

# ACCESS GRANTED

Source of Funding Information for the York College Community

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Message from the President

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Welcome to Academic Year 2012-13!

On behalf of the College, I am delighted to congratulate those faculty and staff who continue to excel in securing funding support for your research and scholarship. I deeply appreciate your hard work in pursuing research and grant opportunities; and am as excited as you are when that hard work is recognized by the awarding of well deserved funding. I am also encouraged by your continued leadership in mentoring and supporting student research and in the collaboration you engender. Your effort helps York to flourish academically and provides a trajectory that propels us to excellence.

Earning research grant funding is one reflection of your commitment, not only to your own scholarship, but in your commitment to producing a pipeline of young scholars who will advance the work of their respective disciplines and make small or large contributions to our community, our city, our world. You represent the very best that the College has to offer and your work promises a bright future for York.

Continue to seek out every opportunity that may lead to funded research as well as those that promote your scholarship and that of your colleagues and students. As President, I pledge my continued support and that of the entire York College administration as you strive to make York an even more competitive academic place.

Congratulations to all who received grants in the academic year 2011-2012. Best wishes to all for yet another productive year.

Marcia V. Keizs

President

## *Policies and Procedures of the Office of Research and Sponsored Programs for Submitting Applications and Proposals*

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

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

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

## York's Partnership in MSPinNYC2 Yields Promising and Important Results

# RESEARCH SPOTLIGHT

The first year of the National Science Foundation funded grant MSPinNYC2 partnership among York College, Hunter College, The New York City College of Technology, New Visions for Public Schools, and the New York City Department of Education has produced substantial gains for participating high school students and their teachers, as well as York college students preparing to be teachers ([www.mspinnyc.org](http://www.mspinnyc.org)). The MSPinNYC2 program, funded by a \$10 million grant from the National Science Foundation, is working to improve science and mathematics education in urban high schools and prepare their students to succeed in college. The grant is a major initiative for York's Department of Teacher Education. Dr. Leslie Keiler, Associate Professor and Deputy Chair of the Department of Teacher Education, is a Co-PI and the Director of Teacher Development for the grant. Dr. Linda Gerena, Associate Professor of Teacher Education, is the grant's bilingual and literacy specialist. Both Dr. Keiler and Dr. Gerena provide professional development for the teachers and conduct and publish research about the impacts of the grant on the various participants. Dr. Keiler has involved York's Mathematics and Science Teacher (MaST) Scholars in the program and offers teacher education candidates across the department opportunities to learn from the research program.

Dr. Keiler was recruited to join the initial MSPinNYC grant that developed an innovative instructional model called the Peer Enabled Restructured Classroom (PERC). In a PERC classroom students who passed a mathematics or science class and associated Regents exam the previous year become instructional leaders in that class for their slightly younger peers. These instructional leaders, called Teaching Assistant Scholars (TAS), are central to the success of the program. A PERC class starts and ends with the teacher working with the whole class, but the majority of the class time every day is spent with the TAS guiding their groups of four students through learning experiences developed by the teacher. In MSPinNYC schools, PERC students out-perform students in comparison classes, with passing rates increasing by approximately 20 percentage points.

The MSPinNYC2 grant focuses on the development of the TAS and their movement into college. These students begin as typical high school students and transform into students who are both committed and able to advance their own academic success and the academic success of their peers. This transformation occurs through carefully scaffolded learning in the TAS-to-College class (TAS class) and subsequent application in their PERC class and across their other classes. Through rich inquiry into basic as well as advanced content and exploration of multiple approaches to problem-solving, TAS develop intellectual curiosity and academic drive, as well as improved content expertise. In order to be successful peer instructors, the TAS must learn about learning. They become interested in sharing ideas about learning with one another, with their teachers, and with students in their PERC groups. The TAS start to develop skills of goal setting and monitoring, habits of self-regulation, attitudes of self-efficacy, and abilities to both give and receive feedback effectively through their participation in the TAS class and by acting as peer instructors to high school freshmen. They hold themselves responsible for their own behavior and learning, and take pride in the achievements of the students in their PERC groups as well as in their own accomplishments. TAS end their sophomore year prepared to succeed in upper level high school STEM

