation's borders early in their careers. The East Asia and Pacific Summer Institutes are administered in the United States by the National Science Foundation. In East Asia and the Pacific, the Summer Institutes are co-sponsored by

- Australian Academy of Science;
- Chinese Ministry of Science and Technology, Chinese Academy of Sciences, and National Natural Science Foundation of China;
- Japan Society for the Promotion of Science;
- Korea Science and Engineering Foundation;
- Royal Society of New Zealand;
- National Research Foundation of Singapore; and
- National Science Council of Taiwan.

For further information: <http://www.nsf.gov/pubs/2008/nsf08603/nsf08603.htm>

Grants Program for U.S. Citizens

American Institute for Maghrib Studies (AIMS)

Deadline: December 31, 2009

The AIMS announces its annual Grants Program for the academic year beginning in May 2009. The program offers grants to U.S. scholars interested in conducting research on North Africa in any Maghrib country, specifically Morocco, Tunisia, Algeria, Libya, or Mauritania. AIMS sponsors three Overseas Research Centers in the region and all AIMS grants are categorized by where research will be conducted. AIMS does not fund research outside the Maghrib.

1. TALM Research Grants: The Tangier American Legation Museum is the AIMS Overseas Research Center in Morocco and welcomes proposals for research conducted anywhere in Morocco.
2. CEMAT Research Grants: Centre d'Etudes Maghrébines à Tunis, the AIMS Research Center in Tunis, welcomes applications for research anywhere in Tunisia.
3. CEMA Research Grants: To encourage research in Algeria, the AIMS newly established Overseas Research Center in Oran, Centre d'Etudes Maghrébines en Algérie, welcomes applicants for research anywhere in Algeria.
4. AIMS Multi-country Research Grants are available for scholars interested in conducting research in Libya or Mauritania or conducting multi-country research in any combination of North African countries. Applicants who plan multi-country research with countries outside the Maghrib should consider applying for a CAORC multi-country grant, but if their multi-country research is only in North Africa, then they should apply for an AIMS grant (not a CAORC grant). AIMS does not fund research outside North Africa, and CAORC considers the North African region under the aegis of AIMS, so is not multicenter research.

These awards are made possible through grants from the U.S. Department of State.

Graduate students currently enrolled in an M.A. or Ph.D. program, independent scholars, and faculty in all disciplines are eligible to apply. All applicants must be U.S. citizens and members of AIMS at the time of application.

For further information: http://aimsnorthafrica.org/fellowships/lstuscitz_grants.cfm?menu=2

MEDICINE & LIFE SCIENCES

See also opportunities listed under MULTIPLE DISCIPLINES

Applied Research and Advanced Technology Development Award

Department of Defense Congressionally Directed Medical Research Programs (CDMRP)

Deadline: Required Pre-Application: September 25, 2009

Invited Application: December 18, 2009

The Assistant Secretary of Defense for Health Affairs, Defense Health Program Medical Research and Development Office is soliciting proposals for the Defense Medical Research and Development Program (DMRDP) Applied Research and Advanced Technology Development Awards to be funded beginning in fiscal year 2010 (FY10). The goal of the DMRDP is to advance the state of medical science in those areas of most pressing need and relevance to today's battlefield experience, for example in the areas of psychological health and traumatic brain injury (TBI) and to the capability needs of the Joint Force Health Protection (JFHP) Concept of Operations (CONOPS), as delineated in the tasks described in this Program Announcement/Funding Opportunity. The objectives of the DMRDP are to discover and explore innovative approaches to protect, support, and advance the health and welfare of military personnel, families, and communities; to accelerate the transition of medical technologies into deployed products; and to accelerate the translation of advances in knowledge into new standards of care for injury prevention, treatment of casualties, rehabilitation, and training systems that can be applied in theater or in the clinical facilities of the Military Health System (MHS).

FY10 DMRDP Projects:

- Diagnosis and Treatment of Brain Injury
- Polytrauma and Blast Injury
- Operational Health and Performance
- Rehabilitation
- Psychological Health and Well-Being for Military Personnel and Families

For further information:

<http://www.grants.gov/search/announce.do?jsessionid=3321K3HfTH2n8YPG1dvKJZTwQQ6h1YPpYphCnwhP20zy3zZchY2s!1685747439>

Pancreatic Cancer Action Network-AACR Innovative Grants

American Association for Cancer Research (AACR)

Deadline: Letter of Intent: October 5, 2009 at 12:00 noon, Eastern Time

Invited Full Proposal: November 30, 2009

The Pancreatic Cancer Action Network-AACR Innovative Grants represent a joint effort to promote and support **innovative** pancreatic cancer research. These grants are available to junior and senior investigators to develop and study new ideas and approaches that have direct application and relevance to pancreatic cancer. The research proposed for funding may be basic, translational, clinical or epidemiological in nature.

Applications are invited from researchers already involved in the field of pancreatic cancer research as well as from investigators with experience in other areas of cancer research who have promising ideas or research approaches that can be applied to pancreatic cancer.

