

Office of Research Administration

ANNUAL REPORT 2010 - 2011

THE CITY COLLEGE OF NEW YORK
THE CITY UNIVERSITY OF NEW YORK



TABLE OF CONTENTS

Introduction

Summary of Awards

Section A:

Letter from the Acting Director

New Awards by College Unit

Administration	A - 1
Architecture	A - 3
Humanities	A - 4
Science	A - 5
Social Science	A - 12
Education	A - 16
Engineering	A - 18
Medical School	A - 32

Section B:

New Awards by Sponsor

City	B - 1
Corporations	B - 4
Federal	B - 11
Private	B - 25
State	B - 37

Section C:

PSC-CUNY Research Award Program

Administration	C - 1
Humanities	C - 1
Science	C - 3
Social Science	C - 5
Education	C - 6
Engineering	C - 7
Medical School	C - 8

Section D:

CUNY Programs

Science	D - 1
Engineering	D - 1

Section E:

New Awards by Institutes

CUNY CREST	E - 1
CUNY CREST Crossroads Initiative	E - 5
CUNY Dominican Studies Institute	E - 5
CUNY Energy Institute	E - 5
CUNY Institute for Urban Systems	E - 7
CUNY Institute for Transportation Systems	E - 8
CUNY Institute for Ultrafast Spectroscopy and Lasers (IUSL)	E - 9
CUNY Benjamin Levich Institute for Physico-Chemical Hydrodynamics	E - 11
CUNY Institute for Macromolecular Assemblies (MMA)	E - 11



Shepard Hall, Room 16
160 Convent Avenue
New York, New York 10031

TEL: 212-650-5418
FAX: 212-650-7906
www.ccny.cuny.edu/ora

RESEARCH ADMINISTRATION

October 2011

We are pleased to present the report of Sponsored Programs activity for the City College of CUNY during the fiscal year of July 1, 2010 through June 20, 2011.

City College's faculty and staff members continue to bring in millions of dollars in sponsored support. During this fiscal year, the total of external support received by the college was in excess of \$66,000,000. In addition, the college received \$374,388 in PSC-CUNY awards and \$60,000 in CUNY Collaborative awards.

We hope you find the attached report both interesting and informative. These extraordinary totals of grants and awards are a testament to the talent and expertise of our faculty and staff.

A special thanks goes to Leonard Wilson for putting this report together.

Sincerely,

A handwritten signature in blue ink that reads "Adam Greenberg".

Adam Greenberg
Acting Director

SUMMARY OF AWARDS



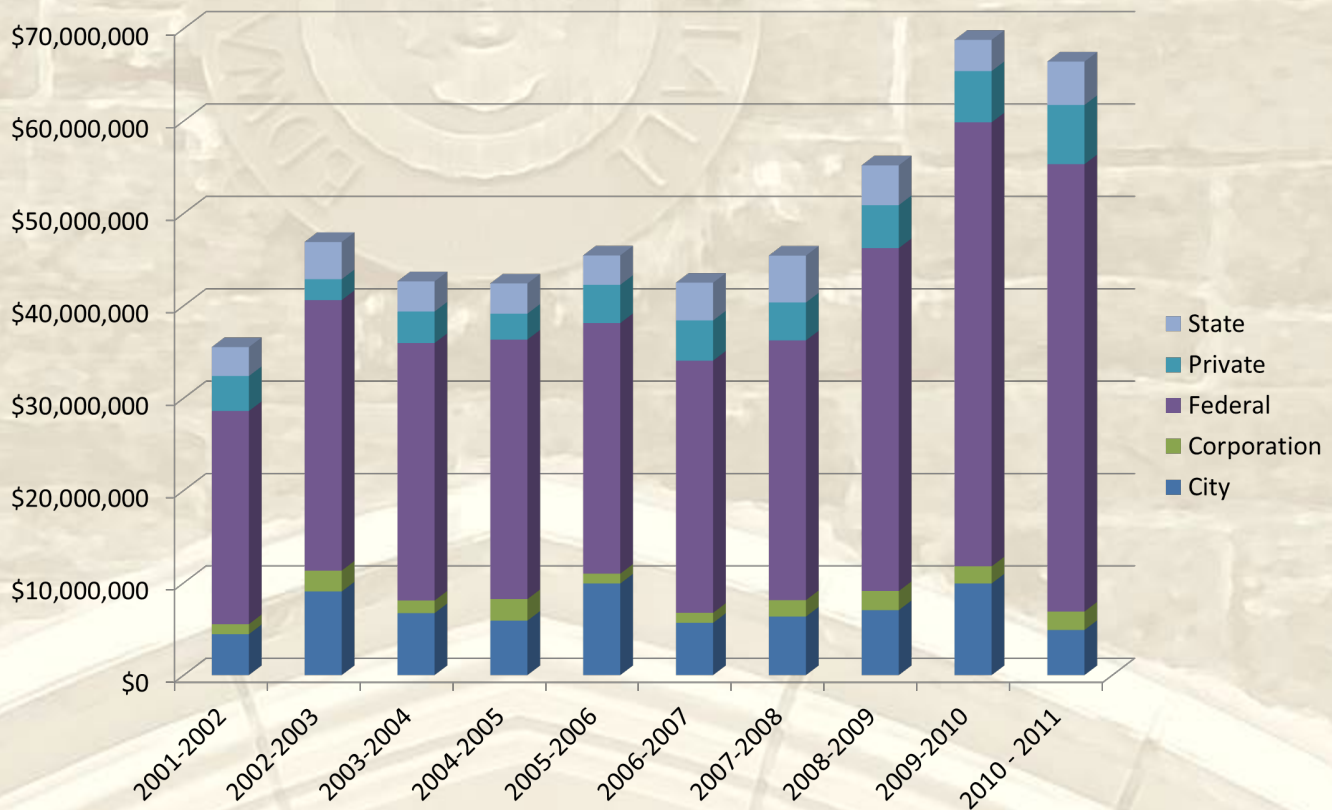
**Summary of New Awards
FY 7/1/2010 - 6/30/2011**

		City	Collaborative	Corporation / Pass- Through	Federal	Private / Pass- Through	Psc-Cuny	State	External Funding	Internal Funding	Total Funding
Administration											
	Administration	-	-	-	\$2,438,552	-	-	\$93,440	\$2,531,992	-	\$2,531,992
	Center for Worker Education	-	-	-	-	-	\$6,223	-	-	\$6,223	\$6,223
	Continuing and Professional Studies	\$1,149,984	-	-	-	-	-	\$584,387	\$1,734,371	-	\$1,734,371
	Student Support Services	-	-	-	\$542,734	-	-	-	\$542,734	-	\$542,734
	Urban and Government Affairs	-	-	-	\$311,462	-	-	\$506,868	\$818,330	-	\$818,330
	Administration Total	\$1,149,984	-	-	\$3,292,748	-	\$6,223	\$1,184,695	\$5,627,427	\$6,223	\$5,633,650
College of Liberal Arts and Science											
Humanities											
	Art	-	-	-	-	-	\$34,774	-	-	\$34,774	\$34,774
	English	-	-	-	-	-	\$15,231	-	-	\$15,231	\$15,231
	Foreign Language & Literature	-	-	-	-	-	\$3,500	-	-	\$3,500	\$3,500
	History	-	-	-	-	-	\$24,360	-	-	\$24,360	\$24,360
	Media and Communication Arts	-	-	-	-	-	\$3,358	-	-	\$3,358	\$3,358
	Philosophy	-	-	-	-	\$39,950	\$3,990	-	\$39,950	\$3,990	\$43,940
	Theatre	-	-	-	-	-	\$10,800	-	-	\$10,800	\$10,800
	CLAS - Humanities Total	-	-	-	-	\$39,950	\$96,012	-	\$39,950	\$96,012	\$135,962
Science											
	Biology	-	-	-	\$5,247,733	\$10,000	\$16,495	-	\$5,257,733	\$16,495	\$5,274,228
	Chemistry	-	-	\$127,761	\$5,729,276	\$360,187	\$39,484	\$149,598	\$6,366,822	\$39,484	\$6,406,306
	Earth and Atmospheric Sciences	-	-	-	\$702,899	\$18,112	\$5,999	\$35,660	\$756,671	\$5,999	\$762,670
	Mathematics	-	-	-	\$294,590	-	\$40,183	-	\$294,590	\$40,183	\$334,773
	Physics	\$9,000	\$30,000	\$276,761	\$3,223,088	\$214,583	\$21,398	-	\$3,723,432	\$51,398	\$3,774,830
	CLAS - Science Total	\$9,000	\$30,000	\$404,522	\$15,197,586	\$602,882	\$123,560	\$185,258	\$16,399,248	\$153,560	\$16,552,807
Social Sciences											
	Anthropology	-	-	-	\$117,077	-	-	-	\$117,077	-	\$117,077
	Dean	\$390,457	-	-	-	-	-	-	\$390,457	-	\$390,457
	Economics	-	-	-	\$7,500	\$31,488	\$8,900	-	\$38,988	\$8,900	\$47,888
	Political Science	-	-	-	-	\$664,642	\$10,785	-	\$664,642	\$10,785	\$675,427
	Psychology	\$24,707	-	-	\$1,647,545	\$105,039	\$4,783	\$334,442	\$2,111,733	\$4,783	\$2,116,516
	Sociology	\$720,000	-	-	\$80,000	\$5,900	\$7,490	-	\$805,900	\$7,490	\$813,390
	CLAS - Social Sciences Total	\$1,135,164	-	-	\$1,852,122	\$807,069	\$31,957	\$334,442	\$4,128,797	\$31,957	\$4,160,754

**Summary of New Awards
FY 7/1/2010 - 6/30/2011**

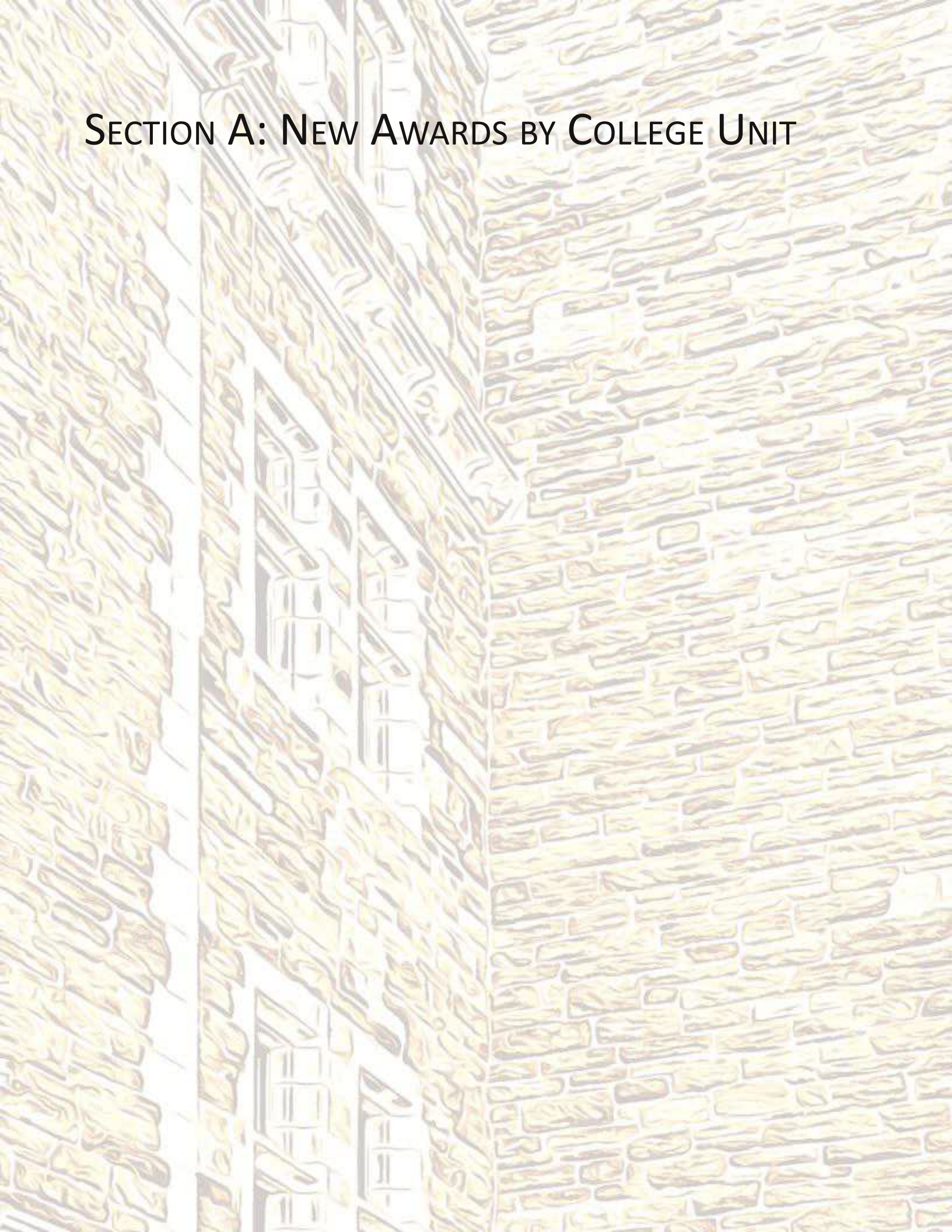
		City	Collaborative	Corporation / Pass- Through	Federal	Private / Pass- Through	Psc-Cuny	State	External Funding	Internal Funding	Total Funding
Medical School											
	Administration	-	-	-	-	-	-	\$363,598	\$363,598	-	\$363,598
	Behavioral Medicine	-	-	-	-	\$19,681	-	-	\$19,681	-	\$19,681
	Cell Biology & Anatomical Science	-	-	-	-	-	\$4,000	-	-	\$4,000	\$4,000
	CHASM	-	-	-	-	\$235,622	\$3,416	-	\$235,622	\$3,416	\$239,038
	Microbiology/ Immunology	-	-	\$2,500	\$720,374	-	-	-	\$722,874	-	\$722,874
	Physiology/Pharmacology	\$253,250	-	\$284,441	\$1,215,102	\$569,670	\$5,860	-	\$2,322,463	\$5,860	\$2,328,323
	Medical School Total	\$253,250	-	\$286,941	\$1,935,476	\$824,973	\$13,276	\$363,598	\$3,664,238	\$13,276	\$3,677,514
Architecture											
	Architecture	-	-	\$50,000	-	-	-	-	\$50,000	-	\$50,000
	Architecture Total	-	-	\$50,000	-	-	-	-	\$50,000	-	\$50,000
Education											
	Dean	\$388,740	-	-	-	-	-	-	\$388,740	-	\$388,740
	Education	\$602,533	-	-	\$728,819	\$347,711	\$9,175	\$102,445	\$1,781,508	\$9,175	\$1,790,683
	Education Total	\$991,273	-	-	\$728,819	\$347,711	\$9,175	\$102,445	\$2,170,248	\$9,175	\$2,179,423
Engineering											
	Dean	-	-	-	\$14,960	\$25,000	-	\$110,870	\$150,830	-	\$150,830
	Biomedical Engineering	-	-	\$100,000	\$3,787,892	\$386,447	\$5,995	-	\$4,274,339	\$5,995	\$4,280,334
	Chemical Engineering	-	-	\$390,096	\$5,409,970	\$103,570	-	\$1,000,000	\$6,903,636	-	\$6,903,636
	Civil Engineering	\$1,348,873	-	\$94,192	\$10,354,517	\$1,750,808	\$17,621	\$402,114	\$13,950,504	\$17,621	\$13,968,125
	Computer Science	-	-	\$15,540	\$359,039	\$21,826	\$18,614	-	\$396,405	\$18,614	\$415,019
	CUNY Institute for Urban Systems	-	-	-	\$160,610	\$219,085	-	\$95,000	\$474,695	-	\$474,695
	Electrical Engineering	-	\$30,000	\$625,040	\$1,333,293	\$1,255,932	\$29,954	\$921,200	\$4,135,465	\$59,954	\$4,195,419
	Mechanical Engineering	-	-	\$28,342	\$4,001,107	\$26,300	\$22,000	-	\$4,055,749	\$22,000	\$4,077,749
	Engineering Total	\$1,348,873	\$30,000	\$1,253,210	\$25,421,388	\$3,788,968	\$94,185	\$2,529,184	\$34,341,622	\$124,185	\$34,465,807
Grand Total		\$4,887,544	\$60,000	\$1,994,672	\$48,428,139	\$6,411,552	\$374,388	\$4,699,622	\$66,421,529	\$434,388	\$66,855,917

EXTERNAL FUNDING TEN YEAR HISTORY

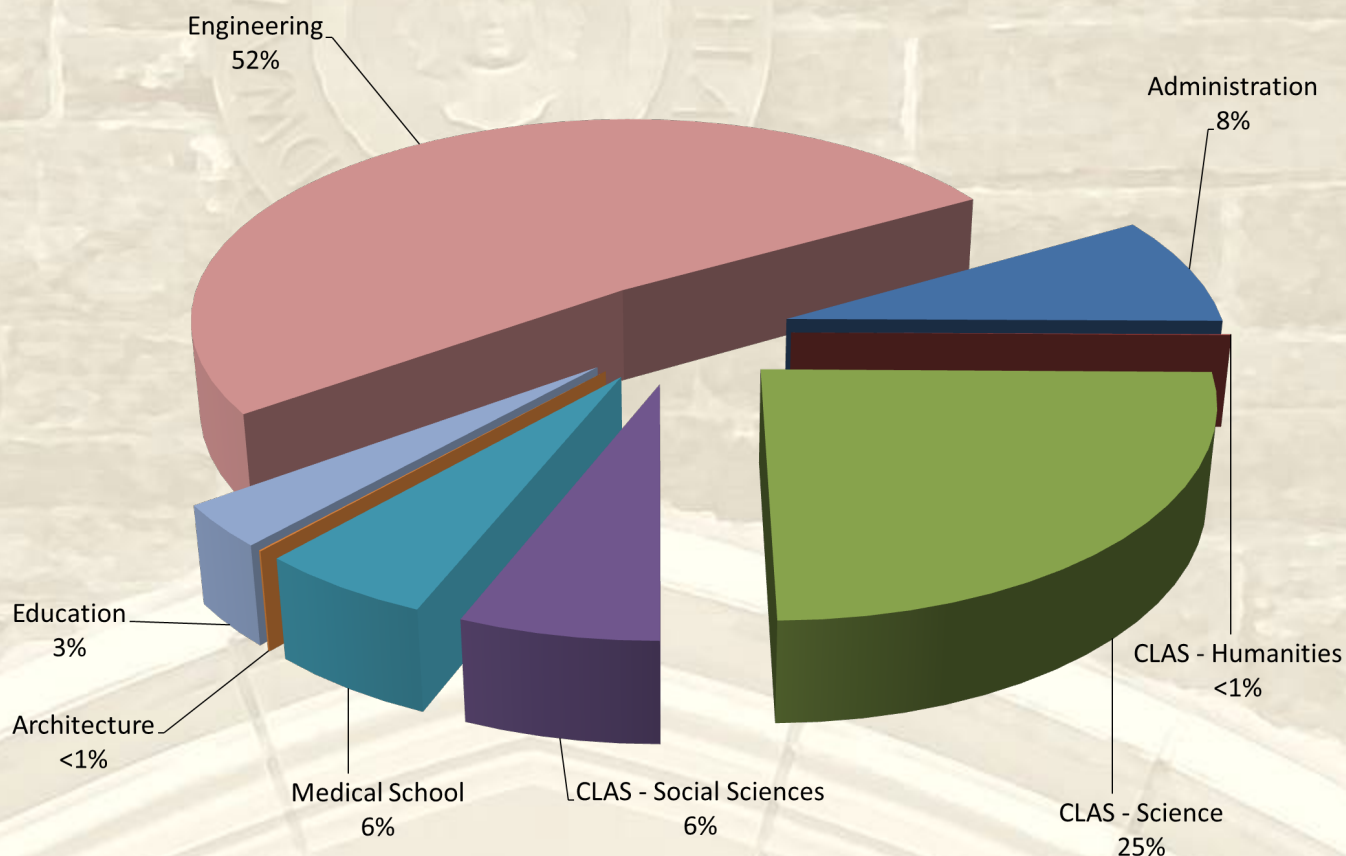


Fiscal Year	City	Corporation / Pass-Through	Federal	Private / Pass- Through	State	Total
2001 - 2002	\$4,432,946	\$1,083,071	\$23,073,190	\$3,787,311	\$3,133,639	\$35,510,157
2002 - 2003	\$9,053,052	\$2,261,266	\$29,287,392	\$2,259,645	\$4,031,735	\$46,893,090
2003 - 2004	\$6,712,672	\$1,359,086	\$27,881,668	\$3,409,815	\$3,268,966	\$42,632,207
2004 - 2005	\$5,891,950	\$2,334,056	\$28,103,550	\$2,803,200	\$3,270,017	\$42,402,773
2005 - 2006	\$9,915,030	\$1,062,742	\$27,134,050	\$4,142,344	\$3,182,250	\$45,436,416
2006 - 2007	\$5,655,875	\$1,088,276	\$27,302,493	\$4,349,821	\$4,088,569	\$42,485,034
2007 - 2008	\$6,337,384	\$1,779,646	\$28,117,150	\$4,103,105	\$5,081,815	\$45,419,100
2008 - 2009	\$7,034,516	\$2,068,355	\$37,125,096	\$4,652,448	\$4,308,931	\$55,189,346
2009 - 2010	\$9,924,891	\$1,847,692	\$48,073,269	\$5,549,168	\$3,375,472	\$68,770,492
2010 - 2011	\$4,887,544	\$1,994,672	\$48,428,139	\$6,411,552	\$4,699,622	\$66,421,529

SECTION A: NEW AWARDS BY COLLEGE UNIT

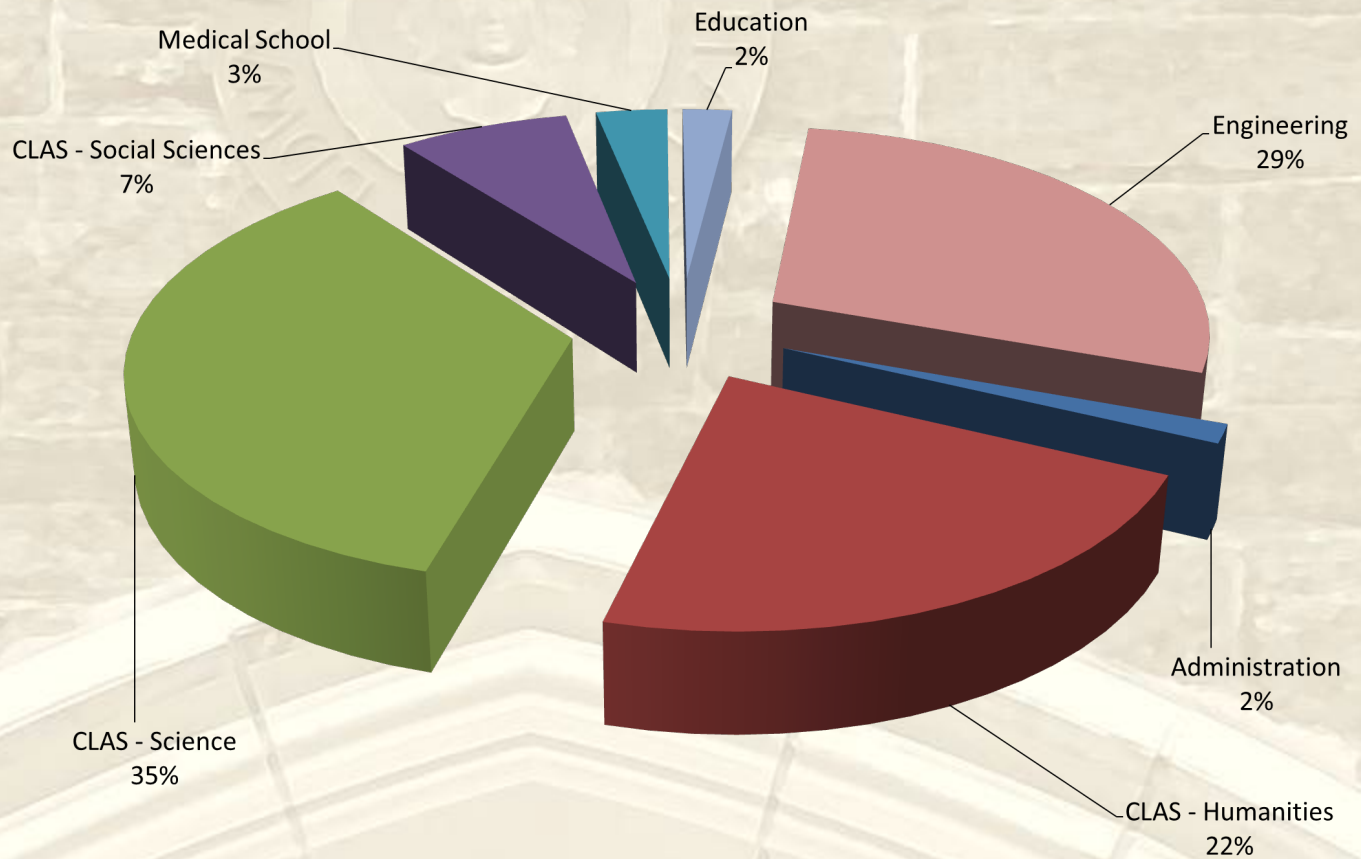


EXTERNAL FUNDING BY COLLEGE UNIT



Organization	Amount
Administration	\$5,627,427
CLAS - Humanities	\$39,950
CLAS - Science	\$16,399,248
CLAS - Social Sciences	\$4,128,797
Medical School	\$3,664,238
Architecture	\$50,000
Education	\$2,170,248
Engineering	\$34,341,623
Total	\$66,421,531

INTERNAL FUNDING BY COLLEGE UNIT



Organization	Amount
Administration	\$6,223
CLAS - Humanities	\$96,012
CLAS - Science	\$153,560
CLAS - Social Sciences	\$31,957
Medical School	\$13,276
Education	\$9,175
Engineering	\$124,185
Total	\$434,388

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>Administration</u>						
Administration						
Lemons, Daniel E. Levinsky, Craig	46351-00-01	US DEPT OF ED	9/28/2010 New	\$635,297	10/1/2010 9/30/2011	Increasing Retention and Graduation Rates through Enhanced Pedagogy and Improved Technology
Pearsall, Betty Thornton, Latrella	59074-04-18	NYS OCFS	3/1/2011 Continuation	\$93,440	8/1/2009 7/31/2010	Child Care Development Block Grant
Staiano-Coico, Lisa Guyden, Jerry	41402-00-25	NIH	8/6/2010 Continuation	\$1,803,255	8/1/2009 7/31/2011	Bridge Funding: Cellular Molecular Bases of Development: Research Center
Total For Dept: Administration				\$2,531,992		
Continuing and Professional Studies						
Mackey-McGee, Sharon Baldi, Carlo	57106-04-17	NYC MAYORS OFFICE	7/1/2010 Continuation	\$139,067	7/1/2010 6/30/2011	Adult Literacy Program
Mackey-McGee, Sharon Baldi, Carlo	54896-05-13	NYS ED DEPT	10/1/2010 Continuation	\$364,080	7/1/2010 6/30/2011	Workforce Investment Act
Mackey-McGee, Sharon	57139-02-11	NYC HRA	7/1/2010 Continuation	\$399,654	7/1/2010 6/30/2011	Poised for Success
Mackey-McGee, Sharon	57139-13-11	NYC HRA	7/1/2010 Continuation	\$115,049	7/1/2010 6/30/2011	Poised at Home
Mackey-McGee, Sharon	57139-08-11	NYC HRA	7/1/2010 Continuation	\$97,976	7/1/2010 6/30/2011	Poised for Success
Mackey-McGee, Sharon	58234-00-01	NYC HOUSING	10/4/2010 Continuation	\$7,760	10/4/2007 10/1/2010	Resident Choice Initiatives II
Mackey-McGee, Sharon	53239-00-03	NYS ED DEPT	10/27/2010 Continuation	\$97,913	7/1/2010 6/30/2011	Workforce Investiment Act - Title II
Mackey-McGee, Sharon	58291-00-01	NYC HOUSING	9/15/2010 Continuation	\$155,000	3/19/2009 1/31/2012	Computers and Career Essentials
Mackey-McGee, Sharon	53245-00-02	NYS ED DEPT	9/28/2010	\$122,394	7/1/2010	2009-2011 Adult Literacy Education

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Mackey-McGee, Sharon	58312-00-01	NYC HOUSING	Continuation	\$235,478	6/30/2011	Resident Choice Initiative III
			11/29/2010		8/18/2009	
			Continuation		6/8/2011	
Total For Dept: Continuing and Professional Studies				\$1,734,371		
Student Support Services						
Thangaraj, Elizabeth	46335-00-01	US DEPT OF ED	8/12/2010 New	\$542,734	9/1/2010 8/31/2011	City College Student Support Service Program
Total For Dept: Student Support Services				\$542,734		
Urban and Government Affairs						
Witherspoon, Karen Job, Yuri	50037-00-16	NYS ED DEPT	7/1/2010 Continuation	\$506,868	9/1/2009 8/31/2010	Liberty Partnerships Program
Witherspoon, Karen Job, Yuri	46282-00-04	US DEPT OF ED	7/1/2010 Continuation	\$311,462	9/1/2010 8/31/2011	Upward Bound
Total For Dept: Urban and Government Affairs				\$818,330		
Total For School: Administration				\$5,627,427		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>Architecture</u>						
<u>Architecture</u>						
Volkman, Christian	76093-00-01	ALLIANCE FOR SUST.	2/1/2011 New	\$50,000	2/1/2011 11/22/2011	Solar RoofPod
<i>Total For Dept: Architecture</i>				<i>\$50,000</i>		
<u>Total For School: Architecture</u>				<u>\$50,000</u>		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>CLAS - Humanities</u>						
<i>Philosophy</i>						
Morton, Jennifer	76080-00-01	SPENCER FDT	9/23/2010 New	\$39,950	8/1/2011 7/31/2012	The Value of Non-Cognitive Dispositions: A Challenge for Educational Equality
<i>Total For Dept: Philosophy</i>				\$39,950		
<u>Total For School: CLAS - Humanities</u>				\$39,950		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>CLAS - Science</u>						
<i>Biology</i>						
Berkov, Amy	76050-00-01	ANONYMOUS	8/1/2010 New	\$10,000	8/1/2010 7/31/2011	Panama Canal Amplification: Making the Best of a Clear-Cut Situation
Carnaval, Ana	40B18-00-01	NSF	11/1/2010 New	\$49,965	11/1/2010 10/31/2011	Why are Mountains so Diverse? An Evolutionary Biogeographic Study of High Elevation Herpetiles in the Brazilian Atlantic Forest Hotspot
Hoskins, Sally	40A86-00-01	NSF	8/16/2010 New	\$599,875	12/1/2010 11/30/2014	Extending CREATE Demographically and Geographically, to Test Its Efficacy on Diverse Populations of Learners at 2 Year and 4 Year Institutions
Hubbard, Karen	41660-00-03	NIH	9/1/2010 Continuation	\$1,733,361	9/1/2010 8/31/2011	CCNY-MSKCC Partnership for Research, Training and Community Outreach
Janakiraman, Anuradha	41672-00-03	NIH	1/28/2011 Continuation	\$138,600	2/1/2011 1/31/2012	SCORE: Characterization of the Molecular Mechanisms of Cell Division in Escherichia Coli
Li, Christine	40034-00-01	NSF	6/23/2011 Continuation	\$6,000	1/1/2009 12/31/2011	Function of C. Elegans APL-1 in Molting
Li, Christine	41703-00-02	NIH	7/6/2010 Continuation	\$312,543	8/1/2010 7/31/2011	Role of APL-1, a C.Elegans Protein Related to Human Amyloid Precursor Protein
Pezzano, Mark	41639-00-03	NIH	7/1/2010 Continuation	\$266,805	7/1/2010 6/30/2011	SCORE: Crosstalk Control of Thymic Epithelial Development
Rodriguez-Contreras,	41753-00-01	NIH	7/6/2010 New	\$231,000	7/6/2010 5/31/2011	SCORE: Activity of Neuronal Ensembles During Development of Tonotopic Maps in the Auditory System
Saleque, Shireen	41773-00-02	NIH	11/26/2010 Continuation	\$385,000	12/1/2010 11/30/2011	Genetic and Epigenetic Regulation of Hematopoiesis
Sharma, Sudha	41766-00-01	NIH	8/20/2010 New	\$327,555	9/1/2010 8/31/2011	Molecular Analyses of RECQ1 Functions in Genome Maintenance