courses, having developed a foundation of academic behaviors and dispositions that will lead to college preparedness. TAS scores improve significantly on the Regents when they retake the exam at the end of their year of instructional leadership. More importantly, they talk about the important ways that participating in the program has changed them as students and individuals. They claim that being a role model has made them more conscientious about their own academic behavior and that their content understanding is deepened and clarified by teaching it. The MSPinNYC2 program then builds upon these new skills and attitudes with advanced coursework and a Bridge-to-College program that transitions them into CUNY. Having spent their summer at York, many TAS and PERC students are now planning to attend York, several with the intention of becoming science or math teachers through the Department of Teacher Education.



# **FUNDING AT- A- GLANCE**

<b>Areas of Research</b>	<b>Funding Agency</b>	<b>Program Title</b>	<b>Deadlines</b>	<b>Amount</b>	<b>Page</b>
<b>Accounting &amp; Business</b>	<b>Equipment Leasing and Finance Foundation</b>	Research Grant Program	<b>Open</b>	\$25,000	7
	<b>University of Oklahoma Price College of Business John T. Steed of Accounting</b>	Glen McLaughlin (Endowed) Prize for Research in Accounting Ethics	<b>12/1/ 2012</b>	\$10,000	7
<b>Collaborative Research</b>	<b>National Science Foundation</b>	Biological Anthropology	<b>12/7/2012</b>	TBD	8
	<b>National Institutes of Health</b>	Behavioral and Social Science Research on Understanding and Reducing Health Disparities (R01)	<b>Letter of Intent 12/14/2012</b> <b>Application 01/14/2013</b>		9
<b>Earth &amp; Physical Sciences</b>	<b>National Science Foundation (NSF)</b>	Astronomy and Astrophysics Research Grants	<b>09/15/2012 – 11/15/2012</b>	TBD	10
<b>English</b>	<b>Lannan Foundation</b>	Literary Arts	<b>Open</b>	TBD	10
<b>Fellowships</b>	<b>National Science Foundation</b>	Mathematical Sciences Postdoctoral Research Fellowship (MSPRF)	<b>10/16/2013</b>	TBD	
<b>Fellowships</b>	<b>Robert Wood Johnson Foundation</b>	Robert Wood Johnson Health Policy Foundation	<b>11/14/2012</b>	\$165,000	10, 11
<b>Foreign Language</b>	<b>U.S. Department of Education</b>	Undergraduate International Studies and Foreign Language Program	<b>Late Spring (tentative)</b>	TBD	11

## **FUNDING AT- A- GLANCE**

<b>History &amp; Philosophy</b>	<b>Gladys Kreible Delmas Foundation</b>	Grants for Independent Research on Venetian History and Culture	<b>12/15/2012</b>	\$19,900	12
<b>National and Computer Science</b>	<b>National Science Foundation</b>	Applied Mathematics	<b>11/1/2012 – 11/ 15/2012</b>	TBD	12
<b>Performing &amp; Fine Arts</b>	<b>National Endowment for the Arts</b>	Research: Art Works	<b>11/ 20/2012</b>	\$10,000 to \$30,000.	13



# FUNDING OPPORTUNITIES

## Accounting & Business

**Equipment Leasing and Finance Foundation**  
<http://www.leasefoundation.org/Grants/About.htm>

**Deadline:** Open

### Research Grant Program

For more than 20 years, the Equipment Leasing and Finance Foundation have supported ongoing research within the equipment lease financing industry. The Foundation works directly with industry consultants and professor to conduct research. Annually, the Foundation provides research grants for approved studies. Research grants are available to encourage industry consultants and academic in all fields of scholarships to study topics of interest to the equipment finance industry.

