

ACCESS GRANTED

Source of Funding Information for the York College Community

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Dawn A. Hewitt
Director, Research &
Sponsored Programs

NIGMS Invests in Scientific Grand Opportunities with Recovery Act Funds

The National Institute of General Medical Sciences (NIGMS), part of the National Institutes of Health (NIH), is investing \$42.3 million for grants in scientific areas it identified as "Grand Opportunities (GO)." NIH developed the GO grant program to stimulate biomedical research and the economy using funds provided by the American Recovery and Reinvestment Act (Recovery Act).

"The GO grants fund projects that promise to have a significant impact on a field of biomedical science over two years," said NIGMS Director Jeremy M. Berg, Ph.D. "By closing specific knowledge gaps, creating new technologies, or building community-wide resources, these awards will dramatically propel progress in key scientific fields with a one-time investment."

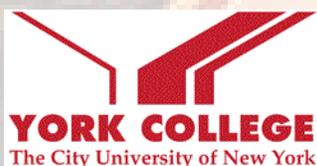
The Recovery Act grants will also contribute to the economic recovery by creating jobs for researchers, technical and support staff, the makers of scientific equipment and others across the country. States receiving GO grants are: Arkansas, California, Iowa, Kentucky, Maryland, Massachusetts, Michigan, North Carolina, Pennsylvania, Texas, Tennessee, Washington and Wisconsin.

The GO grants include a broad range of projects. Several establish new databases, service centers or other resources that will be accessible to the entire scientific community, advancing biomedical research — and possibly medical care — for years to come. Others tackle large projects, such as understanding the activity of all the genes in human white blood cells, which require the collaborative work of dozens of scientists.

-Courtesy of US Department of Health and Human Services, NIH News and National Institute of General Medical Sciences, November 23, 2009

Inside this Issue:

From the Desk of The Director	1
Policies & Procedures	2
Research Spotlight	3
Funding At-A-Glance	4-5
Funding Opportunities	6-17
Proposals Awarded/Submitted	18
Announcements	19-20
ORSP Contact Information	21



Policies and Procedures of the Office of Research and Sponsored Programs

The Office of Research and Sponsored Programs (ORSP) is the only office designated to submit grant proposals to funding sources on behalf of York College, the City University of New York. As such, the goal of the office is to ensure all research and sponsored programs proposals are prepared and monitored in accordance with all applicable Federal and State regulations; OMB Circular A21, and College and University policies and procedures. In order to do this effectively and efficiently all who are applying for grants must adhere to the following procedures:

- **Every** proposal whether it requires a signature or not **must** be reviewed and approved by ORSP
- Proposals **must** be submitted to ORSP **ten business days** prior to the deadline of the funding source
- Proposals **must** be complete with budget and budget justification in order to allow sufficient time for adequate review and submission
- Proposals being submitted electronically must be received with all information uploaded as electronic files for review which will then be submitted by this office via electronic portal
- Proposal Certification and Conflict of Interest forms **must** accompany proposals at time of submission to the ORSP (forms are located in the ORSP office)

Remember the Office of Research and Sponsored Programs is here to assist you, both in preparing and submitting proposals. Making sure a sound proposal is submitted takes time and teamwork on the part of the Principal Investigator and the office of ORSP.



RESEARCH SPOTLIGHT

Adolescent trauma psychopathology and resilience: A person-focused approach: A Brief Description

Dr. Beth Rosenthal is a professor in the Department of Social Sciences at York College. Her research focuses on stress in older adolescents. It is guided by the theoretical view that stress is the product of the interaction between an individual's adverse experiences and the individual's resiliency characteristics; and that stress produces undesirable psychosocial outcomes. Her current research, recently funded by the National Institutes of Health (NIH) for the period 2009-2013 for over \$472,000, is titled "Adolescent Trauma, Psychopathology and Resilience: A Person-Focused Approach."

The goal of the current research is to understand the processes that are involved in the development of psychopathology resulting from exposure to potentially traumatic events occurring in later adolescence in order to provide an expanded foundation for preventive and treatment strategies. Specifically, the goal of this current research is to identify who develops Posttraumatic Stress Disorder (PTSD) symptoms and who does not; and to understand why one person does and another does not.