These two-year grants will provide \$200,000 over the grant term (\$100,000 per year). Grant funds support direct research expenses, which may include salary and benefits of postdoctoral/clinical research fellows and/or research assistants, research/laboratory supplies and equipment. The grant is not intended to replace or supplement the salary of the grant recipient.

The Pancreatic Cancer Action Network-AACR Innovative Grants were formerly known as the Pancreatic Cancer Action Network-AACR Pilot Grants and have been renamed to emphasize the focus on funding new, creative, and cutting-edge ideas and approaches.

For further information: www.aacr.org/page17680.aspx

Pancreatic Cancer Action Network-Pathway to Leadership and Pancreatic Cancer Action Network-Fellowship

American Association for Cancer Research (AACR)

Deadline: October 28, 2009 at 12:00 noon, Eastern Time

The American Association for Cancer Research (AACR) has over \$2 million of Pancreatic Cancer Research funding available.

Pancreatic Cancer Action Network-AACR Pathway to Leadership

AACR Pathway to Leadership Grant represents a joint effort to ensure the future leadership of pancreatic cancer research by supporting outstanding early career investigators beginning in their postdoctoral research positions and continuing through their successful transition to independence. Applicants must be Postdoctoral or Clinical Research Fellows who completed all doctoral degree requirements no more than five years prior to the start of the grant term (i.e., they must have started their fellowship on or after July 2, 2005) and not already have a full-time tenure track assistant professor position (or equivalent). The Pathway to Leadership Grant will provide up to five years of support, for a total of \$600,000, consisting of two phases. The initial Mentored Phase lasts up to two years, during which time recipients will receive \$75,000 per year and are expected to work closely with mentors to develop their research. During the subsequent three years, recipients are expected to be in independent research positions and will be funded at \$150,000 per year.

Mentored Phase: This initial phase of mentored support will allow the candidate time to complete research, publish results, and prepare to bridge to an independent research position. As part of the application, the candidate must propose a research project and career development plan to pursue during the mentored phase. Funds will support the grantee's salary and research expenses for up to two years during their postdoctoral or clinical research fellowship. The candidate and mentor together will be responsible for all aspects of the mentored research and career development program. An individual may submit an application from a sponsoring institution/organization that has a research program in pancreatic cancer research as well as the

faculty, facilities, and resources to support the proposed research endeavor. The individual must select an appropriate mentor with a track record of funded research related to pancreatic cancer research and experience as a supervisor and mentor. The sponsoring institution must ensure that the candidate has the protected time needed to conduct the proposed research. It is expected that the recipient will dedicate at least 75% time to completing the work included in the proposal.

Independent Phase: As part of the application, the candidate must propose a pancreatic cancer research project that will be pursued as an independent investigator during the second phase of the grant. Candidates may request \$150,000 of support per year, for up to three years following the mentored phase, to transition as an independent scientist to the sponsoring institution/ organization to which the individual has been recruited. This support will allow the individual to continue to work toward establishing his/her own independent research program in pancreatic cancer research and progress along the path to leadership within this critical field. Support for the independent phase, however, is not automatic and is contingent upon several factors, including being accepted by an institution and the successful scientific review of the individual's mentored phase of the grant. Grant recipients are expected to apply for additional independent research grant support during the independent phase of the award.

Pancreatic Cancer Action Network-AACR Fellowship

The Pancreatic Cancer Action Network-AACR Fellowship represents a joint effort to attract young scientists to careers in pancreatic cancer research. The Fellowship is open to Postdoctoral Fellows and Clinical Research Fellows working at an academic, medical, or research institution who will be in the 1st, 2nd, or 3rd year of their postdoctoral training at the start of the grant term on July 1, 2010. The Fellowship provides a one-year grant of \$45,000 to support the salary and benefits of the Fellow while working on a mentored pancreatic cancer research project. A partial amount of funds, up to 25% of the total grant, may be designated for direct research support. The research proposed for funding may be basic, translational, clinical or epidemiological in nature and must have direct application and relevance to pancreatic cancer.

For further information: www.aacr.org/page17688.aspx

Clinical Fellow Research Award, Lung Cancer Promising Clinician Research Award, and Collaborative Translational Research Award

Congressionally Directed Medical Research Programs (CDMRP); Lung Cancer Research Program (LCRP)

Deadline: Pre-Application: November 19, 2009

Proposal: December 3, 2009

The FY09 LCRP CFRA ONLY accepts applications that address at least one of the seven Areas of Emphasis listed below:

- Identification or development of non-invasive or minimally invasive tools to improve the detection of the initial stages of lung cancer
- Identification and development of tools for screening or early detection of lung cancer. Screening may include, but is not limited to, computed tomography scans, X-rays, other imaging, biomarkers, genetics/genomics/proteomics, and assessment of risk factors

- Understanding the molecular mechanisms that lead to clinically significant lung cancer
- Identification of the mechanisms that lead to the development of the various types of lung cancer
- Identification of innovative strategies for prevention and treatment of early lung cancer
- Understanding predictive and prognostic markers to identify responders and non-responders
- Understanding acquired resistance to treatment

The DOD LCRP strongly encourages submissions from, and partnerships with, investigators at Military Treatment Facilities, Military Research Institutions, and the Department of Veterans Affairs (VA) Medical Centers and research laboratories.