General topics of research interest are:

- Funding;
- Economics;
- Industry compensation models;
- Portfolio management;
- Strategic management/planning;
- Contracts/documentation;
- Accounting/financial reporting; and finance;
- Technology benchmarking;
- Tax and legislative/regulatory;
- Strategic importance of captives;
- Credit/collections;
- Operations; and best practices

The Equipment Leasing and Finance Foundation is a non-profit organization affiliated with the Equipment Leasing and Finance Association, whose objectives are to increase the body of knowledge in the equipment lease and financing field.

**Amount of Award:** \$ 25,000

**University of Oklahoma Price College of Business  
John T. Steed School of Accounting**  
<http://aaahq.org/calls/default.cfm>

**Deadline:** December 1, 2012

### Glen McLaughlin (Endowed) Prize for Research in Accounting Ethics

The John T. Steed School of Accounting at the University of Oklahoma is soliciting submissions for the Glen McLaughlin Prize for research in accounting ethics. The Prize includes a cash award for the best unpublished paper (at the time of submission) on ethics in any area of accounting. The development of the ethical concepts in the paper may be rooted in ethical philosophy, but authors should feel free to draw upon ethical insights from other disciplines such as sociology, psychology, biology, economics or humanities. The paper is best viewed as an interdisciplinary work, contributing to the understanding of ethical concepts and then applying this understanding to accounting issues in an effective way. Examples of topics suitable for the prize include, but are not limited to,

- Corporate disclosures practices;
- Financial reporting, valuation, and performance measurements;
- Management control systems;
- Executive compensation structure and incentive issues;
- Assurance services and litigation;
- Corporate governance and internal control;
- Forecasting and the role of financial analysts; and
- Tax reporting and disclosure

**Amount of Award:** \$10,000

# FUNDING OPPORTUNITIES

## Collaborative Research

### National Science Foundation

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5407](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5407)

**Deadline:** December 7, 2012

### Biological Anthropology

The Biological Anthropology Program supports basic research in areas related to human evolution and contemporary human biological variation. Research areas supported by the program include, but are not limited to, human genetic variation, human adaptation, human osteology and bone biology, human and nonhuman primate paleontology, functional anatomy, and primate socioecology. Grants supported in these areas are united by an underlying evolutionary framework, and often a consideration of adaptation as a central theoretical theme. Many proposals also have a biocultural orientation. The program frequently serves as a bridge within NSF between the social and behavioral sciences and the natural and physical sciences, and proposals are commonly jointly reviewed and funded with other programs

**Amount of Award:** To Be Determined



### National Institutes of Health

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-136.html>

**Deadline:** Letter of Intent – 12/14/2012  
Applications- 01/14/2013

### Behavioral and Social Science Research on Understanding and Reducing Health Disparities (R01)

To encourage behavioral and social science research on the causes and solutions to health and disabilities disparities in the U. S. population. Health disparities between, on the one hand, racial/ethnic populations, lower socioeconomic classes, and rural residents and, on the other hand, the overall U.S. population are major public health concerns. Emphasis is placed on research in and among three broad areas of action: 1) public policy, 2) health care, and 3) disease/disability prevention. Particular attention is given to reducing “health gaps” among groups. Proposals that utilize an interdisciplinary approach, investigate multiple levels of analysis, incorporate a life-course perspective, and/or employ innovative methods such as system science or community-based participatory research are particularly encouraged.

**Amount of Award:** To Be Determined



# FUNDING OPPORTUNITIES

## Earth & Physical Sciences

### National Science Foundation

<http://www.nsf.gov/pubs/2012/nsf12589/nsf12589.pdf>

**Deadline:** September 15, 2012 - November 15, 2012

### Astronomy and Astrophysics Research Grants (AAG)

The Astronomy and Astrophysics Research Grants (AAG) Program provides individual investigator and collaborative research grants for observational, theoretical, laboratory and archival data studies in all areas of astronomy and astrophysics, including but not limited to the following areas of study:

**Planetary Astronomy:** Studies of Solar System and extrasolar planets; the detailed characterization, structure and composition of the surfaces, interiors, and atmospheres of planets and satellites; the nature of small bodies (asteroids, comets, and Kuiper-belt objects); the inter-planetary medium; and the origin, formation, and development of the Solar System and other planetary systems.

