

Inside this issue:

Funding opportunities for the College of Sciences and the Batten College of Engineering and Technology	p.1-4
Funding opportunities for the College of Health Sciences	p.5-7
Funding opportunities for the College of Arts and Letters	p.7-10
Funding opportunities for the Darden College of Education	p.10-11

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

1. **Title: Advanced Accelerator Research and Development (AARD)**

Sponsor: United States Department of Energy (DOE); Office of Science; Division of High Energy Physics

Deadline: September 30, 2009

Amount: It is anticipated that approximately \$400 million will be available for grant and cooperative agreement awards in FY 2009.

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

Contact: (301) 903-5228

Abstract: The goal is to enable forefront research and development in those aspects of accelerator and detector technology that have a strong potential to advance the capabilities of High Energy Physics research. Topics studied in the accelerator science program include, but are not limited to, analytic and computational techniques for modeling particle beams; novel acceleration concepts; muon colliders and neutrino factories; the science of high gradients in room-temperature accelerating cavities; high-brightness beam sources; and cutting-edge beam diagnostic techniques. Topics studied in the detector development program include, but are not limited to, low-mass, high channel density charged particle tracking detectors; high resolution, fast-readout calorimeters and particle identification detectors; improving the radiation tolerance of particle detectors; and advanced electronics and data acquisition systems.

2. **Title: 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

Web 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.

3. **Title: 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

Web 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.

4. **Title: Recovery Act Limited Competition: Core Facility Renovation, Repair, and Improvement (G20) (ARRA, Recovery Act)**

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

Deadline: September 17, 2009

Eligibility: Each institution is expected to submit no more than two applications under this FOA.

Amount: Direct costs between \$1 and \$10 million may be requested.

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

Contact Name: Irene Grissom; (301) 435-0836; grissomi@mail.nih.gov

Abstract: This Funding Opportunity Announcement (FOA) solicits applications from institutions that propose to renovate, repair, or improve core facilities. The major objective of this FOA is to upgrade core facilities to support the conduct of Public Health Service-supported biomedical or behavioral research. Support can be requested to alter and renovate the core facility as well as to improve the general equipment in the core facility or to purchase general equipment for specialized groups of researchers.

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

Sponsor: Department of Health and Human Services (HHS); National Institutes of Health (NIH)

Deadline: September 24, 2009

Amount: \$300,000

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

Contact Name: Denise Russo, Ph.D.; (301) 451-7972; R151@mail.nih.gov

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. AREA grants are intended to support small-scale, health-related research projects proposed by faculty members of eligible, domestic institutions.

6. Title: ARO Defense University Research Instrumentation Program (DURIP) - AFOSR-BAA-2008-5

Sponsor: United States Department of Defense (DOD); Department of the Army; Army Research Office (ARO); Defense University Research Instrumentation Program (DURIP)

Deadline: August 26, 2009 (Anticipated deadline)

Amount: \$50,000 to \$1,000,000

Web Link: <http://www.arl.army.mil/www/default.cfm?Action=6&Page=8>

Contact Name: Army DURIP Program Manager; (919) 549-4234; aror.durip@us.army.mil

Abstract: DURIP is a multi-agency DOD program within the University Research Initiative designed to improve the capabilities of U.S. institutions of higher education to conduct research and to educate scientists and engineers in areas important to national defense by providing funds for the acquisition of research equipment. Research areas of interest to the ARO include the following:

1. Mechanical sciences
2. Environmental sciences
3. Mathematical sciences
4. Electronics
5. Computing and information sciences
6. Physics
7. Chemistry
8. Life sciences
9. Materials science.

DURIP funds will be used for the acquisition of major equipment to augment current or develop new research capabilities to support research in the technical areas of interest to the sponsoring agencies.

7. Title: Biomedical Engineering (BME) Program

Sponsor: National Science Foundation (NSF); Directorate for Engineering (ENG); Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET); Biomedical Engineering and Engineering Healthcare

Deadline: September 15, 2009

Web Link: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501023&org=CBET

Contact Name: Semahat S. Demir, Program Director; (703) 292-7950; sdemir@nsf.gov

Abstract: The BME's program supports fundamental, transformative, and discovery researches applied to biological systems. The program supports projects in the following BME themes:

1. Neural engineering (brain science, computational neuroscience, neurotech, cognitive engineering),
2. Computational modeling, multi-scale modeling, biocomplexity,
3. Cardio/pulmonary systems engineering,
4. Gene and drug delivery systems,
5. Cellular and tissue engineering (cellular biomechanics, genetically engineered stem cell differentiation with long-term impact in tissue repair and regenerative medicine),
6. Biomaterials and biomimetics

Projects submitted to the BME program must advance both engineering and life sciences and be at the interface of engineering and life sciences

8. Title: 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)

Web 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. Title: 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. Title: 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.

3. **Title: Bioenergetics, Fatigability, and Activity Limitations in Aging (R01)**

Sponsor: NIH

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

Amount: Generally 250-500k per year

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.