Clinical Fellow Research Award

The LCRP Clinical Fellow Research Award (CFRA) supports a research project performed by a clinical fellow under the guidance of a designated mentor having an established lung cancer research program. This award is intended to prepare fellows with clinical duties and/or responsibilities for a career in lung cancer research. The Principal Investigator (PI) must be in either an accredited medical residency or medical fellowship program. Funds from this award are intended to provide aggressive protection, of at least 40%, of the clinical fellow's time for research. The clinical fellow must demonstrate a strong commitment to a career in lung cancer research and clinical practice. The inclusion of preliminary data relevant to lung cancer and the proposed project is encouraged, but not required. Any preliminary data presented should be from the laboratory of the PI, the designated mentor, or any of the named collaborators. Clinical trials are not allowed under this mechanism

Lung Cancer Promising Clinician Research Award

The Lung Cancer Promising Clinician Research Award (LCPCRA) supports a research project performed by promising physician-researchers. This award is intended to prepare physicians with clinical duties and/or responsibilities for an independent and active career in lung cancer research. Previous experience in lung cancer research is allowed, but not required. However, Principal Investigators (PIs) with a limited background in lung cancer research are strongly encouraged to have a collaborator(s) who is experienced in the lung cancer field. To be eligible for this award, PIs must be in his/her first faculty appointment (either non-tenure or tenured track). PIs must demonstrate a commitment to a career in lung cancer research and clinical practice. As such, the PI is expected to commit 40% of his/her time for research.

Collaborative Translational Research Award

The LCRP Collaborative Translational Research Award (CTRA) supports partnerships between clinicians and laboratory scientists at multiple institutions to conduct translational research in lung cancer.

The purpose of the CTRA is to support multi-institutional, multi-disciplinary collaborations among clinicians and laboratory scientists that will accelerate the movement of promising ideas in lung cancer into clinical applications.

For further information: <http://cdmrp.army.mil/funding/lcrp.htm>

Career Development Award

Department of Defense Congressionally Directed Medical Research Programs (CDMRP);
Peer Reviewed Orthopaedic Research Program (PRORP)

Deadline: Pre-Application: November 20, 2009

Proposal: December 9, 2009

The Peer Reviewed Orthopaedic Research Program (PRORP) was established in Fiscal Year 2009 (FY09) to address the leading burden of injury and loss of fitness for military duty by funding innovative, high-impact, clinically relevant research to advance treatment and rapid rehabilitation from musculoskeletal injuries sustained during combat or combat-related activities. The FY09 PRORP challenges the scientific community to design innovative research that will foster new directions for and address neglected issues in the field of medical research focused on combat-relevant orthopaedic problems. Though the program emphasizes funding groundbreaking research, all projects must demonstrate appropriate judgment and sound rationale. The program highly encourages the submission of applications involving multidisciplinary collaborations among academia, industry, the military services, the Department of Veterans Affairs (VA), and other Federal Government agencies.

The FY09 PRORP priority research areas relevant to musculoskeletal injury are provided below. This award mechanism seeks applications from all areas of basic, preclinical, translational, and clinical research (excluding clinical trials) as they relate to *any* of the PRORP-identified priority research areas listed below.

The FY09 PRORP priority research areas are:

- Acute Care of Battle Injuries
- Prevention of complications
- Development of in vivo translational models for the acute injury environment
- Treatment of orthopaedic injuries (and sequelae) of the spine not related to spinal cord injury (e.g., spinal fractures, acute herniated disks, infection of the spinal column, acute instabilities)
- Restoration of Function
- Acceleration of healing
- Rehabilitation
- Prosthetics and Orthotics
- Solution of critical issues in osseointegration

For further information: <http://cdmrp.army.mil/funding/prorp.htm>

2010 ADDF/ LBDA Lewy Body Dementia Biomarker Research Award

The Alzheimer's Drug Discovery Foundation (ADDF) and The Lewy Body Dementia Association (LBDA)

Deadline: December 1, 2009

The Alzheimer's Drug Discovery Foundation (ADDF) and The Lewy Body Dementia Association (LBDA) are issuing a Request for Proposals for the 2010 ADDF/LBDA Lewy Body Dementia Biomarker Research Award. This award will provide \$100,000 for one year of support to catalyze a research project focused on developing innovative biomarkers that aid in early

diagnosis, detection and disease monitoring of Lewy Body Dementia. Applications may be submitted by non-profit academic institutions and for-profit biotechnology companies, both public and private, worldwide.

