

Inside this issue:

Funding opportunities for the College of Arts and Letters	p.1-4
Funding opportunities for the College of Business and Public Administration	p.5-7
Funding opportunities for the Darden College of Education	p.7-9
Funding opportunities for the College of Sciences and the Batten College of Engineering and Technology	p.10-15
Funding opportunities for the College of Health Sciences	p.16-21

Funding Opportunities for the College of Arts and Letters

1. American Masterpieces: Dance

Sponsor: National Endowment for the Humanities

Deadline: October 8, 2009

Amount: \$15,000

Web Link: <http://arts.endow.gov/grants/apply/AMDance.html>

Abstract: This program supports a variety of projects that are artistically, historically, and culturally significant and that reflect the breadth of dance forms, styles, and techniques. For college and university dance programs: The restaging, performance, and documentation of significant dance choreography in order to provide dance students with access to the legacy of American dance history. While faculty can assist with a project, the primary reconstructor/artist must be someone from outside the campus.

2. Summer Stipends

Sponsor: National Endowment for the Humanities

Deadline: October 1, 2009

Amount: up to \$6,000

Web Link: <http://www.neh.gov/grants/guidelines/stipends.html>

Abstract: Summer Stipends support individuals pursuing advanced research that is of value to scholars and general audiences in the humanities. Recipients usually produce articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly tools. Summer Stipends support full-time work on a humanities project for a period of two months. Summer Stipends support projects at any stage of development. Summer Stipends are awarded to individual scholars. Organizations are not eligible to apply.

3. Communications/Public Opinion

Sponsor: United States - Japan Foundation (USJF)

Deadline: Dec 15, 2009

Web Link: <http://www.us-jf.org/communication.php>

Contact: Director of Foundation Grants and Assistant to the President, at djanes@us-jf.org

Abstract: This program gives a priority to projects that can demonstrate originality, broad appeal, enduring impact, excellent management, and a well constructed plan for execution and success.

1. Print Media

Exchange programs, fellowships, research, symposia, etc., involving journalists, editors, or other print media professionals leading to professional development or an article series or publication

2. Broadcast Media

Exchange programs, fellowships, research, symposiums, etc., involving broadcast journalists, editors, or other broadcast media professionals (radio or TV) resulting in professional development or a story series or other special coverage

3. Internet

Communication platforms, moderated discussion groups, links between nonprofit organizations (NPOs) or other projects that take advantage of new Internet technologies to enhance communication in support of the foundation's mission

4. NGO/NPO Links

Projects of cooperation, communication, education, or collaboration between U.S. and Japanese civil society organizations (in support of the foundation's mission)

5. Documentary Film/Video (and other multi-media)

The Foundation supports documentary films about Japan and the US-Japan relationship.

6. Opinion Polling/Public Opinion Research

Occasionally the foundation will support such a project if there is demonstrated need and lack of other support from more traditional sources.

7. Other

The categories listed above are not intended to be exhaustive. The foundation is always looking for unique approaches to strengthening the U.S.-Japan relationship

4. Grant Program

Sponsor: Virginia Foundation for the Humanities (VFH)

Web Link(s): <http://www.virginiafoundation.org/grants/>
<http://www.virginiafoundation.org/grants/priorities.html>

Contact: Director, Grants and Public Programs: David Bearinger;
Phone: (434) 924-3296; Email: dab@virginia.edu

Abstract: VFH funds public humanities programs in Virginia that are shaped by and significantly involve humanities scholars and/or other community experts. The grant program encourages projects that increase public understanding of important issues and enrich the cultural life of the state.

- *The Open Grant Program* is open to proposals on a wide range of subjects, for projects in any format, and for amounts up to \$10,000. Open Grant **deadlines** are February 1st, May 1st, and October 15th.
- *The Discretionary Grant Program* allows VFH to make smaller grants of up to \$2,500. *There is **no deadline** for this program; applications are accepted at any time.*

5. Collective Behavior and Socio-Cultural Modeling

Sponsor: United States Department of Defense (DOD), Department of the Air Force (USAF)

Deadline: Continuous

Amount: Approximately \$200 million is available for support of actions awarded through this BAA process. Awards average \$150,000 per year for up to five years. Awards may start any time during the fiscal year.