**Stellar Astronomy and Astrophysics:** Studies of the structure and activity of the Sun and other stars; the physical properties and composition of all types of single and multiple stars; compact objects and their interactions; star formation and stellar evolution; stellar nucleosynthesis; and the properties of atoms and molecules of relevance to stellar astronomy.

**Galactic Astronomy:** Studies on the composition, structure and evolution of the Milky Way Galaxy and nearby galaxies. Research may focus on the stellar populations in these galaxies; the characteristics of star clusters; the interstellar medium; and the properties of atomic and molecular constituents of the interstellar medium.

**Extragalactic Astronomy and Cosmology:** Studies of the Universe beyond our Galaxy. Research topics include galaxy formation, evolution and interaction; active galaxies; quasars; the intergalactic medium; large-scale structure; and all areas of cosmology. Proposals submitted to the AAG Program do not require categorization into one of the study areas identified above. Proposals may span multiple disciplines and/or areas of study and may utilize multiple techniques.

Please contact the program officer in your thematic area if you have any questions about proposal preparation and submission.

**Amount of Award:** To Be Determined

## English

### Lannan Foundation

<http://www.lannan.org/lf/programs/lit/>

**Deadline:** Open

### Literary Arts Grants

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

**Amount of Award:** To Be Determined

## Fellowships

### National Science Foundation

<http://www.nsf.gov/pubs/2012/nsf12496/nsf12496.pdf>

**Deadline:** October 16, 2013

### Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)

The purpose of the Mathematical Sciences Postdoctoral Research Fellowships (MSPRF) is to provide increased flexibility for Fellows in choosing postdoctoral research environments that will have maximal impact on their future scientific development. The Fellows will have two options for receipt of a stipend:

1. **The Research Fellowship option provides full-time support for any eighteen academic-year months in a three-year period, in intervals not shorter than three consecutive months.**
2. **The Research Instructorship option provides a combination of full-time and half-time support over a period of three academic years, usually one academic year full-time and two academic years half time.**

# FUNDING OPPORTUNITIES

## Fellowships (Con't)

Under both options, the award includes six summer months; however, no more than two summer months of support may be received in any calendar year.

Under both options, the stipend support for 24 months (18 academic-year months plus 6 summer months) will be provided within the 48-month duration of the award.

**Amount of Award:** To Be Determined

### Robert Wood Johnson Foundation

[http://www.healthpolicyfellows.org/pdfs/cfp\\_HPF2013.pdf](http://www.healthpolicyfellows.org/pdfs/cfp_HPF2013.pdf)

**Deadline:** November 14, 2012

### Robert Wood Johnson Foundation Health Policy Fellows

The *Robert Wood Johnson Foundation Health Policy Fellows* program provides the nation's most comprehensive fellowship experience at the nexus of health science, policy and politics in Washington, D.C. It is an outstanding opportunity for exceptional midcareer health professionals and behavioral and social scientists with an interest in health and health care policy. Fellows participate in the policy process at the federal level and use that leadership experience to improve health, health care and health policy. The Washington experience prepares individuals to influence the future of public health and health care and accelerate their own career development.

**Amount of Award:** Maximum of \$165,000



Robert Wood Johnson Foundation

## Foreign Language

U.S. Department of Education

<http://www2.ed.gov/programs/iegpsugisf/applicant.html>

**Deadline:** Late Spring 2013 (Tentative)

### Undergraduate International Studies and Foreign Language Program

This program provides funds to plan, develop, and carry out programs to strengthen and improve undergraduate instruction in international studies and foreign languages

Types of Projects

Each program assisted with federal funds must enhance primarily the international academic program of the institution. Eligible activities may include but are not limited to:

- Development of a global or international studies program that is interdisciplinary in design;
- Development of a program that focuses on issues or topics, such as international business or international health;
- Development of an area studies program and programs in corresponding foreign languages;
- Creation of innovative curricula that combine the teaching of international studies with professional and preprofessional studies, such as engineering;
- Research for and development of specialized teaching materials, including language instruction, i.e., business French;
- Establishment of internship opportunities for faculty and students in domestic and overseas settings; and
- Development of study abroad programs.