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Tchernichovski, Ofer	41445-00-11	NIH	7/1/2010 Continuation	\$259,182	7/1/2010 6/30/2011	Behavioral Mechanisms of Vocal Imitation
Tchernichovski, Ofer	40A63-00-01	NSF	7/1/2010 New	\$339,647	7/1/2010 6/30/2015	Collaborative Research: Development of Song Culture in Zebra Finches-Vocal and Sensory Changes Over Generations
Wallman, Josh	41697-00-02	NIH	7/15/2010 Continuation	\$231,000	8/1/2010 7/31/2011	ARRA: Is Saccade Adaptation Guided by Reinforcement (ARRA)
Wallman, Josh	41455-00-32	NIH	3/21/2011 Continuation	\$367,200	5/1/2011 4/30/2012	Role of Vision In Etiology of Axial Myopia
Total For Dept: Biology				\$5,257,733		
Chemistry						
Akins, Daniel	75677-00-01	COLUMBIA UNIV	12/3/2010 Continuation	\$135,430	9/1/2006 8/31/2012	Columbia Center for Electron Transport in Molecular Nanostructures
Akins, Daniel Couzis, Alexander Gayen, Swapan Tamargo, Maria	40078-00-01	NSF	9/8/2010 Continuation	\$1,000,000	8/1/2008 9/30/2013	CREST: Center for Exploration of Nanostructures in Sensors and Energy Systems (CENSES)
Akins, Daniel	76096-00-01	SUSTAINABLE	2/11/2011 New	\$69,999	2/1/2011 1/31/2012	SBIR Phase II: Development of Hydrogen/Halogen Fuel Cell Technology for Renewables Based Energy Storage
Bandosz, Teresa	47189-00-01	ARMY RSH OFFICE	6/28/2011 Continuation	\$129,761	1/12/2010 1/11/2013	Nanoengineered Carbon-Based Materials for Reactive Adsorption of Toxic Industrial Compounds
Bandosz, Teresa	76048-00-01	CLOROX	7/29/2010 New	\$8,000	7/1/2010 6/30/2011	Steam and CO2 Activation
Bandosz, Teresa	76079-00-01	AVON PROTECTION	12/3/2010 New	\$14,950	12/1/2010 11/30/2011	Synthesis and Deposition of Graphite Oxide, Copper Based MOF and GO/MOF Composite on Filter Cloth Materials
Bandosz, Teresa	76091-00-01	PURPLE DOOR	2/18/2011 New	\$14,585	1/1/2011 12/31/2011	Activated Carbon vs. Baking Soda as Odor Removing Media

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Bandosz, Teresa	76079-01-01	AVON PROTECTION	5/12/2011 New	\$5,370	12/1/2010 11/30/2011	Synthesis and Decomposition of Graphite Oxide, Copper Based MOF and GO/MOF Composite on Filter Cloth Materials
Bandosz, Teresa Steingart, Daniel	76073-02-01	CON EDISON	6/15/2011 New	\$14,857	6/1/2011 1/31/2012	Graphene MnO ₂
Bandosz, Teresa Steingart, Daniel	47836-02-01	DOE	6/8/2011 New	\$21,574	9/29/2010 9/28/2012	Graphene MnO ₂
Biscoe, Mark	76059-00-01	ACS/PRF	9/21/2010 New	\$65,500	9/1/2010 8/31/2012	Fluorophobic Effects in Homogeneous Catalysis
Bu, Zimei	41749-00-04	NIH	11/12/2010 Continuation	\$349,919	7/1/2010 6/30/2011	Structure and Dynamic Determinants of Ion Channel Assembly by Adapter Proteins
Bu, Zimei	41749-01-04	NIH	7/19/2010 New	\$196,484	7/1/2010 6/30/2011	ARRA: Structure and Dynamic Determinants of Ion Channel Assembly by Adapter Proteins
Ghose, Ranajeet	41663-00-03	NIH	12/1/2010 Continuation	\$323,465	12/1/2010 11/30/2011	Catalytic Domain Dynamics in Protein Kinases
Ghose, Ranajeet	40089-00-01	NSF	1/20/2011 Continuation	\$222,536	3/1/2009 2/29/2012	Structure/Dynamics/Function Correlations in the Cystoviral Polymerase
Green, Michael	75793-00-01	VARIOUS	11/16/2010 Continuation	\$47,000	12/1/2007 12/31/2011	Quantum Calculation of Proteins
John, George	40A89-00-01	NSF	8/23/2010 New	\$67,988	9/1/2010 8/31/2012	Sugar-Based Recyclable Phase- Selective Gelators for Oil Spill Remediation
Lazaridis, Themis	41680-00-03	NIH	3/11/2011 Continuation	\$235,313	4/1/2011 3/31/2012	Modeling Membrane Binding and Permeabilization by Antimicrobial Peptides
O'Brien, Stephen Steingart, Daniel	55814-00-01	NYS ERDA	2/24/2011 New	\$149,598	9/28/2010 9/28/2012	Metacapacitors: Transformational Low Cost, High Performance Scalable Dielectric Materials
O'Brien, Stephen Banerjee, Sanjoy	47832-00-01	DOE	9/1/2010 New	\$1,568,278	9/1/2010 8/31/2013	Metacapacitors

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Couzis, Alexander Steingart, Daniel						
Ryan, Kevin	41668-00-03	NIH	12/28/2010 Continuation	\$242,550	1/1/2011 12/31/2011	Protein Phosphorylationin Pre-mRNA 3' Cleavage
Salame, Issa	40A74-01-01	NSF	8/1/2010 New	\$87,278	8/1/2010 7/31/2011	Computer-Based Analytical Methods
Stark, Ruth	40951-00-01	NSF	1/20/2011 Continuation	\$104,916	3/1/2008 2/29/2012	RCN: Emerging Methodologies for Molecular Structure Determination in Biological Solids
Stark, Ruth	75966-00-02	A. EINSTEIN COLL OF	7/21/2010 Continuation	\$112,257	7/1/2010 6/30/2011	Biology of Fungal Melanin
Stark, Ruth	40090-00-01	NSF	1/20/2011 Continuation	\$201,707	1/15/2009 12/31/2011	Molecular Structure and Biomechanics of Plant Cuticular Membranes
Steinberg, Mark	41698-00-02	NIH	7/1/2010 Continuation	\$115,500	7/1/2010 6/30/2011	SCORE: Activation of the Cyclin D1 Promoter by Arsenite
Steinberg, Mark	41399-00-10	NIH	9/2/2010 New	\$662,007	9/1/2010 8/31/2011	Research Support for Biomedical Careers at CCNY
Tamargo, Maria	47829-00-02	DOE	2/1/2011 Continuation	\$200,000	1/1/2011 12/31/2011	Synthesis and Engineering of Submonolayer Type-II Quantum Dots to Enhance Material Properties of Wide Bandgap Semiconductors
Total For Dept: Chemistry				\$6,366,822		
Earth and Atmospheric Sciences						
Block, Karin	40A72-00-01	NSF	7/13/2010 New	\$249,650	7/1/2010 6/30/2013	CCLI: The Geoscience Students Data Network: A Cyberinfrastructure-Based Approach for Collaborative Classroom-, Field-, and Laboratory-Based
Luo, Zhengzhao	75963-00-01	COLORADO STATE	7/22/2010 Continuation	\$18,112	5/5/2009 5/4/2012	On the Maintenance and Use of A-Train Simulators to Evaluate the Cloudiness and Precipitation Parameterizations of Global Models
Luo, Zhengzhao Rossow, William	49148-00-01	NOAA	3/31/2011 Continuation	\$161,970	5/1/2010 4/30/2013	Creating UTH-Related FCDRs from Thermal and Microwave Sensors Cross-

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
						Calibrated by in-Situ Measurements from Commercial Aircraft
Luo, Zhengzhao Rossow, William	49683-00-01	NASA	11/24/2010 Continuation	\$206,670	6/16/2010 6/15/2013	Tropical Convective Processes: New Insights from Satellite/Modelling Perspective and Framework for Evaluating Cumulus Parameterization
Raia, Federica Borman, Greg	50089-00-10	NYS ED DEPT	12/16/2010 Continuation	\$35,660	9/1/2010 8/31/2011	Synergistic Science: A School- College Learning Community to Improve Science Teaching and Learning in Grades 5-9
Tedesco, Marco	49688-00-01	NASA	6/7/2011 New	\$84,609	5/3/2011 5/2/2014	Maintenance and Moderate Refinement of the NASA AMSR-E SWE Operational Product
Total For Dept: Earth and Atmospheric Sciences				\$756,671		
Mathematics						
Baumslag, Gilbert Cleary, Sean	40B29-00-01	NSF	1/3/2011 New	\$20,000	1/15/2011 12/31/2011	Finitely Presented Solvable Groups at The City College of New York
Hooper, William	40B37-00-01	NSF	4/4/2011 New	\$142,962	6/1/2011 5/31/2014	Ergodic Theory of Infinite Interval Exchange Transformations
Santoro, Bianca	40B01-00-01	NSF	8/27/2010 New	\$131,628	9/1/2010 8/31/2013	Special Metrics on Manifolds
Total For Dept: Mathematics				\$294,590		
Physics						
Alfano, Robert	47186-00-01	ARMY RSH OFFICE	4/20/2011 Continuation	\$140,000	9/20/2009 5/24/2012	Active Ballistic Signal Propagation and Imaging Using Vortex Beams
Alfano, Robert	76095-00-01	VIXAR INC.	2/28/2011 New	\$68,011	8/1/2010 8/1/2011	Fluorescence and Raman of Cancer Contrast Agent and Chlorophyll in Plants with VCSEL Diode Lasers Excitation
Alfano, Robert	71198-01-05	CORNING INC	12/22/2010 New	\$100,000	1/1/2011 12/31/2011	Hybrid Vector Beam Generator

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Birman, Joseph Potasek, Mary J	75765-00-02	SIMPHO TEK	8/23/2010 Continuation	\$56,250	9/7/2018 9/16/2010	Investigation of Light Interaction with Organic Materials and Semiconductor Nanostructures
Gayen, Swapan Tamargo, Maria	47171-00-01	ARMY RSH OFFICE	4/18/2011 Continuation	\$355,039	9/1/2008 8/31/2011	Nanoscale Photonic and Optoelectronic Materials and Devices
Greenberger, Daniel	76317-00-01	JOHN TEMPELTON	5/25/2011 New	\$93,455	6/1/2011 6/30/2013	The Nature of Time in Quantum Theory, and Its Relationship to Measurement
Gunner, Marilyn	47823-00-01	DOE	9/24/2010 Continuation	\$181,198	9/1/2009 8/31/2011	Studies of Photosynthetic Reaction Centers and Biomimetic Systems
Gunner, Marilyn	76002-00-01	U OF WISCONSIN	10/28/2010 Continuation	\$39,270	12/1/2009 7/31/2011	ARRA: QM/MM Analysis of Redox Driven Proton Pumping
Gunner, Marilyn	40A64-00-01	NSF	7/1/2010 New	\$411,979	7/1/2010 7/31/2011	Calculating Ligand Binding and Charge Stabilization in Proteins
Gunner, Marilyn Koder, Ronald	76062-00-01	PHOEBUS	9/30/2010 New	\$45,000	9/1/2010 6/30/2011	A Hybrid Metamaterial for Solar Methanol Generation
Gunner, Marilyn	78448-00-01	CUNY MISC	4/1/2011 New	\$9,000	3/1/2011 2/28/2012	Physics Department Seminars
Koder, Ronald Crouse, David	47194-00-01	AFOSR	7/6/2010 New	\$315,815	7/15/2010 7/14/2013	Hybrid Metamaterials for Solar Biofuel Generation
Koder, Ronald	47200-00-01	CDMRP	10/15/2010 New	\$1,059,214	1/10/2011 2/9/2014	Designed Proteins as Optimized Oxygen Carriers for Artificial Blood
Koder, Ronald	76064-00-01	MEM SLOAN	10/1/2010 New	\$25,000	7/1/2009 6/30/2011	Computational Design of the Non-Immunogenic Proteins
Koplik, Joel	47813-00-05	DOE	7/1/2010 Continuation	\$95,510	8/15/2010 8/14/2011	Particulate Transport and Sedimentation in Fracture Systems
Makse, Hernan	47807-00-08	DOE	3/25/2011 Continuation	\$122,753	5/1/2011 4/30/2012	Stress-Dependent Acoustic Propagation and Dissipation in Granular Materials
Makse, Hernan	40703-00-01	NSF	7/2/2010 Continuation	\$90,000	9/1/2009 8/31/2012	Statistical Analysis of Jammed Matter
Pu, Yang	47204-00-01	CDMRP	4/1/2011	\$124,200	4/15/2011	Investigation of Ultrafast Energy Transfer

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Alfano, Robert			New		5/14/2013	Dynamics between QD Based Target Contrast Agents and Prostate Cancer Cells
Punnoose, Alexander	75799-00-01	US-ISRAEL BINAT'L SCI	2/1/2011 Continuation	\$14,050	10/1/2007 9/30/2011	Quantum Critical Phenomena in Diffusive Electron Systems
Sarachik, Myriam Punnoose, Alexander	47988-00-22	DOE	7/1/2010 Continuation	\$150,000	9/1/2010 8/31/2011	Thermal Conductivity and Thermopower Near the 2D Metal Insulator Transition
Shattuck, Mark	76055-00-01	INT'L FINE PARTICLE	8/12/2010 New	\$7,500	8/1/2010 7/31/2011	Collaboratory in Dense Particulate Flow
Tu, Jiufeng	75708-00-01	BROOKHAVEN NAT	2/10/2011 Continuation	\$42,808	8/1/2007 1/31/2012	Crystal Growth and Spectroscopic Studies of Low Dimensional Electron Systems (Grad. Rsh. Support Z. Xu)
Wang, Wubao Alfano, Robert	47170-00-01	ARMY	11/12/2010 Continuation	\$177,380	9/15/2008 10/14/2011	Development of Rectal Near Infrared Scanning Polarization Imaging Unit and Independent Component Analysis Algorithm for Prostate
Total For Dept: Physics				\$3,723,432		
<u>Total For School: CLAS - Science</u>				\$16,399,248		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>CLAS - Social Science</u>						
<i>Dean</i>						
Hoskin, Marilyn	78429-00-01	CUNY MISC	11/8/2010 Continuation	\$200,800	8/1/2008 6/30/2011	Skadden Honors Program in Legal Studies
Hoskin, Marilyn	78450-00-01	CUNY MISC	4/27/2011 New	\$189,657	6/16/2011 12/1/2011	Donor Funds to Rangel Center
<i>Total For Dept: Dean</i>				<i>\$390,457</i>		
<u>Total For School: CLAS - Social Science</u>				<i>\$390,457</i>		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>CLAS - Social Sciences</u>						
<i>Anthropology</i>						
Wall, Diana	40B34-00-01	NSF	3/16/2011 New	\$117,077	5/15/2011 4/30/2012	REU Site: The Archaeological Study of Seneca Village, a 19th Century African-American and Irish Immigrant Community in Today's Central Park
Total For Dept: Anthropology				\$117,077		
<i>Economics</i>						
Binz-Scharf, Maria	75718-00-03	HARVARD UNIVERSITY	1/20/2011 Continuation	\$9,450	9/1/2007 8/31/2010	Sharing Innovation Across Government Organizations
Binz-Scharf, Maria Caplan, Avrom Paik, Leslie	40A18-00-01	NSF	3/10/2011 Continuation	\$7,500	9/15/2009 8/31/2012	VOSS: New Generations of Scientific Knowledge in Collaboratories
De, Prabal K.	76063-00-01	MEM SLOAN	10/7/2010 New	\$22,038	1/1/2010 6/30/2011	Ethnic Differences in the Impact of Breast Cancer on Employment Status and Quality of Life
Total For Dept: Economics				\$38,988		
<i>Political Science</i>						
Boudreau, Vincent	78415-00-01	VARIOUS	12/16/2010 Continuation	\$664,642	7/1/2006 6/30/2011	Colin Powell Center for Policy Studies
Total For Dept: Political Science				\$664,642		
<i>Psychology</i>						
Akinsulure-Smith, Adeyinka	41647-06-02	NIMH	8/1/2010 New	\$10,800	2/15/2010 8/31/2010	HIV Knowledge Risk and Protective Factors among West African Refugees, Asylees, and Asylum Seekers in New York City
Fertuck, Eric Hien, Denise	41779-00-05	NIH	5/24/2011 Continuation	\$295,716	2/1/2011 1/31/2012	Social Neuroscience of Borderline Personality Disorder

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Hien, Denise	41654-00-03	NIH	7/1/2010 Continuation	\$617,445	7/1/2010 6/30/2011	A Randomized Trial of Concurrent Treatment for PTSD and Substance Dependence
Hien, Denise	78443-00-01	CUNY MISC	9/30/2010 New	\$24,707	9/1/2010 6/30/2012	Psychological Center Payroll
Hien, Denise	41654-01-03	NIH	5/31/2011 New	\$11,305	7/1/2010 6/30/2011	A Randomized Trial of Concurrent Treatment for PTSD and Substance Dependence
Horvitz, Jon	41659-00-04	NIH	8/16/2010 Continuation	\$308,073	9/1/2010 8/31/2011	Accumbens Coding of Reward Expectation: Electrophysiology and Neuropharmacology
Ro, Tony	40A23-00-01	NSF	8/27/2010 Continuation	\$358,628	10/1/2009 9/30/2012	Cognitive Neuroscience of Visual Awareness
Rosario, Margaret	75999-00-02	HARVARD UNIVERSITY	9/22/2010 Continuation	\$95,039	7/1/2010 6/30/2011	Causes & Impact of Minority Stress on Youth Health & Development Disparities
Roth, Millicent Hecht, Deborah	49222-01-01	CNCS	10/30/2010 Continuation	\$15,789	9/1/2009 8/14/2012	Promoting Health Prevention
Roth, Millicent	50056-00-14	NYS ED DEPT	9/29/2010 Continuation	\$334,442	7/1/2010 6/30/2011	Collegiate Science and Technology Entry Program - CSTEP
Silverstein, Brett	46328-00-01	US DEPT OF ED	6/3/2011 Continuation	\$1,857	6/16/2008 6/15/2011	Rangel Center for Public Service
Smiley, Ellen	72005-03-01	ITHAKA	2/3/2011 New	\$10,000	8/1/2010 5/1/2012	OLI Statistics Course
Snyder, Adam	41732-00-02	NIH	5/25/2011 Continuation	\$27,932	4/1/2011 3/31/2012	The Role of Alpha-Band Oscillations in Feature-Based Selective Attention
Total For Dept: Psychology				\$2,111,733		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<i>Sociology</i>						
Biles, James	40B12-00-01	NSF	9/21/2010 New	\$80,000	10/1/2010 3/31/2014	Reconciling Local Livelihoods and Global Production Networks in Yucatan, Mexico
Chen, Katherine K.	76039-00-01	ASA	7/1/2010 New	\$5,900	8/1/2010 8/1/2012	Sustaining Innovative Organizing in Networks Across Multiple Environments: Naturally Occurring Retirement Communities-Supportive Service
Programs						
Hernandez, Ramona	58078-00-07	NYC CITY COUNCIL	11/4/2010 Continuation	\$720,000	7/1/2010 6/30/2011	Libraries and Archives
<i>Total For Dept: Sociology</i>				<i>\$805,900</i>		
<u>Total For School: CLAS - Social Sciences</u>				<u>\$3,738,340</u>		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>Education</u>						
<u>Dean</u>						
Cintron-Nabi, Doris	57642-01-07	NYC DEPT OF ED	1/25/2011 Continuation	\$5,400	6/1/2006 8/31/2010	New York City Teaching Fellows Program XII
Cintron-Nabi, Doris	57642-01-09	NYC DEPT OF ED	4/6/2011 Continuation	\$383,340	6/1/2007 5/31/2012	New York City Teaching Fellows Program Cohort XIV
Total For Dept: Dean				\$388,740		
<u>Education</u>						
Borman, Greg Semel, Susan	50058-00-14	NYS ED DEPT	10/27/2010 Continuation	\$102,445	7/1/2010 6/30/2011	STEP: Discovery in Science
Cintron-Nabi, Doris	57764-00-02	NYC DEPT OF ED	12/8/2010 Continuation	\$30,500	11/3/2009 6/30/2011	Mathematical Professional Development
Crismond, David Benenson, Gary	57956-00-01	NYC DOE	4/25/2011 New	\$47,790	7/1/2010 6/30/2011	STEM Grant for Manhattan
Epstein, Shira	76312-00-01	KETTERING	4/4/2011 New	\$10,000	3/25/2011 6/29/2012	Fostering Deliberation in Civic Curriculum Design
Falk, Beverly	57932-00-01	NYC DOE	6/15/2011 New	\$10,000	9/1/2010 8/31/2013	Professional Development for Early Childhood Educators
Fosnot, Catherine	57546-00-01	NYC DEPT OF ED	12/30/2010 Continuation	\$342,400	7/1/1999 8/31/2011	Mathematics in the City
Fosnot, Catherine Stylianou, Despina	40065-00-01	NSF	6/3/2011 Continuation	\$400,332	8/15/2008 7/31/2012	R&D: Project Delta: Digital Environments for the Learning and Teaching of Algebra
Mogulescu, John Coppin, Joyce	46256-01-05	US DEPT OF ED	5/18/2011 Continuation	\$100,359	7/21/2010 7/20/2011	Gear Up
Mogulescu, John Coppin, Joyce	72217-01-04	COE	10/13/2010 Continuation	\$183,234	9/1/2010 8/31/2011	College Access/Readiness Program for High School
Smith, Beverly	57930-00-01	NYC DOE	5/11/2011 New	\$171,843	7/1/2010 6/30/2011	Mathematics Science Partnership Grant

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Stylianou, Despina	75192-00-02	VARIOUS	6/24/2011 Continuation	\$154,477	7/1/2010 6/30/2012	Mathematics in the City - Mathematics Education at CCNY
Wyner, Yael	40878-00-01	NSF	7/1/2010 Continuation	\$228,128	9/1/2010 8/31/2011	Collaborative Research: Ecology Disrupted: Using Real Scientific Data About Daily Life to Link Environmental Issues to Ecological Processes
Total For Dept: Education				\$1,781,508		
<u>Total For School: Education</u>				\$2,170,248		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>Engineering</u>						
<u>Dean</u>						
Barba, Joseph	75978-00-01	AMNH	9/7/2010 Continuation	\$25,000	7/1/2009 6/30/2011	Science, Technology, Engineering and Mathematics (STEM) Institute
Barba, Joseph	50257-00-05	NYS ED DEPT	9/14/2010 Continuation	\$110,870	7/1/2010 6/30/2011	CCNY/SCRP STEP Program
Gosser, Yuying	49163-00-01	NIST	6/3/2011 New	\$14,960	5/1/2011 9/30/2011	Fiscal Year 2011Summer Undergraduate Research Fellowship (SURF) NIST Gaithersburg
Total For Dept: Dean				\$150,830		
<u>Biomedical Engineering</u>						
Bikson, Marom	75969-00-01	WALLACE RESEARCH	7/29/2010 Continuation	\$145,000	9/1/2009 8/31/2011	Early Career Translational Research
Cardoso, Luis	41673-00-03	NIH	6/23/2011 Continuation	\$147,114	2/15/2011 1/31/2012	Age Related Bone Loss Assessed by Ultrasound Tomography: Bone Quality Beyond BMD
Fritton, Susannah Payton, Phillip	76052-00-01	CORNELL UNIV	8/24/2010 New	\$24,500	4/23/2010 4/22/2011	National Space Grant College and Fellowship Program
Fu, Bingmei	41743-00-02	NIH	5/30/2011 Continuation	\$152,460	6/1/2011 5/31/2012	Tumor Cell Arrest and Adhesion in the Microcirculation
Nicoll, Steven	76327-00-01	HOSPITAL SPECIAL	6/21/2011 New	\$13,860	6/1/2010 5/31/2011	Resurfacing Damaged Articular Cartilage to Regain Functional Properties
Nicoll, Steven	76088-00-01	PROCTER & GAMBLE	1/26/2011 New	\$100,000	12/7/2010 12/6/2012	Injectable Cellulose Hydrogels for the Localized Delivery of Mineralizing Agents to the Oral Cavity of CCNY
Parra, Lucas Bikson, Marom	41771-00-01	NIH	9/30/2010 New	\$125,618	9/29/2010 5/31/2011	US-German Collaboration: Effects of Weak Applied Currents on Memory Consolidation During Sleep
Schaffler, Mitchell Weinbaum, S	41769-00-01	NIH	9/6/2010 New	\$529,250	9/6/2010 8/31/2011	Structural, Molecular and Functional Specialization in Osteocyte Mechanosensing

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Schaffler, Mitchell	41777-00-01	NIH	12/13/2010 New	\$202,496	1/1/2011 12/31/2011	Diffuse Microdamage in Bone: Direct Repair without Remodeling
Schaffler, Mitchell	41685-00-19	NIH	2/16/2011 Continuation	\$321,996	3/1/2011 2/29/2012	Osteocyte Integrity and Bone Remodeling
Tarbell, John	41738-00-02	NIH	3/24/2011 Continuation	\$516,310	4/1/2011 3/31/2012	The Endothelial Glycocalyx: Its Structure and Function and as a Mechanotransducer
Tarbell, John	41628-00-04	NIH	3/3/2011 Continuation	\$376,090	4/1/2011 3/31/2012	Hemodynamic Forces Affect Endothelial Cell Phenotype in Arterial Disease
Vazquez, Maribel	76057-00-01	DANA-FARBER	10/29/2010 New	\$121,346	9/23/2010 8/31/2011	Evolutionary Dynamics of Brain, Lung, and Hematopoietic Tumors
Vazquez, Maribel	76099-00-01	GEORGIA INST	2/4/2011 New	\$38,250	9/15/2010 8/31/2011	Engineering in Living Tissue
Wang, Sihong	41707-00-02	NIH	8/13/2010 Continuation	\$154,000	9/1/2010 8/31/2011	Heat Shock Effects of Human Mesenchymal Stem Cell Differentiation in Hydrogel
Wang, Sihong	40B28-00-01	NSF	1/14/2011 New	\$400,000	3/1/2011 2/29/2016	CAREER: Microfluidic 3D Apoptosis Cell Arrays
Weinbaum, S Payton, Phillip	41440-00-10	NIH	8/12/2010 Continuation	\$475,970	9/1/2010 8/31/2011	A National Urban Model for Minority Undergraduate Biomedical Education
Weinbaum, S	76005-00-02	YALE UNIVERSITY	11/3/2010 Continuation	\$43,491	8/1/2010 7/31/2011	Axial Flow in Proximal Tubule
Weinbaum, S	41714-00-02	NIH	8/4/2010 Continuation	\$356,588	8/1/2010 7/31/2011	ARRA: Predicting Cardiovascular Risk in Vulnerable Plaque Rupture
Weinbaum, Sheldon	49684-00-01	NASA	7/20/2010 New	\$30,000	8/1/2010 7/31/2011	A Model of Intramuscular Pressure and Its Implications on Skeletal Muscle Metabolism
Total For Dept: Biomedical Engineering				\$4,274,339		
Chemical Engineering						
Banerjee, Sanjoy	49123-00-01	NRC	4/27/2011 Continuation	\$7,000	8/18/2008 8/17/2011	Support for Administrative Assistant for Advisory Committee

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Banerjee, Sanjoy Steingart, Daniel	55823-00-01	NYS ERDA	3/30/2011 New	\$1,000,000	1/3/2011 1/3/2014	Flow Assisted Nickel-Zinc Battery for Stationary Applications Development and Demonstration
Banerjee, Sanjoy	47835-00-01	DOE	9/15/2010 New	\$2,997,133	9/15/2010 9/14/2013	Low Cost GRID-Scale Electrical Storage Using a Flow- Assisted Rechargeable Zinc-Manganese Oxide Battery
Couzis, Alexander	76008-00-01	MICRON POWDER IND	9/15/2010 Continuation	\$19,086	2/15/2010 2/28/2012	Designing a Manufacturing Approach for Micron and Submicron Nylon 12 and Nylon 6 Particle with Tight Particle Size Distribution
Couzis, Alexander	76073-03-01	CON EDISON	6/15/2011 New	\$22,500	6/1/2011 1/31/2012	Colloid Assistance for Alkaline MnO ₂ Nanoparticles
Couzis, Alexander	47836-03-01	DOE	6/8/2011 New	\$5,000	9/29/2010 9/28/2012	Colloid Assistance for Alkaline MnO ₂ Nanoparticles
Kretzschmar, Ilona Akins, Daniel	75677-01-01	COLUMBIA UNIV	12/3/2010 Continuation	\$53,570	9/1/2006 8/31/2012	Columbia Center for Electron Transport in Molecular Nanostructures
Kretzschmar, Ilona Harbottle, David Tu, Raymond	40B35-00-01	NSF	3/24/2011 New	\$330,000	4/1/2011 3/31/2014	Janus Particles at Tunable Emulsion Stabilizers
Kretzschmar, Ilona	40B11-00-01	NSF	9/15/2010 New	\$147,034	9/15/2010 8/31/2012	NUE: Nanotechnology Education for CUNY Community Colleges
Kretzschmar, Ilona	76073-04-01	CON EDISON	6/15/2011 New	\$15,972	6/1/2011 1/31/2012	Large Surface Electrodes
Kretzschmar, Ilona	47836-04-01	DOE	6/8/2011 New	\$8,056	9/29/2010 9/28/2012	Large Surface Electrodes
Lee, Jae	75761-00-01	STX SHIPBUILDING CO,	5/9/2011 Continuation	\$204,108	9/1/2007 8/31/2012	Process Intensification by Integrating of Reaction and Separation
Lee, Jae Couzis, Alexander	40092-00-01	NSF	1/19/2011 Continuation	\$50,000	2/1/2009 1/31/2012	Multi-Scale Investigation of the Role of Surface- Active Agents in Gas Hydrate Formation Kinetics

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Maldarelli, Charles	47205-00-01	ARMY	2/22/2011 New	\$499,225	5/16/2011 5/15/2014	Hypersonic Transition Along Curved Surfaces in the Presence of Vortices and their Control by Using Microtextured Surfaces
Morris, Jeffrey	75862-00-01	AM CHEM SOCIETY	9/14/2010 Continuation	\$50,000	2/1/2009 8/31/2011	Boundary Wear Induced by Flow of Concentrated Suspensions
Morris, Jeffrey	76077-00-01	HALLIBURTON	11/5/2010 New	\$79,430	11/1/2010 10/31/2011	Particle Motions in Viscoelastic Fluids Phase 1: Experimental Studies to Support Complex Fracture Modeling
Rumschitzki, David	40553-00-01	NSF	5/11/2011 Continuation	\$360,000	7/1/2009 6/30/2011	What is Aquaporin-1's Role in Transport Across Large Vessels Walls
Shinnar, Reuel Citro, Francesco Morris, Jeffrey	47819-00-01	DOE	9/30/2010 Continuation	\$445,285	9/30/2008 9/30/2011	A Novel Storage Method for Concentrating Solar Power Plant Allowing Operation at High Temperature
Steingart, Daniel	40B07-00-01	NSF	8/27/2010 New	\$299,506	9/1/2010 8/31/2012	GOALI: A Comparative Study of Electrochemical Codeposition with In-Situ Electron Microscopy
Tardos, Gabriel	75871-00-01	PROCTER & GAMBLE	7/20/2010 Continuation	\$20,000	2/1/2009 12/31/2011	Granular Flows
Tardos, Gabriel	76044-00-01	INT'L FINE PARTICLE	7/10/2010 New	\$15,000	7/1/2010 6/30/2011	Particulate Flow
Tu, Raymond	40A54-00-01	NSF	5/11/2011 Continuation	\$91,279	5/15/2010 4/30/2012	Pattern Formation in Self-Organized Surface Confined Peptides
Tu, Raymond	40A83-00-01	NSF	8/11/2010 New	\$158,452	8/15/2010 7/31/2011	Patterning Interfaces with High Molecular Weight Periodically Sequenced Sheet-forming Polypeptides
Tu, Raymond Steingart, Daniel	76073-05-01	CON EDISON	6/15/2011 New	\$14,000	6/1/2011 1/31/2012	Organic Electrolytes
Tu, Raymond Steingart, Daniel	47836-05-01	DOE	6/8/2011 New	\$12,000	9/29/2010 9/28/2012	Organic Electrolytes
Total For Dept: Chemical Engineering				\$6,903,636		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<i>Civil Engineering</i>						
Agrawal, Anil Liu, Huabei	55505-02-03	NYS DEPT OF TRANS	3/24/2011 Continuation	\$44,880	1/15/2010 1/14/2011	Verification/Development of Seismic Design Specifications for Downstate Zone
Agrawal, Anil	57914-00-01	NYC DOT	7/15/2010 New	\$122,827	4/1/2010 3/31/2011	Steinway Street Bridge Investigation
Agrawal, Anil	55505-10-01	NYS DEPT OF TRANS	3/24/2011 Continuation	\$194,620	9/1/2009 9/30/2011	Reliability of New York State Bridge Inspection Program
Agrawal, Anil Kamga, Camille	49111-09-22	US DEPT OF TRANS	2/2/2011 New	\$50,000	1/1/2011 12/31/2011	Finite Element Simulation of Truck Impacts on Highway Bridge Piers
Agrawal, Anil	57957-00-01	NYC DOT	5/26/2011 New	\$81,807	11/15/2010 11/14/2011	W239-W252 Street Bridges Investigation
Chen, Cynthia Kamga, Camille	57875-00-01	NYC DOT	1/5/2011 Continuation	\$147,918	11/24/2008 12/31/2010	Effectiveness of Traffic Calming Measures
Conway, Alison	49165-00-01	US DEPT OF TRANS	6/9/2011 New	\$20,500	9/1/2011 9/1/2012	The Dwight David Eisenhower Transportation Fellowship Program
Diyamandoglu, Vasil	57784-00-07	NYC DEPT OF	7/1/2010 Continuation	\$323,510	7/1/2010 6/30/2011	Materials Exchange, Reuse and Sustainability in New York City
Diyamandoglu, Vasil	57784-01-07	NYC DEPT OF	7/1/2010 Continuation	\$140,953	7/1/2010 6/30/2011	NY Wastematch Program
Diyamandoglu, Vasil	75847-00-01	TECHLAW	11/22/2010 Continuation	\$6,046	10/3/2008 9/30/2010	Development of a Bilingual Materials Exchange System for Puerto Rico
Fekete, Balazs	76302-00-01	UNEP	3/22/2011 New	\$12,500	3/1/2011 3/31/2011	Global Environment Monitoring System
Fillos, John	75968-00-01	PASSAIC VALLEY	7/20/2010 Continuation	\$84,513	8/11/2009 8/10/2010	Passaic Valley Sewerage Commissioners
Fillos, John Wittig, Ann	58336-00-01	NYC DEP	8/24/2010 New	\$531,858	9/1/2010 8/31/2011	Odor and Hydraulic Study of Mixers in the Wards Island Preliminary Settling Tank Influent Channel between the NYC DEP and CUNY
Ghosn, Michel	76026-00-01	NCHRP	1/18/2011	\$200,000	4/26/2010	NCHRP 12-86: Bridge System Safety and

