RESEARCH INSIDER

The Office of Research Administration is proud to present this introductory issue of the Research Insider Newsletter. This bi-annual newsletter will cover various aspects of the grant process from finding grant opportunities to managing the award. Newsletter topics will include funding opportunities, clarifying grant mechanisms, workshops and seminars, highlights of Hunter College researchers and other relevant topics.

We hope you find the information in the newsletter useful.

Hunter College
Office of Research Administration

Inside this Issue

This section highlights the work of a grant-funded Hunter College faculty member.

Principal Investigator: Dr. Sherryl Browne Graves

Project Title: Mathematics and Science Teacher Education Residency (MASTER)

Funding Agency: National Science Foundation

The Mathematics and Science Teacher Education Residency (MASTER), is a teacher residency program designed to provide teacher candidates with the tools necessary to become successful secondary math and science teachers in high-need New York City schools. This two-year program consists of a residency year in which teacher candidates are fully immersed in a host school community alongside an experienced mentor teacher and an induction year in which they become full-time teachers of record. Throughout the two years, teacher candidates are enrolled as graduate students in the Hunter College School of Education, working to complete a master's degree in Adolescent Education in Biology, Chemistry, Earth Science or Mathematics. Upon satisfactory completion of the MASTER program, participants will be eligible for initial teacher certification from New York State.

Teacher preparation and development is most effective when theory and practice are complementary and highly aligned. The MASTER program overcomes the gap that often exists between theory and practice in teacher education through a focus on pedagogical content knowledge, which is the critical integration of content knowledge, the understanding of how students think about the content and the understanding of how to communicate that knowledge in a way that fosters deep understanding. Through multiple approaches designed to develop teacher candidates' pedagogical content knowledge, in conjunction with training in inquiry-based instructional strategies, MASTER prepares resident teacher candidates to be effective teachers of science and mathematics delivering high quality instruction to urban secondary students.

MASTER will prepare three cohorts of 25 residents each over five years. It is a partnership among Hunter College's Schools of Education and Arts and Sciences, New Visions for Public Schools, a network of NYC secondary schools, the New York Hall of Science, and the New York City Department of Education.

In July 2012, Dr. Graves assumed the role of Acting Senior Associate Dean of the Hunter College School of Education. Previously, she served as the Acting Dean of the School of Education. During her years as the chair of the Department of Educational Foundations and Counseling Programs she served of many school and college-wide committees, including years as Chair of the Hunter College IRB. She recently completed a grant with Dr. Gess LeBlanc funded by the New York State Education Department supporting the Culturally Responsive Teach Project: Teacher Opportunity Corps.

This section highlights a standard grant mechanism.

National Institutes of Health (NIH) Research Project Grant Program (R01)

Introduction

The Research Project Grant (R01) is the original and historically oldest grant mechanism used by NIH. The R01 provides support for health-related research and development based on the mission of the NIH. R01s can be investigator-initiated or can be in response to a program announcement or request for application. The R01 research plan proposed by the applicant must be related to the stated program interests of one or more of the NIH Institutes and Centers based on descriptions of their programs. A list of Institutes and Center can be located at www.nih.gov/icd

R01s are most often investigator initiated in response to either the R01 Parent Announcement or a Program Announcement highlighting particular scientific areas. **The R01 "Parent Announcement" is PA-13-302.**

Definition of an R01

The Research Project (R01) grant is an award made to support a discrete, specified, circumscribed project to be performed by the named investigator(s) in an area representing the investigator's specific interest and competencies, based on the mission of the NIH.

Scope

The NIH is comprised of Institutes and Centers that support specific areas of health-related research and almost all Institutes and Centers at NIH fund R01 grants. Research grant applications are assigned to an Institute or Center based on receipt and referral guidelines, and many applications are assigned to multiple Institutes and Centers as interdisciplinary and multidisciplinary research is encouraged. Contact with an Institute or Center representative may help focus the research plan based on an understanding of the mission of the Institute or Center.

Allowable Costs

- Salary and fringe benefits for Principal Investigator, key personnel, and other essential personnel
- Equipment and supplies
- Consultant costs
- Alterations and Renovations
- Publications and miscellaneous costs
- Contract services
- Consortium costs
- Travel expenses
- Indirect Costs

Application Characteristics

- Applications for an R01 award are not limited in dollars but need to reflect the actual needs of the proposed project.
- Applications are generally awarded for 1-5 budget periods, each normally 12 months in duration.
- Applications can be renewed by competing for an additional project period.
- Supplements and amendments are allowed.
- Only one (1) resubmission of a previously reviewed R01 grant application may be submitted.
- The Research Plan of an application for an R01 award must follow the instructions provided in SF424 (R&R) Application Guide, at http://grants.nih.gov/grants/forms.htm.