**Amount of Award:** To Be Determined

# FUNDING OPPORTUNITIES

## History & Philosophy

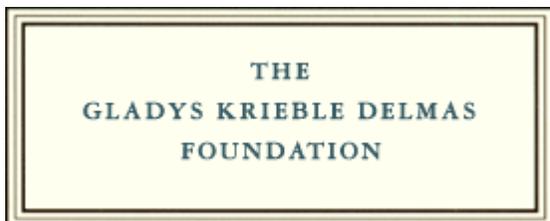
Gladys Kreible Delmas Foundation  
<http://www.delmas.org/guidelines/a.html>

**Deadline:** December 15, 2012

### Grants for Independent Research on Venetian History and Culture

The Gladys Krieble Delmas Foundation announces its 2013-2014 program of grants (predoctoral and postdoctoral) for travel to residence in Venice and the Veneto. Grants will be awarded for historical research specifically on Venice and the former Venetian empire, and for study of contemporary Venetian society and culture. Disciplines of the humanities and social sciences are eligible areas of study, including (but not limited to) archaeology, architecture, art, bibliography, economics, history, history of science, law, literature, music, political science, religion and theater

**Amount of Award:** \$19,900



## Mathematics & Computer Sciences

National Science Foundation

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5664](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5664)

**Deadline:** November 1 – November 15, 2012

### Applied Mathematics

The Applied Mathematics program supports mathematics research motivated by or having an effect on problems arising in science and engineering. Mathematical merit and novelty, as well as breadth and quality of impact on applications, are important factors. Proposals to develop critical mathematical techniques from individual investigators as well as interdisciplinary teams are encouraged.

**Amount of Award:** To Be Determined



# FUNDING OPPORTUNITIES

## Performing & Fine Arts

### National Endowment for the Arts

<http://www.nea.gov/grants/apply/Research/index.html>

**Deadline:** November 20, 2012

### Research: Art Works

Increasingly, the NEA has aimed to explore the factors and conditions affecting arts participation and art-making, and also illuminate the impact of the arts on American lives and communities. Arts workers and arts industries depend on timely information and analyses to monitor patterns of employment, fiscal health, and public demand for their goods and services. The greater public, on the other hand, needs to know whether and how the arts should factor into such questions as where to live, how to spend one's discretionary time, and what kind of education to provide for one's children.

The NEA's strategic plan identifies research as a mission-critical goal -- specifically, "to promote public knowledge and understanding about the contribution of the arts." Through high-quality research, the NEA will expand opportunities for rigorous research that

investigates the value of the U.S. arts ecosystem and the impact of the arts on other domains of American life.

The NEA's Office of Research & Analysis (ORA) has identified priorities in support of this overarching research goal, including:

- Identifying and cultivating new and existing data sources in the arts.
- Investigating the value of the U.S. arts ecosystem and the impact of the arts on other domains of American life.
- Elevating the public profile of arts-related research.

To help achieve these goals, the ORA has implemented a grants program for research in and about the arts