For further information: <http://www.alzdiscovery.org/index.php/research-programs/grant-opportunities>

Grants Program in Eating Disorders Research

Klarman Family Foundation

Deadline: December 8, 2009

The Klarman Family Foundation is interested in providing strategic investment in translational research that will accelerate progress in developing effective treatments for anorexia nervosa, bulimia nervosa and binge eating disorder. The Program's short-term goal is to support the most outstanding science and expand the pool of scientists whose research explores the basic biology of eating disorders. The long-term goal is to improve the lives of patients suffering from these conditions.

Examples of funding areas include but are not limited to molecular genetic analysis of relevant neural circuit assembly and function; animal models created by genetically altering neural circuits; testing of new chemical entities that might be used in animal models as exploratory treatments; and brain imaging approaches that identify neurochemical pathways in patients with these disorders. Investigators conducting research in the neuro-circuitry of fear conditioning or reward behavior may also apply but must justify the relevance of their research projects to the basic biology of eating disorders. Clinical psychotherapeutic studies, medication trials and research in the medical complications of these disorders are outside the scope of this Program.

For further information: <http://www.hria.org/tmfservices/tmfgrants/klarman.html>

PHYSICAL SCIENCES & MATHEMATICS

See also opportunities listed under MULTIPLE DISCIPLINES

2009 Award for Outstanding Doctoral Thesis Research in Biological Physics

American Physical Society; Division of Biological Physics

Deadline: October 5, 2009

Biological Physics is one of the most rapidly growing, exciting and interdisciplinary branches of contemporary physics. To encourage the healthy development of this field, the Division of Biological Physics has established an annual award for Outstanding Doctoral Thesis Research in any area of experimental, computational, engineering, or theoretical Biological Physics. The award consists of \$1,500, a certificate citing the contribution made by the Awardee, and a travel allowance and fee waiver to attend the subsequent March meeting and to present an invited talk.

For further information: <http://www.aps.org/programs/honors/dissertation/biological.cfm>

Science Scholarship and Fellowships
UNCF/Merck Science Initiative (UMSI)
Deadline: December 1, 2009

The UNCF/Merck Science Initiative (UMSI) provides undergraduate, graduate and post-doctoral support to outstanding African-American students who are pursuing studies and research careers in biological and chemical sciences.

Every year, scholarships are awarded through a national competition. Awards offer excellent advantages that get you ahead in your academic life and career:

- Funds that cover tuition, fees, and room and board and more. Up to \$25,000 for undergrads, \$52,000 for grad students, and \$85,000 for postdoctoral researchers.
- Summer internships at one of four Merck research facilities with stipends totaling \$10,000 (for undergraduates only).
- Close mentoring relationships with Merck scientists.
- Membership in the Association of UNCF/Merck Fellows.

For further information:

<http://www.uncf.org/portal/Default.aspx?tabid=115&returnurl=%2fportal%2fDefault.aspx%3fallias%3dwww.uncf.org%2fportal%2fseimerck>

AMS Centennial Research Fellowship Program
American Mathematical Society (AMS)
Deadline: December 1, 2009

This program makes awards annually to outstanding mathematicians to help further their careers in research. Work in all areas of mathematics, including interdisciplinary work, is eligible. The primary selection criterion for the Centennial Fellowship is the excellence of the candidate's research. Applications should include a cogent plan indicating how the fellowship will be used. The plan should include travel to at least one other institution and should demonstrate that the fellowship will be used for more than reduction of teaching at the candidate's home institution. The selection committee will consider the plan in addition to the quality of the candidate's research, and will try to award the fellowship to those for whom the award would make a real difference in the development of their research careers.

For further information: <http://www.ams.org/employment/centflyer.html>

2010 Academic Year EPA Greater Research Opportunities (GRO) Fellowships for Undergraduate Environmental Study Grant

Environmental Protection Agency

Deadline: December 10, 2009

The GRO Undergraduate Fellowship program is part of the national effort to help ensure that the United States meets its current and projected human resource needs in the environmental science, engineering, and policy fields (Jackson 2002). The goals of the program are to bolster the environmental generation of tomorrow, bridge to diverse communities, and boost excellent research and development that advance the protection of human health and the environment through education. The program focuses its efforts at stimulating and supporting interest in environmentally related research and development at institutions of higher education that receive limited federal funding, including in particular institutions with substantial minority enrollment (Environmental Career Organizations 2001). By enhancing and supporting quality environmental education for undergraduate students, the GRO Undergraduate Fellowship thereby encourages promising students to pursue careers in environmentally related fields and to continue their education beyond the baccalaureate level. This goal is consistent with the mission of EPA, which is to provide leadership in the nation's environmental science, research, education, assessment, restoration, preservation, and pollution prevention efforts. The GRO Fellowship program has benefited both public and private sectors by consistently providing the nation with well-trained environmental specialists to meet society's environmental challenges. GRO supported fellows have provided new environmental research in the physical, biological, health, and social sciences as well as in engineering.