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
			Continuation		7/26/2012	Redundancy
Kamga, Camille	55657-03-20	NYS DEPT OF TRANS	4/27/2011 Continuation	\$29,901	12/1/2007 11/30/2009	UTRC: Long Island 2035: Building Public Consensus Around a Sustainable Future, Phase 1
Kamga, Camille Agrawal, Anil	55505-01-01	NYS DEPT OF TRANS	8/18/2010 Continuation	\$57,800	4/1/2008 3/31/2011	Bridge-Vehicle Impact Assessment
Kamga, Camille	75866-00-01	CTR CLIMATE	2/4/2011 Continuation	\$1,135	9/10/2008 6/30/2009	Residential-Commercial-Industrial Sector
Kamga, Camille	49111-00-23	US DEPT OF TRANS	10/1/2010 Continuation	\$2,082,800	10/1/2010 12/31/2011	UTRC- Admin Yr 23
Kamga, Camille	76031-00-01	COLLEGE OF NEW	12/20/2010 New	\$74,168	1/1/2010 2/15/2011	Innovative and Effective Techniques for Locating Underground Conduits
Kamga, Camille	55820-00-01	NYS ERDA	3/17/2011 New	\$74,913	1/1/2011 12/31/2012	Underground Pneumatic Transport of Municipal Solid Waste and Recyclables Using New York City Subway Infrastructure
Khanbilvardi, Reza M.	49100-00-05	NOAA	9/8/2010 Continuation	\$2,221,860	1/1/2010 8/31/2012	NOAA Cooperative Remote Sensing Science & Technology Center (CREST)
Khanbilvardi, Reza M. Romanov, Peter	76034-02-01	U OF MARYLAND	7/1/2010 New	\$30,000	7/1/2010 6/30/2011	Development of an Upgraded Southern Hemisphere Automated Snow/Ice Product
Khanbilvardi, Reza M. Romanov, Peter	76034-07-01	U OF MARYLAND	10/26/2010 New	\$60,000	7/1/2010 6/30/2011	Development of Operational Algorithms and Software to Derive and Validate NDVI and Green Vegetation
Khanbilvardi, Reza M. Merchant, Shakila	76034-01-01	U OF MARYLAND	7/1/2010 New	\$12,000	7/1/2010 6/30/2011	CREST Support to the NESDIS Cooperative Research Exchange Program
Khanbilvardi, Reza M. Gross, Barry	76034-03-01	U OF MARYLAND	9/9/2010 New	\$36,000	7/1/2010 6/30/2011	Development of Validation Tools and Proxy Data for GOES-R ABI Air Quality Proving Ground for the Northeast (NY Metro Region)
Khanbilvardi, Reza M. Roytman, Leonid	76034-10-01	U OF MARYLAND	10/26/2010 New	\$125,000	7/1/2010 6/30/2011	Inter-Calibration and Scaling-Up Algorithm for SEVIRI and NOAA-18 Data - Year 2

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Khanbilvardi, Reza M. Temimi, Marouane	76034-08-01	U OF MARYLAND	10/26/2010 New	\$125,000	7/1/2010 6/30/2010	Development of an Advanced Technique for Mapping Sea Ice with ABI
Khanbilvardi, Reza M. Mahani, Shayesteh	76034-04-01	U OF MARYLAND	9/9/2010 New	\$119,300	7/1/2010 6/30/2011	Transitioning GOES-Based Nowcasting Capability into the GOES-R Era
Khanbilvardi, Reza M. Gladkova, Irina Grossberg, Michael	76034-12-01	U OF MARYLAND	10/26/2010 New	\$80,000	7/1/2010 6/30/2011	Using Graphyte to Create a Platform for NOAA Collaborative Scientific Computing
Khanbilvardi, Reza M. Gladkova, Irina Grossberg, Michael	76034-11-01	U OF MARYLAND	10/26/2010 New	\$40,000	7/1/2010 6/30/2011	Graphyte Toolkit as Online Lab for NOAA Distance Learning
Khanbilvardi, Reza M. Romanov, Peter Snow/Ice	76034-00-01	U OF MARYLAND	7/1/2010 New	\$150,000	7/1/2010 6/30/2011	CICS: Development of an Upgraded Southern Hemisphere Automated Product
Khanbilvardi, Reza M. Mahani, Shayesteh	49100-06-04	NOAA	8/1/2010 New	\$100,000	1/1/2010 8/31/2011	Development of a Multi-sensor Precipitation Algorithm
Khanbilvardi, Reza M. Ahmed, Samir	49100-04-04	NOAA	8/1/2010 New	\$28,000	1/1/2010 8/31/2011	Developing the AERONET-SeaPRISM Data Product for NPOESS Cal/Val and Generation of Ocean EDR
Khanbilvardi, Reza M. Temimi, Marouane	49100-03-04	NOAA	8/1/2010 New	\$118,938	1/1/2010 8/31/2011	River Ice Monitoring Over the Susquehanna River Basin using Remote Sensing Data
Khanbilvardi, Reza M. Temimi, Marouane	76034-05-01	U OF MARYLAND	9/9/2010 New	\$3,200	7/1/2010 6/30/2011	Applications to the GOES-R Program to Support Scientific Visits to NOAA Centers
Khanbilvardi, Reza M. Vant-Hull, Brian	76034-06-01	U OF MARYLAND	9/9/2010 New	\$1,600	7/1/2010 6/30/2011	Visiting Scientists: Using Volume Growth Rates of Clouds for Precipitation Estimation
Khanbilvardi, Reza M.	49109-07-01	NOAA	9/17/2010 New	\$50,000	9/21/2010 9/20/2011	Research and Development to Identify a Snow Prediction Algorithm from Satellite Data
Khanbilvardi, Reza M. Vant-Hull, Brian	76034-09-01	U OF MARYLAND	10/26/2010 New	\$60,000	7/1/2010 6/30/2011	Mesoscale Convective System Climatology Using Geostationary Infrared Imagery

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Khanbilvardi, Reza M.	76082-00-01	COLUMBIA UNIV	12/30/2010 New	\$108,000	10/1/2010 9/30/2011	NE Consortium on Climate Risks (NECCR)
Khanbilvardi, Reza M.	76076-03-01	ALFRED P. SLOAN FDT	5/31/2011 New	\$4,000	1/20/2011 7/1/2012	Development of PSM Programs
Liu, Huabei	49161-00-01	DEPT. HOMELAND	1/19/2011 New	\$246,838	2/1/2011 1/31/2012	Preparing Homeland Security Professionals for Transportation Infrastructure Protection in a Multi-Hazard Environment
Mahani, Shayesteh Khanbilvardi, Reza	76071-00-01	U CAL/IRVINE	11/23/2010 New	\$50,000	6/1/2010 5/31/2011	Understanding and Improving California's River and Water Resource Predictions Using in-Situ and Remote Sensing Data
Parker, Neville	40729-03-01	NSF	4/7/2011 Continuation	\$1,222,500	5/1/2007 4/30/2012	New York City Louis Stokes Alliance - Phase IV
Parker, Neville	76023-00-01	NJ INST OF	1/25/2011 Continuation	\$50,000	3/1/2010 11/1/2011	Evaluating the Location of Variable Message Signs Using a Dynamic Traffic Assignment Model
Parker, Neville	40A59-00-01	NSF	7/1/2010 New	\$987,000	9/1/2010 8/31/2012	NYC Alliance Bridge to the Doctorate
Parker, Neville	76323-00-01	U OF MEMPHIS	6/14/2011 New	\$112,229	4/19/2011 5/31/2012	Development of an Integrated Transportation Planning and Operations Model for Memphis-Tennessee
Piasecki, Michael	76090-00-01	CUAHSI	2/3/2011 New	\$88,146	1/1/2011 9/30/2011	Geoinformatics: Development of Community-Based Ontology and Standards for Hydrologic Data Discovery
Tang, Hansong	75144-01-21	NJ DOT	12/30/2010 New	\$212,163	5/1/2010 12/31/2011	Evaluation of Potential Tidal Energy and Power Generation Sites along New Jersey Coast using Computer Modeling and Field Measurement
Vorosmarty, Charles	49229-00-01	EPA	9/30/2010 Continuation	\$521,082	10/1/2009 9/30/2012	Impact of Climate Change and Variability on the Nation's Water Quality and Ecosystem State

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Vorosmarty, Charles	40027-00-01	NSF	11/22/2010 Continuation	\$5,000	6/30/2008 5/31/2011	Humans Transforming the Water Cycle: Community Based Activities in Hydrologic Synthesis
Vorosmarty, Charles Gonzalez, Jorge	40B42-00-01	NSF	4/22/2011 New	\$2,699,999	5/1/2011 4/30/2014	A Regional Earth System Model of the Northeast Corridor: Analyzing 21st Century Climate and Environment
Total For Dept: Civil Engineering				\$13,950,504		
Computer Science						
Brass, Peter	40A82-00-01	NSF	8/10/2010 New	\$299,039	8/1/2010 7/31/2013	Strategy Problems for Robots and Sensor Networks
Grossberg, Michael Gladkova, Irina Roytman, Leonid	49120-00-01	NOAA	9/30/2010 Continuation	\$60,000	7/1/2008 6/30/2010	Teaming Game Technology with NOAA HPC Resources for Collaborative Data Exploration and Research Prototyping
Grossberg, Michael	76065-00-01	MEM SLOAN	10/1/2010 New	\$6,334	7/1/2009 6/30/2011	Semi-Automatic Segmentation of Anatomical Structures from CT Images for Radiation Treatment Planning
Pach, Janos	75497-00-05	US-ISRAEL BINAT'L SCI	11/29/2010 Continuation	\$7,492	10/1/2010 9/30/2011	Geometric Arrangement and Application
Ravindran, Kaliappa	76084-00-01	ITT	1/5/2011 New	\$12,500	10/29/2010 12/29/2010	Group Communication Algorithms for Event Dissemination over Wireless Networks
Zhu, Zhigang	75961-00-01	DCM RESEARCH LLC	7/12/2010 Continuation	\$3,040	7/3/2009 7/31/2010	Dynamic Stereo Mosaic Approach for Automatic Object Detection for Large- View Urban Environment
Zhu, Zhigang	76316-00-01	NCIIA	5/18/2011 New	\$8,000	4/1/2011 8/31/2012	Wearable Multimodal Wayfinding Techniques for Blind and Visually Impaired People
Total For Dept: Computer Science				\$396,405		
CUNY Institute for Urban Systems						
Bobker, Michael	47830-01-01	DOE	8/19/2010 New	\$160,610	7/12/2010 7/11/2011	Commercial Building Operator Certification Program

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Bobker, Michael	76081-00-01	NEEC	11/14/2010 New	\$120,811	8/5/2010 8/4/2012	US DOE Curriculum Development, Sub-award from the Building Operator Certification Program (BOC)
Bobker, Michael	76305-00-01	BATTELLE	4/5/2011 New	\$98,274	3/24/2011 9/30/2011	Building Returning Curriculum
Bobker, Michael	55822-00-01	NYS ERDA	6/6/2011 New	\$95,000	3/1/2011 12/31/2011	CUNY Benchmarking Help Center
Total For Dept: CUNY Institute for Urban Systems				\$474,695		
Electrical Engineering						
Ahmed, Samir Gross, Barry Grossberg, Michael Khanbilvardi, Reza M. Moshary, Fred	75694-00-01	NO. CAROLINA A&T	9/9/2010 Continuation	\$526,040	9/1/2006 8/31/2012	NOAA Interdisciplinary Scientific Environmental Technology (ISET) Cooperative Research Education Center
Ahmed, Samir Gilerson, Alex Gross, Barry Moshary, Fred	47188-00-01	ONR	1/24/2011 Continuation	\$300,000	11/24/2009 11/15/2012	Exploring Techniques for Improving Retrievals of Bio-Optical Properties of Coastal Waters
Ahmed, Samir	47196-00-01	ONR	8/23/2010 New	\$70,000	9/1/2010 3/31/2011	Development of a Near-Real Time Monitoring Tool of Satellite Ocean Color Data Quality Based on AERONET-OC Data
Crouse, David	75720-00-01	CORNELL UNIV	10/9/2010 Continuation	\$62,245	1/1/2007 9/30/2011	Development of Light Controlling Techniques in Optoelectronic Devices
Crouse, David Small, Gillian	55418-00-03	NYSTAR	7/1/2010 Continuation	\$921,200	7/1/2010 6/30/2011	CAT: Center for Advanced Technology
Crouse, David	40B31-00-01	NSF	1/28/2011 New	\$93,000	2/1/2011 1/31/2012	NSF IUCRC Metamaterials
Crouse, David	76300-03-01	GOODRICH ISR	2/25/2011 New	\$40,000	2/1/2011 1/31/2012	Industry/University Cooperative Research Center
Crouse, David	47197-00-01	US NAVY	9/14/2010 New	\$2,500	9/24/2010 9/23/2011	The Navy Project

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Crouse, David	76300-01-01	NORTHROP	6/3/2011 New	\$40,000	2/1/2010 1/31/2012	Industry/University Cooperative Research Center
Crouse, David	76300-02-01	CORNING INC	6/3/2011 New	\$10,000	2/1/2010 1/31/2012	Industry/University Cooperative Research Center
Dorsinville, Roger	75534-00-02	CORNING INC	9/30/2010 Continuation	\$25,000	8/1/2009 7/31/2011	Characterization of Carbon Composites
Dorsinville, Roger	76046-00-01	PHOEBUS	8/9/2010 New	\$260,000	7/1/2010 6/30/2012	Science and Application of Metamaterials to Interceptor Sensors
Dorsinville, Roger	76019-00-01	PHOEBUS	1/7/2011 Continuation	\$90,500	3/1/2010 2/28/2012	Polarimetric Multiwavelength Focal Plane Arrays for ACE and CLARREO
Gilerson, Alex Ahmed, Samir	75970-00-01	U OF TEXAS	1/19/2011 Continuation	\$204,647	6/1/2009 5/31/2012	Biological Response to Polarized Underwater Light Field
Lee, Myung	76051-00-01	ETRI	3/30/2011 Continuation	\$49,967	8/1/2010 5/31/2011	Reliable Communication Technologies
Lee, Myung	76325-00-01	ETRI	5/1/2011 New	\$74,982	5/1/2011 1/31/2012	Research on Standardization Technology for Wireless Transmission Platform
Madamopoulos, Nicholas Ali, Mohammed Dorsinville, Roger	40895-00-01	NSF	5/13/2011 Continuation	\$116,827	8/15/2009 7/31/2012	A Cost Effective Migration Path to a Fully Packet Based Hybrid Fixed/Mobile Backhaul Infrastructure
Madamopoulos, Nicholas	76083-00-01	NASFINE PHOTONICS	1/5/2011 New	\$16,104	7/1/2010 6/30/2011	Nanometrology using Low-Cost, High Performance and Long Working Range Super-Homodyne Interferometer
Moshary, Fred Ahmed, Samir Gross, Barry Tamargo, Maria Wittig, Ann	75654-00-04	PRINCETON UNIV	9/8/2010 Continuation	\$310,000	5/1/2010 4/30/2011	Mid-Infrared Technologies for Health and Environment (MIRTH)
Rossow, William	75683-00-01	JPL	9/29/2010 Continuation	\$50,000	10/5/2006 9/30/2011	NASA - Cloudsat Mission
Rossow, William	49667-00-01	NASA	4/13/2011 Continuation	\$195,585	4/10/2008 4/9/2013	Global Cloud Process Studies in the Context of Decadal Climate Variability: Enhancement and Continuation of Data Analysis for the ISCCP

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Rossow, William	75675-00-01	COLORADO STATE	9/21/2010 Continuation	\$60,000	7/1/2006 6/30/2011	Development and Application of Diagnostic Analysis Tools for Investigation Differences between Observed and Modeled Cloud Behavior
Rossow, William	75992-00-01	A & E RESEARCH INC	11/5/2010 Continuation	\$23,487	11/1/2009 5/11/2013	Toward Assimilation of Satellite Data in Modeling Water Vapor Fluxes Over Land
Rossow, William	76304-00-01	U OF MARYLAND	2/23/2011 New	\$18,000	9/1/2010 8/31/2011	Prototype Development of a Microwave Radiometer Simulator for Land Surface and Precipitation Characterization
Saadawi, Tarek	47198-00-01	ARMY RSH OFFICE	10/18/2010 New	\$37,000	9/29/2010 9/28/2011	Academic Exchanges and Colloquium Support
Shen, Aidong	75962-00-01	PHYSICAL OPTICS	11/3/2010 Continuation	\$20,000	7/22/2009 4/24/2010	Phase II: II-IV Semiconductor Multilayer Optical Limiter
Shen, Aidong	40B04-00-01	NSF	9/3/2010 New	\$91,448	9/15/2010 8/31/2011	Intersubband Ultrafast All-Optical Switches from Wide Band Gap II-VI Semiconductors
Tian, YingLi	41768-00-01	NIH	8/31/2010 New	\$190,000	9/1/2010 8/31/2011	Camera-Based Text Recognition from Complex Background for the Blind or Visually Impaired
Tian, YingLi	49160-00-01	DEPT. HOMELAND	11/18/2010 New	\$45,764	1/1/2011 12/31/2011	Affect Detection, Segmentation, and Recognition by Fusion of Facial Features and Body Gestures
Tian, YingLi	40A15-00-01	NSF	2/9/2011 Continuation	\$16,000	9/15/2009 8/31/2011	Context-Based Indoor Object Detection
Xiao, Jizhong	40701-00-01	NSF	4/25/2011 Continuation	\$88,000	2/15/2007 1/31/2012	CAREER: Advancing Mobile Robots to 3D
Xiao, Jizhong Tian, YingLi	47184-00-01	ARMY RSH OFFICE	6/9/2011 Continuation	\$87,169	10/1/2009 9/30/2013	Towards Autonomous Miniature Rotorcrafts in Cluttered Environments for Scene Understanding
Total For Dept: Electrical Engineering				\$4,135,465		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<i>Mechanical Engineering</i>						
Andreopoulos, Yiannis Lee, Taehun	49132-00-01	NRC	7/1/2010 Continuation	\$150,000	7/13/2009 6/30/2012	Introducing a Nuclear Engineering Concentration Into the Mechanical and Chemical Engineering Programs at The City College of New York
Andreopoulos, Yiannis Elvin, Niell	40A80-00-01	NSF	8/3/2010 New	\$364,684	8/15/2010 7/31/2013	Fluidic Energy Harvester: Aero ElectroMechanical Interaction in Piezoelectric
Delale, Feridun	47183-01-01	ARMY	9/16/2010 Continuation	\$2,220,840	9/17/2010 3/30/2012	Advanced Lightweight Multi-Threat Composite Armor Technology
Delale, Feridun	47199-00-01	ARMY	1/6/2011 New	\$24,531	6/18/2009 9/23/2010	Survivability and Protection for Armored Vehicles and Personnel
Delale, Feridun	75485-02-05	GREATER SYRACUSE-	3/25/2011 New	\$2,000	1/1/2010 6/30/2011	Nanoscale Nylon RTA 3445
Elvin, Niell	76041-00-01	MICHIGAN STATE UNIV	7/1/2010 New	\$17,800	5/1/2010 4/30/2011	Self Powered Fatigue Sensor
Gonzalez, Jorge	40683-00-01	NSF	2/17/2011 Continuation	\$126,990	8/1/2009 7/31/2011	Understanding Impacts of Climate Change on Energy Infrastructure in Urbanized Coastal Area
Gonzalez, Jorge	46349-00-01	US DEPT OF ED	9/29/2010 New	\$290,930	10/1/2010 9/30/2011	Promoting Postbaccalaureate Opportunities for Hispanic Americans (PPOHA)
Gonzalez, Jorge	40683-00-01	NSF	2/17/2011 Continuation	\$17,500	8/1/2009 7/31/2011	Understanding Impacts of Climate Change on Energy Infrastructure in Urbanized Coastal Area
Kawaji, Masahiro	49155-00-01	NRC	9/29/2010 New	\$110,000	9/30/2010 9/29/2015	New York-Nuclear Research Opportunities Program (NY-NROP)
Li, Jackie O'Brien, Stephen Yu, Zhonghua	40A87-00-01	NSF	8/13/2010 New	\$500,000	9/1/2010 8/31/2013	IDR: Optimization of Nanodielectric Composites for Energy Storage Applications
Sadegh, Ali	76027-00-01	ALCOA	6/9/2011 Continuation	\$14,000	5/1/2010 4/30/2012	Lightweight Chair for Transporting the Disabled
Sadegh, Ali	75485-01-05	GREATER SYRACUSE-	10/14/2010	\$6,500	1/1/2010	Nanoscale Nylon RTA 3445

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
			New		12/31/2010	
Sadegh, Ali	76075-00-01	CON EDISON	9/22/2010 New	\$9,842	11/1/2010 12/31/2011	Motorized Hogo Operator and SF6 Container Carrier
Sadegh, Ali	76324-00-01	ROANWELL CORP	6/9/2011 New	\$4,500	6/1/2011 5/31/2012	Automatic Glue Dispensing System
Voiculescu, Ioana	47192-00-01	ARMY RSH OFFICE	7/1/2010 New	\$195,632	7/1/2010 6/30/2011	High-Sensitivity Mems Biosensor for Monitoring Water Toxicity
Total For Dept: Mechanical Engineering				\$4,055,749		
<u>Total For School: Engineering</u>				\$34,341,622		

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>Medical School</u>						
<u>Administration</u>						
Slater, Morton	50051-00-14	NYS ED DEPT	9/14/2010 Continuation	\$338,598	7/1/2010 6/30/2011	STEP: Gateway to Higher Education
Slater, Morton	55825-00-01	NYS DEPT OF HEALTH	3/3/2011 New	\$25,000	7/1/2010 3/31/2011	Queens Bridge to Medicine Program
Total For Dept: Administration				\$363,598		
<u>Behavioral Medicine</u>						
Motta-Moss, Ana	76303-00-01	MEM SLOAN	3/24/2011 New	\$19,681	9/1/2010 8/31/2011	Understanding Disparities in Lung Cancer in Hispanics/Latinos
Total For Dept: Behavioral Medicine				\$19,681		
<u>CHASM</u>						
Lubetkin, Erica	76003-00-02	MEM SLOAN	4/26/2011 Continuation	\$37,940	9/1/2010 8/31/2011	The CCNY/MSKCC Partnership for Research, Training and Outreach
Lubetkin, Erica	76097-00-01	MEM SLOAN	2/17/2011 New	\$18,949	1/1/2011 12/31/2011	Cancer Risk Beliefs and Patient Activation in a Multilingual Primary Care Setting
Sohler, Nancy	75859-00-01	U CAL/DAVIS	11/5/2010 Continuation	\$174,510	9/12/2008 8/31/2011	Colorectal Interactive Multimedia Computer Programs (IMCPs)
Sohler, Nancy	76085-00-01	ST. LUKES ROOSEVELT	4/8/2011 Continuation	\$4,223	9/30/2010 9/29/2011	Management and Education for Diabetes in New York City
Total For Dept: CHASM				\$235,622		
<u>Microbiology/ Immunology</u>						
Gottlieb, Paul	76049-00-01	ENERGEX SYSTEMS	8/1/2010 New	\$2,500	8/2/2010 7/31/2011	Blood Product Safety Studies
Gottlieb, Paul	41737-00-02	NIH	5/31/2011 Continuation	\$343,035	6/1/2011 5/31/2012	SCORE: The Molecular Structure of the RNA Polymerase Portal of a Bacteriophage-Reovirus
Goyert, Sanna	41587-00-24	NIH	1/20/2011	\$377,339	2/1/2011	Role of CD14 and Other Innate Immune

Awards Received (by School and Department)

7/1/2010 - 6/30/2011

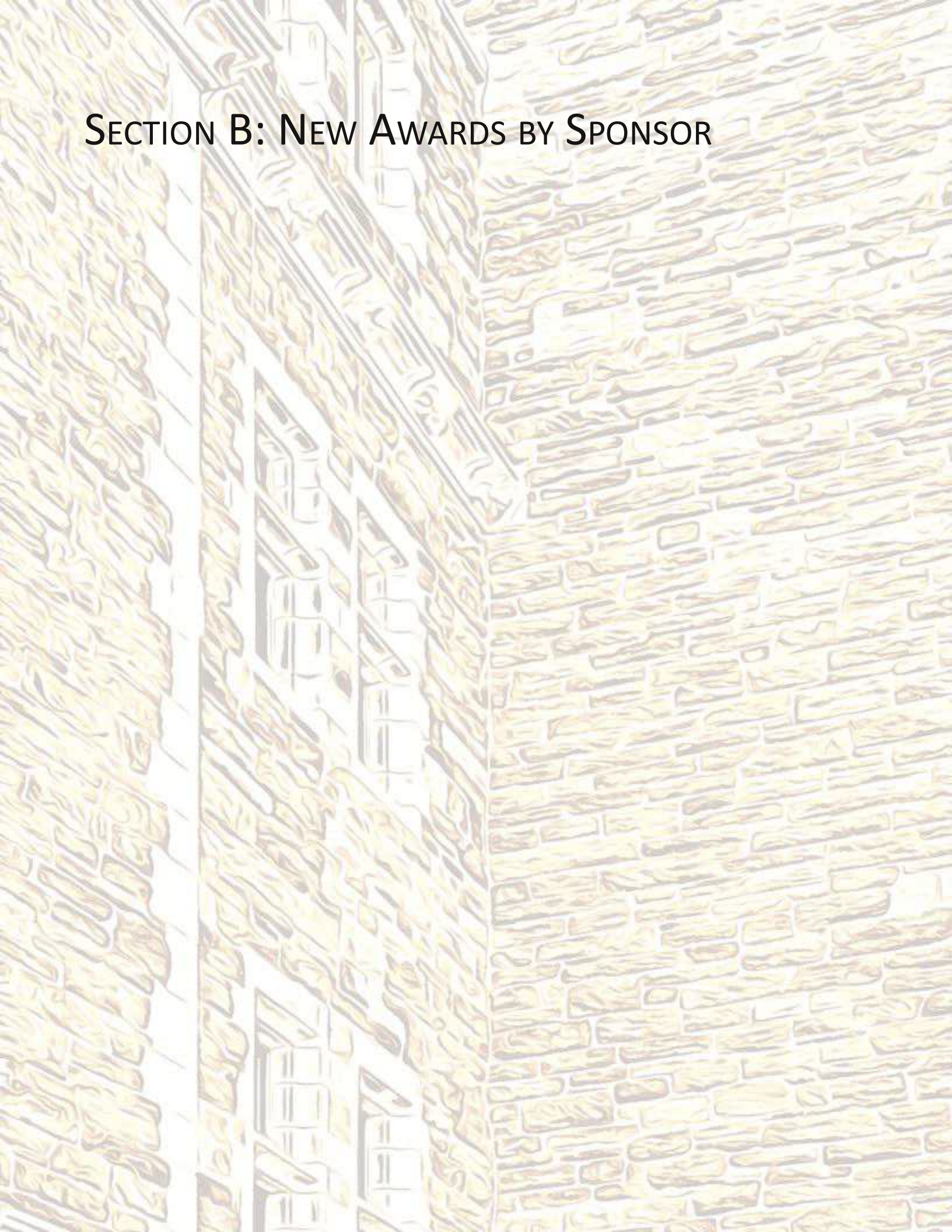
Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
			Continuation		1/31/2012	Receptors in Severe Sepsis
		Total For Dept: Microbiology/ Immunology		\$722,874		
Physiology/Pharmacology						
Friedman, Eitan	58236-00-06	NYC CITY COUNCIL	10/1/2010 Continuation	\$208,250	7/1/2010 6/30/2011	CUNY Medical School Administrative Support
Friedman, Eitan	75510-00-02	BRODERICK BRAIN FDT	7/8/2010 Continuation	\$6,150	9/1/2009 12/31/2012	Training Grant in Electrochemistry and Neurology
Friedman, Eitan	58161-00-05	NYC CITY COUNCIL	12/8/2010 Continuation	\$45,000	7/1/2010 6/30/2011	Minority Recruitment Program for BS-MD Program
Ghilardi, Felice	75656-00-01	U OF WISCONSIN	11/30/2010 Continuation	\$34,570	4/1/2006 3/31/2011	Local Sleep Regulation and Brain Plasticity
Ghilardi, Felice	41589-00-05	NIH	12/21/2010 Continuation	\$314,992	2/1/2011 1/31/2012	Consolidation of Motor Skills and Sleep Homeostasis in Parkinson's Disease
Ghilardi, Felice	76314-00-01	BAYCREST CENTRE	1/1/2011 New	\$79,232	1/1/2011 5/17/2012	Brain Network Recovery Group (Brain NRG) - Phase II
Kashfi, Khosrow	75737-00-04	FISHER BIOSERVICES	5/17/2011 Continuation	\$200,316	7/1/2010 6/30/2011	Preparation and Testing of Ring Substituted Benzyl Phenols to Examine Their Utility as Bioactivated, Selectively Reactive Chemopreventive Agents
Mano, Itzhak	40A88-00-01	NSF	8/13/2010 New	\$151,581	8/15/2010 7/31/2011	A System Perspectives on Uptake of the Neurotransmitter Glutamate in C. Elegans
Mano, Itzhak	75995-00-01	AM HEART ASSOC	7/21/2010 Continuation	\$51,037	9/15/2009 8/31/2010	Glutamate Transporters & Excitotoxicity in C. Elegans: Searching for Ways to Block Neurodegeneration in Brain Ischemia
Mano, Itzhak	76042-00-01	SINSHEIMER FUND	7/1/2010 New	\$100,000	7/1/2010 7/1/2011	Cell Death Signaling in a Nematode Model of Excitotoxic Neurodegeneration
Martin, John	41730-00-14	NIH	6/30/2011 Continuation	\$385,000	7/1/2011 6/30/2012	Activity Refines Corticospinal Terminations

Awards Received (by School and Department)

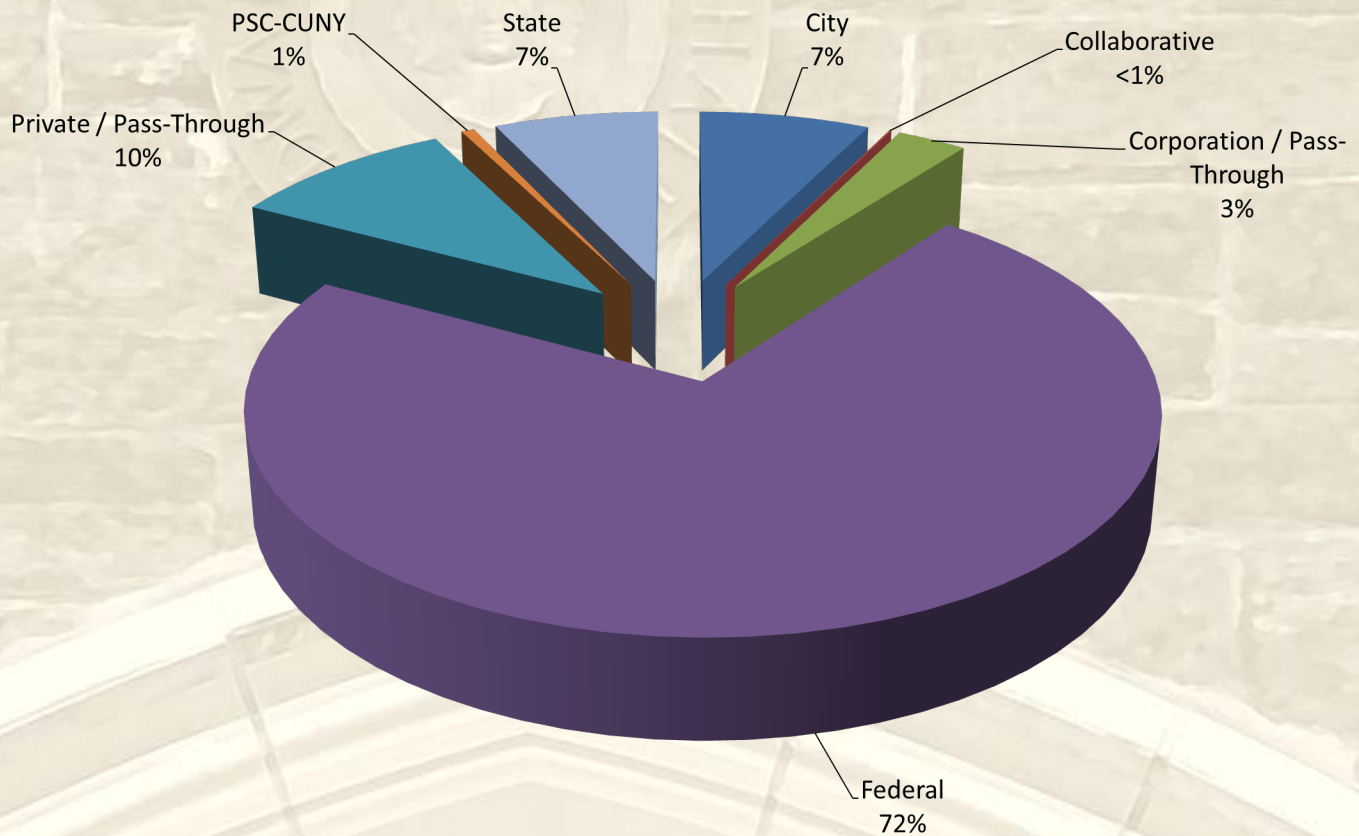
7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Martin, John	76056-00-01	COLUMBIA UNIV	7/29/2010 New	\$166,987	1/1/2010 12/31/2010	Bypassing Spinal Cord Injury to Promote Motor Function
Martin, John	41719-00-04	NIH	4/1/2011 Continuation	\$363,529	5/1/2007 4/30/2012	Lesion and Activity Dependent Corticospinal tract Plasticity
Wang, Hoau-Yan	75520-00-01	PAIN THERAPEUTICS	2/18/2011 Continuation	\$7,375	6/1/2004 12/31/2011	Underlying Mechanism of the Mu Opioid Receptor G-Protein Switch That Occurs in Opioid Tolerance and Its Prevention by Ultra-Low-Dose Opioid
Wang, Hoau-Yan	75865-00-04	U OF PENNSYLVANIA	5/9/2011 Continuation	\$67,253	3/1/2011 2/29/2012	Neuronal Responses to Lithium in Bipolar Patients
Wang, Hoau-Yan	75831-00-01	IRIS	9/7/2010 Continuation	\$64,441	7/8/2008 1/7/2012	Pharmacological Profiling of Alzheimer's Disease Compounds
Wang, Hoau-Yan	75879-00-01	PAIN THERAPEUTICS	10/22/2010 Continuation	\$51,750	3/1/2009 12/31/2010	Proof of Concept using Lead Compounds from Medicinal Chemistry
Wang, Hoau-Yan	76310-00-01	PAIN THERAPEUTICS	5/5/2011 New	\$25,000	2/1/2011 12/31/2011	Assessing Lean Compounds in AB Infusion Model and Human Tissues
Total For Dept: Physiology/Pharmacology				\$2,322,463		
<u>Total For School: Medical School</u>				\$3,664,238		
<u>Grand Total:</u>				<u>\$66,421,529</u>		