**Amount of Award:** \$10,000 - \$30,000



**NATIONAL  
ENDOWMENT  
FOR THE ARTS**

**Proposals Submitted  
October 1, 2011 – October 31, 2012**

<b>Name</b>	<b>Project Title</b>	<b>Agency</b>	<b>Amount</b>
<b><u>ACADEMIC AFFAIRS</u></b>			
Panayiotis Meleties	Applied Chemical Technology Education and Research	National Science Foundation (NSF)	\$899,627
<b><u>ACCOUNTING AND FINANCE</u></b>			
Geri Chanel	VITA Grant 2013	Internal Revenue Service (IRS)	\$528,066
<b><u>BEHAVIORAL SCIENCES</u></b>			
Robert Duncan	The Role of Cerebral Blood Flow in Human Glaucoma	National Institutes of Health (NIH)	\$457,564
<b><u>BIOLOGY</u></b>			
Susan Alter	Effects of Triclocarban on Estrogen and Aryl Hydrocarbon Receptor Signaling Pathways	National Institutes of Health	\$449,551
Arne Christensen	Identification of Suppressors of Ion Secretion in Gill Mitochondrion-rich Cells in Threespine Stickleback ( <i>Gasterosteus Aculeatus</i> )	National Institutes of Health	\$492,232
Louis Levinger	Domain Structure of tRNase Z, the Long Form of tRNase Z	National Institute of Health	\$57,413.00
Anne Simon	Understanding the Modulation of Social Behavior by Dopamine, through the Study of VMTA Mutants in the Fruit-fly	CUNY – Junior Faculty Research Award in Science and Engineering	\$50,000
Anne Simon	RUI: Social Behavior in <i>Drosophila melanogaster</i> : Investigation of Mechanism Underlying Social Space Determination	National Science Foundation	\$715,852
Anne Simon	Genetics of Individual Space in <i>Drosophila Melangaster</i>	National Institute of Health	\$311,442

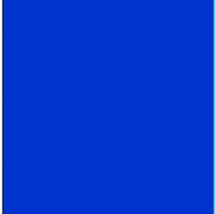
<b>Name</b>	<b>Project Title</b>	<b>Agency</b>	<b>Amount</b>
<b><u>CHEMISTRY</u></b>			
Emmanuel Chang	Analysis of Phosphorylation of HIV-Reverse Transcriptase by CDK	National Institutes of Health	\$485,685
Stephen Fearnley	Oxazolone Cycloadducts as Heterocyclic Scaffolds for Decahydroquinoline Alkaloid Synthesis	National Institutes of Health	\$498,250
<b><u>EARTH &amp; PHYSICAL SCIENCE</u></b>			
Ratan Dhar	How Treated and Untreated Discharges into an Urban Estuary Affect Environmental Ecosystem	CUNY – Junior Faculty Research Award in Science and Engineering	\$49,840
Ratan Dhar	Pathways to Geospatial Technology and Careers	National Science Foundation	898,927
Kevin Lynch	Muon g-2 at York College	CUNY – Junior Faculty Research Award in Science and Engineering	\$49,225
Kevin Lynch James Popp	Mu2e at the City University of New York	U.S. Department of Energy	\$309,441
Timothy Paglione	Origins of the Gamma-Ray Emission from Infrared-Luminous Galaxies with Fermi	Cornell University	\$15,000
Timothy Paglione	Science, Engineering, Mathematics, and Aerospace Academy	Build-A-Bear Foundation	\$10,000
<b><u>LEARNING CENTER</u></b>			
Maria Williams	York College Learning Center	New York State Department of Education	\$200,000
Trevor Williams	York's Upward Bound	U.S. Department of Education	\$250,000
<b><u>Name</u></b>	<b><u>Project Title</u></b>	<b><u>Agency</u></b>	<b><u>Amount</u></b>
<b><u>MATHEMATICS &amp; COMPUTER SCIENCE</u></b>			
John Amenyo	CSR:SHF: Small:RUI: (HMC-4-EUPP) Human-Machine Collaboration for End-User Parallel Programming of Modern Computer Architectures Using Heterogeneous, Distributed Multicore Processors	National Science Foundation	\$499,881

