UPCOMING EVENTS

April 12, 13  Introduction to Electronic Applications and Routing in Cayuse
April 27  Introduction to Responsible Conduct of Research
May 3, 4  Introduction to NIH Research Plans
May 10, 11  Introduction to NSF Project Narratives

To register for a workshop, contact Raisa DeJesus at extension 8107 or raisa.dejesus1@lehman.cuny.edu.

FINDING FUNDING

Recovery Act Limited Competition: The NIH Directors ARRA Funded Pathfinder Award to Promote Diversity in the Scientific Workforce (DP4)
National Institutes of Health
Due May 4
The NIH recognizes a unique and compelling need to promote diversity in the biomedical, behavioral, clinical and social sciences research workforce. This new FOA introduces a new research grant program to encourage exceptionally creative individual scientists to develop highly innovative and possibly transforming approaches for promoting diversity within the biomedical research workforce. To be considered highly innovative, the proposed research must reflect ideas substantially different from those already being pursued or it must apply existing research designs in new and innovative ways to unambiguously identify factors that will improve the retention of students, postdocs and faculty from diverse backgrounds.

NEA Challenge America Fast-Track, FY 2011
National Endowment for the Arts
Due May 27
The Challenge America Fast-Track category offers support primarily to small and mid-sized organizations for projects that extend the reach of the arts to underserved populations -- those whose opportunities to experience the arts are limited by geography, ethnicity, economics, or disability. Age alone (e.g., youth, seniors) does not qualify a group as underserved; at least one of the underserved characteristics noted here also must be present. This category, as an essential component of the Arts Endowment’s goal of providing wide access to artistic excellence, supports local projects that can have significant effects within communities. Grants are available for professional arts programming and for projects that emphasize the potential of the arts in community development. Partnerships can be valuable to the success of these projects.

Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics
National Science Foundation
Due May 26
The Transforming Undergraduate Education in Science, Technology, Engineering, and Mathematics (TUES) program seeks to improve the quality of science, technology, engineering, and mathematics (STEM) education for all undergraduate students. This solicitation especially encourages projects that have the potential to transform undergraduate STEM education, for example, by bringing about widespread adoption of classroom practices that embody understanding of how students learn most effectively. Thus transferability and dissemination are critical aspects for projects.
developing instructional materials and methods and should be considered throughout the project’s lifetime. More advanced projects should involve efforts to facilitate adaptation at other sites. The program supports efforts to create, adapt, and disseminate new learning materials and teaching strategies to reflect advances both in STEM disciplines and in what is known about teaching and learning. It funds projects that develop faculty expertise, implement educational innovations, assess learning and evaluate innovations, prepare K-12 teachers, or conduct research on STEM teaching and learning. It also supports projects that further the work of the program itself, for example, synthesis and dissemination of findings across the program. The program supports projects representing different stages of development, ranging from small, exploratory investigations to large, comprehensive projects.

Fellowships
National Endowment for Humanities
http://www.neh.gov/grants/guidelines/fellowships.html
Due May 4
Fellowships 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, and other scholarly tools. Fellowships support continuous full-time work for a period of six to twelve months.

Research Planning Grants To Support Application of Behavioral Economics in USDA’s Child Nutrition Programs
United States Department of Agriculture
Due May 17
The Food Assistance and Nutrition Research Program (FANRP) of USDA’s Economic Research Service (ERS) and the USDA’s Food and Nutrition Service (FNS) announce the availability of funds and a request for applications for planning grants to promote new research in methods to improve children’s eating habits through USDA’s child nutrition programs. The planning grants will focus on developing research capacity in behavioral economic strategies and interventions that can be applied to child nutrition programs to improve children’s food choices and reduce the prevalence of obesity. The activities that the planning grants will support include fostering research relationships between researchers and State or local implementing agencies, testing concepts and methods in small-scale pilots, developing and testing data collection methodologies, and sponsoring workshops to improve understanding of an understudied aspect of the application of behavioral economics to child nutrition programs. FANRP will accept proposals under this program for funding levels of up to $30,000 for a period not to exceed 15 months.

American Competitiveness in Chemistry-Fellowship (ACC-F)
National Science Foundation
Due May 6
The American Competitiveness in Chemistry-Fellowship program is a program to support postdoctoral associates in chemistry. It seeks to (1) build ties between academic and industrial, and/or national laboratory, and/or Chemistry Division-funded center researchers (partners) and (2) involve beginning scientists in efforts to broaden participation in chemistry. Fellows will pursue research with industrial, and/or national laboratory, and/or Chemistry Division-funded center partners that will enrich their in-house research program. In addition, fellows will develop and implement their own plans for broadening participation in the chemical sciences.