Submission Deadlines

Standard receipt dates for grant applications are:

February 5
June 5
October 5

AIDS and AIDS-related grant application receipt dates:

May 7
September 7
January 7

R01 Participating Institutes, Centers and Offices

All Institutes and most Centers at NIH support the R01 grant mechanism.

** NIH Office of Extramural Research 2000, NIH Research Project Grant Program (R01) (n.d.). Retrieved from http://grants.nih.gov/grants/funding/r01.htm

October and November 2013 Workshops

	Date	Time
Tea & Talk	October 28, 2013	10:00 - 11:30 a.m.
How to Administer Your Grant and Research Compliance Requirements	October 30, 2013	1:00 -2:30 p.m.
My Payroll and Benefits	November 5, 2013	10:00 - 11:30 a.m.
Conflict of Interest (COI) Responsible Conduct of Research (RCR) CITI Training	November 7, 2013	11:00 -1:00 p.m.
Sexual Harassment Training	November 12, 2013	10:00 - 11:30 a.m.
Tea & Talk	November 14, 2013	1:00 - 2:30 p.m.
AFLAC Open Enrollment Lunch and Learn	November 18, 2013	12:15 - 2:15 a.m.
PSC-CUNY Reviewers	November 19, 2013	12:00 - 2:00 p.m.
How to Apply for a PSC-CUNY Grant	November 21, 2013	10:00 - 11:30 a.m.
Grant Administrator's Exchange	November 22, 2013	12:00 - 2:00 p.m.
Tea & Talk	November 25, 2013	10:00 - 11:30 p.m.

Upcoming Workshops and Seminars Fall 2013

Instructional Seminar
NIH Progress Reports

Funding Opportunity Seminars
NIH R01 Submission Information Session
NIH R21, R03 and R15 Submission Info Session

Pre and Post-Award Tutorial
Conflict of Interest (COI) and Responsible Conduct of Research (RCR) Training

Fairs
Scientific Solution Fair

*** Please contact smo0031@hunter.cuny.edu to register or for more details.***

NIH Updates PHS 398 & SF 424 (R&R) for Due Dates Beginning Sept. 25, 2013

This NIH has announced the availability of new application instructions and forms for paper-based PHS 398 applications (http://grants.nih.gov/grants/funding/phs398/phs398.html) and also the availability of new Application Guide instructions for electronic SF 424 (R&R) applications. The new application instructions and forms must be used for applications intended for due dates on or after September 25, 2013.For more information, see NIH Guide Notice NOT-OD-13-091 at http://grants.nih.gov/grants/guide/notice-files/NOT-OD-13-091.html

National Science Foundation (NSF) Project Reporting

This past February, the National Science Foundation (NSF) began using Research Performance Progress Report (RPPR) through research.gov for researchers to prepare and submit final, annual, and interim project reports. Researchers will also enter Project Outcomes Reports through research.gov. Some of the features of the **RPPR** are:

- Rich text editor
- Improved citation through Thompson Web of Science
- PDF upload to support images charts and other complex graphics

Fastlane will still be used for all other non-project reporting functions. The research.gov Help Desk can be reached at rgov@nsf.gov or 1-800-381-1532.

ResearchMatch

ResearchMatch has a simple goal – to bring together two groups of people who are looking for one another: (1) people who are trying to find research studies, and (2) researchers who are looking for people to participate in their studies. It is a free and secure registry that has been developed by major academic institutions across the country who want to involve you in the mission of helping today's studies make a real difference for everyone's health in the future. All Hunter College researchers through its affiliation with the Weill Cornell Medical College Clinical and Translational Science Awards (CTSA) Consortium can now participate in ResearchMatch. Researchers at participating sites will be given access to register through the ResearchMatch system. Upon registration, researchers may request either feasibility or recruitment access. For more information please refer to https://www.researchmatch.org/. The ResearchMatch liaison at Hunter College is Carolynn Julien. Please contact her at (212) 772-4020 or cjulien@hunter.cuny.edu for more information.