Web Link(s): <http://www.wpafb.af.mil/library/factsheets/factsheet.asp?id=8127>
<http://fundingopps.cos.com/cgi-bin/fo2/getRec?id=103309>

Contact: Ricky Christie, Phone (703) 696-9728, Email: ricky.christie@afosr.af.mil

Abstract: This program seeks fundamental understanding of the interactions between demographic groups both to create understanding for technology developments for enhanced cooperation, such as operational decision making with coalition partners, and to explain and predict outcomes between competing factions within geographic regions. Example topics include the following:

1. Exploring the structure of cultural knowledge, beliefs, and social norms either broadly, in factor models, or more narrowly, within the framework of a computational cognitive architecture;
2. Reasoning and decision-making processes in cultural context, including reasoning with uncertain information;
3. Self-organization and adaptation of culturally defined entities or groups, including models of group competitive and cooperative interactions;
4. Game-theoretic modeling of interactive agents with imperfect and incomplete information regarding other agents;
5. New approaches to automated reasoning about belief, knowledge, obligation, time, and preference
6. Characterization of interacting dynamics at multiple scales, from individual to nation-state

6. Annual Grant Competition

Sponsor: United States Institute of Peace

Deadline: **October 1, 2009**

Amount: The awards generally range from \$50,000 to \$120,000.

Web Link(s): <http://www.usip.org/grants/index.html#more>

Contact: Program Officer: Andrew Blum; Phone: (202) 429-3887;
E-mail: ablum@usip.org (See link for list of other Program Officers and Senior Program Officers.)

Abstract: This program supports innovative peace building projects involving research, the identification of promising models and effective practices, the development of practitioner resources and tools, the development and delivery of education, training and dialogue programs, and the production of films, radio programs, and other media. It focuses on preventing, managing, and resolving violent conflict and promoting post-conflict peace building in settings outside the borders of the U.S. Awards support activities that apply across a broad range of relevant disciplines, skills, and approaches.

Topic areas of interest to USIP include, but are not limited to:

- Conflict analysis and prevention;
- Mediation and conflict resolution;
- Post-conflict peace and stability operations;
- Religion and peacemaking;
- Women and girls in conflict and peace building;
- Rule of law and transitional justice;
- Economies and conflict;
- Social, psychological, and physical impacts of war and conflict;
- Media and conflict.

Funding Opportunities for the College of Business and Public Administration:

1. Kauffman Junior Faculty Fellowship in Entrepreneurship Research

Sponsor: Kauffman Foundation, Ewing Marion

Deadline: Mar 09, 2010, and Apr 06, 2010

Eligibility: For 2009-2010 this program is open to tenured or tenure track junior faculty members at accredited United States universities who received a Ph.D. or equivalent doctoral degree between January 1, 2004, and December 31, 2007.

Amount: \$50,000

Web link: <http://www.kauffman.org/research-and-policy/kauffman-junior-faculty-fellowship-in-entrepreneurship.aspx>

Abstract: The Kauffman Foundation established the Junior Faculty Fellowship in Entrepreneurship Research in 2008 to recognize tenured or tenure-track junior faculty members at accredited United States universities who are beginning to establish a record of scholarship and exhibit the potential to make significant contributions to the body of research in the field of entrepreneurship.

2. Research Stipends

Sponsor: Center for the Business of Government

Deadline: Oct 01, 2009, and Mar 01, 2010

Eligibility: Individuals working in universities, nonprofit organizations

Amount: \$ 20,000 for each report

Web link: <http://www.businessofgovernment.org/main/apply/index.asp>

Abstract: This program provides grants to stimulate research and improve the effectiveness of government at the federal, state, local, and international levels. Manuscripts submitted in response to each RFP must address one of the special topics designated for that funding cycle.

Cross-Cutting Management Issues in 2009-2010 include the following:

- Citizen-Centric Service Delivery
- Collaboration: Networks and Partnerships
- Contracting and Acquisition
- Cyber-Security and Privacy
- Financial Management
- Human Capital Management
- Innovation
- Leadership
- Managing for Performance and Results
- Market-Based Government

- Shared Services
- Supply Chain
- Web 2.0.: Going Beyond e-Government

3. ERDC BAA - Manage Classified Information Systems (TEC-43)

Sponsor: United States Department of Defense (DOD)
Department of the Army
U.S. Army Corps of Engineers (USACE)
Engineering Research and Development Center (ERDC)
Topographic Engineering Center (TEC)

Deadline: Continuous.

Web Link: <http://www.mvk.usace.army.mil/contract/docs/BAA.pdf>

Abstract: The objective of this topic is to conduct research on advanced information management, network management, database management, and information assurance technologies.

This program covers these areas, including, but not limit to:

- Computer Security
- Computer Storage and Retrieval
- Computer Systems Administration
- Computer Systems Analysis
- Information Management
- Information or Communication Systems
- Information or Data Centers
- Information Science or Systems
- Networking

4. Global Migration and Human Mobility

Sponsor: MacArthur Foundation, John D. and Catherine T.

Deadline: Continuous.

Web Link:

http://www.macfound.org/site/c.lkLXJ8MQKrH/b.1494505/k.6946/Grantmaking_Guidelines.htm?sid=74056542

Abstract: The foundation is particularly interested in supporting projects that reflect diverse national, institutional, professional, and cultural perspectives on global migration.