New York Community Trust
www.nycommunitytrust.org
Priority given to applications for projects having particular significance for the New York City area. Programmatic interests include: Children, Youth, & Families, Community Development and the Environment, Education, Arts and the Humanities, and Health and People with Special Needs.

Broadening Participation in Computing (BPC)
National Science Foundation
Due Date: May 12
The Broadening Participation in Computing (BPC) program aims to significantly increase the number of U.S. citizens and permanent residents receiving post secondary degrees in the computing disciplines, with an emphasis on students from communities with longstanding underrepresentation in computing. Those underrepresented groups are women, persons with disabilities, African Americans, Hispanics, American Indians, Alaska Natives, Native Hawaiians, and Pacific Islanders. The BPC program seeks to engage the computing community to develop and implement innovative methods, frameworks, and strategies to improve recruitment and retention of these students through undergraduate and graduate degrees. Projects that target stages of the academic pipeline from middle school through the early faculty ranks are welcome. New with this solicitation is the emphasis on national impact: All BPC projects must have the potential for widespread impact. That is, they should either develop an effective practice that could be widely deployed or they should deploy existing effective practices so as to reach larger audiences.

The Kresge Foundation
http://www.kresge.org/index.php/who/index/
The Kresge Foundation awards grants to small, mid-size, and large nonprofit organizations in six fields of interest: health, the environment, community development, arts and culture, education, and human services. Working with grantees, Kresge endeavors to improve the life circumstances and opportunities for poor, disadvantaged and marginalized individuals, families, and communities. Kresge evaluates grant requests on the basis of how closely an organization’s mission, programs and community outcomes align with and advance their values criteria.

MARC Undergraduate Student Training in Academic Research (U-STAR) National Research Service Award (NRSA) Institutional Research Training Grant (T34)
National Institutes of Health
Due May 25
The National Institute of General Medical Sciences (NIGMS) will award Minority Access to Research Careers (MARC) Undergraduate Student Training in Academic Research (U-STAR) National Research Service Act (NRSA) Training grants to eligible institutions as a means of supporting undergraduate academic and research training to help ensure that a diverse and highly trained workforce is available to assume leadership roles related to the Nations biomedical and behavioral research agenda. The MARC U-STAR program is designed to have a significant impact on the health-related research needs of the Nation by providing support to students underrepresented in the biomedical and behavioral sciences and improving their preparation for highly selective Ph.D. level training and future careers. The program supports efforts to strengthen the science/math course curricula, pedagogical skills of faculty, and biomedical research training at institutions with significant enrollments of students from underrepresented groups.

International Research and Education: Planning Visits and Workshops
National Science Foundation
Due May 20
This solicitation describes International Planning Visit/Workshop awards to support the early phases of developing and coordinating a research and education activity with a foreign partner(s).

Research on Statistical and Research Methodology in Education
US Department of Education
Due June 24
The intent of these grants is to provide national leadership in expanding fundamental knowledge and understanding of education from early childhood education through postsecondary and adult education. 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. In carrying out its grant programs, the
Institute provides support for programs of research in areas of demonstrated national need.

**The Dana Foundation**
www.dana.org
Principal interests are in education and health, particularly neuroscience and immunology. Program areas include Education and Science & Health.

**DOD, NDEP, DOTC-STEM Education Outreach Implementation Grant**
Dept of the Army -- Materiel Command
Due April 20
The purpose of this federal funding opportunity is to obtain support for the management, development, and furthering of new and existing partnerships between the Department of Defense, National Defense Education Program, and Defense Ordnance Technology Consortium, for Science, Technology, Engineering, and Mathematics education and other outreach organizations, professional societies, and local education activities. The scope of any resultant grant will cover all 50 states, U.S. territories, and DoDEA schools.

**Faculty Early Career Development (CAREER) Program National Science Foundation**
Due July 20-22
CAREER: The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from junior faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

**Carnegie Corporation of New York**
www.carnegie.org
As a grantmaking foundation, Carnegie Corporation of New York seeks to carry out Andrew Carnegie's vision of philanthropy, which he said should aim 'to do real and permanent good in this world.' Currently the foundation's work is focused in two integrated programs: the National Program, which includes support for education (K-16) and pathways to citizenship; and the International Program, which addresses international peace and security issues.

**Research Experiences for Undergraduates**
National Science Foundation
Due June 4
The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department, or on interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. A partnership with the Department of Defense supports REU Sites in DoD-relevant research areas. (2) REU Supplements may be requested for ongoing NSF-funded research projects or may be included as a component of proposals for new or renewal NSF grants or cooperative agreements.