This RFA solicits applications from students performing investigation in a variety of environmentally related research topics:

- Natural and Life Sciences (e.g., Biology; Ecology; Microbiology; Molecular)
- Environmental Science and Interdisciplinary (e.g., Biotechnology; Urban and Land Use Planning)
- Engineering (e.g., Environmental Engineering; Green Building Engineering)
- Social Sciences and Decision Making (e.g., Economics; Political Science; International Environmental Studies)
- Physical Sciences (e.g., Atmospheric Sciences; Chemistry; Geology; Earth Sciences; Geography; Soil Science; Biogeochemistry)
- Mathematics and Computer Science (e.g., Applied Mathematics; Statistics; Database Management; Bioinformatics; Environmental Information Science)

By providing financial support across disciplines, EPA expects to continue to assist in increasing the nation's environmental workforce and ability to produce leading edge research, and in advancing the nation's research and development enterprise (The National Science & Technology Council 2004).

For further information:

http://epa.gov/ncer/rfa/2010/2010_gro_undergrad.html

Computational Mathematics

National Science Foundation (NSF)

Deadline: December 15, 2009

This program supports mathematical research in areas of science where computing plays a central and essential role, emphasizing algorithms design, numerical methods and their analysis, and symbolic methods. The prominence of computation in the research is a hallmark of the program. Proposals ranging from single-investigator projects that develop and analyze innovative computational methods to interdisciplinary team projects that not only create new mathematical and computational techniques but use them to model, study, and solve important application problems are encouraged.

For further information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5390

Tectonics - NSF 09-542

National Science Foundation (NSF)

Deadline: January 6, 2010

The Tectonics Program supports a broad range of field, laboratory, computational, and theoretical investigations aimed at understanding the formation, evolution, and deformation of continental lithosphere through time. Proposals to elucidate the processes that act on the lithosphere at various time-scales and length-scales, either at depth or the surface, are encouraged. Because understanding such large-scale phenomena commonly requires a variety of expertise and methods, the Tectonics Program supports integrated research involving the disciplines of structural geology, petrology, geochronology, sedimentology, stratigraphy, geomorphology, rock mechanics, paleomagnetism, geodesy, and other geophysical techniques

For further information: <http://www.nsf.gov/pubs/2009/nsf09542/nsf09542.htm>

Petrology and Geochemistry - NSF 09-543

National Science Foundation (NSF)

Deadline: January 6, 2010

The Petrology and Geochemistry Program supports basic research that address the formation and evolution of our planet using petrological and geochemical characteristics of Earth materials in the crust, mantle, and core. Proposals in this program generally address the petrology and high-temperature geochemistry of igneous and metamorphic rocks (including mantle samples), mineral physics, economic geology, and volcanology. Proposals that bridge disciplinary boundaries or that include development of analytical tools for potential use by the broad community are also encouraged.

For further information: <http://www.nsf.gov/pubs/2009/nsf09543/nsf09543.htm>

Tailoring Electronic Bandgap of Nanostructured Graphene - topic #9

United States Department of Defense (DOD)

Deadline: January 9, 2010

The objective of this research topic is to establish a coherent research project that focuses on nanostructured graphene at sub-10nm scale, understand its electronic properties, and seek ways to tailor innovative device functionalities and circuits using these structures. Areas of interest include, but are not limited, to the following tasks:

1. Develop physical understanding that is capable of accurately describing properties and functionalities of arbitrary shaped graphene nanostructures
2. Develop effective experimental tools and techniques to control and engineer bandgap in graphene nanostructures
3. Clarify the role of edges and defects that are affecting the electrical properties of graphene nanostructures and develop means to control or utilize these effects
4. Devise and demonstrate novel devices and circuits that take advantage of the unique properties of graphene with clear advantages over current state of the art

The MURI program supports basic science and engineering research of critical importance to national defense. The program is focused on multidisciplinary research efforts that intersect more than one traditional science and engineering discipline to address issues of critical concern to the DOD.

For further information: http://www.onr.navy.mil/sci_tech/3t/corporate/muri.asp

Emergent Phenomena at Complex Oxide Interfaces - topic #28

United States Department of Defense (DOD)

Deadline: January 9, 2010

The goal of this topic is to lay the groundwork necessary to engineer emergent phenomena at complex oxide interfaces, and develop the potential for external control of the phenomena in ways that can be exploited for novel military capabilities. Specifically, the topic seeks to demonstrate correlated electron phenomena at oxide interfaces that are fundamentally distinct from bulk phenomena, determine the design rules for and demonstrate engineering of these phenomena, and determine how to control the phenomena with external fields.

Areas of interest include, but are not limited to, the following:

1. Theory and modeling of quantum many-body phenomena at oxide interfaces
2. Oxide heteroepitaxy approaching single unit cell control and defect control
3. Interface-specific spectroscopic characterization
4. Understanding, control and characterization of defects and their influence on emergent phenomena at the interfaces

The MURI program supports basic science and engineering research of critical importance to national defense. The program is focused on multidisciplinary research efforts that intersect more

than one traditional science and engineering discipline to address issues of critical concern to the DOD.