SECTION B: NEW AWARDS BY SPONSOR

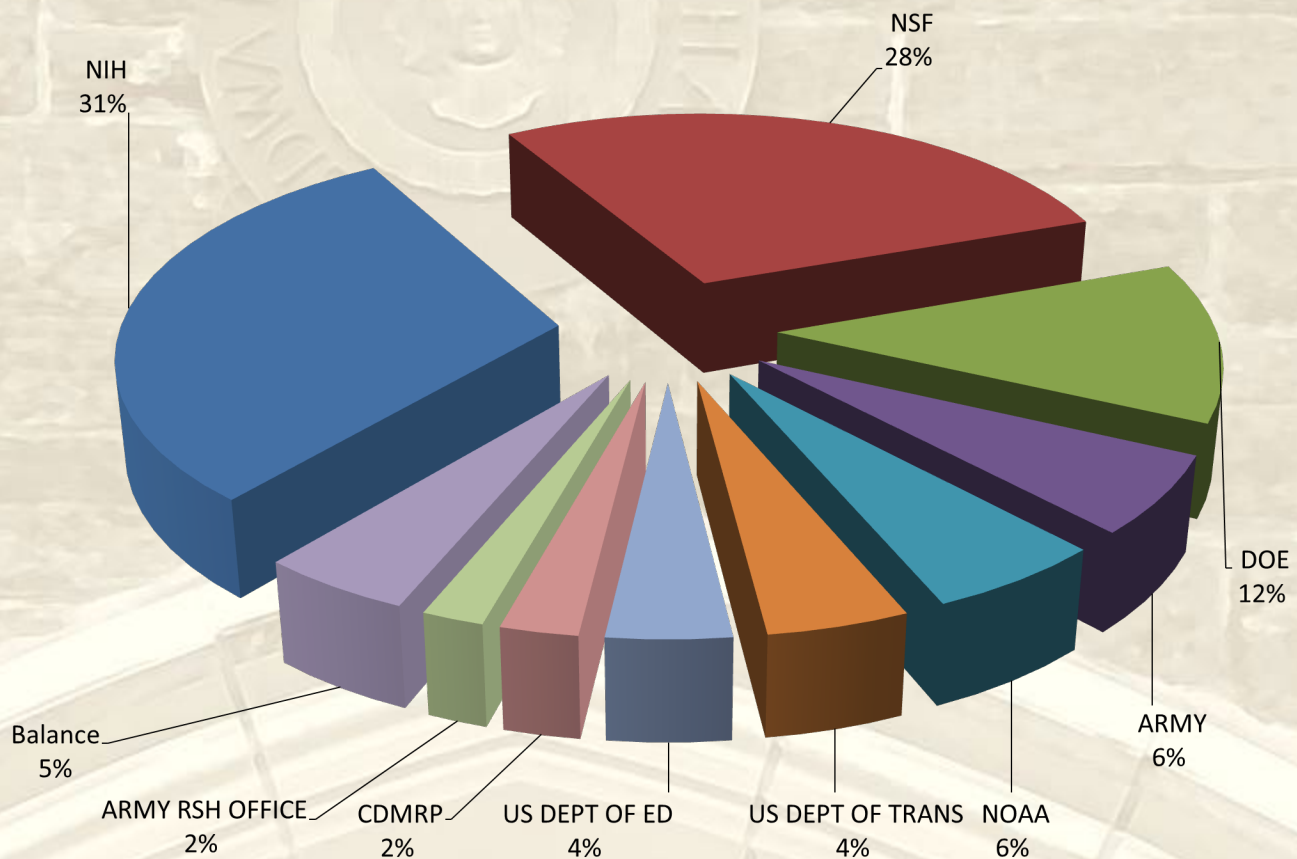


FUNDING BY TYPE OF SPONSOR



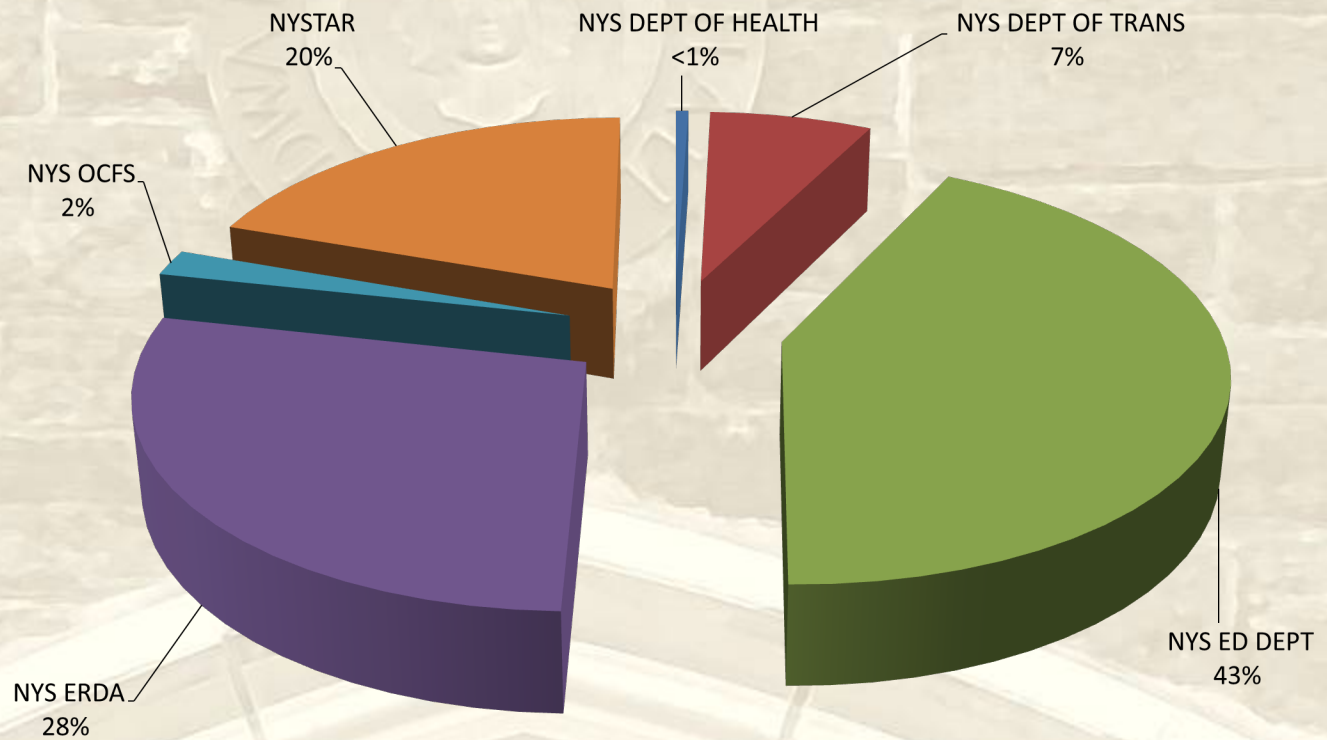
Sponsor Type	Amount
City	\$4,887,544
Collaborative	\$60,000
Corporation / Pass-Through	\$1,994,672
Federal	\$48,428,139
Private / Pass-Through	\$6,411,552
PSC-CUNY	\$374,388
State	\$4,699,622
Total	\$66,855,917

FUNDING BY TOP TEN FEDERAL SPONSORS



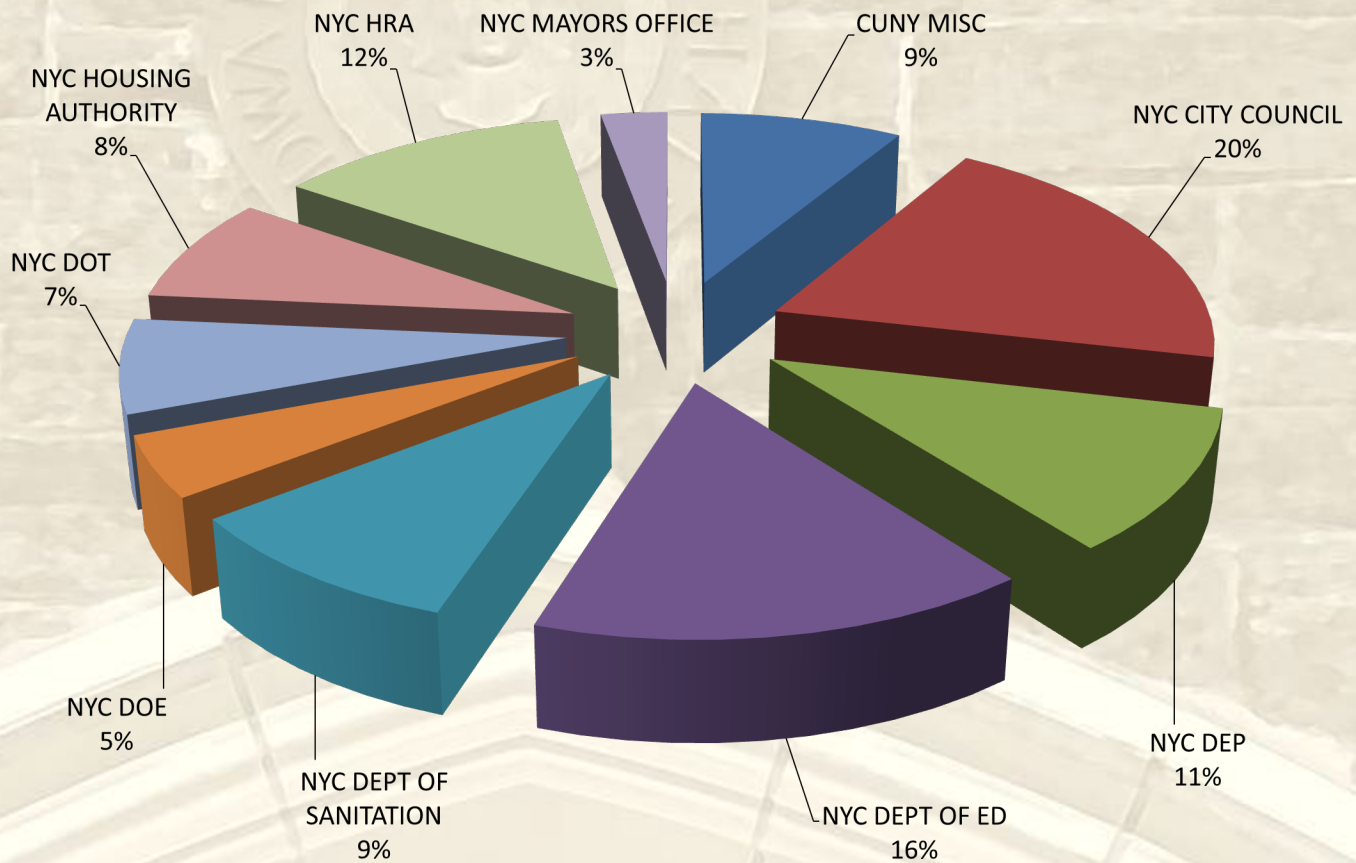
Sponsor	Amount
NIH	\$14,772,997
NSF	\$13,533,635
DOE	\$5,967,397
ARMY	\$2,921,976
NOAA	\$2,740,768
US DEPT OF TRANS	\$2,153,300
US DEPT OF ED	\$1,882,639
CDMRP	\$1,183,414
ARMY RSH OFFICE	\$944,601
Balance	\$2,327,412
Total	\$48,428,139

FUNDING BY STATE SPONSOR



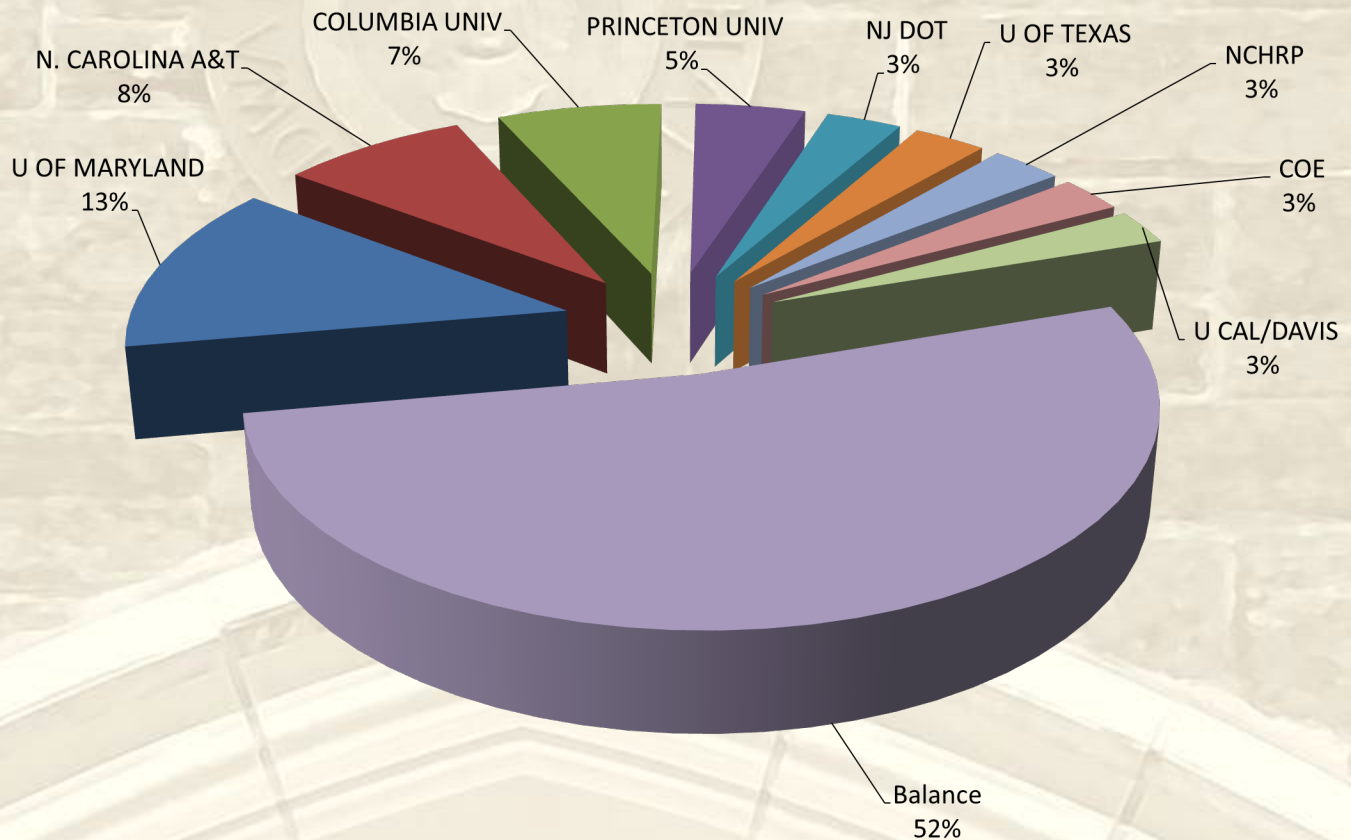
Sponsor	Amount
NYS DEPT OF HEALTH	\$25,000
NYS DEPT OF TRANS	\$327,201
NYS ED DEPT	\$2,013,270
NYS ERDA	\$1,319,511
NYS OCFS	\$93,440
NYSTAR	\$921,200
Total	\$4,699,622

FUNDING BY TOP TEN CITY SPONSORS



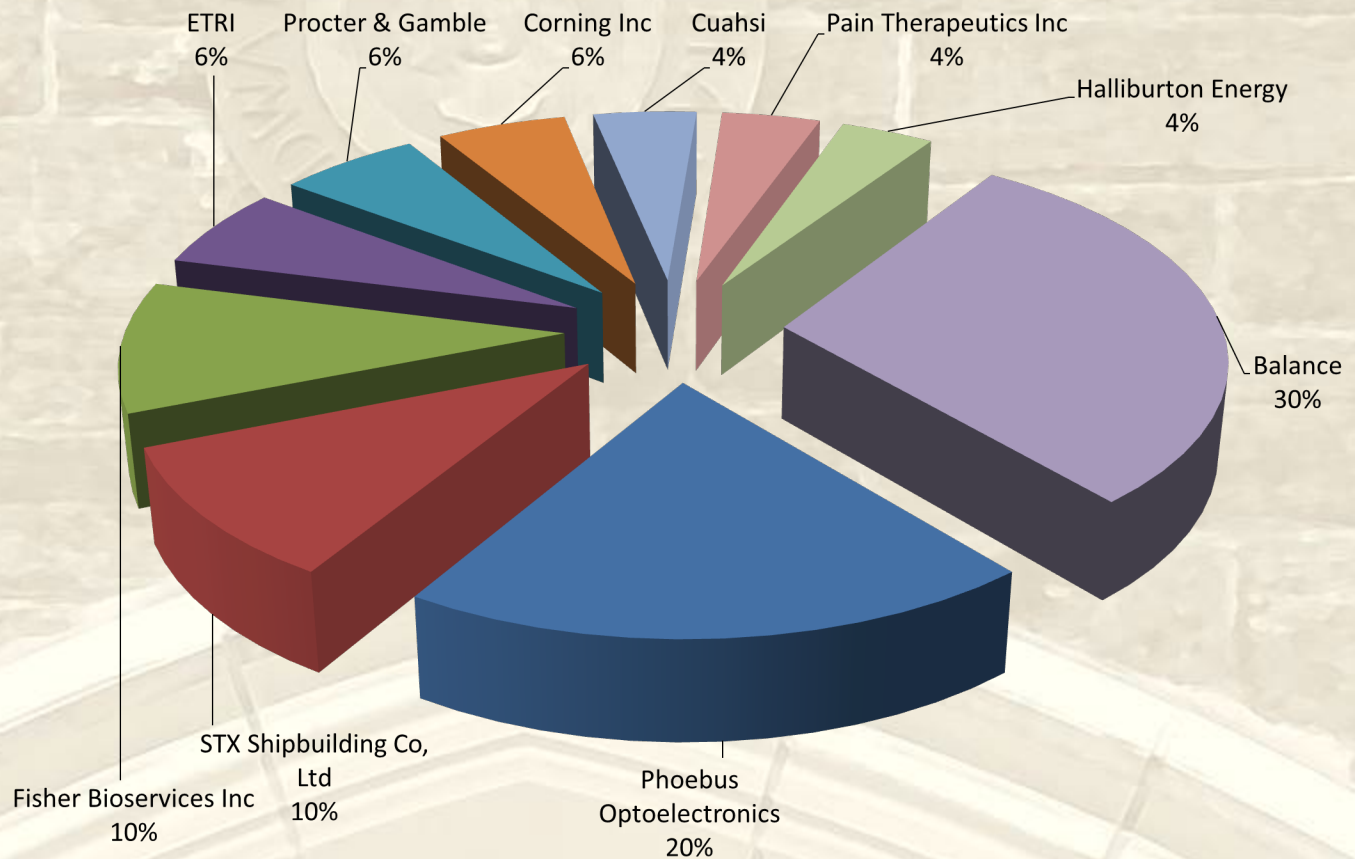
Sponsor	Amount
CUNY MISC	\$424,164
NYC CITY COUNCIL	\$973,250
NYC DEP	\$531,858
NYC DEPT OF ED	\$761,640
NYC DEPT OF SANITATION	\$464,463
NYC DOE	\$229,633
NYC DOT	\$352,552
NYC HOUSING AUTHORITY	\$398,238
NYC HRA	\$612,679
NYC MAYORS OFFICE	\$139,067
Total	\$4,887,544

FUNDING BY TOP TEN PRIVATE/PASS-THROUGH SPONSORS



Sponsor	Amount
U OF MARYLAND	\$860,100
N. CAROLINA A&T	\$526,040
COLUMBIA UNIV	\$463,987
PRINCETON UNIV	\$310,000
NJ DOT	\$212,163
U OF TEXAS	\$204,647
NCHRP	\$200,000
COE	\$183,234
U CAL/DAVIS	\$174,510
Balance	\$3,451,382
Total	\$6,411,552

FUNDING BY TOP TEN CORPORATE/PASS-THROUGH SPONSORS



Sponsor	Amount
Phoebus Optoelectronics	\$395,500
STX Shipbuilding Co, Ltd	\$204,108
Fisher Bioservices Inc	\$200,316
ETRI	\$124,949
Procter & Gamble	\$120,000
Corning Inc	\$110,000
Cuahsi	\$88,146
Pain Therapeutics Inc	\$84,125
Halliburton Energy	\$79,430
Balance	\$588,099
Total	\$1,994,673

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
<u>CITY</u>						
<u>CUNY MISC</u>						
Gunner, Marilyn	78448-00-01	Physics	4/1/2011 New	\$9,000	3/1/2011 2/28/2012	Physics Department Seminars
Hien, Denise	78443-00-01	Psychology	9/30/2010 New	\$24,707	9/1/2010 6/30/2012	Psychological Center Payroll
Hoskin, Marilyn	78429-00-01	Dean	11/8/2010 Continuation	\$200,800	8/1/2008 6/30/2011	Skadden Honors Program in Legal Studies
Hoskin, Marilyn	78450-00-01	Dean	4/27/2011 New	\$189,657	6/16/2011 12/1/2011	Donor Funds to Rangel Center
Total For Agency: CUNY MISC				\$424,164		
<u>NYC CITY COUNCIL</u>						
Friedman, Eitan	58236-00-06	Physiology/Pharmacology	10/1/2010 Continuation	\$208,250	7/1/2010 6/30/2011	CUNY Medical School Administrative Support
Friedman, Eitan	58161-00-05	Physiology/Pharmacology	12/8/2010 Continuation	\$45,000	7/1/2010 6/30/2011	Minority Recruitment Program for BS-MD Program
Hernandez, Ramona	58078-00-07	Sociology	11/4/2010 Continuation	\$720,000	7/1/2010 6/30/2011	Libraries and Archives
Total For Agency: NYC CITY COUNCIL				\$973,250		
<u>NYC DEP</u>						
Fillos, John Wittig, Ann Wittig, Ann	58336-00-01	Civil Engineering	8/24/2010 New	\$531,858	9/1/2010 8/31/2011	Odor and Hydraulic Study of Mixers in the Wards Island Preliminary Settling Tank Influent Channel between the NYC DEP and CUNY
Total For Agency: NYC DEP				\$531,858		
<u>NYC DEPT OF ED</u>						
Cintron-Nabi, Doris	57764-00-02	Education	12/8/2010 Continuation	\$30,500	11/3/2009 6/30/2011	Mathematical Professional Development
Cintron-Nabi, Doris			7/29/2010	\$5,400	6/1/2006	New York City Teaching Fellows Program

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
	57642-01-07	Dean	Continuation		8/31/2010	XII
Cintron-Nabi, Doris			4/6/2011	\$383,340	6/1/2007	New York City Teaching Fellows Program
	57642-01-09	Dean	Continuation		5/31/2012	Cohort XIV
Fosnot, Catherine			4/6/2011	\$342,400	7/1/1999	Mathematics in the City
	57546-00-01	Education	Continuation		8/31/2011	
Total For Agency: NYC DEPT OF ED				\$761,640		
NYC DEPT OF SANITATION						
Diyamandoglu, Vasil			7/1/2010	\$323,510	7/1/2010	Materials Exchange, Reuse and
	57784-00-07	Civil Engineering	Continuation		6/30/2011	Sustainability in New York City
Diyamandoglu, Vasil			7/1/2010	\$140,953	7/1/2010	NY Wastematch Program
	57784-01-07	Civil Engineering	Continuation		6/30/2011	
Total For Agency: NYC DEPT OF SANITATION				\$464,463		
NYC DOE						
Crismond, David			4/25/2011	\$47,790	7/1/2010	STEM Grant for Manhattan
Benenson, Gary	57956-00-01	Education	New		6/30/2011	
Falk, Beverly			6/15/2011	\$10,000	9/1/2010	Professional Development for Early
	57932-00-01	Education	New		8/31/2013	Childhood Educators
Smith, Beverly			5/11/2011	\$171,843	7/1/2010	Mathematics Science Partnership Grant
	57930-00-01	Education	New		6/30/2011	
Total For Agency: NYC DOE				\$229,633		
NYC DOT						
Agrawal, Anil			7/15/2010	\$122,827	4/1/2010	Steinway Street Bridge Investigation
	57914-00-01	Civil Engineering	New		3/31/2011	
Agrawal, Anil			5/26/2011	\$81,807	11/15/2010	W239-W252 Street Bridges Investigation
	57957-00-01	Civil Engineering	New		11/14/2011	
Chen, Cynthia			4/21/2011	\$147,918	11/24/2008	Effectiveness of Traffic Calming Measures
Kamga, Camille	57875-00-01	Civil Engineering	Continuation		12/31/2010	
Total For Agency: NYC DOT				\$352,552		
NYC HOUSING AUTHORITY						
Mackey-McGee, Sharon			10/4/2010	\$7,760	10/4/2007	Resident Choice Initiatives II
	58234-00-01	Continuing and Professional Studies	Continuation		10/1/2010	

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Mackey-McGee, Sharon	58291-00-01	Continuing and Professional Studies	9/15/2010 Continuation	\$155,000	3/19/2009 1/31/2012	Computers and Career Essentials
Mackey-McGee, Sharon	58312-00-01	Continuing and Professional Studies	11/29/2010 Continuation	\$235,478	8/18/2009 6/8/2011	Resident Choice Initiative III
Total For Agency: NYC HOUSING AUTHORITY				\$398,238		
NYC HRA						
Mackey-McGee, Sharon	57139-02-11	Continuing and Professional Studies	7/1/2010 Continuation	\$399,654	7/1/2010 6/30/2011	Poised for Success
Mackey-McGee, Sharon	57139-13-11	Continuing and Professional Studies	7/1/2010 Continuation	\$115,049	7/1/2010 6/30/2011	Poised at Home
Mackey-McGee, Sharon	57139-08-11	Continuing and Professional Studies	7/1/2010 Continuation	\$97,976	7/1/2010 6/30/2011	Poised for Success
Total For Agency: NYC HRA				\$612,679		
NYC MAYORS OFFICE						
Mackey-McGee, Sharon Baldi, Carlo Baldi, Carlo	57106-04-17	Continuing and Professional Studies	5/31/2011 Continuation	\$139,067	7/1/2010 6/30/2011	Adult Literacy Program
Total For Agency: NYC MAYORS OFFICE				\$139,067		
Total For Agency Type: CITY				\$4,887,544		

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
<u>CORPORATION</u>						
<u>A & E RESEARCH INC</u>						
Rossow, William	75992-00-01	Electrical Engineering	11/5/2010 Continuation	\$23,487	11/1/2009 5/11/2013	Toward Assimilation of Satellite Data in Modeling Water Vapor Fluxes Over Land
Total For Agency: A & E RESEARCH INC				\$23,487		
<u>ALCOA</u>						
Sadegh, Ali	76027-00-01	Mechanical Engineering	6/9/2011 Continuation	\$14,000	5/1/2010 4/30/2012	Lightweight Chair for Transporting the Disabled
Total For Agency: ALCOA				\$14,000		
<u>ALLIANCE FOR SUST. ENERGY</u>						
Volkman, Christian	76093-00-01	Architecture	2/1/2011 New	\$50,000	2/1/2011 11/22/2011	Solar RoofPod
Total For Agency: ALLIANCE FOR SUST. ENERGY				\$50,000		
<u>AVON PROTECTION SYS INC.</u>						
Bandosz, Teresa	76079-00-01	Chemistry	12/3/2010 New	\$14,950	12/1/2010 11/30/2011	Synthesis and Deposition of Graphite Oxide, Copper Based MOF and GO/MOF Composite on Filter Cloth Materials
Bandosz, Teresa	76079-01-01	Chemistry	5/12/2011 New	\$5,370	12/1/2010 11/30/2011	Synthesis and Decomposition of Graphite Oxide, Copper Based MOF and GO/MOF Composite on Filter Cloth Materials
Total For Agency: AVON PROTECTION SYS INC.				\$20,320		
<u>CLOROX</u>						
Bandosz, Teresa	76048-00-01	Chemistry	7/29/2010 New	\$8,000	7/1/2010 6/30/2011	Steam and CO2 Activation
Total For Agency: CLOROX				\$8,000		
<u>CON EDISON</u>						
Bandosz, Teresa			6/15/2011	\$14,857	6/1/2011	Graphene MnO2

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Steingart, Daniel	76073-02-01	Chemistry	New		1/31/2012	
Couzis, Alexander	76073-03-01	Chemical Engineering	6/15/2011 New	\$22,500	6/1/2011 1/31/2012	Colloid Assistance for Alkaline MnO2 Nanoparticles
Kretschmar, Ilona	76073-04-01	Chemical Engineering	6/15/2011 New	\$15,972	6/1/2011 1/31/2012	Large Surface Electrodes
Sadegh, Ali	76075-00-01	Mechanical Engineering	9/22/2010 New	\$9,842	11/1/2010 12/31/2011	Motorized Hogo Operator and SF6 Container Carrier
Tu, Raymond Steingart, Daniel Steingart, Daniel	76073-05-01	Chemical Engineering	6/15/2011 New	\$14,000	6/1/2011 1/31/2012	Organic Electrolytes
Total For Agency: CON EDISON				\$77,171		
CORNING INC						
Alfano, Robert	71198-01-05	Physics	12/22/2010 New	\$100,000	1/1/2011 12/31/2011	Hybrid Vector Beam Generator
Crouse, David	76300-02-01	Electrical Engineering	6/3/2011 New	\$10,000	2/1/2010 1/31/2012	Industry/University Cooperative Research Center
Total For Agency: CORNING INC				\$110,000		
CUAHSI						
Piasecki, Michael	76090-00-01	Civil Engineering	2/3/2011 New	\$88,146	1/1/2011 9/30/2011	Geoinformatics: Development of Community-Based Ontology and Standards for Hydrologic Data Discovery
Total For Agency: CUAHSI				\$88,146		
DCM RESEARCH LLC						
Zhu, Zhigang	75961-00-01	Computer Science	7/12/2010 Continuation	\$3,040	7/3/2009 7/31/2010	Dynamic Stereo Mosaic Approach for Automatic Object Detection for Large- View Urban Environment
Total For Agency: DCM RESEARCH LLC				\$3,040		

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
ENERGEX SYSTEMS						
Gottlieb, Paul	76049-00-01	Microbiology/ Immunology	8/1/2010 New	\$2,500	8/2/2010 7/31/2011	Blood Product Safety Studies
Total For Agency: ENERGEX SYSTEMS				\$2,500		
ETRI						
Lee, Myung	76051-00-01	Electrical Engineering	3/30/2011 Continuation	\$49,967	8/1/2010 5/31/2011	Reliable Communication Technologies
Lee, Myung	76325-00-01	Electrical Engineering	5/1/2011 New	\$74,982	5/1/2011 1/31/2012	Research on Standardization Technology for Wireless Transmission Platform
Total For Agency: ETRI				\$124,949		
FISHER BIOSERVICES INC						
Kashfi, Khosrow	75737-00-04	Physiology/Pharmac ology	3/10/2011 Continuation	\$200,316	7/1/2010 6/30/2011	Preparation and Testing of Ring Substituted Benzyl Phenols to Examine Their Utility as Bioactivated, Selectively Reactive Chemopreventive Agents
Total For Agency: FISHER BIOSERVICES INC				\$200,316		
GOODRICH ISR SYSTEMS						
Crouse, David	76300-03-01	Electrical Engineering	2/25/2011 New	\$40,000	2/1/2011 1/31/2012	Industry/University Cooperative Research Center
Total For Agency: GOODRICH ISR SYSTEMS				\$40,000		
HALLIBURTON ENERGY						
Morris, Jeffrey	76077-00-01	Chemical Engineering	11/5/2010 New	\$79,430	11/1/2010 10/31/2011	Particle Motions in Viscoelastic Fluids Phase 1: Experimental Studies to Support Complex Fracture Modeling
Total For Agency: HALLIBURTON ENERGY				\$79,430		
INT'L FINE PARTICLE RSCH						