The research focuses on urban adolescents at the end of high school because older adolescents living in large cities are the group of people who are most exposed to potentially traumatic events. The basic idea underlying the research is that the level of posttraumatic stress symptoms that an individual exhibits depends upon the degree to which he or she has experienced traumatic events and the degree to which he or she possesses certain characteristics that protect her or him from stress.

The research uses a "person-centered" approach and proposes to classify individuals into groups in which the individuals in a given group are similar to each other, but different from individuals in other groups, in terms of the combination of exposure to potentially traumatic events and manifesting posttraumatic stress symptoms. This classification will be done by a relatively sophisticated statistical procedure, latent class analysis with covariates. The research will identify four types of individuals: 1) those who have high trauma and high symptoms (people with PTSD symptoms); 2) those with high trauma and low symptoms (people who are Resilient); 3) those with low trauma and high symptoms (people who are Stress Prone); and 4) individuals with low trauma and low symptoms (the Idealized Norm for people in our society). The research will estimate the relative frequency of older adolescents in each of the prototypical categories; and identify the protective/vulnerability factors that differentiate among the four prototypes.

Psychopathology associated with exposure to traumatic events is arguably the most common mental health problem. The identification of the relative numbers of people in each of the four prototypical categories of this phenomenon and the increased understanding of the psychosocial dynamics that produce the membership in the categories will provide an expanded foundation for developing preventive and treatment strategies for dealing with this too common health problem.

FUNDING AT-A-GLANCE

Listing	Funding Agency	Program Title	Deadline	Amount	Page
Accounting & Business	Institute of Chartered Accountants of Scotland (ICAS)	Research Funds	TBD	TBD	6
	Institute of Management Accountants, Inc. (IMA)	Call for Research Proposals in Management Accounting	Open	TBD	6
Aviation Sciences	Department of Transportation	FAA Aviation Research Grants Open Solicitation	1/31/12	TBD	7
	Charles A. and Anne Morrow Lindbergh Foundation	Grants	6/11/10	\$10,580	7
Biology	G. Harold and Leila Y. Mathers Charitable Foundation	Grants for Research in the Life Sciences	Open	TBD	7
	National Institutes of Health (NIH)	NIMH Career Opportunities in Research (COR) Honors Undergraduate Research Training Grant (T34)	5/12/10	TBD	8
Chemistry	National Science Foundation (NSF)	Catalysis and Biocatalysis	3/10/10	TBD	8
	Camille and Henry Dreyfus Foundation, Inc	Special Grant Program in the Chemical Sciences	6/4/10	TBD	9
Collaborative Research	National Science Foundation (NSF)	Mathematical Biology Program	1/13/10	TBD	9
	Compton Foundation	Grants in Peace & Security, Population, and Environment	3/7/10	See post.	10
	US Department of Agriculture	International Science and Education (ISE) Grants Program	1/28/10	See post.	10
Earth & Physical Sciences	National Science Foundation (NSF)	Petrology and Geochemistry	1/6/10	See post.	11
English	Lannan Foundation	Literary Arts Grants	Open	TBD	11
Foreign Language	US Department of Education	International Research and Studies Program	1/12/10	TBD	12

General	US Department of Agriculture (DOA)	Higher Education Challenge (HEC) Grants Program	2/5/10	See post.	12
	New York State Governor's Office	The New York State Innovation Economy Matching Grants Program	TBD	TBD	13
Humanities	American Philosophical Society	Phillips Fund Grants for Native American Research	3/1/10	See post.	13
	National Endowment for the Arts	Universal Design Leadership Project	2/9/10	See post.	14
International Studies	US Department of Education (DOE)	Business & International Education Program	1/8/10	See post.	14
	Woodrow Wilson International Center for Scholars	East European Studies Short-Term Grants	3/1/10	TBD	14
Math & Computer Studies	Mathematical Association of America (MAA)	Grants for Women and Mathematics Projects	2/12/10	Max \$6,000	15
	US Department of Energy (DOE)	Applied Mathematics	TBD	TBD	15
	National Science Foundation (NSF)	Software Development for Cyberinfrastructure (SDCI)	2/26/10	See post.	16
Political Science	American Political Science Association (APSA)	Small Research Grant Program	2/1/10	Max \$2,500	16
	Dirksen Center	Congressional Research Award	2/1/10	Max \$3,500	16
	W.E. Upjohn Institute	2010 Grant Program	2/1/10	See post.	17