ResearcherID

ResearcherID was developed by Thomson Reuters. Thomson Reuters is the world's leading source of intelligent information for businesses and professionals. ResearcherID provides researchers with a unique identifier which ensures their work is correctly attributed to them. Researchers have the opportunity to link their ResearcherID to their own publications. In this way, they can also keep their publication list up to date. A complete overview of a researcher's publications can be ascertained. This is particularly useful and important for researchers in fields which predominantly use peer-reviewed conference articles or in fields which focus on publishing books and chapters in books. ResearcherID smoothly interfaces with Web of Science search services and the EndNote Web online search. ResearcherID also helps to find colleagues' work and collaborators. ResearcherID is free and boasts a database of about 120,000 researchers.

More details about ResearcherID can be found at http://www.researcherid.com/

This section highlights important grant tips.

- According Dr. Sally Rockey, the Director of to the National Institute of Health (NIH), the average age at first R01 award is 42 for PhDs. It is higher for researchers with an MD or an MD/PhD. - See more at: http://nexus.od.nih.gov/all/2012/02/03/our-commitment-to-supporting-the-next-generation/#sthash.aSFO6yIX.dpuf.

- National Institutes of Health (NIH) gives special consideration for Early Stage Invesitigators (ESI). ESIs are New Investigators who are within 10 years of completing their terminal research degree or within 10 years of completing their medical residency at the time they apply for R01 grants. Applications from ESIs will be given special consideration during peer review and at the time of funding. Please refer to http://grants.nih.gov/grants/new_investigators/investigator_policies_faqs.htm for more information.

- Use up all the pages! If the page limit is 15 pages, use 15 pages. If there is something missing from your proposal, and there is empty space in which you could have placed what is missing, reviewers will notice. Also make sure, however, that you do not violate rules about margins and font sizes or readability. Some funders will return proposals unread if the proposals do not fit the guidelines. [1]

- Show that the institution is willing and able to provide what is necessary for your research (e.g., space, release time). You may want to include letters of support; in some cases, this will be obligatory. [1]

- Think about who the likely reviewers of your proposal will be (for NIH, the reviewers are listed). Refer to their work, and the work of people you suggest as reviewers, if it is relevant to your proposal. [1]

- It is discouraging when a proposal is not funded. It is, however, a fact of research life. Remember that while it is difficult to receive funding, there is one sure way of not getting funded – by not submitting a proposal in the first place or not resubmitting. [1]

- According to NIH, the grants process can take approximately 10 months from application receipt and the peer review process through negotiation and award.

[1] Gender Equity Project 2007 (PDF, 1.5 MB, updated August 2007)

http://www.hunter.cuny.edu/genderequity/equityMaterials/grant_booklet_9_06_07.pdf

Export Control

For over 60 years, the federal government has enforced laws restricting the export of certain goods, technologies and information. There are two main sets of laws: the Export Administration Regulations (EARs), administered by the U.S. Department of Commerce, and the International Traffic in Arms Regulations (ITARs), administered by the U.S. Department of State. Restrictions on transactions with certain specific countries under embargoes are enforced by the U.S. Department of Treasury through its Office of Foreign Assets (OFAC). Even some research activities that take place solely on the University campus may be subject to the provisions of the EARs and ITARs.

What is an export?
It is the transfer of controlled technology, information, equipment, software or services to a foreign person in the US or abroad by any means. For example: actual shipment outside the US, visual inspection in or outside the US or written or oral disclosure.

How can this effect the university?
Export controls directly impact the University personnel's ability to: Ship items out of the US (including project deliverables), travel internationally with equipment and laptops, collaborate with foreign colleagues/institutions, allow the participation of foreign students or foreign researchers in research activities at the University, provide services (including training) to foreign persons, both here and abroad and conduct research freely without having to implement restrictive and inconvenient security access control.

The following list of questions is designed to help you determine if export control may apply to your research:

1. Does the research involve military, weapons, defense, chemical or biological weapons, encryption technology & software, space or other dual-items or export restricted technologies?

2. Does the research involve collaboration with foreign colleagues, either here in the US or abroad?

3. Does the research involve the transfer or shipment of equipment, materials or funding out of the US?

4. Does any part of the research take place outside of the U.S. (e.g., field work)?

5. Does any part of the research involve the receipt or use of Export Controlled information or items provided by a 3rd party?

6. Are there any contractual restrictions on publications or access to or dissemination of the research results?

7. Does the research involve the shipment or transfer of materials, money or any other type of collaboration with foreign nationals from a sanctioned or embargoed country (i.e., Iran, Cuba, Syria, Sudan, or North Korea)?