**NCMHD Advances in Health Disparities Research on Social Determinants of Health (RO1)**
National Institutes of Health
Letter of Intent Receipt Date: April 17,2010
Due May 17
The overarching goal of this FOA is to encourage groundbreaking research addressing the social determinants of health and health disparities. It demonstrates the NCMHD portfolio priority area of interest for ongoing research intervention and information dissemination on the social determinants of health through translational, and transdisciplinary research approaches. The intent of this funding opportunity is to intensify investigator-initiated research, to attract new investigators to the field, and to encourage transdisciplinary research that will advance health disparities science.

Ethics in Science, Mathematics, and Engineering Online Resource Center
National Science Foundation
Due June 3
The Ethics in Science, Mathematics, and Engineering Online Resource Center competition proposes to fund one award to support a multidisciplinary team of researchers who will create an online resource center that develops, compiles, and maintains resources related to ethics in science, mathematics, and engineering. The research team's focus will be to gather existing information, generate new knowledge, and create interactive tools that will help scientists and engineers incorporate ethical issues and reasoning into their pedagogy and research. The online resource center should be creative, comprehensive, accessible, and constantly evolving. Thus, it should incorporate strategies and techniques to keep the Ethics in Science, Mathematics, and Engineering center relevant and up to date. Engineering, mathematics, and science refers to all of the fields that NSF supports; this includes the social sciences.

Fostering Interdisciplinary Research on Education (FIRE)
National Science Foundation
Due May 20
FIRE is a new strand of the Research and Evaluation on Education in Science and Engineering (REESE) program (NSF 09-601) and it is anticipated that after this first competition, FIRE will be incorporated into the REESE solicitation. The FIRE program seeks to facilitate the process by which scholars can cross disciplinary boundaries to acquire the skills and knowledge that would improve their abilities to conduct rigorous research on STEM learning and education. The primary goal of the strand is to facilitate the development of innovative theoretical, methodological, and analytic approaches to understanding complex STEM education issues of national importance and, by so doing, make progress toward solving them. A secondary goal of the strand is to broaden and deepen the pool of investigators engaged in STEM educational research. In order to address this goal, investigators must pair with a mentoring scientist in a to-be-learned field of interest. Proposals therefore have both a research and a professional development component. Investigators may apply at any point in their post-graduate careers.

The Samuel H. Kress Foundation
The Samuel H. Kress Foundation invites grant applications for projects that illuminate European works of art and architecture from antiquity to the early 19th century.

Strategies and Tools for Archives and Historical Publishing Projects
The National Archives
Due June 3
The National Historical Publications and Records Commission (NHPRC), a part of the National Archives and Records Administration (NARA), supports projects that promote the preservation and use of America's documentary heritage essential to understanding our democracy, history, and culture. The Commission seeks proposals to develop new strategies and tools that can improve the preservation, public discovery, or use of historical records. Projects may also focus on techniques and tools that will improve the professional performance and effectiveness of those who work with such records, such as archivists, documentary editors, and records managers. Projects must anticipate results that will affect more than a single institution or a single state. If your project is focused on a single state, the
The proposal narrative must explain why the State Historical Records Advisory Board in your state cannot manage the proposed project.

**Computer Science Study Group**

Defense Advanced Research Projects Agency  
http://www.darpa.mil/dso/solicitations/ra09-49.htm  
Due June 25

DARPA seeks junior faculty with research interest in computer science, to serve as Principal Investigators to explore novel ideas that lead to fundamental technological advances that benefit the US Department of Defense. The opportunity is for Phase I of the Computer Science Study Group (CSSG), which is a multi-phase developmental and research program.

**The Mellon Foundation**

www.mellon.org

Grants on a selective basis for higher education; cultural affairs, including the humanities, museums, art conservation, and performing arts; conservation and the environment; and public affairs.

**Professional Development Grants for Archives and Historical Publishing**

The National Archives  
Due June 3

The National Historical Publications and Records Commission (NHPRC), a part of the National Archives and Records Administration (NARA), supports projects that promote the preservation and use of America's documentary heritage essential to understanding our democracy, history, and culture. The Commission seeks proposals that will increase the capacity of archival repositories to create electronic records archives that preserve records of enduring historical value. The NHPRC supports efforts by archivists and records managers to meet the challenges of electronic records. Projects must involve institutions that have already established archives and records management programs. We seek applications for start-up or collaborative projects: 1. Start-up projects: Develop the capacity of institutions to prepare to capture and preserve electronic records, through program planning; OR 2. Collaborative projects: Establish and/or improve electronic records archives by engaging in effective and innovative collaborations. Most electronic records archives depend upon collaboration among archivists, record managers, and information technology specialists. Only a few organizations have all the required expertise, making training, collaboration and recruitment of new personnel essential components of electronic records archives. We strongly encourage applicants to include professional development components necessary for the success of the project.
These may consist of basic or advanced electronic records and digital preservation training for archives staff, agency records managers, high level administrators, information technologists, and others.