Parisa Babaali	Early Pre-calculus Intervention	National Science Foundation	\$199,702
<b><u>OCCUPATIONAL THERAPY</u></b>			
Andrea Krauss	Financial Assistance for Occupational Therapy Students Attending on Urban Public College	Health Resources and Service Administration (HRSA)	\$70,000
<b><u>PERFORMING &amp; FINE ARTS</u></b>			
Michael Smith	Rapid Field Survey of CUNY Photograph Archives and the Redesign of an Online Showcase on the Academic Commons	CUNY- Collaborative Incentive Research Grants Program	\$11,302
<b><u>SOCIAL SCIENCES</u></b>			
Mark Schuller	REG Supplement: Conceptualizations of NGO-Managed Environmental Projects in Rural Haiti	National Science Foundation	\$4,945
Mark Schuller	NGOs and Nation Building: Impact of NGOs on Haiti's Internally Displaced People (IDP) Camp Committees	National Science Foundation	\$12,505
<b><u>TEACHER EDUCATION</u></b>			
Xin Bai	EXP: Collaborative Research: 3-Dimensional Simulation Cases in an Authentic Learning Environment (3D-SCALE)	National Science Foundation	\$493,250
Xin Bai	Promoting Problem Solving and Collaboration via 3D Simulations and Social Media	CUNY- Collaborative Incentive Research Grants Program	\$29,918
Xin Bai	Surrogate Embodied Learning in Multi-User Virtual Environments: Enhancing Learning and Motivation through Embodiment in <i>Second Life</i> and OpenSim	IES- Columbia University	\$197,603
Leslie Keiler	Developing College-ready Academic Cognitive Skills and Behaviors among Urban High School Students through Collaborative Learning Teams: Student and Teacher Roles	CUNY- Collaborative Incentive Research Grants Program	\$30,000
Dana Fusco	Afterschool Matters I	National Institute on Out-of-Schooltime	\$25,000

**Proposals Awarded  
October 1, 2011 – October 31, 2012**

<b>Name</b>	<b>Project Title</b>	<b>Agency</b>	<b>Amount</b>
<b><u>ADULT &amp; CONTINUING EDUCATION</u></b>			
Cynthia Murphy	York College Nursing Department RN to a BS	Forest Hill Hospital	\$ 296,150
<b><u>BIOLOGY</u></b>			
Louis F. Levinger	tRNase Z Reaction is Central to tRNA Maturation	National Institutes of Health	\$ 328,866
<b><u>ADMINISTRATIVE AFFAIRS</u></b>			
Michel Hodge	RedTails: Tuskegee Airmen Exhibit at York College	NY/NJ Port Authority	\$2,000,000
<b><u>EARTH &amp; PHYSICAL SCIENCES</u></b>			
Timothy Paglione	AstroCom NYC: A Partnership between Astronomers at CUNY, AMNH, and Columbia University	National Science Foundation	\$1,750,814





# **RFCUNY Supports CUNY Research**

## **Available Now: Community of Science (COS) Database**

**COS is a special service provided by the  
Research Foundation in an effort to  
promote and support the research  
endeavor of CUNY.**

**To set up a profile go to  
<http://www.cos.com/rfcuny.html>**

**For more information log onto  
<http://www.rfcuny.org>  
or contact ORSP at  
(718) 262-2060**



**YORK COLLEGE**

THE CITY UNIVERSITY OF NEW YORK

94-20 GUY R. BREWER BLVD.

JAMAICA, NEW YORK 11451

[www.york.cuny.edu](http://www.york.cuny.edu)

**Office of Research and  
Sponsored Programs (ORSP)  
Staff Contact  
Information**

**Dawn A. Hewitt**

Director

718-262-2060 – Phone

718-262-2717 – Fax

[Hewittd@york.cuny.edu](mailto:Hewittd@york.cuny.edu)

**Tara F. Smith**

Grants Assistant/HRPP Coordinator

718-262-2061 – Phone

718-262-2717 – Fax

[Tsmith9@york.cuny.edu](mailto:Tsmith9@york.cuny.edu)

**Ezzard Scott**

Grants Accountant

718-262-2125 – Phone

718-262-2193 – Fax

[Escott@york.cuny.edu](mailto:Escott@york.cuny.edu)