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Shattuck, Mark	76055-00-01	Physics	8/12/2010 New	\$7,500	8/1/2010 7/31/2011	Collaboratory in Dense Particulate Flow
Tardos, Gabriel	76044-00-01	Chemical Engineering	7/10/2010 New	\$15,000	7/1/2010 6/30/2011	Particulate Flow
Total For Agency: INT'L FINE PARTICLE RSCH				\$22,500		
ITT						
Ravindran, Kaliappa	76084-00-01	Computer Science	1/5/2011 New	\$12,500	10/29/2010 12/29/2010	Group Communication Algorithms for Event Dissemination over Wireless Networks
Total For Agency: ITT				\$12,500		
MICRON POWDER IND						
Couzis, Alexander	76008-00-01	Chemical Engineering	9/15/2010 Continuation	\$19,086	2/15/2010 2/28/2012	Designing a Manufacturing Approach for Micron and Submicron Nylon 12 and Nylon 6 Particle with Tight Particle Size Distribution
Total For Agency: MICRON POWDER IND				\$19,086		
NASFINE PHOTONICS INC						
Madamopoulos, Nicholas	76083-00-01	Electrical Engineering	1/5/2011 New	\$16,104	7/1/2010 6/30/2011	Nanometrology using Low-Cost, High Performance and Long Working Range Super-Homodyne Interferometer
Total For Agency: NASFINE PHOTONICS INC				\$16,104		
NORTHROP GRUMMAN						
Crouse, David	76300-01-01	Electrical Engineering	6/3/2011 New	\$40,000	2/1/2010 1/31/2012	Industry/University Cooperative Research Center
Total For Agency: NORTHROP GRUMMAN				\$40,000		
PAIN THERAPEUTICS INC						
Wang, Hoau-Yan	75520-00-01	Physiology/Pharmac ology	2/18/2011 Continuation	\$7,375	6/1/2004 12/31/2011	Underlying Mechanism of the Mu Opioid Receptor G-Protein Switch That Occurs in Opioid Tolerance and Its Prevention by Ultra-Low-Dose Opioid

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Wang, Hoau-Yan	75879-00-01	Physiology/Pharmacology	10/22/2010 Continuation	\$51,750	3/1/2009 12/31/2010	Proof of Concept using Lead Compounds from Medicinal Chemistry
Wang, Hoau-Yan	76310-00-01	Physiology/Pharmacology	5/5/2011 New	\$25,000	2/1/2011 12/31/2011	Assessing Lean Compounds in AB Infusion Model and Human Tissues
Total For Agency: PAIN THERAPEUTICS INC				\$84,125		
PHOEBUS OPTOELECTRONICS						
Dorsinville, Roger	76046-00-01	Electrical Engineering	8/9/2010 New	\$260,000	7/1/2010 6/30/2012	Science and Application of Metamaterials to Interceptor Sensors
Dorsinville, Roger	76019-00-01	Electrical Engineering	1/7/2011 Continuation	\$90,500	3/1/2010 2/28/2012	Polarimetric Multiwavelength Focal Plane Arrays for ACE and CLARREO
Gunner, Marilyn Koder, Ronald	76062-00-01	Physics	9/30/2010 New	\$45,000	9/1/2010 6/30/2011	A Hybrid Metamaterial for Solar Methanol Generation
Total For Agency: PHOEBUS OPTOELECTRONICS				\$395,500		
PHYSICAL OPTICS CORP						
Shen, Aidong	75962-00-01	Electrical Engineering	11/3/2010 Continuation	\$20,000	7/22/2009 4/24/2010	Phase II: II-IV Semiconductor Multilayer Optical Limiter
Total For Agency: PHYSICAL OPTICS CORP				\$20,000		
PROCTER & GAMBLE						
Nicoll, Steven	76088-00-01	Biomedical Engineering	1/26/2011 New	\$100,000	12/7/2010 12/6/2012	Injectable Cellulose Hydrogels for the Localized Delivery of Mineralizing Agents to the Oral Cavity of CCNY
Tardos, Gabriel	75871-00-01	Chemical Engineering	7/20/2010 Continuation	\$20,000	2/1/2009 12/31/2011	Granular Flows
Total For Agency: PROCTER & GAMBLE				\$120,000		
PURPLE DOOR COMMUNICATION						
Bandos, Teresa			5/13/2011	\$14,585	1/1/2011	Activated Carbon vs. Baking Soda as Odor

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
	76091-00-01	Chemistry	Continuation		12/31/2011	Removing Media
ROANWELL CORP	Total For Agency: PURPLE DOOR COMMUNICATION			\$14,585		
Sadegh, Ali	76324-00-01	Mechanical Engineering	6/9/2011 New	\$4,500	6/1/2011 5/31/2012	Automatic Glue Dispensing System
	Total For Agency: ROANWELL CORP			\$4,500		
SIMPHO TEK						
Birman, Joseph Potasek, Mary J Potasek, Mary J	75765-00-02	Physics	8/23/2010 Continuation	\$56,250	9/7/2018 9/16/2010	Investigation of Light Interaction with Organic Materials and Semiconductor Nanostructures
	Total For Agency: SIMPHO TEK			\$56,250		
STX SHIPBUILDING CO, LTD						
Lee, Jae	75761-00-01	Chemical Engineering	5/9/2011 Continuation	\$204,108	9/1/2007 8/31/2012	Process Intensification by Integrating of Reaction and Separation
	Total For Agency: STX SHIPBUILDING CO, LTD			\$204,108		
SUSTAINABLE INNOVATIONS						
Akins, Daniel	76096-00-01	Chemistry	2/11/2011 New	\$69,999	2/1/2011 1/31/2012	SBIR Phase II: Development of Hydrogen/Halogen Fuel Cell Technology for Renewables Based Energy Storage
	Total For Agency: SUSTAINABLE INNOVATIONS			\$69,999		
TECHLAW						
Diyamandoglu, Vasil	75847-00-01	Civil Engineering	11/22/2010 Continuation	\$6,046	10/3/2008 9/30/2010	Development of a Bilingual Materials Exchange System for Puerto Rico
	Total For Agency: TECHLAW			\$6,046		
VIXAR INC.						
Alfano, Robert	76095-00-01	Physics	2/28/2011 New	\$68,011	8/1/2010 8/1/2011	Fluorescence and Raman of Cancer Contrast Agent and Chlorophyll in Plants with VCSEL Diode Lasers Excitation

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
<i>Total For Agency: VIXAR INC.</i>				\$68,011		
<i>Total For Agency Type: CORPORATION</i>				\$1,994,672		

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
<u>FEDERAL</u>						
<u>AFOSR</u>						
Koder, Ronald Crouse, David	47194-00-01	Physics	7/6/2010 New	\$315,815	7/15/2010 7/14/2013	Hybrid Metamaterials for Solar Biofuel Generation
Total For Agency: AFOSR				\$315,815		
<u>ARMY</u>						
Delale, Feridun	47183-01-01	Mechanical Engineering	9/16/2010 Continuation	\$2,220,840	9/17/2010 3/30/2012	Advanced Lightweight Multi-Threat Composite Armor Technology
Delale, Feridun	47199-00-01	Mechanical Engineering	1/6/2011 New	\$24,531	6/18/2009 9/23/2010	Survivability and Protection for Armored Vehicles and Personnel
Maldarelli, Charles	47205-00-01	Chemical Engineering	2/22/2011 New	\$499,225	5/16/2011 5/15/2014	Hypersonic Transition Along Curved Surfaces in the Presence of Vortices and their Control by Using Microtextured Surfaces
Wang, Wubao Alfano, Robert Alfano, Robert	47170-00-01	Physics	11/12/2010 Continuation	\$177,380	9/15/2008 10/14/2011	Development of Rectal Near Infrared Scanning Polarization Imaging Unit and Independent Component Analysis Algorithm for Prostate
Total For Agency: ARMY				\$2,921,976		
<u>ARMY RSH OFFICE</u>						
Alfano, Robert	47186-00-01	Physics	4/20/2011 Continuation	\$140,000	9/20/2009 5/24/2012	Active Ballistic Signal Propagation and Imaging Using Vortex Beams
Bandosz, Teresa	47189-00-01	Chemistry	9/21/2010 Continuation	\$129,761	1/12/2010 1/11/2012	Nanoengineered Carbon-Based Materials for Reactive Adsorption of Toxic Industrial Compounds
Gayen, Swapan Tamargo, Maria	47171-00-01	Physics	7/1/2010 Continuation	\$355,039	9/1/2008 8/31/2011	Nanoscale Photonic and Optoelectronic Materials and Devices
Saadawi, Tarek	47198-00-01	Electrical Engineering	10/18/2010 New	\$37,000	9/29/2010 9/28/2011	Academic Exchanges and Colloquium Support

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Voiculescu, Ioana	47192-00-01	Mechanical Engineering	7/1/2010 New	\$195,632	7/1/2010 6/30/2011	High-Sensitivity Mems Biosensor for Monitoring Water Toxicity
Xiao, Jizhong Tian, YingLi Tian, YingLi	47184-00-01	Electrical Engineering	10/12/2010 Continuation	\$87,169	10/1/2009 9/30/2013	Towards Autonomous Miniature Rotorcrafts in Cluttered Environments for Scene Understanding
Total For Agency: ARMY RSH OFFICE				\$944,601		
CDMRP						
Koder, Ronald	47200-00-01	Physics	10/15/2010 New	\$1,059,214	1/10/2011 2/9/2014	Designed Proteins as Optimized Oxygen Carriers for Artificial Blood
Pu, Yang Alfano, Robert Alfano, Robert	47204-00-01	Physics	4/1/2011 New	\$124,200	4/15/2011 5/14/2013	Investigation of Ultrafast Energy Transfer Dynamics between QD Based Target Contrast Agents and Prostate Cancer Cells
Total For Agency: CDMRP				\$1,183,414		
CNCS						
Roth, Millicent Hecht, Deborah	49222-01-01	Psychology	10/30/2010 Continuation	\$15,789	9/1/2009 8/14/2012	Promoting Health Prevention
Total For Agency: CNCS				\$15,789		
DEPT. HOMELAND SECURITY						
Liu, Huabei	49161-00-01	Civil Engineering	2/8/2011 Continuation	\$246,838	2/1/2011 1/31/2014	Preparing Homeland Security Professionals for Transportation Infrastructure Protection in a Multi-Hazard Environment
Tian, YingLi	49160-00-01	Electrical Engineering	11/18/2010 New	\$45,764	1/1/2011 12/31/2011	Affect Detection, Segmentation, and Recognition by Fusion of Facial Features and Body Gestures
Total For Agency: DEPT. HOMELAND SECURITY				\$292,602		
DOE						
Bandos, Teresa Steingart, Daniel	47836-02-01	Chemistry	6/8/2011 New	\$21,574	9/29/2010 9/28/2012	Graphene MnO ₂
Banerjee, Sanjoy			9/15/2010	\$2,997,133	9/15/2010	Low Cost GRID-Scale Electrical Storage

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
	47835-00-01	Chemical Engineering	New		9/14/2013	Using a Flow- Assisted Rechargeable Zinc-Manganese Oxide Battery
Bobker, Michael	47830-01-01	CUNY Institute for Urban Systems	8/19/2010 New	\$160,610	7/12/2010 7/11/2011	Commercial Building Operator Certification Program
Couzis, Alexander	47836-03-01	Chemical Engineering	6/8/2011 New	\$5,000	9/29/2010 9/28/2012	Colloid Assistance for Alkaline MnO ₂ Nanoparticles
Gunner, Marilyn	47823-00-01	Physics	9/24/2010 Continuation	\$181,198	9/1/2009 8/31/2011	Studies of Photosynthetic Reaction Centers and Biomimetic Systems
Koplik, Joel	47813-00-05	Physics	7/1/2010 Continuation	\$95,510	8/15/2010 8/14/2011	Particulate Transport and Sedimentation in Fracture Systems
Kretzschmar, Ilona	47836-04-01	Chemical Engineering	6/8/2011 New	\$8,056	9/29/2010 9/28/2012	Large Surface Electrodes
Makse, Hernan	47807-00-08	Physics	3/25/2011 Continuation	\$122,753	5/1/2011 4/30/2012	Stress-Dependent Acoustic Propagation and Dissipation in Granular Materials
O'Brien, Stephen Banerjee, Sanjoy Couzis, Alexander Steingart, Daniel	47832-00-01	Chemistry	9/1/2010 New	\$1,568,278	9/1/2010 8/31/2013	
Sarachik, Myriam Punnoose, Alexander	47988-00-22	Physics	7/1/2010 Continuation	\$150,000	9/1/2010 8/31/2011	Thermal Conductivity and Thermopower Near the 2D Metal Insulator Transition
Shinnar, Reuel Citro, Francesco Citro, Francesco Morris, Jeffrey	47819-00-01	Chemical Engineering	9/30/2010 Continuation	\$445,285	9/30/2008 9/30/2011	A Novel Storage Method for Concentrating Solar Power Plant Allowing Operation at High Temperature
Tamargo, Maria	47829-00-02	Chemistry	2/1/2011 Continuation	\$200,000	1/1/2011 12/31/2011	Synthesis and Engineering of Submonolayer Type-II Quantum Dots to Enhance Material Properties of Wide Bandgap Semiconductors
Tu, Raymond Steingart, Daniel	47836-05-01	Chemical	6/8/2011 New	\$12,000	9/29/2010 9/28/2012	Organic Electrolytes

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Steingart, Daniel		Engineering				
Total For Agency: DOE				\$5,967,397		
EPA						
Vorosmarty, Charles	49229-00-01	Civil Engineering	9/30/2010 Continuation	\$521,082	10/1/2009 9/30/2012	Impact of Climate Change and Variability on the Nation's Water Quality and Ecosystem State
Total For Agency: EPA				\$521,082		
NASA						
Luo, Zhengzhao Rossow, William Rossow, William	49683-00-01	Earth and Atmospheric Sciences	11/24/2010 Continuation	\$206,670	6/16/2010 6/15/2013	Tropical Convective Processes: New Insights from Satellite/Modelling Perspective and Framework for Evaluating Cumulus Parameterization
Rossow, William	49667-00-01	Electrical Engineering	4/13/2011 Continuation	\$195,585	4/10/2008 4/9/2013	Global Cloud Process Studies in the Context of Decadal Climate Variability: Enhancement and Continuation of Data Analysis for the ISCCP
Tedesco, Marco	49688-00-01	Earth and Atmospheric Sciences	6/7/2011 New	\$84,609	5/3/2011 5/2/2014	Maintenance and Moderate Refinement of the NASA AMSR-E SWE Operational Product
Weinbaum, Sheldon	49684-00-01	Biomedical Engineering	7/20/2010 New	\$30,000	8/1/2010 7/31/2011	A Model of Intramuscular Pressure and Its Implications on Skeletal Muscle Metabolism
Total For Agency: NASA				\$516,864		
NIH						
Bu, Zimei	41749-00-04	Chemistry	11/12/2010 Continuation	\$349,919	7/1/2010 6/30/2011	Structure and Dynamic Determinants of Ion Channel Assembly by Adapter Proteins
Bu, Zimei	41749-01-04	Chemistry	7/19/2010 New	\$196,484	7/1/2010 6/30/2011	ARRA: Structure and Dynamic Determinants of Ion Channel Assembly by Adapter Proteins
Cardoso, Luis			2/10/2011	\$147,114	2/15/2011	Age Related Bone Loss Assessed by

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
	41673-00-03	Biomedical Engineering	Continuation		1/31/2012	Ultrasound Tomography: Bone Quality Beyond BMD
Fertuck, Eric Hien, Denise	41779-00-05	Psychology	5/24/2011 Continuation	\$295,716	2/1/2011 1/31/2012	Social Neuroscience of Borderline Personality Disorder
Fu, Bingmei	41743-00-02	Biomedical Engineering	5/30/2011 Continuation	\$152,460	6/1/2011 5/31/2012	Tumor Cell Arrest and Adhesion in the Microcirculation
Ghilardi, Felice	41589-00-05	Physiology/Pharmacology	12/21/2010 Continuation	\$314,992	2/1/2011 1/31/2012	Consolidation of Motor Skills and Sleep Homeostasis in Parkinson's Disease
Ghose, Ranajeet	41663-00-03	Chemistry	12/1/2010 Continuation	\$323,465	12/1/2010 11/30/2011	Catalytic Domain Dynamics in Protein Kinases
Gottlieb, Paul	41737-00-02	Microbiology/Immunology	5/31/2011 Continuation	\$343,035	6/1/2011 5/31/2012	SCORE: The Molecular Structure of the RNA Polymerase Portal of a Bacteriophage-Reovirus
Goyert, Sanna	41587-00-24	Microbiology/Immunology	6/10/2011 Continuation	\$377,339	2/1/2011 1/31/2012	Role of CD14 and Other Innate Immune Receptors in Severe Sepsis
Hien, Denise	41654-00-03	Psychology	7/1/2010 Continuation	\$617,445	7/1/2010 6/30/2011	A Randomized Trial of Concurrent Treatment for PTSD and Substance Dependence
Hien, Denise	41654-01-03	Psychology	5/31/2011 New	\$11,305	7/1/2010 6/30/2011	A Randomized Trial of Concurrent Treatment for PTSD and Substance Dependence
Horvitz, Jon	41659-00-04	Psychology	8/16/2010 Continuation	\$308,073	9/1/2010 8/31/2011	Accumbens Coding of Reward Expectation: Electrophysiology and Neuropharmacology
Hubbard, Karen	41660-00-03	Biology	9/1/2010 Continuation	\$1,733,361	9/1/2010 8/31/2011	CCNY-MSKCC Partnership for Research, Training and Community Outreach
Janakiraman, Anuradha	41672-00-03	Biology	1/28/2011 Continuation	\$138,600	2/1/2011 1/31/2012	SCORE: Characterization of the Molecular Mechanisms of Cell Division in Escherichia Coli

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Lazaridis, Themis	41680-00-03	Chemistry	3/11/2011 Continuation	\$235,313	4/1/2011 3/31/2012	Modeling Membrane Binding and Permeabilization by Antimicrobial Peptides
Li, Christine	41703-00-02	Biology	7/6/2010 Continuation	\$312,543	8/1/2010 7/31/2011	Role of APL-1, a C.Elegans Protein Related to Human Amyloid Precursor Protein
Martin, John	41730-00-14	Physiology/Pharmacology	6/30/2011 Continuation	\$385,000	7/1/2011 6/30/2012	Activity Refines Corticospinal Terminations
Martin, John	41719-00-04	Physiology/Pharmacology	6/14/2011 Continuation	\$363,529	5/1/2007 4/30/2012	Lesion and Activity Dependent Corticospinal tract Plasticity
Parra, Lucas Bikson, Marom Bikson, Marom	41771-00-01	Biomedical Engineering	9/30/2010 New	\$125,618	9/29/2010 5/31/2011	US-German Collaboration: Effects of Weak Applied Currents on Memory Consolidation During Sleep
Pezzano, Mark	41639-00-03	Biology	7/1/2010 Continuation	\$266,805	7/1/2010 6/30/2011	SCORE: Crosstalk Control of Thymic Epithelial Development
Rodriguez-Contreras,	41753-00-01	Biology	7/6/2010 New	\$231,000	7/6/2010 5/31/2011	SCORE: Activity of Neuronal Ensembles During Development of Tonotopic Maps in the Auditory System
Ryan, Kevin	41668-00-03	Chemistry	12/28/2010 Continuation	\$242,550	1/1/2011 12/31/2011	Protein Phosphorylation in Pre-mRNA 3' Cleavage
Saleque, Shireen	41773-00-02	Biology	11/26/2010 Continuation	\$385,000	12/1/2010 11/30/2011	Genetic and Epigenetic Regulation of Hematopoiesis
Schaffler, Mitchell Weinbaum, S Weinbaum, S	41769-00-01	Biomedical Engineering	9/6/2010 New	\$529,250	9/6/2010 8/31/2011	Structural, Molecular and Functional Specialization in Osteocyte Mechanosensing
Schaffler, Mitchell	41777-00-01	Biomedical Engineering	12/13/2010 New	\$202,496	1/1/2011 12/31/2011	Diffuse Microdamage in Bone: Direct Repair without Remodeling
Schaffler, Mitchell	41685-00-19	Biomedical Engineering	2/16/2011 Continuation	\$321,996	3/1/2011 2/29/2012	Osteocyte Integrity and Bone Remodeling
Sharma, Sudha			8/20/2010	\$327,555	9/1/2010	Molecular Analyses of RECQ1 Functions

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
	41766-00-01	Biology	New		8/31/2011	in Genome Maintenance
Snyder, Adam			5/25/2011	\$27,932	4/1/2011	The Role of Alpha-Band Oscillations in
	41732-00-02	Psychology	Continuation		3/31/2012	Feature-Based Selective Attention
Staiano-Coico, Lisa			8/6/2010	\$1,803,255	8/1/2009	Bridge Funding: Cellular Molecular
Guyden, Jerry	41402-00-25	Administration	Continuation		7/31/2011	Bases of Development: Research Center
Steinberg, Mark			7/1/2010	\$115,500	7/1/2010	SCORE: Activation of the Cyclin D1
	41698-00-02	Chemistry	Continuation		6/30/2011	Promoter by Arsenite
Steinberg, Mark			9/2/2010	\$662,007	9/1/2010	Research Support for Biomedical Careers
	41399-00-10	Chemistry	New		8/31/2011	at CCNY
Tarbell, John			3/24/2011	\$516,310	4/1/2011	The Endothelial Glycocalyx: Its Structure
	41738-00-02	Biomedical Engineering	Continuation		3/31/2012	and Function and as a Mechanotransducer
Tarbell, John			3/3/2011	\$376,090	4/1/2011	Hemodynamic Forces Affect Endothelial
	41628-00-04	Biomedical Engineering	Continuation		3/31/2012	Cell Phenotype in Arterial Disease
Tchernichovski, Ofer			7/1/2010	\$259,182	7/1/2010	Behavioral Mechanisms of Vocal Imitation
	41445-00-11	Biology	Continuation		6/30/2011	
Tian, YingLi			8/31/2010	\$190,000	9/1/2010	Camera-Based Text Recognition from
	41768-00-01	Electrical Engineering	New		8/31/2011	Complex Background for the Blind or Visually Impaired
Wallman, Josh			7/15/2010	\$231,000	8/1/2010	ARRA: Is Saccade Adaptation Guided by
	41697-00-02	Biology	Continuation		7/31/2011	Reinforcement (ARRA)
Wallman, Josh			3/21/2011	\$367,200	5/1/2011	Role of Vision In Etiology of Axial Myopia
	41455-00-32	Biology	Continuation		4/30/2012	
Wang, Sihong			8/13/2010	\$154,000	9/1/2010	Heat Shock Effects of Human
	41707-00-02	Biomedical Engineering	Continuation		8/31/2011	Mesenchymal Stem Cell Differentiation in Hydrogel
Weinbaum, S Payton, Phillip Payton, Phillip	41440-00-10	Biomedical Engineering	8/12/2010 Continuation	\$475,970	9/1/2010 8/31/2011	A National Urban Model for Minority Undergraduate Biomedical Education
Weinbaum, S			8/4/2010	\$356,588	8/1/2010	ARRA: Predicting Cardiovascular Risk in
	41714-00-02	Biomedical Engineering	Continuation		7/31/2011	Vulnerable Plaque Rupture

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Total For Agency: NIH				\$14,772,997		
NIMH						
Akinsulure-Smith, Adeyinka	41647-06-02	Psychology	8/1/2010 New	\$10,800	2/15/2010 8/31/2010	HIV Knowledge Risk and Protective Factors among West African Refugees, Asylees, and Asylum Seekers in New York City
Total For Agency: NIMH				\$10,800		
NIST						
Gosser, Yuying	49163-00-01	Dean	6/3/2011 New	\$14,960	5/1/2011 9/30/2011	Fiscal Year 2011Summer Undergraduate Research Fellowship (SURF) NIST Gaithersburg
Total For Agency: NIST				\$14,960		
NOAA						
Grossberg, Michael Gladkova, Irina Gladkova, Irina Roytman, Leonid	9/30/2010\$60,000 49120-00-01	7/1/2008 Teaming Game Technology with NOAA Computer Science	Continuation		6/30/2010	HPC Resources for Collaborative Data Exploration and Research Prototyping
Khanbilvardi, Reza M.	49100-00-05	Civil Engineering	9/8/2010 Continuation	\$2,221,860	1/1/2010 8/31/2012	NOAA Cooperative Remote Sensing Science & Technology Center (CREST)
Khanbilvardi, Reza M. Mahani, Shayesteh	49100-06-04	Civil Engineering	8/1/2010 New	\$100,000	1/1/2010 8/31/2011	Development of a Multi-sensor Precipitation Algorithm
Khanbilvardi, Reza M. Ahmed, Samir Ahmed, Samir	49100-04-04	Civil Engineering	8/1/2010 New	\$28,000	1/1/2010 8/31/2011	Developing the AERONET-SeaPRISM Data Product for NPOESS Cal/Val and Generation of Ocean EDR
Khanbilvardi, Reza M. Temimi, Marouane Temimi, Marouane	49100-03-04	Civil Engineering	8/1/2010 New	\$118,938	1/1/2010 8/31/2011	River Ice Monitoring Over the Susquehanna River Basin using Remote Sensing Data
Khanbilvardi, Reza M.	49109-07-01	Civil Engineering	9/17/2010 New	\$50,000	9/21/2010 9/20/2011	Research and Development to Identify a Snow Prediction Algorithm from Satellite Data
Luo, Zhengzhao Rossow, William Rossow, William	49148-00-01	Earth and Atmospheric	3/31/2011 Continuation	\$161,970	5/1/2010 4/30/2013	Creating UTH-Related FCDRs from Thermal and Microwave Sensors Cross-Calibrated by in-Situ Measurements from

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
		Sciences				Commercial Aircraft
		Total For Agency: NOAA		\$2,740,768		
NRC						
Andreopoulos, Yiannis Lee, Taehun Lee, Taehun	49132-00-01	Mechanical Engineering	7/1/2010 Continuation	\$150,000	7/13/2009 6/30/2012	Introducing a Nuclear Engineering Concentration Into the Mechanical and Chemical Engineering Programs at The City College of New York
Banerjee, Sanjoy	49123-00-01	Chemical Engineering	4/27/2011 Continuation	\$7,000	8/18/2008 8/17/2011	Support for Administrative Assistant for Advisory Committee
Kawaji, Masahiro	49155-00-01	Mechanical Engineering	9/29/2010 New	\$110,000	9/30/2010 9/29/2015	New York-Nuclear Research Opportunities Program (NY-NROP)
		Total For Agency: NRC		\$267,000		
NSF						
Akins, Daniel Couzis, Alexander Couzis, Alexander Gayen, Swapan Tamargo, Maria	40078-00-01	Chemistry	9/8/2010 Continuation	\$1,000,000	8/1/2008 9/30/2013	CREST: Center for Exploration of Nanostructures in Sensors and Energy Systems (CENSES)
Andreopoulos, Yiannis Elvin, Niell Elvin, Niell	40A80-00-01	Mechanical Engineering	8/3/2010 New	\$364,684	8/15/2010 7/31/2013	Fluidic Energy Harvester: Aero ElectroMechanical Interaction in Piezoelectric
Baumslag, Gilbert Cleary, Sean	40B29-00-01	Mathematics	1/3/2011 New	\$20,000	1/15/2011 12/31/2011	Finitely Presented Solvable Groups at The City College of New York
Biles, James	40B12-00-01	Sociology	9/21/2010 New	\$80,000	10/1/2010 3/31/2014	Reconciling Local Livelihoods and Global Production Networks in Yucatan, Mexico
Binz-Scharf, Maria Caplan, Avrom Paik, Leslie	40A18-00-01	Economics	3/10/2011 Continuation	\$7,500	9/15/2009 8/31/2012	VOSS: New Generations of Scientific Knowledge in Collaboratories
Block, Karin	40A72-00-01	Earth and	7/13/2010 New	\$249,650	7/1/2010 6/30/2013	CCLI: The Geoscience Students Data Network: A Cyberinfrastructure-Based

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
		Atmospheric Sciences				Approach for Collaborative Classroom-, Field-, and Laboratory-Based
Brass, Peter	40A82-00-01	Computer Science	8/10/2010 New	\$299,039	8/1/2010 7/31/2013	Strategy Problems for Robots and Sensor Networks
Carnaval, Ana	40B18-00-01	Biology	11/1/2010 New	\$49,965	11/1/2010 10/31/2011	Why are Mountains so Diverse? An Evolutionary Biogeographic Study of High Elevation Herpetiles in the Brazilian Atlantic Forest Hotspot
Crouse, David	40B31-00-01	Electrical Engineering	1/28/2011 New	\$93,000	2/1/2011 1/31/2012	NSF IUCRC Metamaterials
Fosnot, Catherine Stylianou, Despina	40065-00-01	Education	6/3/2011 Continuation	\$400,332	8/15/2008 7/31/2012	R&D: Project Delta: Digital Environments for the Learning and Teaching of Algebra
Ghose, Ranajeet	40089-00-01	Chemistry	1/20/2011 Continuation	\$222,536	3/1/2009 2/29/2012	Structure/Dynamics/Function Correlations in the Cystoviral Polymerase
Gonzalez, Jorge	40683-00-01	Mechanical Engineering	2/17/2011 Continuation	\$126,990	8/1/2009 7/31/2011	Understanding Impacts of Climate Change on Energy Infrastructure in Urbanized Coastal Area
Gonzalez, Jorge	40683-00-01	Mechanical Engineering	2/17/2011 Continuation	\$17,500	8/1/2009 7/31/2011	Understanding Impacts of Climate Change on Energy Infrastructure in Urbanized Coastal Area
Gunner, Marilyn	40A64-00-01	Physics	7/1/2010 New	\$411,979	7/1/2010 7/31/2011	Calculating Ligand Binding and Charge Stabilization in Proteins
Hooper, William	40B37-00-01	Mathematics	4/4/2011 New	\$142,962	6/1/2011 5/31/2014	Ergodic Theory of Infinite Interval Exchange Transformations
Hoskins, Sally	40A86-00-01	Biology	8/16/2010 New	\$599,875	12/1/2010 11/30/2014	Extending CREATE Demographically and Geographically, to Test Its Efficacy on Diverse Populations of Learners at 2 Year and 4 Year Institutions
John, George	40A89-00-01	Chemistry	8/23/2010 New	\$67,988	9/1/2010 8/31/2012	Sugar-Based Recyclable Phase- Selective Gelators for Oil Spill Remediation

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Kretschmar, Ilona Harbottle, David Harbottle, David Tu, Raymond	40B35-00-01	Chemical Engineering	3/24/2011 New	\$330,000	4/1/2011 3/31/2014	Janus Particles at Tunable Emulsion Stabilizers
Kretschmar, Ilona	40B11-00-01	Chemical Engineering	9/15/2010 New	\$147,034	9/15/2010 8/31/2012	NUE: Nanotechnology Education for CUNY Community Colleges
Lee, Jae Couzis, Alexander Couzis, Alexander	40092-00-01	Chemical Engineering	1/19/2011 Continuation	\$50,000	2/1/2009 1/31/2012	Multi-Scale Investigation of the Role of Surface- Active Agents in Gas Hydrate Formation Kinetics
Li, Christine	40034-00-01	Biology	6/23/2011 Continuation	\$6,000	1/1/2009 12/31/2011	Function of C. Elegans APL-1 in Molting
Li, Jackie O'Brien, Stephen O'Brien, Stephen Yu, Zhonghua	40A87-00-01	Mechanical Engineering	8/13/2010 New	\$500,000	9/1/2010 8/31/2013	IDR: Optimization of Nanodielectric Composites for Energy Storage Applications
Madamopoulos, Nicholas Ali, Mohammed Ali, Mohammed Dorsinville, Roger	40895-00-01	Electrical Engineering	5/13/2011 Continuation	\$116,827	8/15/2009 7/31/2012	A Cost Effective Migration Path to a Fully Packet Based Hybrid Fixed/Mobile Backhaul Infrastructure
Makse, Hernan	40703-00-01	Physics	7/2/2010 Continuation	\$90,000	9/1/2009 8/31/2012	Statistical Analysis of Jammed Matter
Mano, Itzhak	40A88-00-01	Physiology/Pharmacology	8/13/2010 New	\$151,581	8/15/2010 7/31/2011	A System Perspectives on Uptake of the Neurotransmitter Glutamate in C. Elegans
Parker, Neville	40729-00-01	Civil Engineering	8/18/2010 Continuation	\$1,222,500	5/1/2007 4/30/2012	New York City Louis Stokes Alliance - Phase IV
Parker, Neville	40A59-00-01	Civil Engineering	7/1/2010 New	\$987,000	9/1/2010 8/31/2012	NYC Alliance Bridge to the Doctorate
Ro, Tony	40A23-00-01	Psychology	8/27/2010 Continuation	\$358,628	10/1/2009 9/30/2012	Cognitive Neuroscience of Visual Awareness
Rumschitzki, David	40553-00-01	Chemical Engineering	4/20/2011 Continuation	\$360,000	7/1/2009 6/30/2011	What is Aquaporin-1's Role in Transport Across Large Vessels Walls
Salame, Issa			8/1/2010	\$87,278	8/1/2010	Computer-Based Analytical Methods