MacArthur provides a limited number of grants in the following areas. The first area is governance of global migration. Migration is the least understood and least well governed aspect of globalization, and the elements of a global migration and mobility regime are as yet undeveloped. The foundation seeks to contribute to an improvement in the norms and institutions for governance of international migration at the global, regional, and bi-lateral levels.

Grantmaking in this area is aimed at raising the profile of global migration issues on national and international agendas, helping to develop norms and standards for the effective governance of migration, facilitating the inclusion of civil society voices in policy deliberations at the national and international levels, and disseminating migration research to policymakers at various levels of government. Support for the Global Forum on Migration and Development, and for improvement of regional migration governance mechanisms, are important emphases of the foundation's work on migration governance.

The second grantmaking area is migration and development. The foundation seeks to foster better understanding and policy-relevant analyses of the relationship between the movement of people and economic development in sending and receiving countries. Under the broad rubric of migration and development, the foundation will seek to produce better understandings and policy-relevant analyses of the relationship between the movement of people and economic development.

Funding Opportunities for the Darden College of Education:

1. Chesapeake Bay-related education and restoration activities

Sponsor: Chesapeake Bay Restoration Fund

Deadline: October 1, 2009

Web Link: <http://dls.state.va.us/GROUPS/cbrfac/cbrfac2.htm>

Abstract: Projects focus on environmental education to increase public awareness and knowledge about the Bay, and projects of restoration and conservation nature should be action oriented.

Priority Areas:

1. Expand environmental educational opportunities and the use of existing educational resource (curricula, publications, field studies) in school and community programs for students, teachers and adults.
2. Increase the involvement of students and the public in Bay restoration activities.
3. Increase public support for Chesapeake Bay restoration by purchase of Chesapeake Bay license plates.

2. Reading and Writing CFDA 84.305A

Sponsor: Institute of Education Sciences

Deadline: October 1, 2009

Web Link: http://ies.ed.gov/funding/ncer_rfas/readwrite.asp

Abstract: The program intends to contribute to improvement of reading and writing skills by: (1) exploring malleable factors¹ (e.g., children's behaviors, instructional practices) that are associated with better reading or writing outcomes as well as mediators and moderators of the relations between these practices and student outcomes, for the purpose of identifying potential targets of intervention; (2) developing innovative curricula or instructional approaches for teaching individuals reading or

writing skills or for addressing the underlying causes of reading or writing difficulties (e.g., poor oral language skills); (3) evaluating the efficacy of fully developed curricula or instructional approaches for teaching reading or writing skills, or for reducing/preventing reading or writing difficulties through efficacy or replication trials; (4) evaluating the impact of curricula or instructional approaches for teaching reading or writing skills that are implemented at scale; and (5) developing and/or validating assessments of reading or writing that can be used by practitioners to support instruction.

3. Mathematics and Science Education CFDA 84.305A

Sponsor: Institute of Education Sciences

Deadline: October 1, 2009

Web Link: http://ies.ed.gov/funding/ncer_rfas/mathsci.asp

Abstract: The research program on Mathematics and Science Education (Math/Science) to fulfill five goals: (1) exploring malleable factors (e.g., children's skills, instructional practices, curricula) that are associated with better mathematics or science outcomes, as well as mediators and moderators of the relations between these factors and student outcomes, for the purpose of identifying potential targets of intervention; (2) developing innovative curricula and instructional approaches to mathematics and science education that will eventually result in improving mathematics and science achievement; (3) evaluating the efficacy of fully developed curricula and instructional approaches to mathematics and science education with efficacy or replication trials; (4) evaluating the impact of mathematics and science curricula and instructional approaches that are implemented at scale; and (5) developing and/or validating assessments of mathematics and science learning intended for use by practitioners.

4. Learning and Leadership Grants

Sponsor: National Education Association (NEA) Foundation

Deadline: October 15, 2009

Amount: \$2,000 for individuals/\$5,000 for groups engaged in collegial study.

May be a good “starter” grant

Web Link: http://www.neafoundation.org/programs/Learning&Leadership_Guidelines.htm

Abstract: Grants support public school teachers, public education support professionals, and/or faculty and staff in public institutions of higher education for one of the following two purposes:

- High-quality professional development experiences, such as summer institutes or action research.
- Grants to groups fund collegial study, including study groups, action research, lesson study, or mentoring experiences for faculty or staff new to an assignment

5. Education Leadership CFDA 84.305A

Sponsor: Institute of Education Sciences

Deadline: October 1, 2009

Web Link: http://ies.ed.gov/funding/ncer_rfas/edleadership.asp

Abstract: This program addresses five goals: (1) exploring malleable factors¹ (e.g., skills of principals; management practices) that are associated with better student outcomes for students from kindergarten through high school, as well as mediators and moderators of the relations between these factors and student outcomes, for the purpose of identifying potential targets of intervention; (2) developing innovative programs and practices for the professional development, recruitment, or retention of education leaders that will result in improving the teaching and learning environment at the local level and, ultimately, student learning and achievement; (3) evaluating the efficacy of programs and practices for the professional development, recruitment, or retention of education leaders for improving the teaching and learning environment and, ultimately, student learning and achievement; (4) evaluating the impact of programs and practices for the professional development, recruitment, or retention of education leaders that are implemented at scale and intended for improving the teaching and learning environment and through it, student learning and achievement; and (5) developing and validating new assessments of the quality of education leaders, or validating existing assessments of education leaders against measures of student achievement from kindergarten through high school.