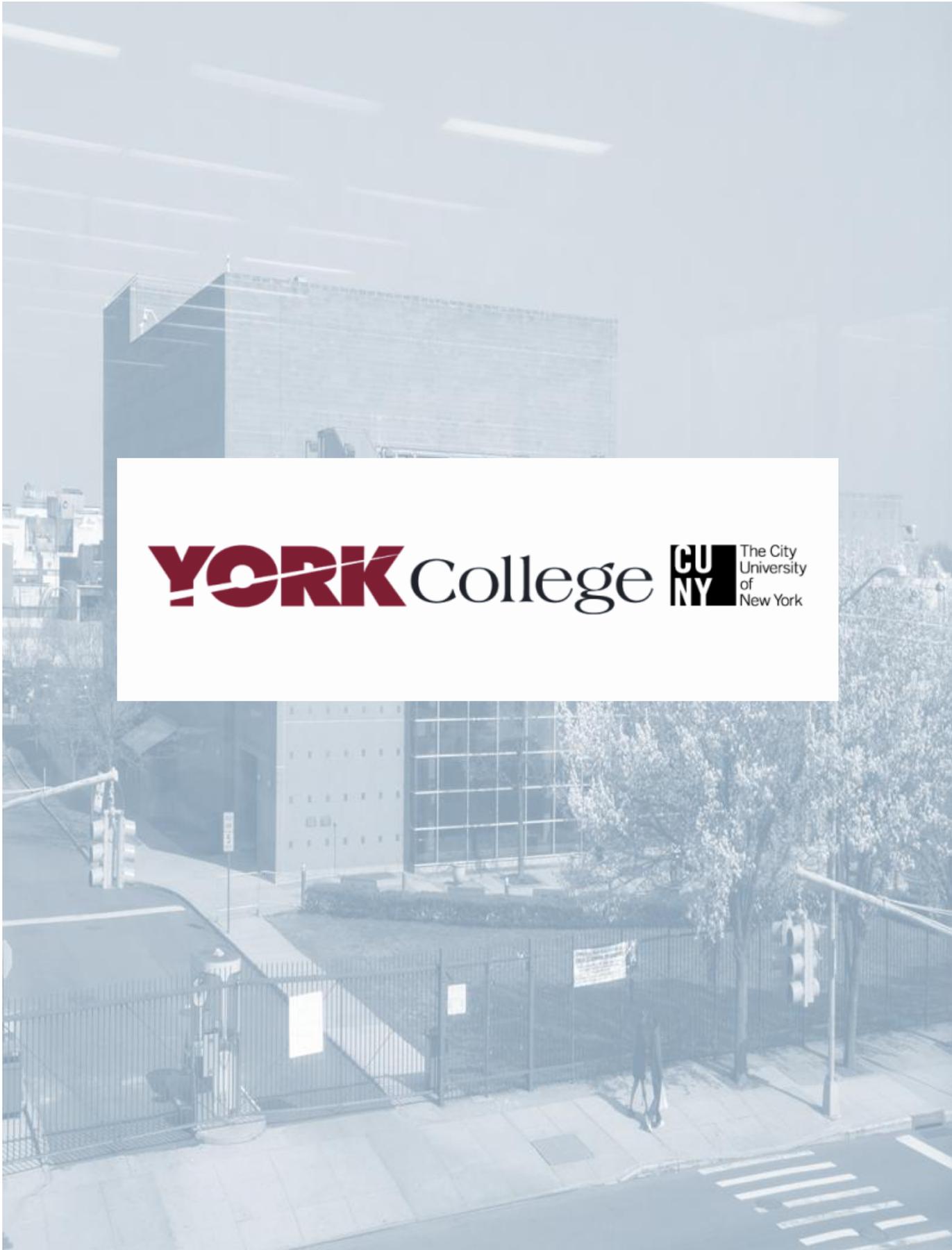
**Marjorie Thomas**

Assistant to the Grants Accountant

718-262-5249 – Phone

718-262-2193 – Fax

[Mthomas@york.cuny.edu](mailto:Mthomas@york.cuny.edu)



**YORK** College **CUNY** The City University of New York