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
	40A74-01-01	Chemistry	New		7/31/2011	
Santoro, Bianca			8/27/2010	\$131,628	9/1/2010	Special Metrics on Manifolds
	40B01-00-01	Mathematics	New		8/31/2013	
Shen, Aidong			9/3/2010	\$91,448	9/15/2010	Intersubband Ultrafast All-Optical
	40B04-00-01	Electrical Engineering	New		8/31/2011	Switches from Wide Band Gap II-VI Semiconductors
Stark, Ruth			1/20/2011	\$104,916	3/1/2008	RCN: Emerging Methodologies for
	40951-00-01	Chemistry	Continuation		2/29/2012	Molecular Structure Determination in Biological Solids
Stark, Ruth			5/23/2011	\$201,707	1/15/2009	Molecular Structure and Biomechanics of
	40090-00-01	Chemistry	Continuation		12/31/2011	Plant Cuticular Membranes
Steingart, Daniel			8/27/2010	\$299,506	9/1/2010	GOALI: A Comparative Study of
	40B07-00-01	Chemical Engineering	New		8/31/2012	Electrochemical Codeposition with In-Situ Electron Microscopy
Tchernichovski, Ofer			7/1/2010	\$339,647	7/1/2010	Collaborative Research: Development of
	40A63-00-01	Biology	New		6/30/2015	Song Culture in Zebra Finches-Vocal and Sensory Changes Over Generations
Tian, YingLi			2/9/2011	\$16,000	9/15/2009	Context-Based Indoor Object Detection
	40A15-00-01	Electrical Engineering	Continuation		8/31/2011	
Tu, Raymond			5/11/2011	\$91,279	5/15/2010	Pattern Formation in Self-Organized
	40A54-00-01	Chemical Engineering	Continuation		4/30/2012	Surface Confined Peptides
Tu, Raymond			8/11/2010	\$158,452	8/15/2010	Patterning Interfaces with High Molecular
	40A83-00-01	Chemical Engineering	New		7/31/2011	Weight Periodically Sequenced Sheet- forming Polypeptides
Vorosmarty, Charles			11/22/2010	\$5,000	6/30/2008	Humans Transforming the Water Cycle:
	40027-00-01	Civil Engineering	Continuation		5/31/2011	Community Based Activities in Hydrologic Synthesis
Vorosmarty, Charles Gonzalez, Jorge Gonzalez, Jorge			4/22/2011	\$2,699,999	5/1/2011	A Regional Earth System Model of the
	40B42-00-01	Civil Engineering	New		4/30/2014	Northeast Corridor: Analyzing 21st Century Climate and Environment

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Wall, Diana	40B34-00-01	Anthropology	3/16/2011 New	\$117,077	5/15/2011 4/30/2012	REU Site: The Archaeological Study of Seneca Village, a 19th Century African-American and Irish Immigrant Community in Today's Central Park
Wang, Sihong	40B28-00-01	Biomedical Engineering	1/14/2011 New	\$400,000	3/1/2011 2/29/2016	CAREER: Microfluidic 3D Apoptosis Cell Arrays
Wyner, Yael	40878-00-01	Education	7/1/2010 Continuation	\$228,128	9/1/2010 8/31/2011	Collaborative Research: Ecology Disrupted: Using Real Scientific Data About Daily Life to Link Environmental Issues to Ecological Processes
Xiao, Jizhong	40701-00-01	Electrical Engineering	4/25/2011 Continuation	\$88,000	2/15/2007 1/31/2012	CAREER: Advancing Mobile Robots to 3D
Total For Agency: NSF				\$13,533,635		
ONR						
Ahmed, Samir Gilerson, Alex Gilerson, Alex Gross, Barry Moshary, Fred	47188-00-01	Electrical Engineering	1/24/2011 Continuation	\$300,000	11/24/2009 11/15/2012	Exploring Techniques for Improving Retrievals of Bio-Optical Properties of Coastal Waters
Ahmed, Samir	47196-00-01	Electrical Engineering	8/23/2010 New	\$70,000	9/1/2010 3/31/2011	Development of a Near-Real Time Monitoring Tool of Satellite Ocean Color Data Quality Based on AERONET-OC Data
Total For Agency: ONR				\$370,000		
US DEPT OF ED						
Gonzalez, Jorge	46349-00-01	Mechanical Engineering	9/29/2010 New	\$290,930	10/1/2010 9/30/2011	Promoting Postbaccalaureate Opportunities for Hispanic Americans (PPOHA)
Lemons, Daniel E. Levinsky, Craig Levinsky, Craig	46351-00-01	Administration	9/28/2010 New	\$635,297	10/1/2010 9/30/2011	Increasing Retention and Graduation Rates through Enhanced Pedagogy and Improved Technology
Mogulescu, John			7/29/2010	\$100,359	7/21/2010	Gear Up

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Coppin, Joyce	46256-01-05	Education	Continuation		7/20/2011	
Silverstein, Brett	46328-00-01	Psychology	6/3/2011 Continuation	\$1,857	6/16/2008 6/15/2011	Rangel Center for Public Service
Thangaraj, Elizabeth	46335-00-01	Student Support Services	8/12/2010 New	\$542,734	9/1/2010 8/31/2011	City College Student Support Service Program
Witherspoon, Karen Job, Yuri Job, Yuri	46282-00-04	Urban and Government Affairs	7/1/2010 Continuation	\$311,462	9/1/2010 8/31/2011	Upward Bound
Total For Agency: US DEPT OF ED				\$1,882,639		
US DEPT OF TRANS						
Agrawal, Anil Kamga, Camille	49111-09-22	Civil Engineering	2/2/2011 New	\$50,000	1/1/2011 12/31/2011	Finite Element Simulation of Truck Impacts on Highway Bridge Piers
Conway, Alison	49165-00-01	Civil Engineering	6/9/2011 New	\$20,500	9/1/2011 9/1/2012	The Dwight David Eisenhower Transportation Fellowship Program
Kamga, Camille	49111-00-23	Civil Engineering	10/1/2010 Continuation	\$2,082,800	10/1/2010 12/31/2011	UTRC- Admin Yr 23
Total For Agency: US DEPT OF TRANS				\$2,153,300		
US NAVY						
Crouse, David	47197-00-01	Electrical Engineering	9/14/2010 New	\$2,500	9/24/2010 9/23/2011	The Navy Project
Total For Agency: US NAVY				\$2,500		
Total For Agency Type: FEDERAL				\$48,428,139		

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
<u>PRIVATE</u>						
A. EINSTEIN COLL OF MED						
Stark, Ruth	75966-00-02	Chemistry	7/21/2010 Continuation	\$112,257	7/1/2010 6/30/2011	Biology of Fungal Melanin
Total For Agency: A. EINSTEIN COLL OF MED				\$112,257		
ACS/PRF						
Biscoe, Mark	76059-00-01	Chemistry	9/21/2010 New	\$65,500	9/1/2010 8/31/2012	Fluorophobic Effects in Homogeneous Catalysis
Total For Agency: ACS/PRF				\$65,500		
ALFRED P. SLOAN FDT						
Khanbilvardi, Reza M.	76076-03-01	Civil Engineering	5/31/2011 New	\$4,000	1/20/2011 7/1/2012	Development of PSM Programs
Total For Agency: ALFRED P. SLOAN FDT				\$4,000		
AM CHEM SOCIETY						
Morris, Jeffrey	75862-00-01	Chemical Engineering	9/14/2010 Continuation	\$50,000	2/1/2009 8/31/2011	Boundary Wear Induced by Flow of Concentrated Suspensions
Total For Agency: AM CHEM SOCIETY				\$50,000		
AM HEART ASSOC						
Mano, Itzhak	75995-00-01	Physiology/Pharmacology	7/21/2010 Continuation	\$51,037	9/15/2009 8/31/2010	Glutamate Transporters & Excitotoxicity in C. Elegans: Searching for Ways to Block Neurodegeneration in Brain Ischemia
Total For Agency: AM HEART ASSOC				\$51,037		
AMNH						
Barba, Joseph	75978-00-01	Dean	9/7/2010 Continuation	\$25,000	7/1/2009 6/30/2011	Science, Technology, Engineering and Mathematics (STEM) Institute
Total For Agency: AMNH				\$25,000		
ANONYMOUS						
Berkov, Amy			8/1/2010	\$10,000	8/1/2010	Panama Canal Amplification: Making the

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
	76050-00-01	Biology	New		7/31/2011	Best of a Clear-Cut Situation
	Total For Agency: ANONYMOUS			\$10,000		
ASA						
Chen, Katherine K.	76039-00-01	Sociology	7/1/2010 New	\$5,900	8/1/2010 8/1/2012	Sustaining Innovative Organizing in Networks Across Multiple Environments: Naturally Occurring Retirement Communities-Supportive Service
Programs						
	Total For Agency: ASA			\$5,900		
BATTELLE						
Bobker, Michael	76305-00-01	CUNY Institute for Urban Systems	4/5/2011 New	\$98,274	3/24/2011 9/30/2011	Building Returning Curriculum
	Total For Agency: BATTELLE			\$98,274		
BAYCREST CENTRE						
Ghilardi, Felice	76314-00-01	Physiology/Pharmac ology	1/1/2011 New	\$79,232	1/1/2011 5/17/2012	Brain Network Recovery Group (Brain NRG) - Phase II
	Total For Agency: BAYCREST CENTRE			\$79,232		
BRODERICK BRAIN FDT						
Friedman, Eitan	75510-00-02	Physiology/Pharmac ology	7/8/2010 Continuation	\$6,150	9/1/2009 12/31/2012	Training Grant in Electrochemistry and Neurology
	Total For Agency: BRODERICK BRAIN FDT			\$6,150		
BROOKHAVEN NAT LAB						
Tu, Jiufeng	75708-00-01	Physics	2/10/2011 Continuation	\$42,808	8/1/2007 1/31/2012	Crystal Growth and Spectroscopic Studies of Low Dimensional Electron Systems (Grad. Rsh. Support Z. Xu)
	Total For Agency: BROOKHAVEN NAT LAB			\$42,808		
COE						

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Mogulescu, John Coppin, Joyce	72217-01-04	Education	10/13/2010 Continuation	\$183,234	9/1/2010 8/31/2011	College Access/Readiness Program for High School
Total For Agency: COE				\$183,234		
COLLEGE OF NEW JERSEY						
Kamga, Camille	76031-00-01	Civil Engineering	12/20/2010 New	\$74,168	1/1/2010 2/15/2011	Innovative and Effective Techniques for Locating Underground Conduits
Total For Agency: COLLEGE OF NEW JERSEY				\$74,168		
COLORADO STATE UNIV						
Luo, Zhengzhao	75963-00-01	Earth and Atmospheric Sciences	7/22/2010 Continuation	\$18,112	5/5/2009 5/4/2012	On the Maintenance and Use of A-Train Simulators to Evaluate the Cloudiness and Precipitation Parameterizations of Global Models
Rossow, William	75675-00-01	Electrical Engineering	9/21/2010 Continuation	\$60,000	7/1/2006 6/30/2011	Development and Application of Diagnostic Analysis Tools for Investigation Differences between Observed and Modeled Cloud Behavior
Total For Agency: COLORADO STATE UNIV				\$78,112		
COLUMBIA UNIV						
Akins, Daniel	75677-00-01	Chemistry	12/3/2010 Continuation	\$135,430	9/1/2006 8/31/2012	Columbia Center for Electron Transport in Molecular Nanostructures
Khanbilvardi, Reza M.	76082-00-01	Civil Engineering	12/30/2010 New	\$108,000	10/1/2010 9/30/2011	NE Consortium on Climate Risks (NECCR)
Kretzschmar, Ilona Akins, Daniel Akins, Daniel	75677-01-01	Chemical Engineering	12/3/2010 Continuation	\$53,570	9/1/2006 8/31/2012	Columbia Center for Electron Transport in Molecular Nanostructures
Martin, John	76056-00-01	Physiology/Pharmacology	7/29/2010 New	\$166,987	1/1/2010 12/31/2010	Bypassing Spinal Cord Injury to Promote Motor Function
Total For Agency: COLUMBIA UNIV				\$463,987		

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
CORNELL UNIV						
Crouse, David	75720-00-01	Electrical Engineering	10/9/2010 Continuation	\$62,245	1/1/2007 9/30/2011	Development of Light Controlling Techniques in Optoelectronic Devices
Fritton, Susannah Payton, Phillip Payton, Phillip	76052-00-01	Biomedical Engineering	9/28/2010 Continuation	\$24,500	4/23/2010 4/22/2011	National Space Grant College and Fellowship Program
Total For Agency: CORNELL UNIV				\$86,745		
CORNING INC						
Dorsinville, Roger	75534-00-02	Electrical Engineering	9/30/2010 Continuation	\$25,000	8/1/2009 7/31/2011	Characterization of Carbon Composites
Total For Agency: CORNING INC				\$25,000		
CTR CLIMATE STRATEGIES						
Kamga, Camille	75866-00-01	Civil Engineering	2/4/2011 Continuation	\$1,135	9/10/2008 6/30/2009	Residential-Commercial-Industrial Sector
Total For Agency: CTR CLIMATE STRATEGIES				\$1,135		
DANA-FARBER CANCER INST.						
Vazquez, Maribel	76057-00-01	Biomedical Engineering	10/29/2010 New	\$121,346	9/23/2010 8/31/2011	Evolutionary Dynamics of Brain, Lung, and Hematopoietic Tumors
Total For Agency: DANA-FARBER CANCER INST.				\$121,346		
GEORGIA INST TECHNOLOGY						
Vazquez, Maribel	76099-00-01	Biomedical Engineering	2/4/2011 New	\$38,250	9/15/2010 8/31/2011	Engineering in Living Tissue
Total For Agency: GEORGIA INST TECHNOLOGY				\$38,250		
GREATER SYRACUSE-COMMERCE						
Delale, Feridun			3/25/2011	\$2,000	1/1/2010	Nanoscale Nylon RTA 3445

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
	75485-02-05	Mechanical Engineering	New		6/30/2011	
Sadegh, Ali	75485-01-05	Mechanical Engineering	10/14/2010 New	\$6,500	1/1/2010 12/31/2010	Nanoscale Nylon RTA 3445
Total For Agency: GREATER SYRACUSE-COMMERCE				\$8,500		
HARVARD UNIVERSITY						
Binz-Scharf, Maria	75718-00-03	Economics	1/20/2011 Continuation	\$9,450	9/1/2007 8/31/2010	Sharing Innovation Across Government Organizations
Rosario, Margaret	75999-00-02	Psychology	9/22/2010 Continuation	\$95,039	7/1/2010 6/30/2011	Causes & Impact of Minority Stress on Youth Health & Development Disparities
Total For Agency: HARVARD UNIVERSITY				\$104,489		
HOSPITAL SPECIAL SURGERY						
Nicoll, Steven	76327-00-01	Biomedical Engineering	6/21/2011 New	\$13,860	6/1/2010 5/31/2011	Resurfacing Damaged Articular Cartilage to Regain Functional Properties
Total For Agency: HOSPITAL SPECIAL SURGERY				\$13,860		
IRIS						
Wang, Hoau-Yan	75831-00-01	Physiology/Pharmac ology	9/7/2010 Continuation	\$64,441	7/8/2008 1/7/2012	Pharmacological Profiling of Alzheimer's Disease Compounds
Total For Agency: IRIS				\$64,441		
ITHAKA						
Smiley, Ellen	72005-03-01	Psychology	2/3/2011 New	\$10,000	8/1/2010 5/1/2012	OLI Statistics Course
Total For Agency: ITHAKA				\$10,000		
JOHN TEMPELTON FDT						
Greenberger, Daniel	76317-00-01	Physics	5/25/2011 New	\$93,455	6/1/2011 6/30/2013	The Nature of Time in Quantum Theory, and Its Relationship to Measurement

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Total For Agency: JOHN TEMPELTON FDT				\$93,455		
JPL						
Rossow, William	75683-00-01	Electrical Engineering	9/29/2010 Continuation	\$50,000	10/5/2006 9/30/2011	NASA - Cloudsat Mission
Total For Agency: JPL				\$50,000		
KETTERING FOUNDATION						
Epstein, Shira	76312-00-01	Education	4/4/2011 New	\$10,000	3/25/2011 6/29/2012	Fostering Deliberation in Civic Curriculum Design
Total For Agency: KETTERING FOUNDATION				\$10,000		
MEM SLOAN KETTERING						
De, Prabal K.	76063-00-01	Economics	10/7/2010 New	\$22,038	1/1/2010 6/30/2011	Ethnic Differences in the Impact of Breast Cancer on Employment Status and Quality of Life
Grossberg, Michael	76065-00-01	Computer Science	10/1/2010 New	\$6,334	7/1/2009 6/30/2011	Semi-Automatic Segmentation of Anatomical Structures from CT Images for Radiation Treatment Planning
Koder, Ronald	76064-00-01	Physics	10/1/2010 New	\$25,000	7/1/2009 6/30/2011	Computational Design of the Non- Immunogenic Proteins
Lubetkin, Erica	76003-00-02	CHASM	4/26/2011 Continuation	\$37,940	9/1/2010 8/31/2011	The CCNY/MSKCC Partnership for Research, Training and Outreach
Lubetkin, Erica	76097-00-01	CHASM	2/17/2011 New	\$18,949	1/1/2011 12/31/2011	Cancer Risk Beliefs and Patient Activation in a Multilingual Primary Care Setting
Motta-Moss, Ana	76303-00-01	Behavioral Medicine	3/24/2011 New	\$19,681	9/1/2010 8/31/2011	Understanding Disparities in Lung Cancer in Hispanics/Latinos
Total For Agency: MEM SLOAN KETTERING				\$129,942		
MICHIGAN STATE UNIV						
Elvin, Niell	76041-00-01	Mechanical Engineering	7/1/2010 New	\$17,800	5/1/2010 4/30/2011	Self Powered Fatigue Sensor
Total For Agency: MICHIGAN STATE UNIV				\$17,800		

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
NCHRP						
Ghosn, Michel	76026-00-01	Civil Engineering	1/18/2011 Continuation	\$200,000	4/26/2010 7/26/2012	NCHRP 12-86: Bridge System Safety and Redundancy
Total For Agency: NCHRP				\$200,000		
NCIIA						
Zhu, Zhigang	76316-00-01	Computer Science	5/18/2011 New	\$8,000	4/1/2011 8/31/2012	Wearable Multimodal Wayfinding Techniques for Blind and Visually Impaired People
Total For Agency: NCIIA				\$8,000		
NEEC						
Bobker, Michael	76081-00-01	CUNY Institute for Urban Systems	11/14/2010 New	\$120,811	8/5/2010 8/4/2012	US DOE Curriculum Development, Sub-award from the Building Operator Certification Program (BOC)
Total For Agency: NEEC				\$120,811		
NJ DOT						
Tang, Hansong	75144-01-21	Civil Engineering	12/30/2010 New	\$212,163	5/1/2010 12/31/2011	Evaluation of Potential Tidal Energy and Power Generation Sites along New Jersey Coast using Computer Modeling and Field Measurement
Total For Agency: NJ DOT				\$212,163		
NJ INST OF TECHNOLOGY						
Parker, Neville	76023-00-01	Civil Engineering	1/25/2011 Continuation	\$50,000	3/1/2010 11/1/2011	Evaluating the Location of Variable Message Signs Using a Dynamic Traffic Assignment Model
Total For Agency: NJ INST OF TECHNOLOGY				\$50,000		
NO. CAROLINA A&T						
Ahmed, Samir Gross, Barry Gross, Barry Grossberg, Michael Khanbilvardi, Reza M. Moshary, Fred	75694-00-01	Electrical Engineering	9/9/2010 Continuation	\$526,040	9/1/2006 8/31/2012	NOAA Interdisciplinary Scientific Environmental Technology (ISET) Cooperative Research Education Center

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Total For Agency: NO. CAROLINA A&T				\$526,040		
PASSAIC VALLEY SEWERAGE						
Fillos, John	75968-00-02	Civil Engineering	5/25/2011 Continuation	\$84,513	7/1/2010 8/31/2011	Passaic Valley Sewerage Comissioners
Total For Agency: PASSAIC VALLEY SEWERAGE				\$84,513		
PRINCETON UNIV						
Moshary, Fred Ahmed, Samir Ahmed, Samir Gross, Barry Tamargo, Maria Wittig, Ann	75654-00-04	Electrical Engineering	9/8/2010 Continuation	\$310,000	5/1/2010 4/30/2011	Mid-Infrared Technologies for Health and Environment (MIRTH)
Total For Agency: PRINCETON UNIV				\$310,000		
SINSHEIMER FUND						
Mano, Itzhak	76042-00-01	Physiology/Pharmac ology	6/16/2011 Continuation	\$100,000	7/1/2010 6/30/2013	Cell Death Signaling in a Nematode Model of Excitotoxic Neurodegeneration
Total For Agency: SINSHEIMER FUND				\$100,000		
SPENCER FDT						
Morton, Jennifer	76080-00-01	Philosophy	9/23/2010 New	\$39,950	8/1/2011 7/31/2012	The Value of Non-Cognitive Dispositions: A Challenge for Educational Equality
Total For Agency: SPENCER FDT				\$39,950		
ST. LUKES ROOSEVELT						
Sohler, Nancy	76085-00-01	CHASM	4/8/2011 Continuation	\$4,223	9/30/2010 9/29/2011	Management and Education for Diabetes in New York City
Total For Agency: ST. LUKES ROOSEVELT				\$4,223		
U CAL/DAVIS						
Sohler, Nancy	75859-00-01	CHASM	11/5/2010 Continuation	\$174,510	9/12/2008 8/31/2011	Colorectal Interactive Multimedia Computer Programs (IMCPs)
Total For Agency: U CAL/DAVIS				\$174,510		
U CAL/IRVINE						

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title	
Mahani, Shayesteh Khanbilvardi, Reza Khanbilvardi, Reza	76071-00-01	Civil Engineering	11/23/2010 New	\$50,000	6/1/2010 5/31/2011	Understanding and Improving California's River and Water Resource Predictions Using in-Situ and Remote Sensing Data	
Total For Agency: U CAL/IRVINE				\$50,000			
U OF MARYLAND							
Khanbilvardi, Reza M. Romanov, Peter	76034-02-01	Civil Engineering	7/1/2010 New	\$30,000	7/1/2010 6/30/2011	Development of an Upgraded Southern Hemisphere Automated Snow/Ice Product	
Khanbilvardi, Reza M. Romanov, Peter Romanov, Peter	76034-07-01	Civil Engineering	10/26/2010 New	\$60,000	7/1/2010 6/30/2011	Development of Operational Algorithms and Software to Derive and Validate NDVI and Green Vegetation	
Khanbilvardi, Reza M. Merchant, Shakila	76034-01-01	Civil Engineering	7/1/2010 New	\$12,000	7/1/2010 6/30/2011	CREST Support to the NESDIS Cooperative Research Exchange Program	
Proxy	Khanbilvardi, Reza M.		9/9/2010	\$36,000	7/1/2010	Development of Validation Tools and	
	Gross, Barry Gross, Barry	76034-03-01	Civil Engineering	New	6/30/2011	Data for GOES-R ABI Air Quality Proving Ground for the Northeast (NY Metro Region)	
	Khanbilvardi, Reza M. Roytman, Leonid Roytman, Leonid	76034-10-01	Civil Engineering	10/26/2010 New	\$125,000	7/1/2010 6/30/2011	Inter-Calibration and Scaling-Up Algorithm for SEVIRI and NOAA-18 Data - Year 2
	Khanbilvardi, Reza M. Temimi, Marouane	76034-08-01	Civil Engineering	10/26/2010 New	\$125,000	7/1/2010 6/30/2010	Development of an Adavanced Technique for Mapping Sea Ice with ABI
	Khanbilvardi, Reza M. Mahani, Shayesteh	76034-04-01	Civil Engineering	9/9/2010 New	\$119,300	7/1/2010 6/30/2011	Transitioning GOES-Based Nowcasting Capability into the GOES-R Era
Khanbilvardi, Reza M. Gladkova, Irina Grossberg, Michael	76034-12-01	Civil Engineering	10/26/2010 New	\$80,000	7/1/2010 6/30/2011	Using Graphyte to Create a Platform for NOAA Collaborative Scientific Computing	
Khanbilvardi, Reza M. Gladkova, Irina Grossberg, Michael	76034-11-01	Civil Engineering	10/26/2010 New	\$40,000	7/1/2010 6/30/2011	Graphyte Toolkit as Online Lab for NOAA Distance Learning	
Khanbilvardi, Reza M.			7/1/2010	\$150,000	7/1/2010	CICS: Development of an Upgraded	

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Romanov, Peter Snow/Ice Romanov, Peter	76034-00-01	Civil Engineering	New		6/30/2011	Southern Hemisphere Automated- Product
Khanbilvardi, Reza M. Temimi, Marouane	76034-05-01	Civil Engineering	9/9/2010 New	\$3,200	7/1/2010 6/30/2011	Applications to the GOES-R Program to Support Scientific Visits to NOAA Centers
Khanbilvardi, Reza M. Vant-Hull, Brian Vant-Hull, Brian	76034-06-01	Civil Engineering	9/9/2010 New	\$1,600	7/1/2010 6/30/2011	Visiting Scientists: Using Volume Growth Rates of Clouds for Precipitation Estimation
Khanbilvardi, Reza M. Vant-Hull, Brian Vant-Hull, Brian	76034-09-01	Civil Engineering	10/26/2010 New	\$60,000	7/1/2010 6/30/2011	Mesoscale Convective System Climatology Using Geostationary Infrared Imagery
Rossow, William	76304-00-01	Electrical Engineering	2/23/2011 New	\$18,000	9/1/2010 8/31/2011	Prototype Development of a Microwave Radiometer Simulator for Land Surface and Precipitation Characterization
Total For Agency: U OF MARYLAND				\$860,100		
U OF MEMPHIS						
Parker, Neville	76323-00-01	Civil Engineering	6/14/2011 New	\$112,229	4/19/2011 5/31/2012	Development of an Integrated Transportation Planning and Operations Model for Memphis-Tennessee
Total For Agency: U OF MEMPHIS				\$112,229		
U OF PENNSYLVANIA						
Wang, Hoau-Yan	75865-00-03	Physiology/Pharmac ology	7/7/2010 Continuation	\$67,253	3/1/2010 2/28/2011	Neuronal Responses to Lithium in Bipolar Patients
Total For Agency: U OF PENNSYLVANIA				\$67,253		
U OF TEXAS						
Gilerson, Alex Ahmed, Samir Ahmed, Samir	75970-00-01	Electrical Engineering	4/7/2011 Continuation	\$204,647	6/1/2009 5/31/2012	Biological Response to Polarized Underwater Light Field
Total For Agency: U OF TEXAS				\$204,647		

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
<i>U OF WISCONSIN</i>						
Ghilardi, Felice	75656-00-01	Physiology/Pharmacology	11/30/2010 Continuation	\$34,570	4/1/2006 3/31/2011	Local Sleep Regulation and Brain Plasticity
Gunner, Marilyn	76002-00-01	Physics	10/28/2010 Continuation	\$39,270	12/1/2009 7/31/2011	ARRA: QM/MM Analysis of Redox Driven Proton Pumping
<i>Total For Agency: U OF WISCONSIN</i>				<i>\$73,840</i>		
<i>UNEP</i>						
Fekete, Balazs	76302-00-01	Civil Engineering	3/22/2011 New	\$12,500	3/1/2011 3/31/2011	Global Environment Monitoring System
<i>Total For Agency: UNEP</i>				<i>\$12,500</i>		
<i>US-ISRAEL BINAT'L SCI FDT</i>						
Pach, Janos	75497-00-05	Computer Science	11/29/2010 Continuation	\$7,492	10/1/2010 9/30/2011	Geometric Arrangement and Application
Punnoose, Alexander	75799-00-01	Physics	2/1/2011 Continuation	\$14,050	10/1/2007 9/30/2011	Quantum Critical Phenomena in Diffusive Electron Systems
<i>Total For Agency: US-ISRAEL BINAT'L SCI FDT</i>				<i>\$21,542</i>		
<i>VARIOUS</i>						
Boudreau, Vincent	78415-00-01	Political Science	6/27/2011 Continuation	\$664,642	7/1/2006 6/30/2012	Colin Powell Center for Policy Studies
Green, Michael	75793-00-01	Chemistry	11/16/2010 Continuation	\$47,000	12/1/2007 12/31/2011	Quantum Calculation of Proteins
Stylianou, Despina	75192-00-02	Education	4/22/2011 Continuation	\$154,477	7/1/2010 6/30/2011	Mathematics in the City - Mathematics Education at CCNY
<i>Total For Agency: VARIOUS</i>				<i>\$866,119</i>		
<i>WALLACE RESEARCH FDT</i>						
Bikson, Marom	75969-00-01	Biomedical Engineering	3/22/2011 Continuation	\$145,000	9/1/2009 8/31/2011	Early Career Translational Research
<i>Total For Agency: WALLACE RESEARCH FDT</i>				<i>\$145,000</i>		
<i>YALE UNIVERSITY</i>						

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Weinbaum, S	76005-00-02	Biomedical Engineering	11/3/2010 Continuation	\$43,491	8/1/2010 7/31/2011	Axial Flow in Proximal Tubule
Total For Agency: YALE UNIVERSITY				\$43,491		
Total For Agency Type: PRIVATE				\$6,411,552		

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
<u>STATE</u>						
<i>NYS DEPT OF HEALTH</i>						
Slater, Morton	55825-00-01	Administration	3/3/2011 New	\$25,000	7/1/2010 3/31/2011	Queens Bridge to Medicine Program
<i>Total For Agency: NYS DEPT OF HEALTH</i>				<i>\$25,000</i>		
<i>NYS DEPT OF TRANS</i>						
Agrawal, Anil Liu, Huabei	55505-02-03	Civil Engineering	3/28/2011 Continuation	\$44,880	1/15/2010 1/14/2011	Verification/Development of Seismic Design Specifications for Downstate Zone
Agrawal, Anil	55505-10-01	Civil Engineering	8/1/2010 New	\$194,620	9/1/2009 9/30/2011	Reliability of New York State Bridge Inspection Program
Kamga, Camille	55657-03-20	Civil Engineering	4/27/2011 Continuation	\$29,901	12/1/2007 11/30/2009	UTRC: Long Island 2035: Building Public Consensus Around a Sustainable Future, Phase 1
Kamga, Camille Agrawal, Anil	55505-01-01	Civil Engineering	4/28/2011 Continuation	\$57,800	4/1/2008 8/31/2011	Bridge-Vehicle Impact Assesment
<i>Total For Agency: NYS DEPT OF TRANS</i>				<i>\$327,201</i>		
<i>NYS ED DEPT</i>						
Barba, Joseph	50257-00-05	Dean	9/14/2010 Continuation	\$110,870	7/1/2010 6/30/2011	CCNY/SCRIP STEP Program
Borman, Greg Semel, Susan	50058-00-14	Education	10/27/2010 Continuation	\$102,445	7/1/2010 6/30/2011	STEP: Discovery in Science
Mackey-McGee, Sharon Baldi, Carlo Baldi, Carlo	54896-05-13	Continuing and Professional Studies	10/1/2010 Continuation	\$364,080	7/1/2010 6/30/2011	Workforce Investment Act
Mackey-McGee, Sharon	53239-00-03	Continuing and Professional Studies	10/27/2010 Continuation	\$97,913	7/1/2010 6/30/2011	Workforce Investiment Act - Title II
Mackey-McGee, Sharon	53245-00-02	Continuing and Professional Studies	9/28/2010 Continuation	\$122,394	7/1/2010 6/30/2011	2009-2011 Adult Literacy Education

AWARDS RECEIVED (by Sponsor)