4. **Title: 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.

Foundation Grants:

5. **Title: 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.

Funding Opportunities for the College of Arts and Letters

1. **Title: LITERATURE: Access to Artistic Excellence**

Sponsor: National Endowment for the Arts (NEA)

Deadline: August 13, 2009

Amount: From \$5,000 – \$150,000, depending on the scope of the project.

Web Link(s): <http://www.nea.gov/grants/apply/GAP10/LitAAE.html>
<http://www.nea.gov/grants/apply/GAP10/GrantProgDescrip.html>

Contact: Literature Specialist: stollsa@arts.gov or 202/682-5771

Abstract: This program supports artistic creativity, preserves our diverse cultural heritage, and makes the arts more widely available in communities throughout the country.

A.) Audience Development

Support is available for projects that include but are not limited to:

- Residencies and readings;
- Touring of writers;
- Efforts to provide increased community access and audience exposure to literature and the craft of writing;
- Media projects that promote literature;
- Literary festivals;
- Distribution of works of literary value;

B.) Professional Development

Support is available for projects that include but are not limited to:

- Services for writers;
- Opportunities for writers to create and refine their work;
- Mentorship opportunities for emerging writers and literary professionals;
- Technical support for literary organizations;
- Workshops, conferences, and publications that provide professional and artistic development, networks, and other services to writers and literary organizations.

2. Title: 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.

3. Title: 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

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

4. **Title: 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.

5. **Title: After Prison Initiative**

Sponsors: Soros Foundation, Open Society Institute - New York Center on Crime, Communities and Culture

Deadline: August 1, 2009

Amount: Not stated, but previously funded project budgets range from \$40,000 - \$450,000.

Web Link(s): http://www.soros.org/initiatives/usprograms/focus/justice/programs/after_prison/guidelines

Abstract: This initiative supports projects and curriculum development that reorient the mission and resources of criminal justice and prison systems to maximize successful reentry and minimize incarceration; strengthen civil society institutions and infrastructure in high-impact communities; promote civic and political inclusion and re-enfranchisement; and rethink crime and punishment and promote a progressive vision of justice for the twenty-first century.

The program provides funding for projects that address one or more of the above focus areas and strategies through at least one of the following tactics:

1. Policy advocacy
2. Coalition-building
3. Community organizing
4. Public education
5. Impact litigation
6. Policy-driven research and analysis

Funding Opportunities for the Darden College of Education:

1. Title: AERA Research Grants Program

Sponsor: American Educational Research Association (AERA), with support from the National Science Foundation (NSF) and the National Center for Education Statistics (NCES) of the Institute of Education Sciences

Deadline: September 1, 2009 (tentative date)

Amount: Up to \$20,000 for 1-year projects, or up to \$35,000 for 2-year projects.

Web Link(s): http://www.aera.net/grantsprogram/res_training/res_grants/RGFly.html

Contact: Program Director: Jeanie Murdock; Phone: (805) 964-5264; Email: jmurdock@aera.net

Abstract: AERA invites education policy- and practice-related research proposals using NCES, NSF, and other national data bases. Research topics may cover a wide range of policy- or practice-related issues that include but are not limited to, science and mathematics education; the supply (pipeline) of students taking mathematics and science courses; teachers and teaching, including supply, quality, and demand; policies and practices related to student achievement and assessment; policies and practices that influence student and parental attitudes; contextual factors (individual, curricular, and school related) in education; educational participation and persistence (kindergarten through career entry); at-risk students; early childhood education; US education in an international context; school finance; the quality of educational institutions; and methodological studies. *Researchers must include the analysis of data from at least one NSF or NCES data set in the project.* Additional large-scale nationally representative data sets may be used in conjunction with the obligatory NSF or NCES data set. If international data sets are used, the study must include U.S. education.

2. Title: 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

Link(s): 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.

3. Title: Education Research Grant Programs

Sponsors: United States Department of Education (ED)
Institute of Education Sciences (IES)
National Center for Education Research

Deadline: Letter of Intent: August 3, 2009
Application due: October 1, 2009

Amount: Varies depending on the scope of the project

Web Link(s): http://ies.ed.gov/funding/ncer_progs.asp

Abstract: This is a highly competitive program. The central purpose of the Institute's research grant programs is to provide parents, educators, students, researchers, policymakers, and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all students. NCER will consider only applications that address one of the following education research topics:

- Reading and Writing
- Mathematics and Science Education
- Cognition and Student Learning
- Teacher Quality--Reading and Writing
- Teacher Quality--Mathematics and Science Education
- Social and Behavioral Context for Academic Learning
- Education Leadership
- Education Policy, Finance, and Systems
- Early Childhood Programs and Policies
- Middle and High School Reform
- Interventions for Struggling Adolescent and Adult Readers and Writers
- English Language Learners
- Postsecondary Education
- Education Technology