FUNDING OPPORTUNITIES

Accounting & Business

Institute of Chartered Accountants of Scotland (ICAS)

<http://www.icas.org.uk/site/cms/contentViewArticle.asp?article=1051>

Deadline: To Be Determined

Research Funds

ICAS supports high quality research which is timely and relevant to the accountancy profession or business. Research proposals should be in the public interest, and help to inform the development of future policy.

Research themes of particular interest are:

- The Future of Financial Reporting and Assurance
- Ethics and Integrity
- Key Business Issues
- Insolvency
- Not for Profit Sector
- Development of the Profession

Successful applicants benefit from a close working relationship with a world class professional body which has close links with national and international policy makers and regulators. Research results are widely distributed and discussion events may be held to launch reports and encourage debate.

Amount of Award: To Be Determined



Institute of Management Accountants, Inc. (IMA)

http://www.imanet.org/research_foundation.asp

Deadline: Open

Call for Research Proposals in Management Accounting

The Institute of Management Accountants (IMA) is committed to funding and publishing relevant, practitioner-oriented research that will support its membership and the worldwide management accounting profession as a whole. On behalf of IMA, FAR is committed to investing in research initiatives throughout the world that promote thought leadership, create new knowledge, and offer innovative ideas for the management accounting profession.

Amount of Award: To be Determined



FUNDING OPPORTUNITIES

Aviation Sciences

Department of Transportation

Contact: Nicole Saiauskie
Grants Program Specialist
Phone 609-485-4781

Deadline: January 31, 2012

FAA Aviation Research Grants Open Solicitation

The FAA is soliciting proposals for research grants and cooperative agreements to pursue the long-term and short-term technical needs of civil aviation. Work performed through these proposals will also help to further objectives set forth in the FAA flight plan and the next generation air transportation system integrated plan. It is highly suggested that you contact the appropriate FAA program office prior to submitting.

Amount of Award: To Be Determined

Charles A. and Anne Morrow Lindbergh Foundation

http://www.lindberghfoundation.org/index.php?option=com_content&view=section&layout=blog&id=3&Itemid=4

Deadline: June 11, 2010

Grants

Each year, the foundation provides grants to men and women whose individual initiative and work in a wide spectrum of disciplines furthers the Lindberghs' vision of a balance between the advance of technology and the preservation of the natural/human environment. These grants provide seed money for pilot projects, with hope that the works will gain creditability and subsequently receive larger sums of money from other sources.

Grants are made in the following categories:

1. Agriculture
2. Aviation and aerospace
3. Conservation of animal, plant, and water resources
4. Education, the arts, and intercultural communication
5. Exploration
6. Health, including biomedical research, health and population sciences, and adaptive technology
7. Waste minimization and management

Amount of Award: \$10,580

Biology

G. Harold and Leila Y. Mathers Charitable Foundation

<http://www.mathersfoundation.org/>

Deadline: Open

Grants for Research in the Life Sciences

The G. Harold & Leila Y. Mathers Foundation is primarily interested in supporting fundamental basic research in the life sciences. Support is provided for specific projects from established researchers at top universities and independent research institutions within the United States.

Amount of Award: To Be Determined

G Harold & Leila Y.
Mathers Foundation

Mount Kisco, New York



FUNDING OPPORTUNITIES

Biology

National Institutes of Health (NIH)

<http://grants1.nih.gov/grants/guide/pa-files/PA-08-093.html>

Deadline: May 12, 2010

NIMH Career Opportunities in Research (COR) Honors Undergraduate Research Training Grant (T34)

The objective of the National Institute of Mental Health Career Opportunities in Research (NIMH COR) Honors Undergraduate Research Training Grant (T34) program is to provide prebaccalaureate research training opportunities for individuals from diverse backgrounds who are interested in pursuing mental health research careers and to prepare these individuals to pursue Ph.D. and M.D./Ph.D. degrees in research areas relevant to the mission of the NIMH. The purpose of this pre-baccalaureate NRSA research training program is to help ensure that a diverse and highly trained workforce is available to assume leadership roles related to the nation's mental health research agenda. Diverse populations refer to individuals from a particular ethnic or racial group that has been determined by the grantee institution to be underrepresented in biomedical, neuroscience, behavioral, or clinical research; individuals with disabilities; and individuals from disadvantaged backgrounds.