For further information: http://www.onr.navy.mil/sci_tech/3t/corporate/muri.asp

Deep Underground Science and Engineering Laboratory (DUSEL S4) Development of Technical Designs for Potential Candidates for the DUSEL Suite of Experiments - NSF 09-500

National Science Foundation (NSF)

Deadline: January 9, 2010

This solicitation (DUSEL Solicitation 4, S4) invites proposals to develop project plans for specific candidate experiments that could be considered for the suite of Deep Underground Science and Engineering Laboratory (DUSEL) experiments. Proposals targeting research in physics will be the primary target for this solicitation. Proposals targeting research in engineering and geosciences may also be submitted, and if positively reviewed will be considered for funding by those directorates, such funding would be separate from the anticipated funding amount identified in this solicitation. The anticipated grant types are Standard Grant, Continuing Grant and Cooperative Agreement.

The particle physics, cosmology/astrophysics and nuclear physics communities have identified the need for a deep underground laboratory infrastructure in order to address some of the most compelling, transformational questions at the frontier of their disciplines. Some of these questions include the following:

- What are the fundamental symmetries and absolute mass of the neutrino? Can these provide a window into the origin and pattern of particle masses that make up our universe?
- What are the fundamental properties and interactions of the three families of neutrinos, e.g., CP violation, mass hierarchy, CKM matrix and mixing angles? What can these and other neutrino studies tell us about the matter/antimatter asymmetry in the universe? Can it reveal new insights into the unification of the fundamental forces that govern physical laws as we now understand them?
- What is the proton lifetime, and does it decay? Is ordinary matter inherently (un)stable?
- What is dark matter?
- What is the spectrum of neutrinos from supernovae and the Big Bang, and what can this tell us about the history and evolution of our universe?

Physicists are on the threshold of advancing and deepening our understanding of nature's basic laws by probing these fundamental questions, which requires a deep underground environment and associated infrastructure. While such an underground infrastructure is envisioned to specifically address forefront physics research, it may also provide cost effective opportunities for other communities to address important new research areas.

For further information:

http://www.nsf.gov/pubs/2009/nsf09500/nsf09500.htm?govDel=USNSF_25

SOCIAL SCIENCES

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

RFP on the Science of Generosity

University of Notre Dame

Deadline: December 1, 2009

The University of Notre Dame invites proposals for the Science of Generosity project. The purpose of this Request for Proposals (RFP) initiative is to stimulate a field of generosity research focused on its genesis, manifestations, and benefits.

Notre Dame will consider inquiries from scholars worldwide that propose to focus research on any one of these aspects of generosity or inquiries that propose to investigate more than one aspect and the linkages between them.

For purposes of this project, "generosity" is defined as the disposition toward and practice of giving good things to others freely and abundantly. Generosity may involve the giving of money, possessions, time, attention, aid, encouragement, emotional investment, and more. As a research topic, generosity is related to but not identical with the areas of charitable financial giving, volunteering, altruism, philanthropy, informal helping, corporate giving, voluntary service, bequests and estates, relational commitment, love, social exchange, and so on.

Scholars and teams of scholars are invited to participate from the fields of economics, sociology, psychology, anthropology, political science, social psychology, family and developmental studies, geography, law, education, communication and cultural studies, religious studies, business, finance, behavioral economics, and sociobiology.

The cumulative knowledge gained from the grant awardees will begin to answer such questions as the following:

- How do people come to believe that generosity is important?
- How are people generous with time, money, and attention?
- How does giving anonymously versus publicly affect generosity?
- What difference does generosity make to the giver, recipient, and to society as a whole?
- What are the costs of a lack of generosity?

For further information: <http://generosityresearch.nd.edu/request-for-proposals>

Congressional Fellowship Program for Political Scientists

American Political Science Association (APSA)

Deadline: December 1, 2009

The purpose of this fellowship is to give early- to mid-career political scientists an opportunity to learn more about Congress and the legislative process through direct participation. A

comprehensive orientation begins each year in November. Office assignments as full-time legislative aides in the House of Representatives and/or Senate run from December to August.

Applicants must meet the following requirements:

1. U.S. citizenship or permanent U.S. residency
2. A PhD completed within the last 15 years or a dissertation near completion (ABD)
3. A scholarly interest in Congress and the policymaking process

For further information: http://www.apsanet.org/content_3540.cfm

International Collaborative Research Grants

Wenner-Gren Foundation for Anthropological Research, Inc.

Deadline: December 1, 2009

The International Collaborative Research Grant (ICRG) supports international research collaborations between two or more qualified scholars, where the principal investigators bring different and complementary perspectives, knowledge, and/or skills to the project. Supplemental funds are also available to provide essential training for academic research participants in ICRG-funded projects (co-applicants, students, as well as other professional colleagues). By encouraging international collaborations, the grant contributes to the development of an international anthropology that values and incorporates different national perspectives and resources. By providing training funds, the grant helps to build capacity in countries where anthropology may be under-resourced.