**Software Infrastructure for Sustained Innovation, SSI and SSE**
National Science Foundation
Letter of Intent Due May 10
Full Proposal Due June 14
Scientific Software Elements (SSE): SSE awards target small groups that will create and deploy robust software elements for which there is a demonstrated need, encapsulating innovation in science and engineering. The effort targeted by a SSE award is up to a level roughly comparable to: summer support for two investigators with complementary expertise; two graduate students; and their collective research needs (e.g. materials, supplies, travel) for three years.

Scientific Software Integration (SSI): SSI awards target larger groups of PIs organized around common research problems as well as common software infrastructure, and will result in a sustainable community software framework. The effort targeted by a SSI award is up to a level roughly comparable to: summer support for three to four investigators with complementary expertise; three to four graduate students; one or two senior personnel (including post-doctoral researchers, software developers, and staff); and their collective research needs (e.g., materials, supplies, travel) for three to five years. The integrative contributions of the SSI team should clearly be greater than the sum of the contributions of each individual member of the team.

**Support of Competitive Research (SCORE)**
Research Advancement Award (SC1), PAR-08-026
Pilot Project Award (SC2), PAR-08-027
Research Continuance Award (SC3), PAR-08-028
National Institutes of Health
Due May 25
To increase the research competitiveness of faculty at minority-serving institutions and the institution’s faculty research capabilities. SC1: for faculty who are at the most advanced formative stages of their research career (engaged in state-of-the-art biomedical or behavioral research and are productive) who have not yet had significant non-SCORE support and are planning to transition to other major external sources of support. SC2: pilot research for faculty members who are in their early stages of development and are seeking to gather preliminary data. SC3: Individual investigator-initiated research continuance award for faculty members at intermediate formative stages who seek to improve their scholarly development by engaging in research projects of limited scope and publishing in a given biomedical/behavioral area limited to the NIH mission.

**Fellowships for Transformative Computational Science using CyberInfrastructure**
National Science Foundation
Due June 21
The overarching goal of the NSF Fellowships for Transformative Computational Science using Cyberinfrastructure (CI TRaCS) program is to support outstanding scientists and engineers who have recently completed doctoral studies and are interested in pursuing postdoctoral activities in computational science, and thereby nurturing the future leaders in this emerging and important multidisciplinary field.

Computational research and education activities that are cyberinfrastrucure-based and cross disciplinary boundaries are a key focus of this program. Successful Fellows may, for example, use cyberinfrastructure to make revolutionary advances in their disciplines, and/or deploy cyberinfrastructure-based technologies that enable innovative computational practices.

**Undergraduate Research and Mentoring in the Biological Sciences (URM)**
National Science Foundation
Due April 26
The goal of the Undergraduate Research and Mentoring in the Biological Sciences (URM) program is to increase the number and diversity of individuals pursuing graduate studies in all areas of biological research supported by the NSF Directorate for Biological Sciences. Support will be provided to academic institutions to establish innovative programs to engage undergraduates in a year-round research and mentoring activity. Particular emphasis will be placed on broadening participation of members of groups historically underrepresented in science and engineering: African Americans, Alaska Natives, American Indians, Hispanic Americans, Native Pacific Islanders, and persons with disabilities.

GE Foundation
www.gefoundation.com
The foundation supports programs designed to promote education; the environment; disaster relief; human services; public policy; and community success around the globe.

National STEM Education Distributed Learning
National Science Foundation
Optional LOI Due April 24
Full Proposal Due May 25
This program aims to establish a national network of learning environments and resources for science, technology, engineering, and mathematics (STEM) education at all levels. The program has four tracks: Pathways projects are expected to provide stewardship for the content and services needed by major communities of learners; Pathways II projects are expected to move beyond the major stewardship goals and use Stage II support to ensure the expansion and stability of an original Pathways effort; Services projects are expected to develop services that support users and resource collection providers by enhancing the impact, efficiency, and value of the NSDL network; and Targeted Research will focus on investigating the educational impact of networked digital resources.

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