Undergraduate curricula typically preparatory for graduate research training in relevant areas of study include, but are not limited to, biology, psychology, neurobiology, neuroscience, psychobiology, experimental psychology, cognitive science, social work, sociology, epidemiology, and genetics, as well as quantitative disciplines such as mathematics, physics, chemistry, engineering, statistics, and computer sciences. More importantly, a strong foundation in scientific research methods, critical thinking, and writing are necessary to prepare students for the rigor of graduate research training. Therefore, NIMH COR programs must offer curricula to introduce trainees to critical analysis and experimental design and statistical methodology used in basic and clinical mental health research. To develop a research workforce capable of optimally pursuing rapidly expanding scientific advances, NIMH will place higher priority on training programs that provide trainees with both multidisciplinary and translational research experience.

Amount of Award: To Be Determined

Chemistry

National Science Foundation (NSF)

http://www.nsf.gov/funding/pgm_summ.jsp?pid=13360&org=CBET

Deadline: March 3, 2010

Catalysis and Biocatalysis

This program primarily supports fundamental and applied research on

- kinetics and mechanisms of important catalyzed chemical reactions as they relate to the production of chemicals, fuels, and specialized materials;
- fundamental aspects of reactive deposition and processing for thin film materials;
- characterization of chemical and biochemical phenomena occurring at or near solid surfaces and interfaces;
- kinetic modeling and theory of heterogeneous, homogeneous, and biocatalysis; and
- electrocatalytic processes having engineering significance or commercial potential.

This program promotes multidisciplinary research in all of the above areas.

Typical research topics include

- synthesis and characterization of novel catalytic structures from the atomic through the nanoscale for chemical conversions;
- mechanisms and kinetics of reactions at solid surfaces and at interfaces (gas-solid, liquid-solid including aqueous-solid);
- ab initio and semiempirical kinetic theory and dynamic simulation of complex reactions;
- utilization of catalytic materials in sensors, electronic devices, coatings; incorporation of components from the nano to micron scale;
- catalyst design for reaction engineering of chemical, photo-, electro-, and bio-catalytic processes;
- environmentally beneficial chemical process alternatives;
- catalytic conversion of biorenewables;
- utilization of new catalysts for producing nanomaterials; and
- ultra selective reactions and catalysts for fine chemicals, pharmaceuticals, and specialty chemical products.

Amount of Award: To Be Determined

FUNDING OPPORTUNITIES

Chemistry

Collaborative Research

Camille and Henry Dreyfus Foundation, Inc
http://www.dreyfus.org/awards/special_grant_program_chemical.shtml

Deadline: June 4, 2010

Special Grant Program in the Chemical Sciences

The Camille and Henry Dreyfus Special Grant Program in the Chemical Sciences offers support to eligible institutions for innovative projects. The Special Grant program is intended to strengthen chemistry teaching and research, with the expectation that awardees will find continuing funding from other sources. However, proposals are invited in any area consistent with the foundation's basic objectives in the chemical sciences and not covered by other foundation programs.

The foundation prefers to fund projects that are not already receiving substantial support from government agencies or other foundations. Project research grants would not customarily qualify. Past areas of support include development of curricular and instructional materials, including new media; institutional enhancement of education and research; public understanding of the role of chemistry in society, and encouragement of high school students and teachers.