7/1/2010 - 6/30/2011

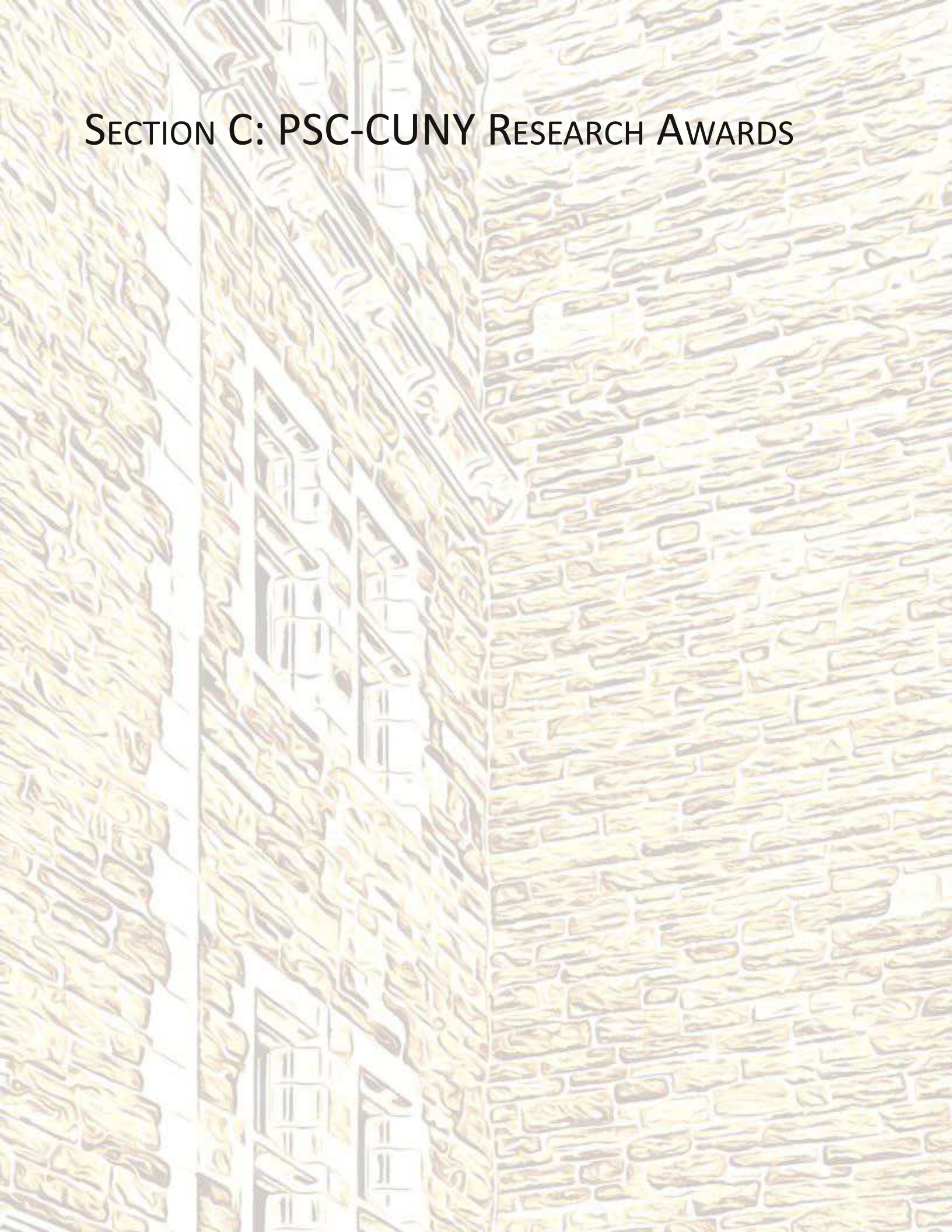
Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Raia, Federica Borman, Greg Borman, Greg	50089-00-10	Earth and Atmospheric Sciences	12/16/2010 Continuation	\$35,660	9/1/2010 8/31/2011	Synergistic Science: A School- College Learning Community to Improve Science Teaching and Learning in Grades 5-9
Roth, Millicent	50056-00-14	Psychology	9/29/2010 Continuation	\$334,442	7/1/2010 6/30/2011	Collegiate Science and Technology Entry Program - CSTEP
Slater, Morton	50051-00-14	Administration	9/14/2010 Continuation	\$338,598	7/1/2010 6/30/2011	STEP: Gateway to Higher Education
Witherspoon, Karen Job, Yuri Job, Yuri	50037-00-17	Urban and Government Affairs	11/17/2010 Continuation	\$506,868	9/1/2010 8/31/2011	Liberty Partnerships Program
Total For Agency: NYS ED DEPT				\$2,013,270		
NYS ERDA						
Banerjee, Sanjoy Steingart, Daniel Steingart, Daniel	55823-00-01	Chemical Engineering	3/30/2011 New	\$1,000,000	1/3/2011 1/3/2014	Flow Assisted Nickel-Zinc Battery for Stationary Applications Development and Demonstration
Bobker, Michael	55822-00-01	CUNY Institute for Urban Systems	6/6/2011 New	\$95,000	3/1/2011 12/31/2011	CUNY Benchmarking Help Center
Kamga, Camille	55820-00-01	Civil Engineering	3/17/2011 New	\$74,913	1/1/2011 12/31/2012	Underground Pneumatic Transport of Municipal Solid Waste and Recyclables Using New York City Subway
Infrastructure						
O'Brien, Stephen Steingart, Daniel Steingart, Daniel	55814-00-01	Chemistry	2/24/2011 New	\$149,598	9/28/2010 9/28/2012	Metacapacitors: Transformational Low Cost, High Performance Scalable Dielectric Materials
Total For Agency: NYS ERDA				\$1,319,511		
NYS OCFS						
Pearsall, Betty Thornton, Latrella	59074-04-18	Administration	3/1/2011 Continuation	\$93,440	8/1/2009 7/31/2010	Child Care Development Block Grant
Total For Agency: NYS OCFS				\$93,440		
NYSTAR						

AWARDS RECEIVED (by Sponsor)

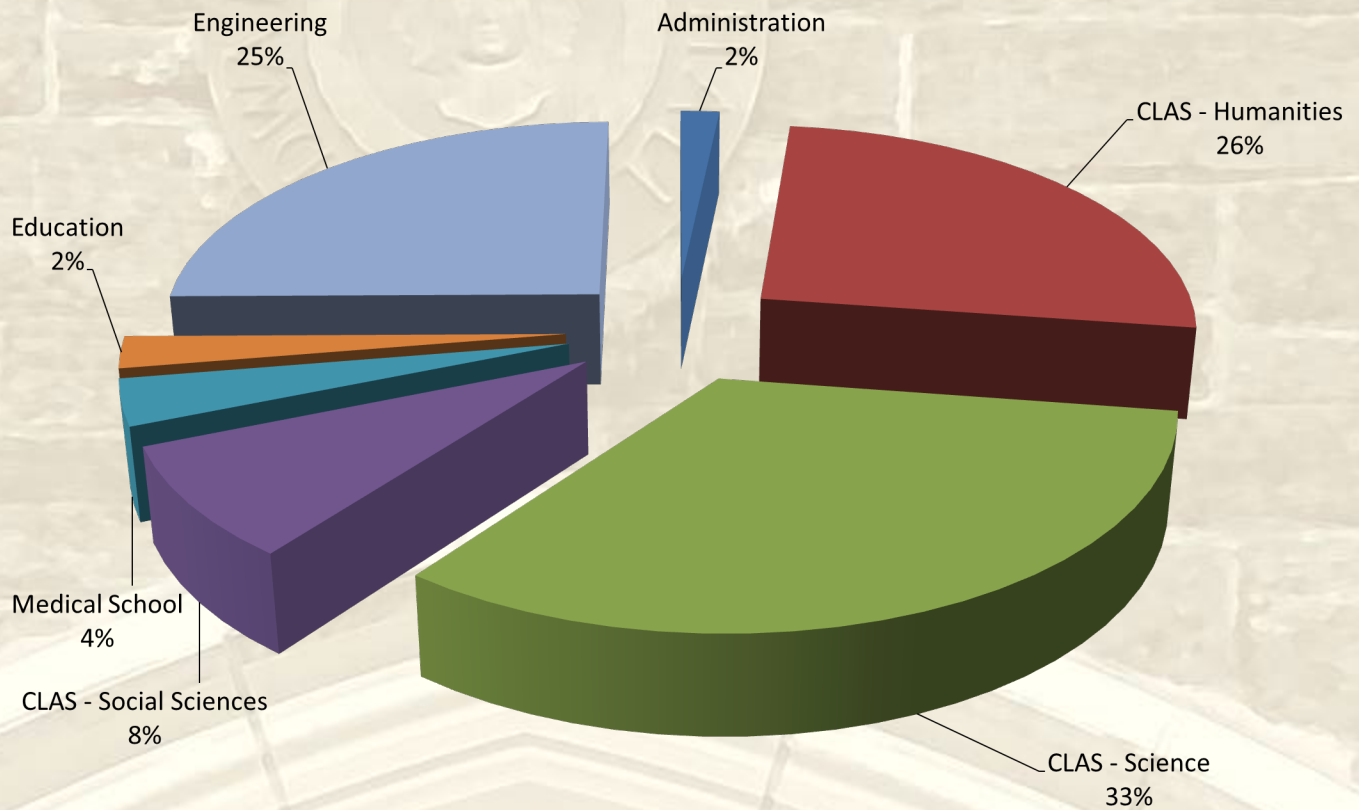
7/1/2010 - 6/30/2011

Investigator	RF #	Department	Award Date Award Type	Amount	Start Date End Date	Title
Crouse, David Small, Gillian Small, Gillian	55418-00-03	Electrical Engineering	7/1/2010 Continuation	\$921,200	7/1/2010 6/30/2011	CAT: Center for Advanced Technology
Total For Agency: NYSTAR				\$921,200		
Total For Agency Type: STATE				\$4,699,622		
Grand Total				\$66,421,529		

SECTION C: PSC-CUNY RESEARCH AWARDS



FUNDING FOR PSC-CUNY BY COLLEGE



Sponsor	Amount
Administration	\$6,223
CLAS - Humanities	\$96,012
CLAS - Science	\$123,560
CLAS - Social Sciences	\$31,957
Medical School	\$13,276
Education	\$9,175
Engineering	\$94,185
Total	\$374,388

PSC - CUNY Awards

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
<u>Administration</u>						
Center for Worker Education						
Benedicty, Alessandra	64221-00 42	PSC-CUNY	4/25/2011 New	\$3,225	7/1/2011 6/30/2012	Textual Possessions: The Haitian Contemporary Novel, Vodou, and French Intellectual History
Lutz, Mary	64102-00 42	PSC-CUNY	4/25/2011 New	\$2,998	7/1/2011 6/30/2012	Comprehensive Community Needs Survey - Harlem 2011
Total For Dept: Center for Worker Education				\$6,223		
<u>Total For School: Administration</u>				\$6,223		
<u>CLAS - Humanities</u>						
Art						
Albee, Becca	64559-00 42	PSC-CUNY	4/25/2011 New	\$6,000	7/1/2011 6/30/2012	Pit
Fisher, Joel w.	64489-00 42	PSC-CUNY	4/25/2011 New	\$6,000	7/1/2011 6/30/2012	Washington to Washington: Solo Exhibition Limited Ed. Portfolio
Foster, Megan	64178-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	National Park Research
Gagliardi, Susan	64540-00 42	PSC-CUNY	4/25/2011 New	\$5,984	7/1/2011 6/30/2012	Seeing and the Unseen: Arts of Power Associations on the Senufo-Mande Cultural Frontier
Indych, Anna	64473-00 42	PSC-CUNY	4/25/2011 New	\$5,800	7/1/2011 6/30/2012	Diego Rivera and the Problem of Realism
Kjaer, Lise	64572-00 42	PSC-CUNY	4/25/2011 New	\$3,990	7/1/2011 6/30/2012	The Influence of Ananda K. Coomaraswamy on Twentieth Century Art
Weintraub, Annette	64174-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Surface Incident, Final Iteration
Total For Dept: Art				\$34,774		
English						
Abdoh, Salar	64224-00 42	PSC-CUNY	4/25/2011	\$2,822	7/1/2011	Tehran Kids

PSC - CUNY Awards

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
Di Iorio Sandin, Lyn	64567-00 42	PSC-CUNY	New 4/25/2011	\$3,990	6/30/2012 7/1/2011	Moments of Magical Realism in U.S. Ethnic Literatures
Gandal, Keith	64468-00 42	PSC-CUNY	New 4/25/2011	\$3,990	6/30/2012 7/1/2011	Why the Vietnam Antiwar Uprising? The Confluence of Scholastic Meritocracy and Cold War Mobilization in a New Student Class
Kisery, Andras	64593-00 42	PSC-CUNY	New 4/25/2011	\$4,429	6/30/2012 7/1/2011	Renaissance Drama and Diplomacy: The Case of Shakespeare's Hamlet
Total For Dept: English				\$15,231		
Foreign Language & Literature						
Castro McGowan, Regina	64356-00 42	PSC-CUNY	New 4/25/2011	\$3,500	6/30/2012 7/1/2011	Nita Lupi's Unpublished Poems: A Biligual Portuguese/English Critical Edition
Total For Dept: Foreign Language & Literature				\$3,500		
History						
Baron, Beth	64293-00 42	PSC-CUNY	New 4/25/2011	\$3,500	6/30/2012 7/1/2011	Contesting Conversion: Missionaries, Islamist Activists, and Orphans in Egypt
Brooks, Barbara	64283-00 42	PSC-CUNY	New 4/25/2011	\$3,500	6/30/2012 7/1/2011	The League of Nations and Japanese Traffic in Women and Children
Downs, Gregory	64194-00 42	PSC-CUNY	New 4/25/2011	\$3,500	6/30/2012 7/1/2011	The Ends of the War: Rethinking American Reconstruction
Greble, Emily	64527-00 42	PSC-CUNY	New 4/25/2011	\$4,610	6/30/2012 7/1/2011	Islam and the European Nation-State: Muslims between Mosque and State in Yugoslavia, 1908-1949
Hu, Danian	64678-00 42	PSC-CUNY	New 4/25/2011	\$6,000	6/30/2012 7/1/2011	William Band and Science in China, 1929- 1944
Killen, Andreas	64302-00 42	PSC-CUNY	New 4/25/2011	\$3,250	6/30/2012 7/1/2011	Cinema and Human Science in Germany 1900-1945
Total For Dept: History				\$24,360		
Media and Communication Arts						

PSC - CUNY Awards

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
Davidson, Dave	64378-00 42	PSC-CUNY	4/25/2011 New	\$3,358	7/1/2011 6/30/2012	Size-Productivity Relationship in the Manufacturing Sectors of Emerging Economies - The Case of India
Total For Dept: Media and Communication Arts				\$3,358		
Philosophy						
Bradley, Darren	64463-00 42	PSC-CUNY	4/25/2011 New	\$3,990	7/1/2011 6/30/2012	Functionalism and the Laws of Nature
Total For Dept: Philosophy				\$3,990		
Theatre						
Mazzola, Elisabeth	64470-00 42	PSC-CUNY	4/25/2011 New	\$5,690	7/1/2011 6/30/2012	Vulgar Tongues and Vulgar Scripts: The Learning and Writing of Women in Early Modern England
Potts, Kathleen	64153-00 42	PSC-CUNY	4/25/2011 New	\$1,610	7/1/2011 6/30/2012	"Before Television's WILL AND GRACE : Peter and Heidi, of Wendy Wasserstein's THE HEIDI CHRONICLES, Explode the Idea of the Nuclear Family"
Willinger, David	64147-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Ivo Van Hove: A Major Theatre Artist and His Work
Total For Dept: Theatre				\$10,800		
Total For School: CLAS - Humanities				\$96,012		
CLAS - Science						
Biology						
Anderson, Robert	64215-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Effects of Quaternary Climatic Oscillations on the Evolution of Small Mammals in the Highlands of Costa Rica and Western Panama
Berkov, Amy	64264-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Revealing Food-Web Links with Molecular Analysis of Parasitoid Gut Contents
Hubbard, Karen	64685-00 42	PSC-CUNY	4/25/2011 New	\$5,995	7/1/2011 6/30/2012	RAS/MAPK Pathway Regulation of hnRNP A1

PSC - CUNY Awards

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
Hubbard, Karen	64142-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Role of Reduced Sulfur Species in Promoting the Transformation of an Emerging Flameretardant
Total For Dept: Biology				\$16,495		
Chemistry						
Birke, Ronald	64513-00 42	PSC-CUNY	4/25/2011 New	\$5,995	7/1/2011 6/30/2012	Time Dependent DFT (TD-DFT) Calculations for SERS Spectroscopy of Metal-Nanoparticle-Molecule Systems
Green, Michael	64529-00 42	PSC-CUNY	4/25/2011 New	\$5,999	7/1/2011 6/30/2012	Quantum Calculations on the Role of Protons in Ion Channel Gating
John, George	64735-00 42	PSC-CUNY	4/25/2011 New	\$11,990	7/1/2011 6/30/2012	Biobased Molecular Gels for Cleaning Oil Spills
Lakshman, Mahesh	64482-00 42	PSC-CUNY	4/25/2011 New	\$6,000	7/1/2011 6/30/2012	Metal-Catalyzed Approach to Polycyclic Aromatic Hydrocarbons and Their Metabolites
Pradhan, Padmanava	64126-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Conformational Studies of Synthetic Precursors to Diolepoxide-Oligonucleotide Adducts using NMR and DFT based Computations
Zajc, Barbara	64488-00 42	PSC-CUNY	4/25/2011 New	\$6,000	7/1/2011 6/30/2012	Synthesis of Novel Second-Generation Fluoro Julia Reagents via a Multifunctionalizable Precursor
Total For Dept: Chemistry				\$39,484		
Earth and Atmospheric Sciences						
Block, Karin	64577-00 42	PSC-CUNY	4/25/2011 New	\$5,999	7/1/2011 6/30/2012	Biofilm-Clay Interactions and the Transfer of Organic Molecules
Total For Dept: Earth and Atmospheric Sciences				\$5,999		
Mathematics						
Brown, Mark	64375-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Research in Applied Probability and Statistics
Chinta, Gautam	64739-00 42	PSC-CUNY	4/25/2011 New	\$12,000	7/1/2011 6/30/2012	Zeta Functions of Prehomogeneous Vector Spaces

PSC - CUNY Awards

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
Cleary, Sean	64452-00 42	PSC-CUNY	4/25/2011 New	\$3,990	7/1/2011 6/30/2012	Metric Properties of Thompson's Groups
Hooper, William	64049-00 42	PSC-CUNY	4/25/2011 New	\$3,413	7/1/2011 6/30/2012	Renormalization in Polygon Exchange Maps
Jorgenson, Jay	64484-00 42	PSC-CUNY	4/25/2011 New	\$4,500	7/1/2011 6/30/2012	On the Derivative of Selberg Zeta Function and Non-Parabolic Eisenstein Series
Marcus, Michael	64239-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Research in Stochastic Processes
Santoro, Bianca	64059-00 42	PSC-CUNY	4/25/2011 New	\$2,280	7/1/2011 6/30/2012	Yang-Mills Energy Minimizers in Higher Dimensions
Shpilrain, Vladimir	64043-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Complexity of Algorithmic Problems in Group Theory
Wolf, Christian	64247-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Generalized Physical and SRB-Measures
Total For Dept: Mathematics				\$40,183		
Physics						
Nair, V.P.	64731-00 42	PSC-CUNY	4/25/2011 New	\$11,999	7/1/2011 6/30/2012	Investigations in Casimir Effect and Finite-Temperature Field Theory
Polychronakos, Alexios	64526-00 42	PSC-CUNY	4/25/2011 New	\$5,999	7/1/2011 6/30/2012	Renormalizable Completions of Einstein's Gravity
Vitkalov, Sergey	64259-00 42	PSC-CUNY	4/25/2011 New	\$3,400	7/1/2011 6/30/2012	Nonlinear Electron Properties of Oxide Heterojunctions
Total For Dept: Physics				\$21,398		
Total For School: CLAS - Science				\$123,560		
<u>CLAS - Social Sciences</u>						
Anthropology						
Wall, Diana	64737-00 42	PSC-CUNY	4/25/2011 New	\$0	7/1/2011 6/30/2012	Seneca Village: Archaeological Excavation and Analysis
Total For Dept: Anthropology				\$0		
Economics						

PSC - CUNY Awards

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
Berechman, Joseph	64647-00 42	PSC-CUNY	4/25/2011 New	\$6,000	7/1/2011 6/30/2012	Public Decision-Making on Infrastructure Investments -- The Case of Transportation Mega-Projects
Lu, Zhou	64288-00 42	PSC-CUNY	4/25/2011 New	\$2,900	7/1/2011 6/30/2012	Why Privatization Through Management Buy-Out Was So Dominant in China's Rural Industry?
Total For Dept: Economics				\$8,900		
Political Science						
Krinsky, John	64722-00 42	PSC-CUNY	4/25/2011 New	\$10,785	7/1/2011 6/30/2012	Who Cleans Your Park? The Restructuring of Urban Public Service Work
Total For Dept: Political Science				\$10,785		
Psychology						
Akinsulure-Smith, Adeyinka	64459-00 42	PSC-CUNY	4/25/2011 New	\$4,783	7/1/2011 6/30/2012	HIV Knowledge, Risk and Protective Factors among West African Refugees, Asylees, and Asylum Seekers in New York City
Total For Dept: Psychology				\$4,783		
Sociology						
Bozorgmehr, Medhi	64042-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	9/11/11: Assessing the Impact on Middle Eastern and Muslim Communities
Chen, Katherine K.	64495-00 42	PSC-CUNY	4/25/2011 New	\$3,990	7/1/2011 6/30/2012	How Do Interorganizational Networks Cope with Extreme Uncertainty?
Total For Dept: Sociology				\$7,490		
<u>Total For School: CLAS - Social Sciences</u>				\$31,957		
<u>Education</u>						
Education						
Castiglioni, Maria	64084-00 42	PSC-CUNY	4/25/2011 New	\$3,076	7/1/2011 6/30/2012	Enhancing College Students Creativity Through Exposure to the Arts
Gibson, Lenwood	64103-00 42	PSC-CUNY	4/25/2011	\$3,500	7/1/2011	Computer Assisted Reading Instruction

PSC - CUNY Awards

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
			New		6/30/2012	for Urban Learners: A Critical Review of the Literature
Yawn, Christopher	64273-00 42	PSC-CUNY	4/25/2011 New	\$2,600	7/1/2011 6/30/2012	Incorporating Parental Participation in Teacher Education Programs
Total For Dept: Education				\$9,175		
Total For School: Education				\$9,175		
<u>Engineering</u>						
Biomedical Engineering						
Fritton, Susannah	64564-00 42	PSC-CUNY	4/25/2011 New	\$5,995	7/1/2011 6/30/2012	3D Visualization and Quantification of Bone Blood Vessels
Total For Dept: Biomedical Engineering				\$5,995		
Civil Engineering						
Conway, Alison	64477-00 42	PSC-CUNY	4/25/2011 New	\$5,622	7/1/2011 6/30/2012	Characterizing Curbside Truck-Bicycle Interactions in New York City
Diyamandoglu, Vasil	64581-00 42	PSC-CUNY	4/25/2011 New	\$5,999	7/1/2011 6/30/2012	Application of UV Irradiation in Water Purification - Decomposition of Organic Carbon and Chlorine Residual
Lin, Feng - Bao	64651-00 42	PSC-CUNY	4/25/2011 New	\$6,000	7/1/2011 6/30/2012	Structural Integrity Monitoring System for Detecting Structure Collapse Caused by Fire
Total For Dept: Civil Engineering				\$17,621		
Computer Science						
Fazio, Nelly	64578-00 42	PSC-CUNY	4/25/2011 New	\$6,000	7/1/2011 6/30/2012	Steganography for the Multi-Recipient Setting
Kawaguchi, Akira	64412-00 42	PSC-CUNY	4/25/2011 New	\$3,497	7/1/2011 6/30/2012	Extending Community Support System for Disabled Bus Riders
Wei, Jie	64015-00 42	PSC-CUNY	4/25/2011 New	\$3,148	7/1/2011 6/30/2012	Visual Object Indexing and Recognition in Multimedia Database
Zhang, Jianting	64698-00 42	PSC-CUNY	4/25/2011 New	\$5,969	7/1/2011 6/30/2012	Geospatial Data Integration and Visual Analytics of Severe Weather Impacts in Metropolitan Areas

PSC - CUNY Awards

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
Total For Dept: Computer Science				\$18,614		
Electrical Engineering						
Madamopoulos, Nicholas	64472-00 42	PSC-CUNY	4/25/2011 New	\$5,995	7/1/2011 6/30/2012	Daylight Reuse for Improving Energy Efficiency in Existing Buildings
Seo, Sang-Woo	64509-00 42	PSC-CUNY	4/25/2011 New	\$5,994	7/1/2011 6/30/2012	Scalable, High-power, Compact, Terahertz (THz) Emitters for THz Imaging Systems
Sun, Yi	64546-00 42	PSC-CUNY	4/25/2011 New	\$5,967	7/1/2011 6/30/2012	Neovascularization Assessment of Atherosclerotic Plaques in DCE-MRI by DIEEF and Semiquantiative Parameters
Tian, YingLi	64720-00 42	PSC-CUNY	4/25/2011 New	\$11,998	7/1/2011 6/30/2012	Component-Based Pose Invariant Human Detection from Images
Total For Dept: Electrical Engineering				\$29,954		
Mechanical Engineering						
Jiji, Latif	64127-00 42	PSC-CUNY	4/25/2011 New	\$3,000	7/1/2011 6/30/2012	Passive Cooling of Outdoor Electronic Enclosures Using PCM
Lee, Taehun	64392-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	High-Order Lattice Boltzmann Large-Eddy Simulation of Fully Inhomogeneous Turbulent Flows
Li, Jackie	64150-00 42	PSC-CUNY	4/25/2011 New	\$3,500	7/1/2011 6/30/2012	Effective Magnetoelectric (ME) Properties of Multiferroic Composites
Liaw, Benjamin	64543-00 42	PSC-CUNY	4/25/2011 New	\$6,000	7/1/2011 6/30/2012	Further Assessment of Self-Sensing Interlaminar Fatigue Damage in Composites via Electrical Resistance
Sadegh, Ali	64589-00 42	PSC-CUNY	4/25/2011 New	\$6,000	7/1/2011 6/30/2012	Effect of Trabecular Architecture on Transferring Load/Lmpact to the Brain: A Local Model of Single Trabecula
Total For Dept: Mechanical Engineering				\$22,000		
Total For School: Engineering				\$94,185		

Medical School

Cell Biology & Anatomical Science

PSC - CUNY Awards

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
Yu, Wan-Hua Amy	64704-00 42	PSC-CUNY	4/25/2011 New	\$4,000	7/1/2011 6/30/2012	Microglia Activation and Neuronal Survival after Injury
Total For Dept: Cell Biology & Anatomical Science				\$4,000		
CHASM						
Montini, Theresa	64328-00 42	PSC-CUNY	4/25/2011 New	\$3,416	7/1/2011 6/30/2012	Smoking Cessation in Substance Abuse Treatment Clinics
Total For Dept: CHASM				\$3,416		
Physiology/Pharmacology						
Chan, Christopher	64658-00 42	PSC-CUNY	4/25/2011 New	\$5,860	7/1/2011 6/30/2012	Insular Neural-Cellular Mechanisms Leading to Drug Relapse
Total For Dept: Physiology/Pharmacology				\$5,860		
<u>Total For School: Medical School</u>				\$13,276		
Grand Total:				\$374,388		

SECTION D: CUNY PROGRAMS

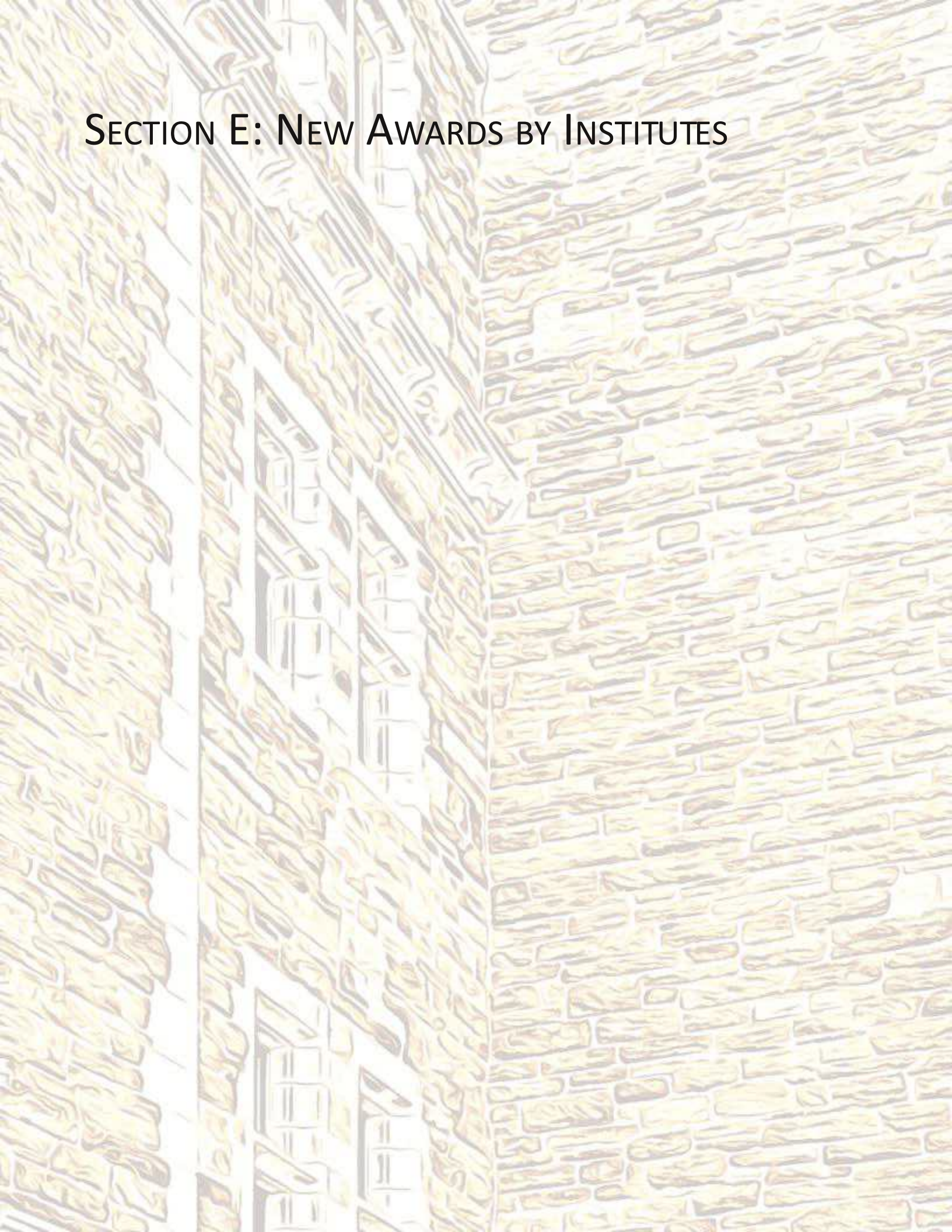


CUNY Collaborative Incentive -and- CUNY Equipment Awards

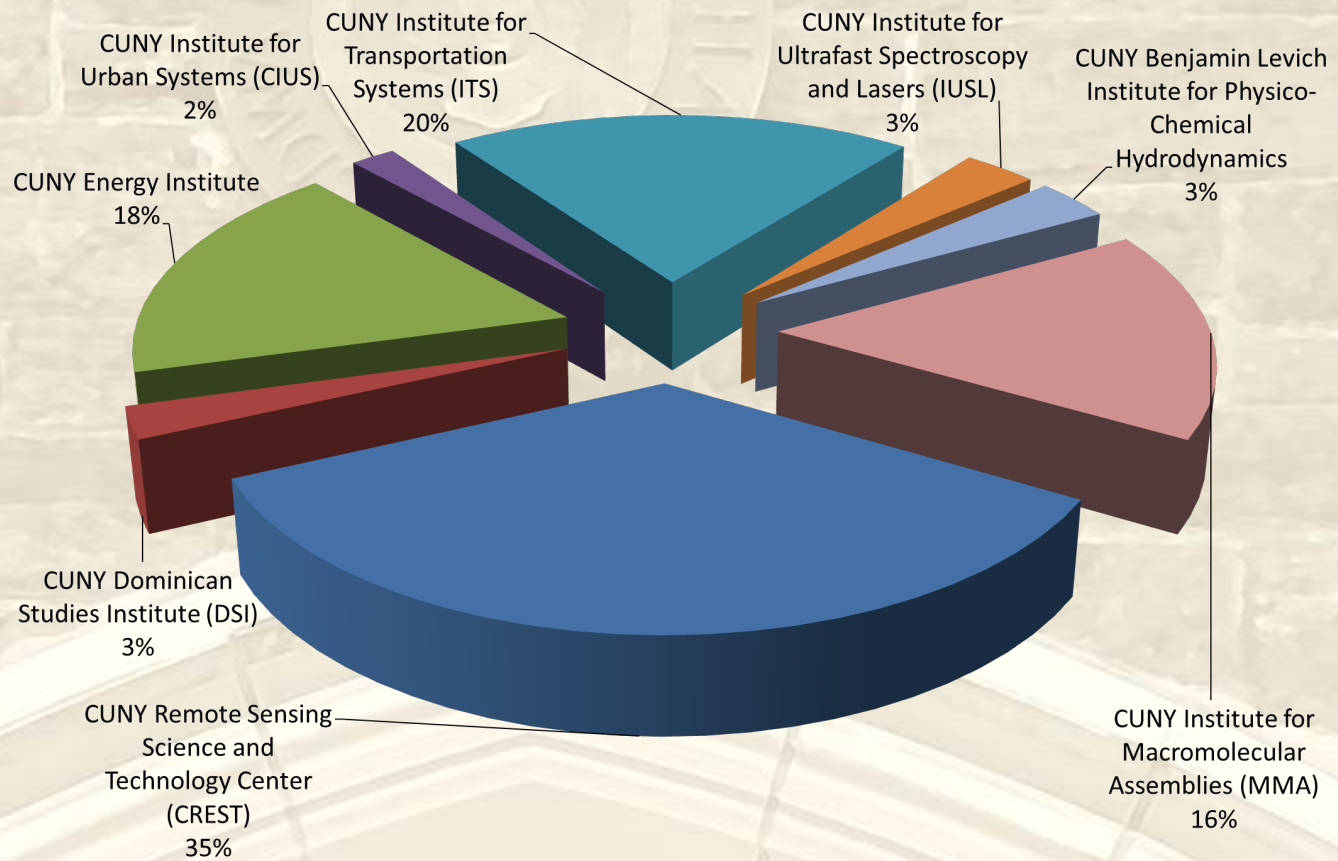
7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount Amount	Start Date Start Date	End Date Title
<u>CLAS - Science</u>						
Physics						
Meriles, Carlos	80209-04-17	CUNY-	10/6/2010 New	\$30,000	9/1/2010 9/30/2011	Optical Detection of Nuclear Magnetic Resonance in Organic Fluids via Cavity-Enhanced Faraday Rotation
Total For Dept: Physics				\$30,000		
<u>Total For School: CLAS - Science</u>				\$30,000		
<u>Engineering</u>						
Electrical Engineering						
Tian, YingLi	80209-01-17	CUNY-	10/6/2010 New	\$30,000	9/1/2010 9/30/2011	Privacy Preserving Video Surveillance in Complex Environments
Total For Dept: Electrical Engineering				\$30,000		
<u>Total For School: Engineering</u>				\$30,000		
<u>Grand Total</u>				\$60,000		