6. Social and Behavioral Context for Academic Learning CFDA 84.305A

Sponsor: Institute of Education Sciences

Deadline: October 1, 2009

Web Link: http://ies.ed.gov/funding/ncer_rfas/socbeh.asp

Abstract: The Institute supports research on interventions designed to improve social skills and behaviors that support academic and other important school-related outcomes (e.g. attendance, high school graduation rates) in typically developing students from kindergarten through high school. Under this research grant program, the Institute will fund research to (1) explore malleable factors¹ (e.g., children's skills, classroom management practices, professional development programs) that are associated with better social skills and behaviors that support academic learning, as well as mediators and moderators of the relations between these factors and student outcomes, for the purpose of identifying potential targets of intervention; (2) develop innovative programs and practices for improving social skills and behaviors that support academic learning; (3) evaluate fully developed programs and practices for improving social skills and behaviors that support academic learning through efficacy or replication trials; (4) evaluate the impact of programs and practices for improving social skills and behaviors that support academic learning that are implemented at scale; and (5) develop and validate measures of teacher classroom management practices and child social skills and behaviors that support learning in school.

[Funding Opportunities for the College of Sciences and the Batten College of Engineering and Technology:](#)

1. Informal Science Education (ISE)

Sponsor: National Science Foundation
Directorate for Education & Human Resources
Research on Learning in Formal and Informal Settings

Deadline: Preliminary Proposal Due Date(s) (required): June 24, 2010 except CRPA proposals

Full Proposal Deadline(s): November 18, 2010

Eligibility: For Communicating Research to Public Audiences projects ONLY: PI must hold an active NSF-funded research award in any NSF directorate or program.

Amount: Anticipated Funding Amount: \$25,000,000 in FY 2010; 40 Approximately 6 Research, 6 Pathways, 20 Full-Scale Development, 3 Broad Implementation, and 5 Communicating Research to Public Audiences awards will be made per year.

Web link: <http://www.nsf.gov/pubs/2009/nsf09553/nsf09553.htm>

Abstract: Funding is provided for projects that advance understanding of informal STEM learning, that develop and implement innovative strategies and resources for informal STEM education, and that build the national professional capacity for research, development, and practice in the field with five categories of ISE program grants: Research; Pathways; Full-Scale Development; Broad Implementation; and Communicating Research to Public Audiences.

2. Measurement Science and Engineering (MSE) Research Grants Programs

Sponsor: Department of Commerce, National Institute of Standards and Technology (NIST)

Deadline: Rolling. Applications received after June 1, 2009 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds.

Eligibility:

Public and State controlled institutions of higher education
Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education
Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education

Amount: \$5,000 - \$500,000

Web link:

<http://www.grants.gov/search/search.do;jsessionid=MxrfJvdcHbnS11LmyvCQGyjkhF6qkTlgsh3kMz4PN4QYPTlwP21!448014197?oppId=45413&flag2006=false&mode=VIEW>

Abstract: The National Institute of Standards and Technology (NIST) announces that the following programs are soliciting applications for financial assistance for FY 2009: (1) the Electronics and Electrical Engineering Laboratory Grants Program; (2) the Manufacturing Engineering Laboratory Grants Program; (3) the Chemical Science and Technology Laboratory Grants Program; (4) the Physics Laboratory Grants Program; (5) the Materials Science and Engineering Laboratory Grants Program; (6) the Building Research Grants and Cooperative Agreements Program; (7) the Fire Research Grants Program; (8) the Information Technology Laboratory Grants Program; (9) the NIST Center for Neutron Research Grants Program; and (10) Center for Nanoscale Science and Technology Grants Program. The funding instruments used in these programs will be grants and cooperative agreements, as appropriate. Where cooperative agreements are used, the nature of NIST's "substantial involvement" will generally be collaboration with the recipient by working jointly with a recipient scientist in carrying out the scope of work, or specifying direction or redirection of the scope of work due to inter-relationships with other projects requiring such cooperation. When a proposal for a multi-year award is approved, funding will generally be provided for only the first year of the program. The multi-year awards must have scopes of work that can be easily separated into annual increments of meaningful work that represent solid accomplishments if prospective funding is not made available to the applicant, (i.e., the scopes of work for each funding period must produce identifiable and meaningful results in and of themselves.) **It is strongly suggested to first confirm the program objectives with the Program Manager prior to preparing a detailed proposal.**

3. NIST Center for Neutron Research (NCNR) Grants Program

Sponsor: United States Department of Commerce (DOC) Technology Administration
National Institute of Standards and Technology (NIST,) Measurement, Science and Engineering
Research Grants

Deadline: Jun 29, 2010

Eligibility: Institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Amount: For FY 2009 individual awards are expected to range from approximately \$25,000 to \$100,000 per year. There is no cost sharing or matching requirement for the program.