The grants are for a maximum of \$30,000 for the research project. Proposals which include the optional training element can have an increased funding request up to a maximum of \$35,000, of which no more than \$10,000 can be for essential training purposes. Under special circumstances grants can be renewed to support longer-term research projects. Principal Investigators must hold a doctorate or equivalent in anthropology or a related discipline.

For further information:

http://www.wennergren.org/programs/programs_show.htm?doc_id=368683&attrib_id=13233

MULTIPLE DISCIPLINES

The Role of Healthcare and Insurance in Improving Outcomes in Cancer Prevention, Early Detection and Treatment

American Cancer Society

Deadline: October 15, 2009

The purpose of this call for applications is to stimulate research on the effects of the US healthcare system structure and the role of insurance on access to screenings and treatment. Of particular interest is research using linked databases such as SEER, Medicare payment data, State data and NCHS data; other existing databases. Studies may be at the state, multi-state, or

national levels, or otherwise involve large populations. Respondents should specifically describe how their results would generalize to the broader corresponding U.S. populations.

Significant gaps in knowledge remain on how healthcare costs, healthcare system structure and capacity, socioeconomic factors (including insurance status), personal characteristics (such as race and ethnicity), and delivery of healthcare services affect outcomes related to cancer prevention, early detection, and treatment. Studies investigating how one or more of these factors affect access, and how these mechanisms interact with other factors known to affect access to healthcare services should be considered. The goal is to use new knowledge derived from these studies to inform policy development and enhance outcomes in cancer prevention, early detection and treatment

The American Cancer Society is particularly interested in developing new knowledge specifically about the role played by insurance within the context of other factors, such as costs, capacity and personal characteristics, that affect outcomes in cancer prevention, early detection and treatment. In particular, studies should explore these issues within the uninsured and underinsured populations, Medicaid, and types of private insurance (HMO, PPO, etc.).

Three areas of investigation will receive special consideration:

1. How does the structure and capacity of the healthcare system affect appropriate and timely access to cancer screening, early detection, treatment and palliative care?
2. What provider and system factors affect treatment patterns and quality of cancer care within the current healthcare systems?
3. Explore life course patterns of the entire spectrum of cancer care (from prevention and screening through diagnosis, treatment, survivorship, and supportive/palliative care) by linking diverse data sources for broad patient populations.

For further information:

http://www.cancer.org/docroot/RES/content/RES_5_2x_Request_for_Applications_The_Role_of_Healthcare_and_Insurance_in_Improving_Outcomes.asp?sitearea=RES

Grand Challenges Explorations initiative

Bill and Melinda Gates Foundation

Deadline: November 2, 2009

Grand Challenges Explorations fosters innovation in global health research. The Bill & Melinda Gates Foundation has committed \$100 million to encourage scientists worldwide to expand the pipeline of ideas to fight our greatest health challenges. Launched in 2008, Grand Challenge Explorations grants have already been awarded to more than 180 researchers from 29 countries.

Topics for Round 4 are:

- * Create New Technologies for Contraception
- * Create New Ways to Induce and Measure Mucosal Immunity
- * Create Low-Cost Diagnostics for Priority Global Health Conditions
- * Create New Ways to Protect Against Infectious Disease.

For further information: <http://www.grandchallenges.org/Explorations/Pages/Introduction.aspx>

FY2011 Request for Proposal

Kansas Corn Commission

Deadline: Per-Proposal: November 6, 2009

The Kansas Corn Commission is soliciting research and education Pre-Proposals for FY 2011. An individual may be listed as a principal investigator on only one proposal. Please note that highlighted items are of significant importance and Pre-Proposals identifying highlighted topics are more likely to receive funding. Also note, the Animal/Human Nutrition Studies and Value-Added Projects Sections are identified for "Strong Emphasis" by the Kansas Corn Commission. It is the Commission's hope to receive an increased percentage of Pre-Proposals relating to those sections. Pre-Proposals will be accepted in the following areas:

1. Value-Added Projects: The proposal program should be commercially significant and have the potential **to use large quantities of corn**. Proposals having principal investigators from at least two disciplines plus private entity cooperation are preferred. The research must address at least one of the following topics:
 - a. Opportunities for identity preserved grain marketing/processing technology.
 - b. Product oriented/new uses for corn and by-products including textiles, plastics, adhesives, potential markets for specialty corn end uses or market substitutes.
 - c. Modification of raw material/cereal-based food products. New end uses such as commercial pet food usage.
 - d. Identify additional value-added uses of the chemicals/components of the corn plant.
 - e. Opportunities for specialty grown corns in Kansas.
 - f. Opportunities for alternative ethanol uses in Kansas, i.e., irrigation.

2. Animal/Human Nutrition Studies: Pre-Proposals should address animal nutrition needs that will increase the utilization of corn on the livestock and poultry feeding industry in the U.S./Kansas. Human nutritional topics will be considered, if appropriate. Pre-Proposals having principal investigators from at least two disciplines are preferred and must focus on one of the following topics:
 - a. Health and nutrition.
 - b. Animal use and efficiency data as it pertains to wet and/or dry distilled grains.