SECTION E: NEW AWARDS BY INSTITUTES



FUNDING BY INSTITUTE



Institute	Amount
CUNY Remote Sensing Science and Technology Center (CREST)	\$10,069,378
CUNY Dominican Studies Institute (DSI)	\$720,000
CUNY Energy Institute	\$5,094,556
CUNY Institute for Urban Systems (CIUS)	\$563,531
CUNY Institute for Transportation Systems (ITS)	\$5,832,928
CUNY Institute for Ultrafast Spectroscopy and Lasers (IUSL)	\$919,300
CUNY Benjamin Levich Institute for Physico-Chemical Hydrodynamics	\$944,418
CUNY Institute for Macromolecular Assemblies (MMA)	\$4,738,877
Total	\$28,882,988

CUNY Cooperative Remote Sensing Science and Technology Center (CREST)

Institute Director Name: Reza Khanbilvardi

Reza Khanbilvardi
Bill Rossow
Charles Vorosmarty
Samir Ahmed
Kyle McDonald
Marco Tedesco
Johnny Luo
Michael Piasceki
Jorge Gonzalez
Fred Moshary
Barry Gross
Alex Gilerson
Shayesteh Mahani
Nir Krakauer
Hansang Tang
Irina Gladkova
Michael Grossberg
Jiang Zhang
Lenny Royman
Marouane Temimi
Shakila Merchant
Brian Vant-Hull
Tarendra Lakhankar
Peter Romanov
Rouzbeh.Nazari

CUNY Dominican Studies Institute

Institute Director Name: Ramona Hernandez

Ramona Hernandez
Idilio Gracia Peña
Anthony Stevens Acevedo
Sarah Aponte

CUNY Institute for Ultrafast Spectroscopy and Lasers (IUSL)

Institute Director Name: Robert R. Alfano

Joseph Birman
Paul Gottlieb
Roger Dorsinville
Jeffrey Steiner
Ping-Pei Ho
Carlos Meriles
Wubao Wang
Bidyut B. Das
Vladimir Petricevic
Swapn K. Gayen
Sang-Woo Seo
Aidong Shen
Tarek N. Saadawi
Jiufeng Tu
David Crouse
Sergey Vitkalov
Joel Gersten
Kai Shum
Shengkun Zhang
Joseph Malinsky
Iosif Zevlikovich
Azriel Genack
Vinod Menon
Nan-Loh Yang

CUNY Benjamin Levich Institute for Physico-Chemical Hydrodynamics (Levich)

Institute Director Name: Morton Denn

Morton Denn
Jeffrey Morris
Charles Maldarelli
Joel Koplik
Mark Shattuck
Hernan Makse

CUNY Energy Institute**Institute Director Name: Sanjoy Banerjee**

Institute Member

Sanjoy Banerjee

Masahiro Kawaji

Taehun Lee

Irvan Rinard

Reuel Shinnar

Stephen O'Brien

Dan Steingart

CUNY Institute for Macromolecular Assemblies (MMA)**Institute Director Name: Ruth E. Stark**

Zimei Bu

Marco Ceruso

Ranajeet Ghose

M. Lane Gilchrist, Jr.

Paul Gottlieb

Marilyn Gunner

George John

Ronald Koder

Themis Lazaridis

Kevin Ryan

Ruth E. Stark

Raymond Tu

CUNY Institute for Transportation Systems (ITS)**Institute Director Name: Neville A. Parker**

Neville A. Parker

Anil Agrawal

Alison Conway

Camille Kamga

Claire McKnight

Robert Paaswell

Michel Ghosn

Kyriacos Mouskos

Md. Shoaib Chowdhury

Akira Kawaguchi

Umit Uyar

Yiannis Andreopoulos

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
<u>Institute</u>						
<i>CUNY Remote Sensing Science and Technology Center (CREST)</i>						
Ahmed, Samir Gross, Barry Grossberg, Michael Khanbilvardi, Reza M. Moshary, Fred	75694-00-01	NO. CAROLINA A&T	9/9/2010 Continuation	\$526,040	9/1/2006 8/31/2012	NOAA Interdisciplinary Scientific Environmental Technology (ISET) Cooperative Research Education Center
Ahmed, Samir Gilerson, Alex Gross, Barry Moshary, Fred	47188-00-01	ONR	1/24/2011 Continuation	\$300,000	11/24/2009 11/15/2012	Exploring Techniques for Improving Retrievals of Bio-Optical Properties of Coastal Waters
Ahmed, Samir	47196-00-01	ONR	8/23/2010 New	\$70,000	9/1/2010 3/31/2011	Development of a Near-Real Time Monitoring Tool of Satellite Ocean Color Data Quality Based on AERONET-OC Data
Block, Karin	40A72-00-01	NSF	7/13/2010 New	\$249,650	7/1/2010 6/30/2013	CCLI: The Geoscience Students Data Network: A Cyberinfrastructure-Based Approach for Collaborative Classroom-, Field-, and Laboratory-Based
Carnaval, Ana	40B18-00-01	NSF	11/1/2010 New	\$49,965	11/1/2010 10/31/2011	Why are Mountains so Diverse? An Evolutionary Biogeographic Study of High Elevation Herpetiles in the Brazilian Atlantic Forest Hotspot
Gilerson, Alex Ahmed, Samir	75970-00-01	U OF TEXAS	1/19/2011 Continuation	\$204,647	6/1/2009 5/31/2012	Biological Response to Polarized Underwater Light Field
Gonzalez, Jorge	40683-00-01	NSF	2/17/2011 Continuation	\$126,990	8/1/2009 7/31/2011	Understanding Impacts of Climate Change on Energy Infrastructure in Urbanized Coastal Area
Gonzalez, Jorge	46349-00-01	US DEPT OF ED	9/29/2010 New	\$290,930	10/1/2010 9/30/2011	Promoting Postbaccalaureate Opportunities for Hispanic Americans (PPOHA)
Gonzalez, Jorge	40683-00-01	NSF	2/17/2011 Continuation	\$17,500	8/1/2009 7/31/2011	Understanding Impacts of Climate Change on Energy Infrastructure in Urbanized Coastal Area

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Grossberg, Michael Gladkova, Irina Roytman, Leonid	49120-00-01	NOAA	9/30/2010 Continuation	\$60,000	7/1/2008 6/30/2010	Teaming Game Technology with NOAA HPC Resources for Collaborative Data Exploration and Research Prototyping
Grossberg, Michael	76065-00-01	MEM SLOAN	10/1/2010 New	\$6,334	7/1/2009 6/30/2011	Semi-Automatic Segmentation of Anatomical Structures from CT Images for Radiation Treatment Planning
Khanbilvardi, Reza M.	49100-00-05	NOAA	9/8/2010 Continuation	\$2,221,860	1/1/2010 8/31/2012	NOAA Cooperative Remote Sensing Science & Technology Center (CREST)
Khanbilvardi, Reza M. Romanov, Peter	76034-02-01	U OF MARYLAND	7/1/2010 New	\$30,000	7/1/2010 6/30/2011	Development of an Upgraded Southern Hemisphere Automated Snow/Ice Product
Khanbilvardi, Reza M. Romanov, Peter	76034-07-01	U OF MARYLAND	10/26/2010 New	\$60,000	7/1/2010 6/30/2011	Development of Operational Algorithms and Software to Derive and Validate NDVI and Green Vegetation
Khanbilvardi, Reza M. Merchant, Shakila	76034-01-01	U OF MARYLAND	7/1/2010 New	\$12,000	7/1/2010 6/30/2011	CREST Support to the NESDIS Cooperative Research Exchange Program
Khanbilvardi, Reza M. Proxy Gross, Barry	76034-03-01	U OF MARYLAND	9/9/2010 New	\$36,000	7/1/2010 6/30/2011	Development of Validation Tools and Data for GOES-R ABI Air Quality Proving Ground for the Northeast (NY Metro Region)
Khanbilvardi, Reza M. Roytman, Leonid	76034-10-01	U OF MARYLAND	10/26/2010 New	\$125,000	7/1/2010 6/30/2011	Inter-Calibration and Scaling-Up Algorithm for SEVIRI and NOAA-18 Data - Year 2
Khanbilvardi, Reza M. Temimi, Marouane	76034-08-01	U OF MARYLAND	10/26/2010 New	\$125,000	7/1/2010 6/30/2010	Development of an Advanced Technique for Mapping Sea Ice with ABI
Khanbilvardi, Reza M. Mahani, Shayesteh	76034-04-01	U OF MARYLAND	9/9/2010 New	\$119,300	7/1/2010 6/30/2011	Transitioning GOES-Based Nowcasting Capability into the GOES-R Era
Khanbilvardi, Reza M. Gladkova, Irina Grossberg, Michael	76034-12-01	U OF MARYLAND	10/26/2010 New	\$80,000	7/1/2010 6/30/2011	Using Graphyte to Create a Platform for NOAA Collaborative Scientific Computing
Khanbilvardi, Reza M. Gladkova, Irina Grossberg, Michael	76034-11-01	U OF MARYLAND	10/26/2010 New	\$40,000	7/1/2010 6/30/2011	Graphyte Toolkit as Online Lab for NOAA Distance Learning

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Khanbilvardi, Reza M. Romanov, Peter	76034-00-01	U OF MARYLAND	7/1/2010 New	\$150,000	7/1/2010 6/30/2011	CICS: Development of an Upgraded Southern Hemisphere Automated Snow/Ice Product
Khanbilvardi, Reza M. Mahani, Shayesteh	49100-06-04	NOAA	8/1/2010 New	\$100,000	1/1/2010 8/31/2011	Development of a Multi-sensor Precipitation Algorithm
Khanbilvardi, Reza M. Ahmed, Samir	49100-04-04	NOAA	8/1/2010 New	\$28,000	1/1/2010 8/31/2011	Developing the AERONET-SeaPRISM Data Product for NPOESS Cal/Val and Generation of Ocean EDR
Khanbilvardi, Reza M. Temimi, Marouane	49100-03-04	NOAA	8/1/2010 New	\$118,938	1/1/2010 8/31/2011	River Ice Monitoring Over the Susquehanna River Basin using Remote Sensing Data
Khanbilvardi, Reza M. Temimi, Marouane	76034-05-01	U OF MARYLAND	9/9/2010 New	\$3,200	7/1/2010 6/30/2011	Applications to the GOES-R Program to Support Scientific Visits to NOAA Centers
Khanbilvardi, Reza M. Vant-Hull, Brian	76034-06-01	U OF MARYLAND	9/9/2010 New	\$1,600	7/1/2010 6/30/2011	Visiting Scientists: Using Volume Growth Rates of Clouds for Precipitation Estimation
Khanbilvardi, Reza M.	49109-07-01	NOAA	9/17/2010 New	\$50,000	9/21/2010 9/20/2011	Research and Development to Identify a Snow Prediction Algorithm from Satellite Data
Khanbilvardi, Reza M. Vant-Hull, Brian	76034-09-01	U OF MARYLAND	10/26/2010 New	\$60,000	7/1/2010 6/30/2011	Mesoscale Convective System Climatology Using Geostationary Infrared Imagery
Khanbilvardi, Reza M.	76082-00-01	COLUMBIA UNIV	12/30/2010 New	\$108,000	10/1/2010 9/30/2011	NE Consortium on Climate Risks (NECCR)
Khanbilvardi, Reza M.	76076-03-01	ALFRED P. SLOAN FDT	5/31/2011 New	\$4,000	1/20/2011 7/1/2012	Development of PSM Programs
Luo, Zhengzhao	75963-00-01	COLORADO STATE	7/22/2010 Continuation	\$18,112	5/5/2009 5/4/2012	On the Maintenance and Use of A-Train Simulators to Evaluate the Cloudiness and Precipitation Parameterizations of Global Models
Luo, Zhengzhao Rossow, William	49148-00-01	NOAA	3/31/2011 Continuation	\$161,970	5/1/2010 4/30/2013	Creating UTH-Related FCDRs from Thermal and Microwave Sensors Cross-Calibrated by in-Situ Measurements from Commercial Aircraft

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Luo, Zhengzhao Rossow, William	49683-00-01	NASA	7/16/2010 New	\$206,670	6/16/2010 6/15/2013	Tropical Convective Processes: New Insights from Satellite/Modelling Perspective and Framework for Evaluating Cumulus Parameterization
Moshary, Fred Ahmed, Samir Gross, Barry Tamargo, Maria Wittig, Ann	75654-00-04	PRINCETON UNIV	9/8/2010 Continuation	\$310,000	5/1/2010 4/30/2011	Mid-Infrared Technologies for Health and Environment (MIRTH)
Rossow, William	75683-00-01	JPL	9/29/2010 Continuation	\$50,000	10/5/2006 9/30/2011	NASA - Cloudsat Mission
Rossow, William	49667-00-01	NASA	4/13/2011 Continuation	\$195,585	4/10/2008 4/9/2013	Global Cloud Process Studies in the Context of Decadal Climate Variability: Enhancement and Continuation of Data Analysis for the ISCCP
Rossow, William	75675-00-01	COLORADO STATE	9/21/2010 Continuation	\$60,000	7/1/2006 6/30/2011	Development and Application of Diagnostic Analysis Tools for Investigation Differences between Observed and Modeled Cloud Behavior
Rossow, William	75992-00-01	A & E RESEARCH INC	11/5/2010 Continuation	\$23,487	11/1/2009 5/11/2013	Toward Assimilation of Satellite Data in Modeling Water Vapor Fluxes Over Land
Rossow, William	76304-00-01	U OF MARYLAND	2/23/2011 New	\$18,000	9/1/2010 8/31/2011	Prototype Development of a Microwave Radiometer Simulator for Land Surface and Precipitation Characterization
Tedesco, Marco	49688-00-01	NASA	6/7/2011 New	\$84,609	5/3/2011 5/2/2014	Maintenance and Moderate Refinement of the NASA AMSR-E SWE Operational Product
Tian, YingLi	41768-00-01	NIH	8/31/2010 New	\$190,000	9/1/2010 8/31/2011	Camera-Based Text Recognition from Complex Background for the Blind or Visually Impaired
Tian, YingLi	49160-00-01	DEPT. HOMELAND	11/18/2010 New	\$45,764	1/1/2011 12/31/2011	Affect Detection, Segmentation, and Recognition by Fusion of Facial Features and Body Gestures
Tian, YingLi	40A15-00-01	NSF	2/9/2011	\$16,000	9/15/2009	Context-Based Indoor Object Detection

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
			Continuation		8/31/2011	
<i>CUNY Remote Sensing Science and Technology Center (CREST), Crossroads Initiative</i>						
Piasecki, Michael	76090-00-01	CUAHSI	2/3/2011 New	\$88,146	1/1/2011 9/30/2011	Geoinformatics: Development of Community-Based Ontology and Standards for Hydrologic Data Discovery
Vorosmarty, Charles	49229-00-01	EPA	9/30/2010 Continuation	\$521,082	10/1/2009 9/30/2012	Impact of Climate Change and Variability on the Nation's Water Quality and Ecosystem State
Vorosmarty, Charles	40027-00-01	NSF	11/22/2010 Continuation	\$5,000	6/30/2008 5/31/2011	Humans Transforming the Water Cycle: Community Based Activities in Hydrologic Synthesis
Vorosmarty, Charles Gonzalez, Jorge	40B42-00-01	NSF	4/22/2011 New	\$2,699,999	5/1/2011 4/30/2014	A Regional Earth System Model of the Northeast Corridor: Analyzing 21st Century Climate and Environment
Total For Dept CUNY Remote Sensing Science and Technology Center (CREST) Crossroads Initiative				\$3,314,227		
Total For Dept CUNY Remote Sensing Science and Technology Center (CREST)				\$10,069,378		
<i>CUNY Dominican Studies Institute (DSI)</i>						
Hernandez, Ramona	58078-00-07	NYC CITY COUNCIL	11/4/2010 Continuation	\$720,000	7/1/2010 6/30/2011	Libraries and Archives
Total For Dept: CUNY Dominican Studies Institute (DSI)				\$720,000		
<i>CUNY Energy Institute</i>						
Bandosz, Teresa	47189-00-01	ARMY RSH OFFICE	4/30/2011 Continuation	\$129,761	1/12/2010 1/11/2013	Nanoengineered Carbon-Based Materials for Reactive Adsorption of Toxic Industrial Compounds
Bandosz, Teresa	76048-00-01	CLOROX	7/29/2010 New	\$8,000	7/1/2010 6/30/2011	Steam and CO2 Activation
Bandosz, Teresa	76079-00-01	AVON PROTECTION	12/3/2010	\$14,950	12/1/2010	Synthesis and Deposition of Graphite

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
			New		11/30/2011	Oxide, Copper Based MOF and GO/MOF Composite on Filter Cloth Materials
Bandosz, Teresa	76091-00-01	PURPLE DOOR	2/18/2011 New	\$14,585	1/1/2011 12/31/2011	Activated Carbon vs. Baking Soda as Odor Removing Media
Bandosz, Teresa	76079-01-01	AVON PROTECTION	5/12/2011 New	\$5,370	12/1/2010 11/30/2011	Synthesis and Decomposition of Graphite Oxide, Copper Based MOF and GO/MOF Composite on Filter Cloth Materials
Bandosz, Teresa Steingart, Daniel	76073-02-01	CON EDISON	6/15/2011 New	\$14,857	6/1/2011 1/31/2012	Graphene MnO ₂
Bandosz, Teresa Steingart, Daniel	47836-02-01	DOE	6/8/2011 New	\$21,574	9/29/2010 9/28/2012	Graphene MnO ₂
Banerjee, Sanjoy	49123-00-01	NRC	4/27/2011 Continuation	\$7,000	8/18/2008 8/17/2011	Support for Administrative Assistant for Advisory Committee
Banerjee, Sanjoy Steingart, Daniel	55823-00-01	NYS ERDA	3/30/2011 New	\$1,000,000	1/3/2011 1/3/2014	Flow Assisted Nickel-Zinc Battery for Stationary Applications Development and Demonstration
Banerjee, Sanjoy	47835-00-01	DOE	9/15/2010 New	\$2,997,133	9/15/2010 9/14/2013	Low Cost GRID-Scale Electrical Storage Using a Flow- Assisted Rechargeable Zinc-Manganese Oxide Battery
Couzis, Alexander	76008-00-01	MICRON POWDER IND	9/15/2010 Continuation	\$19,086	2/15/2010 2/28/2012	Designing a Manufacturing Approach for Micron and Submicron Nylon 12 and Nylon 6 Particle with Tight Particle Size Distribution
Couzis, Alexander	76073-03-01	CON EDISON	6/15/2011 New	\$22,500	6/1/2011 1/31/2012	Colloid Assistance for Alkaline MnO ₂ Nanoparticles
Couzis, Alexander	47836-03-01	DOE	6/8/2011 New	\$5,000	9/29/2010 9/28/2012	Colloid Assistance for Alkaline MnO ₂ Nanoparticles
Kretschmar, Ilona Akins, Daniel	75677-01-01	COLUMBIA UNIV	12/3/2010 Continuation	\$53,570	9/1/2006 8/31/2012	Columbia Center for Electron Transport in Molecular Nanostructures
Kretschmar, Ilona Harbottle, David	40B35-00-01	NSF	3/24/2011 New	\$330,000	4/1/2011 3/31/2014	Janus Particles at Tunable Emulsion Stabilizers

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Tu, Raymond						
Kretzschmar, Ilona	40B11-00-01	NSF	9/15/2010 New	\$147,034	9/15/2010 8/31/2012	NUE: Nanotechnology Education for CUNY Community Colleges
Kretzschmar, Ilona	76073-04-01	CON EDISON	6/15/2011 New	\$15,972	6/1/2011 1/31/2012	Large Surface Electrodes
Kretzschmar, Ilona	47836-04-01	DOE	6/8/2011 New	\$8,056	9/29/2010 9/28/2012	Large Surface Electrodes
Lee, Jae	75761-00-01	STX SHIPBUILDING CO,	5/9/2011 Continuation	\$204,108	9/1/2007 8/31/2012	Process Intensification by Integrating of Reaction and Separation
Lee, Jae Couzis, Alexander	40092-00-01	NSF	1/19/2011 Continuation	\$50,000	2/1/2009 1/31/2012	Multi-Scale Investigation of the Role of Surface- Active Agents in Gas Hydrate Formation Kinetics
* Tu, Raymond Steingart, Daniel	76073-05-01	CON EDISON	6/15/2011 New	\$14,000	6/1/2011 1/31/2012	Organic Electrolytes
Tu, Raymond Steingart, Daniel	47836-05-01	DOE	6/8/2011 New	\$12,000	9/29/2010 9/28/2012	Organic Electrolytes
Total For Dept: CUNY Energy Institute				\$5,344,287		
CUNY Institute for Urban Systems (CIUS)						
Bobker, Michael	47830-01-01	DOE	8/19/2010 New	\$160,610	7/12/2010 7/11/2011	Commercial Building Operator Certification Program
Bobker, Michael	76081-00-01	NEEC	11/14/2010 New	\$120,811	8/5/2010 8/4/2012	US DOE Curriculum Development, Sub-award from the Building Operator Certification Program (BOC)
Bobker, Michael	76305-00-01	BATTELLE	4/5/2011 New	\$98,274	3/24/2011 9/30/2011	Building Returning Curriculum
Bobker, Michael	55822-00-01	NYS ERDA	6/6/2011 New	\$95,000	3/1/2011 12/31/2011	CUNY Benchmarking Help Center
Kamga, C.	55657-03-20	NYS DEPT OF TRANS	3/7/2011 Continuation	\$29,901	12/1/2007 11/30/2009	UTRC: Long Island 2035: Building Public Consensus Around a Sustainable Future,

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
						Phase 1
Kamga, C. Agrawal, Anil	55505-01-01	NYS DEPT OF TRANS	5/21/2011 Continuation	\$57,800	4/1/2008 8/31/2011	Bridge-Vehicle Impact Assessment
Kamga, C.	75866-00-01	CTR CLIMATE	2/4/2011 Continuation	\$1,135	9/10/2008 6/30/2009	Residential-Commercial-Industrial Sector
Total For Dept: CUNY Institute for Urban Systems				\$563,531		
CUNY Institute for Transportation Systems (ITS)						
Agrawal, Anil Liu, Huabei	55505-02-03	NYS DEPT OF TRANS	3/24/2011 Continuation	\$44,880	1/15/2010 1/14/2011	Verification/Development of Seismic Design Specifications for Downstate Zone
Agrawal, Anil	57914-00-01	NYC DOT	7/15/2010 New	\$122,827	4/1/2010 3/31/2011	Steinway Street Bridge Investigation
Agrawal, Anil	55505-10-01	NYS DEPT OF TRANS	8/1/2010 New	\$194,620	9/1/2009 9/30/2011	Reliability of New York State Bridge Inspection Program
Agrawal, Anil Kamga, Camille	49111-09-22	US DEPT OF TRANS	2/2/2011 New	\$50,000	1/1/2011 12/31/2011	Finite Element Simulation of Truck Impacts on Highway Bridge Piers
Agrawal, Anil	57957-00-01	NYC DOT	5/26/2011 New	\$81,807	11/15/2010 11/14/2011	W239-W252 Street Bridges Investigation
Andreopoulos, Yiannis Lee, Taehun	49132-00-01	NRC	7/1/2010 Continuation	\$150,000	7/13/2009 6/30/2012	Introducing a Nuclear Engineering Concentration Into the Mechanical and Chemical Engineering Programs at The City College of New York
Andreopoulos, Yiannis Elvin, Niell	40A80-00-01	NSF	8/3/2010 New	\$364,684	8/15/2010 7/31/2013	Fluidic Energy Harvester: Aero ElectroMechanical Interaction in Piezoelectric
Conway, Alison	49165-00-01	US DEPT OF TRANS	6/9/2011 New	\$20,500	9/1/2011 9/1/2012	The Dwight David Eisenhower Transportation Fellowship Program
Ghosn, Michel	76026-00-01	NCHRP	1/18/2011 Continuation	\$200,000	4/26/2010 7/26/2012	NCHRP 12-86: Bridge System Safety and Redundancy
Kamga, Camille	49111-00-23	US DEPT OF TRANS	10/1/2010	\$2,082,800	10/1/2010	UTRC- Admin Yr 23

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Kamga, Camille	76031-00-01	COLLEGE OF NEW	Continuation 12/20/2010 New	\$74,168	12/31/2011 1/1/2010 2/15/2011	Innovative and Effective Techniques for Locating Underground Conduits
Kamga, Camille	55820-00-01	NYS ERDA	3/17/2011 New	\$74,913	1/1/2011 12/31/2012	Underground Pneumatic Transport of Municipal Solid Waste and Recyclables Using New York City Subway Infrastructure
Parker, Neville	40729-03-01	NSF	4/7/2011 Continuation	\$1,222,500	5/1/2007 4/30/2012	New York City Louis Stokes Alliance - Phase IV
Parker, Neville	76023-00-01	NJ INST OF	1/25/2011 Continuation	\$50,000	3/1/2010 11/1/2011	Evaluating the Location of Variable Message Signs Using a Dynamic Traffic Assignment Model
Parker, Neville	40A59-00-01	NSF	7/1/2010 New	\$987,000	9/1/2010 8/31/2012	NYC Alliance Bridge to the Doctorate
Parker, Neville	76323-00-01	U OF MEMPHIS	6/14/2011 New	\$112,229	4/19/2011 5/31/2012	Development of an Integrated Transportation Planning and Operations Model for Memphis-Tennessee

Total For Dept: CUNY Institute for Transportation Systems (ITS) \$5,832,928

CUNY Institute for Ultrafast Spectroscopy and Lasers (IUSL)

Alfano, Robert	47186-00-01	ARMY RSH OFFICE	4/20/2011 Continuation	\$140,000	9/20/2009 5/24/2012	Active Ballistic Signal Propagation and Imaging Using Vortex Beams
Alfano, Robert	76095-00-01	VIXAR INC.	2/28/2011 New	\$68,011	8/1/2010 8/1/2011	Fluorescence and Raman of Cancer Contrast Agent and Chlorophyll in Plants with VCSEL Diode Lasers Excitation
Alfano, Robert	71198-01-05	CORNING INC	12/22/2010 New	\$100,000	1/1/2011 12/31/2011	Hybrid Vector Beam Generator
Birman, Joseph Potasek, Mary J	75765-00-02	SIMPHO TEK	8/23/2010 Continuation	\$56,250	9/7/2018 9/16/2010	Investigation of Light Interaction with Organic Materials and Semiconductor Nanostructures

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Gayen, Swapan Tamargo, Maria	47171-00-01	ARMY RSH OFFICE	7/1/2010 Continuation	\$355,039	9/1/2008 8/31/2011	Nanoscale Photonic and Optoelectronic Materials and Devices
Tamargo, Maria	47829-00-02	DOE	2/1/2011 Continuation	\$200,000	1/1/2011 12/31/2011	Synthesis and Engineering of Submonolayer Type-II Quantum Dots to Enhance Material Properties of Wide Bandgap Semiconductors
Total For Dept: CUNY Institute for Ultrafast Spectroscopy and Lasers (IUSL)				\$919,300		

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
CUNY Benjamin Levich Institute for Physico-Chemical Hydrodynamics						
Koplik, Joel	47813-00-05	DOE	7/1/2010 Continuation	\$95,510	8/15/2010 8/14/2011	Particulate Transport and Sedimentation in Fracture Systems
Makse, Hernan	47807-00-08	DOE	3/25/2011 Continuation	\$122,753	5/1/2011 4/30/2012	Stress-Dependent Acoustic Propagation and Dissipation in Granular Materials
Makse, Hernan	40703-00-01	NSF	7/2/2010 Continuation	\$90,000	9/1/2009 8/31/2012	Statistical Analysis of Jammed Matter
Maldarelli, Charles	47205-00-01	ARMY	2/22/2011 New	\$499,225	5/16/2011 5/15/2014	Hypersonic Transition Along Curved Surfaces in the Presence of Vortices and their Control by Using Microtextured Surfaces
Morris, Jeffrey	75862-00-01	AM CHEM SOCIETY	9/14/2010 Continuation	\$50,000	2/1/2009 8/31/2011	Boundary Wear Induced by Flow of Concentrated Suspensions
Morris, Jeffrey	76077-00-01	HALLIBURTON	11/5/2010 New	\$79,430	11/1/2010 10/31/2011	Particle Motions in Viscoelastic Fluids Phase 1: Experimental Studies to Support Complex Fracture Modeling
Shattuck, Mark	76055-00-01	INT'L FINE PARTICLE	8/12/2010 New	\$7,500	8/1/2010 7/31/2011	Collaboratory in Dense Particulate Flow
Total For Dept: CUNY Benjamin Levich Institute for Physico-Chemical Hydrodynamics				\$944,418		
CUNY Institute for Macromolecular Assemblies (MMA)						
Bu, Zimei	41749-00-04	NIH	11/12/2010 Continuation	\$349,919	7/1/2010 6/30/2011	Structure and Dynamic Determinants of Ion Channel Assembly by Adapter Proteins
Bu, Zimei	41749-01-04	NIH	7/19/2010 New	\$196,484	7/1/2010 6/30/2011	ARRA: Structure and Dynamic Determinants of Ion Channel Assembly by Adapter Proteins
Ghose, Ranajeet	41663-00-03	NIH	6/14/2011 Continuation	\$323,465	12/1/2010 11/30/2011	Catalytic Domain Dynamics in Protein Kinases
Ghose, Ranajeet	40089-00-01	NSF	1/20/2011 Continuation	\$222,536	3/1/2009 2/29/2012	Structure/Dynamics/Function Correlations in the Cystoviral Polymerase

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
Gottlieb, Paul	76049-00-01	ENERGEX SYSTEMS	8/1/2010 New	\$2,500	8/2/2010 7/31/2011	Blood Product Safety Studies
Gottlieb, Paul	41737-00-02	NIH	5/31/2011 Continuation	\$343,035	6/1/2011 5/31/2012	SCORE: The Molecular Structure of the RNA Polymerase Portal of a Bacteriophage-Reovirus
Gunner, Marilyn	47823-00-01	DOE	9/24/2010 Continuation	\$181,198	9/1/2009 8/31/2011	Studies of Photosynthetic Reaction Centers and Biomimetic Systems
Gunner, Marilyn	76002-00-01	U OF WISCONSIN	10/28/2010 Continuation	\$39,270	12/1/2009 7/31/2011	ARRA: QM/MM Analysis of Redox Driven Proton Pumping
Gunner, Marilyn	40A64-00-01	NSF	7/1/2010 New	\$411,979	7/1/2010 7/31/2011	Calculating Ligand Binding and Charge Stabilization in Proteins
Gunner, Marilyn Koder, Ronald	76062-00-01	PHOEBUS	9/30/2010 New	\$45,000	9/1/2010 6/30/2011	A Hybrid Metamaterial for Solar Methanol Generation
Gunner, Marilyn	78448-00-01	CUNY MISC	4/1/2011 New	\$9,000	3/1/2011 2/28/2012	Physics Department Seminars
John, George	40A89-00-01	NSF	8/23/2010 New	\$67,988	9/1/2010 8/31/2012	Sugar-Based Recyclable Phase- Selective Gelators for Oil Spill Remediation
Koder, Ronald Crouse, David	47194-00-01	AFOSR	7/6/2010 New	\$315,815	7/15/2010 7/14/2013	Hybrid Metamaterials for Solar Biofuel Generation
Koder, Ronald	47200-00-01	CDMRP	10/15/2010 New	\$1,059,214	1/10/2011 2/9/2014	Designed Proteins as Optimized Oxygen Carriers for Artificial Blood
Koder, Ronald	76064-00-01	MEM SLOAN	10/1/2010 New	\$25,000	7/1/2009 6/30/2011	Computational Design of the Non-Immunogenic Proteins
Lazaridis, Themis	41680-00-03	NIH	3/11/2011 Continuation	\$235,313	4/1/2011 3/31/2012	Modeling Membrane Binding and Permeabilization by Antimicrobial Peptides
Ryan, Kevin	41668-00-03	NIH	12/28/2010 Continuation	\$242,550	1/1/2011 12/31/2011	Protein Phosphorylationin Pre-mRNA 3' Cleavage
Stark, Ruth	40951-00-01	NSF	1/20/2011 Continuation	\$104,916	3/1/2008 2/29/2012	RCN: Emerging Methodologies for Molecular Structure Determination in Biological Solids
Stark, Ruth	75966-00-02	A. EINSTEIN COLL OF	7/21/2010	\$112,257	7/1/2010	Biology of Fungal Melanin

Awards Received (by Institute)

7/1/2010 - 6/30/2011

Investigator	RF #	Agency	Award Date Award Type	Amount	Start Date End Date	Title
			Continuation		6/30/2011	
Stark, Ruth	40090-00-01	NSF	1/20/2011 Continuation	\$201,707	1/15/2009 12/31/2011	Molecular Structure and Biomechanics of Plant Cuticular Membranes
Tu, Raymond	40A54-00-01	NSF	5/11/2011 Continuation	\$91,279	5/15/2010 4/30/2012	Pattern Formation in Self-Organized Surface Confined Peptides
Tu, Raymond	40A83-00-01	NSF	8/11/2010 New	\$158,452	8/15/2010 7/31/2011	Patterning Interfaces with High Molecular Weight Periodically Sequenced Sheet- forming Polypeptides
Total For Dept: CUNY Institute for Macromolecular Assemblies (MMA)				\$4,738,877		
<u>Total For School: Institute</u>				\$28,882,988		