Web link:

<http://www.grants.gov/search/search.do;jsessionid=4J7mJwQNI36Rz0F2BQkFkvvqhYPHDF1FRkg2m2vv0Jy89gSNjG73!-733028865?oppId=45413&flag2006=false&mode=VIEW>

Contact Name: Christopher Hunton, NIST **Grants** and Agreements Management Division
Phone: +1(301) 9755718, Email: christopher.hunton@nist.gov

Abstract: The NIST Center for Neutron Research (NCNR) Grants Program will provide grants and cooperative agreements for research involving neutron scattering and the development of innovative technologies that advance the state-of-the-art in neutron research.

Financial support may be provided for conferences, workshops, or other technical research meetings that are relevant to the mission of the NIST Center for Neutron Research. All proposals submitted to the NCNR Grants Program must be in accordance with the program objectives. These are to create novel approaches to advance high resolution cold and thermal neutron scattering research; to develop new applications of neutron scattering to physics, chemistry, and macromolecular and materials research; and to support the development of innovative technologies relevant to neutron research, including, for example, high resolution two-dimensional neutron detectors, neutron monochromators, and neutron focusing and polarizing devices.

4. Center for Nanoscale Science and Technology (CNST) Grants and Cooperative Agreements Program

Sponsor: United States Department of Commerce (DOC) Technology Administration
National Institute of Standards and Technology (NIST) Measurement, Science and Engineering Research Grants

Deadline: Continuous. Applications will be considered on a continuing basis. Applications received after June 1, 2009, may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. All applications, paper and electronic, must be received prior to the publication date in the Federal Register of the FY 2010 solicitation for the NIST Measurement, Science and Engineering Research Grants Programs in order to be processed under this solicitation

Eligibility: Institutions of higher education; hospitals; nonprofit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Amount: Individual awards are expected to range from approximately \$40,000 to \$150,000 per year. For the Center for Nanoscale and Science and Technology, proposals will be considered for research projects from one to five years.

Web link:

<http://www.grants.gov/search/search.do;jsessionid=MxrfJvvdchBnS11LmyvCQGvjkhF6qkTlgsh3kMz4PN4QYPTThwP21!448014197?oppId=45413&flag2006=false&mode=VIEW>

Contact Name: Christopher Hunton (*Contact for grants administration questions concerning this program*),

Phone: +1(301) 9755718, Email: christopher.hunton@nist.gov

Abstract: The primary program objectives of the financial assistance program in CNST are to develop new measurement methods, instrumentation, and standards for nanotechnology; and explore new areas of nanoscale science and technology in a variety of areas. Areas of interest include nanofabrication, nanomagnetism, theory and modeling, post complementary metal oxide semiconductor electronics, nano electro mechanical systems, nanomotion and nanomanipulation, merging length scales, 2-D and 3-D structural and chemical imaging, electrical and magnetic dynamical response of nanostructures, electrical characterization of nanostructures, and nanoscale properties of soft matter.

5. Creative IT

Sponsor: Directorate for Computer & Information Science & Engineering
Division of Information & Intelligent Systems
Division of Computer and Network Systems

Deadline: October 13, 2009

Eligibility: None Specified

Estimated Number of Awards: 15 to 20 awards

Anticipated Funding Amount: \$7,000,000 pending availability of funds

Web link: <http://www.nsf.gov/pubs/2009/nsf09572/nsf09572.htm>

Abstract: The Creative IT Program for projects that explore synergistic cross disciplinary research in creativity and computer science and information technology. The study of creativity and computing as a way to advance computer science and information technology, cognitive science, engineering, education, or science can lead to new models of creativity and creative computational processes, innovative approaches to education that encourage creativity, innovative modes of research that include creative professionals, and new technology to support human creativity.

6. Community-Based Marine Debris Prevention and Removal Project Grants

Sponsor: United States Department of Commerce (DOC) National Oceanic and Atmospheric Administration (NOAA) National Marine Fisheries Service (NMFS)

Deadline: Oct 31, 2009

Eligibility: Academic Institution
Commercial, Government, Nonprofit
Ph.D./M.D./Other Professional

Amount: Awards will range from \$15,000 to \$150,000. A 1:1 non-Federal match is encouraged, will be considered in the review process, but applicants with less than 1:1 match will not be disqualified.