8. Do you have any reason to believe that the end-user or the intended end-use of the item or information violates any existing export controls?

If you have answered yes to any one of these questions export control may apply to your research.

What do Hunter personnel need to do?

When export controls apply, individuals must take the appropriate steps to obtain any required governmental licenses, monitor and control access to restricted information, and safeguard all controlled materials. The CUNY Office of Research Compliance will assist with obtaining all licenses. Their website http://www.cityuniversityofnewyork.org/research/compliance.html answers many questions and is a great resource. If you have questions please feel free to contact Annmarie Rivera, Assistant Director of Sponsored Projects at nrivera@hunter.cuny.edu or Farida Lada, University Director for Research Compliance at farida.lada@cuny.edu.

National Science Foundation (NSF)
Discovery Research K-12 (DRK - 12)

The Discovery Research K-12 program (DRK-12) seeks to significantly enhance the learning and teaching of science, technology, engineering and mathematics (STEM) by preK-12 students and teachers, through research and development of innovative resources, models and tools (RMTs). Projects in the DRK-12 program build on fundamental research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects. Teachers and students who participate in DRK-12 studies are expected to enhance their understanding and use of STEM content, practices and skills.

DRK-12 invites proposals that address immediate challenges that are facing preK-12 STEM education as well as those that anticipate radically different structures and functions of pre-K 12 teaching and learning. The DRK-12 program has four major research and development strands: (1) Assessment; (2) Learning; (3) Teaching; and (4) Implementation Research. The program recognizes that there is some overlap among the strands. Proposals may address more than one strand. For example, projects in the Learning Strand may also include assessments of student learning, and/or support for teachers and plans for larger dissemination and use. Likewise, the Teaching Strand has a specific focus on RMTs for teacher education and professional development, but these are often based on a particular curriculum or set of instructional materials or tools. The Implementation Research strand that replaces the Scale-up strand in the previous solicitation might potentially address any or a combination of the other three strands. The program supports three types of projects: (1) Exploratory, (2) Full Design and Development, and (3) Conferences, Workshops, and Syntheses. All three types of projects apply to each of the four DRK-12 strands.

Submission Deadline: December 6, 2013

Maximum Funding Request:

(1) Exploratory projects up to $450,000 with duration up to three years

(2) Full Design and Development projects up to $3,000,000 with duration up to four years

(3) Conference/Workshop/Synthesis projects up to $100,000 for duration up to two years.

For guidelines and more information please refer to http://www.nsf.gov/pubs/2013/nsf13601/nsf13601.htm.

Spencer Foundation
The Relation between Education and Social Opportunity

The Spencer Foundation seeks to shed light on the role education plays in reducing economic and social inequalities -- as well as, sometimes, reinforcing them -- and to find ways to more fully realize education's potential to promote more equal opportunity. Expanded opportunity is important not only to a society's economic well-being but to the character of its civic, cultural and social life as well.

It is important to recognize that these educational investments don't occur in a vacuum. Larger social structures -- law and government, markets and property rights, practices and patterns of racial and gender inequality, and others -- provide a framework that conditions education's effects. Deep inequalities in family circumstances and social environments pose serious challenges to the attainment of equal educational opportunity. And even for persons with good educational opportunity, a variety of other factors in family and community life influence their prospects. While these observations should not be used to excuse schools from doing their utmost to improve the prospects of students from disadvantaged backgrounds, we need to understand better how larger social structures and the contexts in which schooling occurs (including family circumstances, health and nutrition, public safety, housing, transportation, libraries, and so on) influence the ability of schools to shape educational and social outcomes.

Our interests therefore extend to studies that examine the ways in which differences in educational experiences (including quality and character of schooling as well as number of years in school) translate into differences in employment, earnings, and civic and social outcomes. Such work can help us identify ways to change schooling investments and outcomes in the interests of a more just and prosperous society.