3. Marketing Extension Program and Transportation: The proposed program should include extensive educational training of corn pricing, crop disappearance/market share, crop insurance options, yield protection, farm program considerations and options in marketing available to Kansas Corn producers. Programming should be conducted in conjunction with private sector industry representatives to further explore opportunities in the marketplace to pricing and/or value-added options.
 - a. Transportation Infrastructure-implications of truck program development session and rail transportation changes.
 - b. Research and education programs to provide producers a means of developing comprehensive, farm-level risk management programs as they operate in a global economy.

4. Production/Environmental Programs: Pre-Proposals should address cropping systems for the Kansas corn industry for the year 2010 and beyond and should focus on the most economical/efficient cropping systems with minimal impact on the environment. Pre-Proposals having principal investigators from at least two disciplines are preferred and must include an economic impact analysis. Pre-Proposals should address either of the following topics:
- a. Best management practices (MBPs) for corn production in Kansas to minimize the impact of nutrient elements and pesticides on the environment; compare new BMPs to current ones with verification of the on-site benefits to water quality (this includes monitoring runoff samples for specific nutrients and pesticides);
 - b. Irrigation efficiency/sprinkler efficiency.

For further information, please contact: Alicia Reed at amreed@ku.edu

Loan Repayment Programs (LRPs)

National Institutes of Health (NIH)

Deadline: December 1, 2009

The National Institutes of Health (NIH) repays outstanding student loans through its extramural Loan Repayment Programs (LRPs). The LRPs target researchers who are or will be conducting nonprofit biomedical or behavioral research. The five extramural LRPs are Clinical Research, Pediatric Research, Health Disparities Research, Contraception and Infertility Research, and Clinical Research for Individuals from Disadvantaged Backgrounds.

For further information: <http://www.lrp.nih.gov/>

East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI)

National Science Foundation (NSF)

Deadline: December 8, 2009

The National Science Foundation (NSF) East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI) is a flagship international fellowship program for developing the next generation of globally-engaged U.S. scientists and engineers knowledgeable about the Asian and Pacific regions. The Summer Institutes are hosted by foreign counterparts committed to increasing opportunities for young U.S. researchers to work in research facilities and with host mentors abroad. Fellows are supported to participate in eight-week research experiences at host laboratories in Australia, China, Japan (10 weeks), Korea, New Zealand, Singapore and Taiwan from June to August. The program provides a \$5,000 summer stipend, round-trip airfare to the host location, living expenses abroad, and an introduction to the society, culture, language, and research environment of the host location.

For further information: www.nsfpsi.org

Marie Curie Initial Training Networks - FP7-PEOPLE-2010-ITN

European Union (EU) - European Commission (EC) - Commission of the European Community (CEC); Seventh Framework Programme (FP7); People Programme

Deadline: December 22, 2009

The Seventh Framework Programme (FP7) People Programme includes this call for Marie Curie Initial Training Networks. The Marie Curie Initial Training Networks aim to improve the career perspectives of researchers who are in the first five years of their research career, in both public and private sectors. Institutions that are actively involved in research training (universities, public and private research centers, companies, SME, spin-offs) will propose a network and apply for funding to the Commission. If selected, they will collaborate to recruit research fellows and provide them with opportunities to undertake research in the context of a joint research training programme. There are no predefined research priority areas for this program, and all research fields are chosen freely by the applicants. All domains of research and technological development addressed under the EC Treaty are eligible for funding (except areas of research covered by the EURATOM Treaty).

The joint research training programme should respond to well identified needs in defined scientific or technological areas, expose the researcher to other sectors including private companies, and offer a comprehensive set of complementary skills (entrepreneurship and IPR). It should reflect existing or planned research collaborations among the partners, where the fellow will take part through individual training-through-research projects. The organizations participating in the network will be expected to mutually recognize the quality of the training. This should contribute to the structuring effect on European research training capacities through the establishment of long term collaboration among the teams.

The size and budget of the network will depend on the scope of the research training programme, along with the needs in this respect for the disciplines concerned and management considerations. Large networks may be important to provide training in certain fields of research that are fragmented and have many smaller groups active in different locations. Such networks would have to demonstrate a very high degree of organization. Normally a network will be composed of at least three participants (multi-site networks), but mono-sites and twinnings are also possible under certain conditions. There is no predefined size for multi-site networks. However, past experience has shown that a manageable size of such networks would be in the range of 6 to 10 partners.

Proposals will be classified under eight major areas of research known as panels, including chemistry (CHE), social and human sciences (SOC), economic sciences (ECO), information science and engineering (ENG), environmental and geo-sciences (ENV), life sciences (LIF), mathematics (MAT), and physics (PHY). The applicant may choose the panel that the proposal will be associated with at the proposal stage and this will be considered as the core discipline.

For further information:

http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=247