Amount of Award: To Be Determined



National Science Foundation (NSF)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5690

Deadline: January 13, 2010

Mathematical Biology Program

The program supports research in areas of applied and computational mathematics with relevance to the biological sciences. Successful proposals are mathematically innovative and address challenging problems of interest to members of the biological community. Projects may include development of mathematical concepts and tools traditionally seen in other disciplinary programs within DMS, e.g., topology, probability, statistics, and computation, etc. To receive appropriate and timely review, such proposals should be submitted directly to the relevant disciplinary program, but will be considered for co-review by the Mathematical Biology program, which may be selected as a secondary program. Proposals that use established mathematical, statistical and computational tools to address problems in the biological sciences are typically not appropriate for consideration by the disciplinary programs within DMS.

Amount of Award: To Be Determined



FUNDING OPPORTUNITIES

Collaborative Research

Compton Foundation

<http://www.comptonfoundation.org/>

Deadline: March 7, 2010

Grants in Peace & Security, Population, and Environment

In a world that is increasingly interrelated, the Compton Foundation seeks to foster human and ecological security by addressing contemporary threats to these inalienable rights. The Foundation supports responsible stewardship that respects the rights of future generations to a balanced and healthy ecology, both personal and global, allowing for the full richness of human experience. The Foundation envisions a world in which humans live in harmony with each other, and in sustainable balance with the earth. To realize this vision, the Compton Foundation focuses most of its grantmaking in the areas of Peace & Security, Environment & Sustainability, and Population & Reproductive Health, with a special emphasis on projects that explore the interconnections between these categories. The Foundation seeks to foster positive and sustainable models of change in each of its three program areas. The Foundation believes that research and activism should inform each other, and that both perspectives are necessary for productive public debate and effective policy change. The Foundation actively encourages creative collaboration between agencies, institutions and/or foundations, and projects that advance human knowledge by connecting theory with practice.

Amount of Award: To Be Determined (The Compton Foundation granted \$5.1 million to nonprofit organizations in 2007 and \$4.5 million in 2008.)



US Department of Agriculture (DOA)

http://www.nifa.usda.gov/funding/rfas/intl_science.html

Deadline: January 28, 2010

International Science and Education (ISE) Grants Program

The purpose of ISE is to support the internationalization of food, agriculture and related programs at U.S. universities and colleges. It is intended that ISE will 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/or teaching activities that enhance the capabilities of American colleges and universities to conduct international collaborative research, extension and teaching.

Amount of Award: Approximately \$2.9 million is available to fund applications submitted in response to this request for Proposal.



FUNDING OPPORTUNITIES

Earth & Physical Sciences

National Science Foundation (NSF)

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

Deadline: January 6, 2010

Petrology and Geochemistry

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.

Amount of Award: \$13.9 million is available for 40 to 60 awards.



English

Lannan Foundation

<http://ee.lannan.org/lf/about/funding-areas/>

Deadline: Open

Literary Arts Grants

Literary Arts supports the creation of exceptional English-language literature and seeks to develop a wider audience for contemporary poetry, fiction, and nonfiction. Areas of interest include funding organizations that support diverse writers through publication, presentation, and distribution. The criteria used to evaluate grants include

- literary merit,
- the project's benefit to the community, and
- the organization's stability and relationship to its community.

Amount of Award: To Be Determined



FUNDING OPPORTUNITIES

Foreign Languages

US Department of Education (DOE)

<http://www.ed.gov/programs/iegpsirs>

Deadline: January 12, 2010

International Research and Studies Program

The International Research and Studies Program (IRS) provides grants to conduct research and studies to improve and strengthen instruction in modern foreign languages, area studies, and other international fields. Competitive Preference Priority 1--Instructional Materials Applications, Competitive Preference Priority 2--Research, Surveys, and Studies Applications.

Amount of Award: It is expected that about 10 awards will be made, each ranging from \$50,000-\$200,000 per year.



General

US Department of Agriculture (DOA)

http://www.nifa.usda.gov/funding/rfas/higher_education_challenge.html

Deadline: February 5, 2010

Higher Education Challenge (HEC) Grants Program

The purpose of the Higher Education Challenge (HEC) Grants Program is to strengthen and enhance the Nation's higher education teaching and training programs in the food and agricultural sciences, and to ensure the production of sufficient numbers and quality of graduates to meet the national needs for scientific and professional expertise. The HEC grants program encourages innovative teaching enhancement projects with the potential for regional or national impact to serve as models for other institutions. While research and extension activities may be included in a funded HEC project, the primary focus must be to improve teaching within a degree-granting program.