Web link: <http://edocket.access.gpo.gov/2008/E8-15720.htm>

Abstract: The program provides funding to catalyze the implementation of locally driven, community-based marine debris prevention, assessment and removal projects that will benefit coastal habitat, waterways, and NOAA trust resources. Projects funded through the MDP have strong on-the-ground habitat components involving the removal of marine debris and derelict fishing gear, as well as activities that provide social benefits for people and their communities in addition to long-term ecological habitat improvements for NOAA trust resources.

Through this solicitation the MDP identifies marine debris prevention, assessment and removal projects, strengthens the development and implementation of habitat restoration through the removal of marine debris within communities, and fosters awareness of the effects of marine debris to further the conservation of living marine resource habitats across a wide geographic area. Proposals selected for funding through this solicitation will be implemented through a cooperative agreement. Funding of up to \$2,000,000 is expected to be available for Community-based Marine Debris Prevention and Removal Project Grants in FY 2009. The NOAA MDP anticipates that typical awards will range from \$15,000 to \$150,000.

7. Research Opportunities in Space and Earth Sciences (ROSES)

Sponsor: National Aeronautics and Space Administration (NASA)
Research Opportunities in Space and Earth Sciences (ROSES) - 2009

Deadline: Oct 31, 2009

Web link:

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={7A237BC8-9809-BB78-9C86-BB33ACF962C9}&path=open>

Abstract: This program for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA research programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. This ROSES NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to

- theory, modeling, and analysis of SMD science data;
- aircraft, stratospheric balloon, and suborbital rocket investigations;
- development of experiment techniques suitable for future SMD space missions;
- development of concepts for future SMD space missions;
- development of advanced technologies relevant to SMD missions;
- development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions;
- determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space;
- Earth surface observations and field campaigns that support SMD science missions;
- development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and
- development of applied information systems applicable to SMD objectives and data

8. Instrumentation for Materials Research (IMR) - NSF 07-600

Sponsor: National Science Foundation (NSF); Directorate for Mathematical and Physical Sciences (MPS); Division of Materials Research (DMR)

Deadline: January 14, 2010

Eligibility: Only one proposal can be submitted by a principal investigator

Amount: \$100,000

Link: <http://www.nsf.gov/pubs/2007/nsf07600/nsf07600.htm>

Contact Name: Charles Bouldin, Program Director; (703) 292-4920; cbouldin@nsf.gov

Abstract: The IMR Program supports the acquisition or development of research instruments that will provide new capability or advance current capability to discover fundamental phenomena in materials; synthesize, process, or characterize the composition, structure, properties, and performance of materials; and improve the quality, expand the scope, and foster and enable the integration of research and education in research-intensive environments.

9. Shared Instrumentation Grant Program (S10)

Sponsor: Department of Health and Human Services (HHS); National Institutes of Health (NIH); National Center for Research Resources (NCRR)

Deadline: March 23, 2010 (Anticipated)

Amount: \$100,000-\$500,000

Link: <http://grants.nih.gov/grants/guide/pa-files/PAR-09-028.html>

Contact Name: Ms. Jenelle D. Wiggins; (301) 435-0843; JWiggins@mail.nih.gov

Abstract: The NCRR Shared Instrumentation Grant (SIG) Program solicits applications from groups of NIH-supported investigators to purchase or upgrade commercially available instruments that cost at least \$100,000. Types of instruments supported include confocal and electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell sorters, X-ray diffraction systems, and NMR spectrometers among others.

10. Chemistry Research Instrumentation and Facilities: Instrument Development (CRIF:ID) - NSF 04-534

Sponsor: National Science Foundation (NSF); Directorate for Mathematical and Physical Sciences (MPS); Division of Chemistry (CHE); Chemistry Research Instrumentation and Facilities (CRIF)

Deadline: January 26, 2010 (Anticipated deadline)

Link: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6167

Contact Name: Carlos A. Murillo, Program Officer; (703) 292-4970; cmurillo@nsf.gov

Abstract: The CRIF Program is structured to enable the NSF's Division of Chemistry to respond to a variety of needs for infrastructure - instrumentation and facilities - that promotes basic research and education in areas traditionally supported by the division. The Instrument Development component of CRIF (CRIF: ID) provides funds for the design and construction of instruments that will enable new chemical measurements or will significantly broaden the use of chemical instrumentation.