Retrieved from: http://www.spencer.org/content.cfm/education-and-social-opportunity

Maximum Funding Request: $50,000

Submission Deadline: November 26, 2013

** Please remember to complete Fundraising Policy and Procedures for Cultivation and Solicitation of Grants and Gifts from Private Individuals, Corporations and Foundations.   Details can be found at http://www.hunter.cuny.edu/provost/reports-policies/policies

National Institutes of Health (NIH)
Modeling Social Behavior

This Funding Opportunity Announcement (FOA) encourages applications for developing and testing innovative theories and computational, mathematical, or engineering approaches to deepen our understanding of complex social behavior. This research will examine phenomena at multiple scales to address the emergence of collective behaviors that arise from individual elements or parts of a system working together. Emergence can also describe the functioning of a system within the context of its environment. Often properties we associate with a system itself are in actuality properties of the relationships and interactions between a system and its environment. This FOA will support research that explores the often complex and dynamic relationships among the parts of a system and between the system and its environment in order to understand the system as a whole.

To accomplish the goals of this initiative, we encourage applications that build transdisciplinary teams of scientists spanning a broad range of expertise. Minimally this team should include investigators with expertise in the behavioral or social sciences as well as in computational and systems modeling (computer science, mathematics, engineering, or other systems sciences). Applications should demonstrate bridge-building between disciplines, scales and levels.

Submission Deadlines: February 5, 2014, June 5, 2014 and October 5, 2014

AIDS and AIDS Related Application Deadlines: January 7, 2014, May 7, 2014 and September 7, 2014

For guidelines and more information please refer to http://grants.nih.gov/grants/guide/pa-files/PAR-13-374.html.

National Endowment for the Arts
Research: Art Works

The NEA's Office of Research & Analysis will make awards to support research that investigates the value and/or impact of the arts, either as individual components within the U.S. arts ecology or as they interact with each other and/or with other domains of American life.

Researchers can collect and analyze data on a host of variables. Research areas include the system's core components of Arts Participation and Arts Creation; the system's inputs (Arts Infrastructure and Education & Training); and the system's main outcomes, e.g., cognitive or emotional benefits to individuals, or civic or economic benefits to communities.

Priority will be given to applications that present theory-driven research questions and methodologies that will yield important information about the value and/or impact of the arts. Competitive applications will take into account any extant research that serves as a basis for a theoretical framework, and helps to motivate the proposed project.

The NEA welcomes the use of data in both the public and private domain, including commercial and/or administrative data sources. The NEA is particularly interested in applications that propose to analyze the following new data sources, which are expected to be available by the start of the FY 2014 grant period:

2012 Survey of Public Participation in the Arts (SPPA). Data from the 2012 SPPA, conducted as part of the U.S. Census Bureau's Current Population Survey, are expected for release by the end of 2013.

General Social Survey (GSS) Arts Supplement. Data from the 2012 GSS Arts Supplement was administered by NORC at the University of Chicago.

Submission Deadline: November 5, 2013

Maximum Funding Request: Grants generally will range from $10,000 to $30,000 and are require a nonfederal match of at least 1 to 1.

For guidelines and more information please refer to http://nea.gov/grants/apply/Research/index.html

RESEARCHADMIN-L Listserv

RESEARCHADMIN-L is a listserv (e-mail mailing list) available to all Hunter College faculty and staff. The listserv is owned by the Office of Research Administration. The **RESEARCHADMIN-L** listserv serves a means of communicating relevant information with Hunter College faculty and staff about grants. The information conveyed will cover pre and post award matters. This listserv is a closed list. This means that individuals can only be added to the listserv by the Office of Research Administration. Individuals cannot subscribe to the list on their own. Also, only the Office of Research Administration can send messages to the subscribers. The communication flows one way – from the list administrator to the list subscribers. Individuals **cannot post** to this listserv.

If you or a Hunter College colleague would like to be a member of this listserv, please provide the requested information below or send an e-mail to resadmin@hunter.cuny.edu requesting to be added to the **RESEARCHADMIN-L** listserv. If you are sending an email, the email must also contain the following information:

First Name	
Last Name	
Department	
Phone Number	
Email Address	

If at any time you wish to leave the listserv you may do so by unsubscribing from **RESEARCHADMIN-L.** To unsubscribe from **RESEARCHADMIN-L**, send an e-mail to: listserv@hunter.listserv.cuny.edu. Within the body of the text, only type the following: **SIGNOFF RESEARCHADMIN-L.**

If you want to change the e-mail address that is receiving information from **RESEARCHADMIN-L**, you will need to send an e-mail to resadmin@hunter.cuny.edu. This email should contain your name, old email address and your new email address.

If you require additional information about this listserv, please contact Carolynn Julien (212) 772-4020 or email cjulien@hunter.cuny.edu or Krystal Santiago at (212) 772-4020 or email ksa0003@hunter.cuny.edu.