Amount of Award: NIFA anticipates approximately \$5.2 million will be available to fund applications in FY 2010. Applicants may submit either: (1) Regular Project Proposal (Single Institution) -- up to \$150,000 (total, not per year); or (2) Joint Project Proposal (Applicant + Two or more Partners) -- up to \$500,000 (total, not per year).



FUNDING OPPORTUNITIES

General

New York State Governor's Office

<http://www.nystar.state.ny.us/matching/>

Deadline: To Be Determined

The New York State Innovation Economy Matching Grants Program

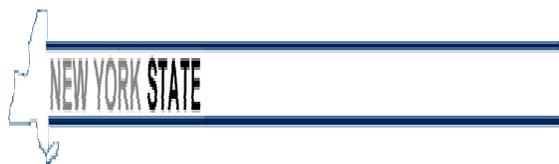
As New York State works to enhance and grow a new economy based on knowledge, technology and innovation, it has recognized the importance of securing federal stimulus funds.

New York recognizes that a commitment of State matching funds can greatly increase the chance of a proposal being selected for federal funding. In acknowledgment of this, New York State has established the Innovation Economy Matching Grants Program.

The goal of the New York State Innovation Economy Matching Grants Program is to provide assistance through the commitment of matching funds to New York State research institutions, businesses and municipalities in attracting new federal, private foundation or industry dollars to New York.

New York State will consider a request for funds from this program once: 1) it has been determined that the specific funding program will benefit New York's innovation economy; and 2) all of the required information as described in the link provided has been submitted. (<http://www.nystar.state.ny.us/matching/apply.htm>)

Amount of Award: To Be Determined



Humanities

American Philosophical Society

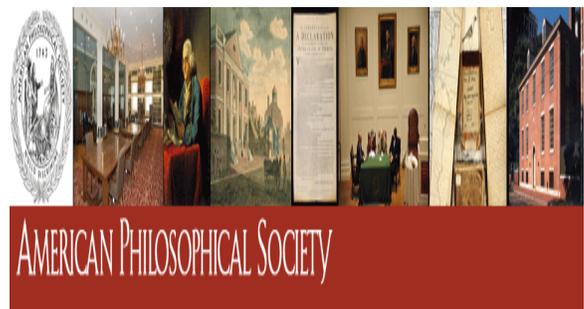
<http://www.amphilsoc.org/grants/phillips>

Deadline: March 1, 2010

Phillips Fund Grants for Native American Research

The Phillips Fund of the American Philosophical Society provides grants for research in Native American linguistics, ethnohistory, and the history of studies of Native Americans, in the continental United States and Canada. Grants are not made for projects in archaeology, ethnography, psycholinguistics, or for the preparation of pedagogical materials. The committee distinguishes ethnohistory from contemporary ethnography as the study of cultures and culture change through time. The grants are intended for such costs as travel, tapes, films, and consultants' fees but not for the purchase of books or permanent equipment.

Amount of Award: The average award is about \$2,500; grants do not exceed \$3,500. Grants are given for one year following the date of the award.



FUNDING OPPORTUNITIES

Humanities

National Endowment for the Arts

<http://www.nea.gov/grants/apply/RFP/UnivDesign.html>

Deadline: February 9, 2010

Universal Design Leadership Project

The Arts Endowment seeks to enter into a Cooperative Agreement with an organization that will carry out a project to increase understanding, acceptance, and practice of universal design within the design profession, by design educators, and by the American public. Proposed projects should focus on extending the appeal of universal design from the disability community into the mainstream of American design and American society. The project should educate designers and others including developers, city planners, and consumers on this important issue.

Amount of Award: The Arts Endowment expects to award one Cooperative Agreement of up to \$65,000. The Cooperator must provide non-federal matching funds of at least \$65,000. Matching funds in excess of this minimum are encouraged.