Funding Opportunities for the College of Health Sciences:

1. Recovery Act Limited Competition: Academic Research Enhancement Award (R15)

Sponsor: NIH

Deadline: September 24, 2009 (due to ODURF Sept. 17, 2009)

Amount: \$300,000 in direct costs

Duration: 3 years

Program Announcement #: RFA-OD-09-007

Web Link: <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-007.html>

Abstract: The purpose of the Academic Research Enhancement Award (AREA) program is to stimulate research in educational institutions that provide baccalaureate or advanced degrees for a significant number of the Nation's research scientists, but that have not been major recipients of NIH support. These AREA grants create opportunities for scientists and institutions otherwise unlikely to participate extensively in NIH programs, to contribute to the Nation's biomedical and behavioral research effort. AREA grants are intended to support small-scale health-related research projects proposed by faculty members of eligible, domestic institutions.

2. Nutrition and Alcohol-Related Health Outcomes (R01)

Sponsor: NIH

Deadline: Oct 05, 2009, Feb 05, 2010, and Jun 05, 2010

Eligibility: Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed research as the PD/PI is invited to work with his/her organization to develop an application for support

Amount: Amount requested should be fitting of project

Alternative Mechanisms: R21, R03

Web link: <http://grants1.nih.gov/grants/guide/pa-files/PA-07-403.html>

Abstract: This Funding Opportunity Announcement (FOA) issued by the National Institute of Alcohol Abuse and Alcoholism, National Cancer Institute and Office of Dietary Supplements, National Institutes of Health, solicits Research Grant (R01) applications from institutions/organizations that propose to examine associations between nutrition and alcohol-related health outcomes in humans and animal models. The goal of this program announcement is to stimulate a broad range of research on the role of nutrition in the development, prevention, and treatment of a variety of alcohol-related health outcomes including alcohol dependence and psychiatric co-morbidities, chronic and acute diseases, and organ function and damage. Study designs may include biomedical research, epidemiologic approaches, and intervention studies.

3. Outcomes, Cost-Effectiveness and the Decision Making Process to Use Complementary and Alternative Medicine (R01)

Sponsor: NIH

Deadline: May 19, 2010

Eligibility: Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed research as the PD/PI is invited to work with his/her organization to develop an application for support

Amount: Amount requested should be fitting of the proposed project.

Web link: <http://grants1.nih.gov/grants/guide/pa-files/PAR-08-045.html>

Abstract: The National Center for Complementary and Alternative Medicine (NCCAM) and the National Cancer Institute (NCI) invite applications for funding of observational studies evaluating the effectiveness and cost-effectiveness of complementary and alternative medicine (CAM) approaches as used in the community, and studies of the decision processes employed by patients and providers in deciding to use CAM. Such studies will provide health care providers, patients, and policy makers with additional information on which to base decisions concerning the incorporation of CAM into an integrated healthcare system.

This program encourages studies of how CAM therapies function in actual healthcare settings, where patients may have multiple problems and utilize multiple therapies, both CAM and conventional. This FOA emphasizes observational studies and secondary data analyses evaluating the use of CAM in real-world settings. Examples of the types of projects this initiative could support include case-control studies, retrospective observational studies, secondary analyses of existing data, and prospective observational studies. Projects in which the investigators assign participants to specific therapies (CAM or conventional) or groups of therapies (CAM or conventional) are not allowed under this FOA.

Types of research that would be considered appropriate for this FOA include outcomes research, cost-effectiveness studies, and the decision process in choosing to use CAM.

4. Diet-Induced Changes in Inflammation as Determinants of Colon Cancer (R21)

Sponsor: NIH

Deadline: Oct 16, 2009, Feb 16, 2010, and Jun 16, 2010

Eligibility: Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed research as the PD/PI is invited to work with his/her organization to develop an application for support

Alternative Mechanism: R01

Amount: up to \$275,000 over a two year period

Web Link: <http://grants.nih.gov/grants/guide/pa-files/PA-08-211.html>

Abstract: This Funding Opportunity Announcement (FOA), issued by the National Cancer Institute (NCI), is designed to promote research on the mechanistic links connecting diet, inflammation, and colon cancer. Applications submitted in response to this FOA should be focused on the identification and characterization of diet-induced changes in inflammation linked to colon cancer risks. Of particular interest are research efforts that will lead to the identification and characterization of (1) diet-induced changes in anti- and pro-inflammatory mediators that modulate colon cancer risk; (2) genetic polymorphisms that modify the responses to specific bioactive food components with regard to colon cancer inhibition; and (3) the physiological effectiveness of dietary components in terms of concentration, activity, duration of exposure, degrees of stability, chemical forms, and receptor-binding affinity in inflammatory colonocytes.

The overarching goal of this FOA is to encourage innovative research that will both identify and characterize diet-induced changes in inflammation, which are linked with altered risks for colon cancer. This FOA is not intended to support epidemiological studies.