**NATIONAL
ENDOWMENT
FOR THE ARTS**

International Studies

US Department of Education (DOE)

<http://www.ed.gov/programs/iegpsbie>

Deadline: January 8, 2010

Business & International Education Program

The Business and International Education Program provides grants to enhance international business education programs and to expand the capacity of the business community to engage in international economic activities.

Amount of Award: \$2,152,000 for about 25 awards, ranging from \$50,000-\$95,000 each.

Woodrow Wilson International Center for Scholars

<http://tinyurl.com/r5hen>

Deadline: March 1, 2010

East European Studies Short-Term Grants

With funding provided by Title VIII (The Act for Research and Training for Eastern Europe and Independent States of Former Soviet Union), EES offers short-term grants to scholars working on policy relevant projects on East Europe. While Southeast Europe remains a primary focus, projects on Central Europe and the Baltic states are again eligible. Projects should focus on fields in the social sciences and humanities including, but not limited to: Anthropology, History, Political Science, Slavic Languages and Literatures, and Sociology. All projects should aim to highlight their potential policy relevance.

Amount of Award: To Be Determined



**Woodrow Wilson
International Center
for Scholars**

FUNDING OPPORTUNITIES

Math & Computer Sciences

Mathematical Association of America (MAA)

<http://www.maa.org/wam/tensor.html>

Deadline: February 12, 2010

Grants for Women and Mathematics Projects

The Mathematics Association of America (MAA) plans to award grants for projects designed to encourage college and university women or high school and middle school girls to study mathematics. The Tensor Foundation, working through the MAA, is soliciting proposals for projects that may replicate existing successful projects, adapt components of such projects, or be innovative. Possible projects are to organize a club for women interested in mathematics or mathematics and science; provide release time to allow a faculty member to prepare a course on women and mathematics provided the host institution agrees to offer such a course; create a network of women professional mentors who will direct mathematics projects for girls; hold a conference for counselors to prepare them to encourage women and girls to continue to study mathematics; conduct a summer mathematics program for high school women; bring high school women onto a college campus for a Math Day with follow-up; structure a program for high school or college women to mentor younger female mathematics students with math projects or math clubs; and form partnerships with industry to acquaint women students with real-life applications of mathematics.

The objectives of the MAA and Tensor Foundation Program are to encourage mathematics faculty to develop projects to increase participation of women in mathematics and to provide support to project directors.

Amount of Award: Maximum of \$6,000

US Department of Energy (DOE)

<http://www.science.doe.gov/grants/FAPN09-01.html>

Deadline: To Be Determined

Applied Mathematics

The mission of the Advanced Scientific Computing Research Program is to deliver forefront computational and networking capabilities to enable scientists to extend the frontiers of science, answering critical questions that range from nanoscience to astrophysics and include nuclear structure, the function of living cells, and the power of fusion energy. Research on the mathematical methods and numerical algorithms that enable the effective description, understanding, and prediction of complex physical, biological, and human-engineered systems.

For example, the subjects of supported research efforts may include

- numerical methods for the parallel solution of systems of partial differential equations, large-scale linear or nonlinear systems, or very large parameter-estimation problems;
- analytical or numerical techniques for modeling complex physical or biological phenomena, such as fluid turbulence or microbial populations;
- analytical or numerical methods for bridging a broad range of temporal and spatial scales;
- optimization, control, and risk analysis of complex systems, such as computer networks and electrical power grids; and
- mathematical research issues related to petascale science.

Amount of Award: To Be Determined



FUNDING OPPORTUNITIES

Math & Computer Sciences

National Science Foundation (NSF)

<http://www.nsf.gov/pubs/2010/nsf10508/nsf10508.htm>

Deadline: February 26, 2010

Software Development for Cyberinfrastructure (SDCI)

The purpose of the Software Development for Cyberinfrastructure (SDCI) program is to develop, deploy, and sustain a set of reusable and expandable software components and systems that benefit a broad set of science and engineering applications. SDCI is a continuation of the NSF Middleware Initiative (NMI) in an expanded context appropriate to the current expanded vision of cyberinfrastructure. This program supports software development across five major software areas: system software and tools for High Performance Computing (HPC) environments; software promoting NSF's strategic vision for digital data; network software to support distributed software, software in the form of middleware capabilities and services, and cybersecurity. SDCI funds software activities for enhancing scientific productivity and for facilitating research and education collaborations through sharing of data, instruments, and computing and storage resources. The program requires open source software development.