5. Centers of Cancer Nanotechnology Excellence (CCNEs)(U54)

Sponsor: NIH

Deadline: October 14, 2009 (due to ODURF Oct. 7, 2009)

Amount: \$3.2 Million total costs

Duration: 5 years

Program Announcement #: RFA-CA-09-012

Web Link: <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-09-012.html>

Abstract: This Funding Opportunity Announcement (FOA), issued by the National Cancer Institute (NCI) solicits grant applications to establish a collaborative network of Centers for Cancer Nanotechnology Excellence (CCNEs) within the NCI Alliance for Nanotechnology in Cancer (The Alliance) program (<http://nano.cancer.gov>). CCNEs are designed to link physical scientists, engineers, and technologists working at the nanoscale with cancer biologists and oncologists specializing in the diagnosis, prevention, and treatment of cancer to enable multi-disciplinary team research. CCNE awards will support the development of techniques and tools based on nanotechnology and applicable to: early disease diagnosis using in vitro assays and devices and in vivo imaging techniques; multifunctional therapeutic solutions; and techniques for cancer prevention and control. Multi-disciplinary research teams to be established should collectively have the breadth of expertise that would allow them to: (a) identify innovative research approaches and (b) demonstrate the translational potential of the technological solution in oncology. The overall goal is a rapid advance of nanotechnology discoveries and their transformation into cancer-relevant applications with a potential clinical utility. Other mechanisms are available.

6. Bioenergetics, Fatigability, and Activity Limitations in Aging (R01)

Sponsor: NIH

Deadline: recurring through Sept. 2012 – Feb. 5, June 5, Oct. 5

Amount: Amount requested should be fitting of project

Duration: 5 years

Program Announcement: PA-09-190

Web Link: <http://grants.nih.gov/grants/guide/pa-files/PA-09-190.html>

Abstract: This announcement encourages Research Project Grant (R01) applications proposing to study bioenergetic factors underlying increased fatigability and activity limitations in aging. Increased fatigability is a significant cause of restricted physical and cognitive activity in older adults. Alterations in bioenergetics—the production and utilization of energy, and the regulation of these processes—may contribute significantly to increased fatigability. This FOA encourages applications that propose to 1) elucidate specific alterations in bioenergetics related to increased fatigability and activity limitations; 2) develop and evaluate improved measures of fatigability related to bioenergetics; 3) evaluate interventions for increased fatigability and activity limitations that target alterations in bioenergetics and lead to improved quality of life. The R03 and R21 are also available mechanisms.

7. Academic-Community Partnership Conference Series (U13)

Sponsor: NIH

Deadline: recurring – LOI: Feb. 2, 2010; Feb. 2, 2011; Application: March 2, 2010; March 2, 2011

Amount: \$30,000 per year, indirect not allowed

Duration: 3 years

Program Announcement #: PAR-09-092

Web Link: <http://grants.nih.gov/grants/guide/pa-files/PAR-09-092.html>

Abstract: This announcement solicits NICHD Cooperative Agreement Conference (U13) applications to conduct health disparities-related meetings, workshops, and symposia. The objectives of these meetings will be to establish academic-community partnerships, identify community-research priorities, and develop long-term collaborative agendas. Areas of focus for these partnerships may include one or more of the following community-health issues infant mortality; sudden infant death syndrome (SIDS); violence prevention; techniques for outreach and information dissemination; childhood, adolescent, and/or adult obesity; health literacy; uterine fibroid tumors; and pediatric and maternal HIV/AIDS prevention.

8. Thrasher Research Fund

Target: entire college (research focus on pediatrics)

Deadline: Rolling

Amount: \$150k - \$300k

Duration: 3 years

Web Link:

http://www.thrasherresearch.org/sites/www_thrasherresearch_org/Default.aspx?page=0

Abstract: Consistent with the original intent of the donor, Mr. E.W. "Al" Thrasher, the Thrasher Research Fund provides grants for pediatric medical research. Because significant solutions for many children's health problems remain undiscovered, the Fund invites a broad array of applications. The Thrasher Research Fund seeks to foster an environment of creativity and discovery aimed at finding solutions to children's health problems. The Fund awards grants for research that offers substantial promise for meaningful advances in prevention and treatment of children's diseases, particularly research that offers broad-based applications.

9. The Commonwealth Health Research Board

Target: entire college

Deadline: concept papers: Oct. 1, 2009; grant proposals: Feb. 1, 2010

Duration: The maximum amount of a one-year award is \$100,000. The maximum amount for a two-year award is \$200,000.

Web Link: <http://www.chrb.org/Guidelines%20&%20Forms.htm>

Abstract: This program focusing on traditional medical and biomedical research related to the causes and cures of human diseases as well as research related to human health services and the delivery of human health care should maximize the health of Virginia's citizens.

More specifically, in accordance with § 23-279 of the *Code of Virginia*, the Board encourages collaborative research efforts among two or more institutions or organizations, gives priority to those research efforts where Board support can be leveraged to foster contributions from federal agencies or other entities, and supports both new research efforts and the expansion or continuation of existing research efforts.