Amount of Award: \$15 million for 25-30 awards.



Political Sciences

American Political Science Association (APSA)

http://www.apsanet.org/content_9222.cfm

Deadline: February 1, 2010

Small Research Grant Program

The APSA Small Research Grant Program supports research in all fields of political science. The intent of these grants is to support the research of political scientists who are not employed at PhD-granting department in the field and to help further the careers of these scholars. Grant recipients have been able to publish several books and book chapters, journal articles, working papers, and conference presentations. They also report benefits to students, who have co-authored projects and worked as research assistants.

Several recipients were also able to use the APSA grant as "seed money" to get additional funding.

Amount of Award: Maximum \$2,500

Dirksen Center

http://www.dirksencenter.org/print_grants_CRAs.htm

Deadline: February 1, 2010

Congressional Research Award

The Dirksen Congressional Center invites applications for grants to fund research on congressional leadership and the U.S. Congress. The Center, named for the late Senate Minority Leader Everett M. Dirksen, is a private, nonpartisan, nonprofit research and educational organization devoted to the study of Congress and its leaders. Since 1978, the Congressional Research Awards (formerly the Congressional Research Grants) program has paid out \$747,465 to support more than 369 projects.

Amount of Award: Maximum \$3,500

FUNDING OPPORTUNITIES

Political Sciences

W.E. Upjohn Institute

<http://www.upjohninst.org/grantann.html>

Deadline: February 1, 2010

2010 Grant Program

The Upjohn Institute announces a call for applications for Policy Research Grants and Mini-Grants. Policy Research Grants are open to any interested researcher, while Mini-Grants are restricted to nontenured faculty members. Any proposal related to employment issues will be considered, but the Institute encourages research relevant to labor market issues of the recent/ongoing recession and recovery. A conference on these issues will be held at the Institute in Fall 2010, and successful grantees may be invited to participate. Topics of interest include but are not limited to the following areas: vulnerable groups, such as immigrants, older workers, and youths; "jobless recovery": causes and consequences; structural change and the cycle; sectoral adjustments: autos, finance, real estate, etc.; entrepreneurship, self-employment, and job creation; workforce programs: challenges and opportunities; UI extension and consequences; finance and labor markets; housing, migration, and regional adjustments; state and local budgets and employment; and executive compensation. **POLICY RESEARCH GRANTS:** Grantees under this program should produce two distinct products: 1) a Research Paper and 2) a Policy Brief. The Research Paper should be suitable for publication in a peer-reviewed journal and will be included in the Upjohn Institute Working Paper series. The Policy Brief focuses on the policy implications of the analysis presented in the Research Paper and is intended to be accessible to practitioners and policymakers. Policy Briefs will be posted on the Upjohn Institute Web site and may be distributed in paper copy by the Institute's Publications Unit. The research findings and policy recommendations may also be summarized in *Employment Research*, the Institute's quarterly newsletter. **MINI-GRANTS:** The purpose of the Mini-Grant Program, which is reserved for untenured junior faculty within six years of earning their PhD degree, is to provide flexibility to meet special funding needs that, without support, would impede researchers from pursuing the project. Mini-Grant recipients are expected to write a research paper that would be submitted to a peer-reviewed journal, to prepare a synopsis of the research for consideration as an article in the Institute's newsletter *Employment Research*, and to enter the paper in the Institute's Working Paper series.

Amount of Award: Policy Research Grant, maximum is \$10,000. Mini-Grant, maximum is \$5,000.



Proposals Submitted
November 1, 2009 – November 30, 2009

Name	Project Title	Agency	Amount
Academic Affairs			
Panayiotis Meleties	Junior Science and Humanities Symposium	Academy of Applied Sciences	\$16,000

Proposals Awarded
November 1, 2009 – November 30, 2009

Name	Project Title	Agency	Amount
Academic Affairs			
Panayiotis Meleties	Junior Science and Humanities Symposium	Academy of Applied Sciences	\$16,000



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