

Award Sponsor 3 Name	Award Code	Award Long Title	Award Pi Full Name	PI Funded Amount
American Bureau of Shipping	J90208	ABS Leading Indicators of Safety	Grabowski, Martha Rose	82,000
			<b>Total</b>	<b>82,000</b>
Applied Materials Inc	J71225	Silicon-Based Technology for a Highly Efficient Thermophotovoltaic Energy Conversion	Lin, Shawn Yu	45,000
			Patibandla, Nag B.	5,000
			<b>Total</b>	<b>50,000</b>
Applied NanoWorks, Inc.	J71231	Nanophosphor LED Based Backlight for Energy Efficient LCD Displays	Narendran, Nadarajah	100,000
			<b>Total</b>	<b>100,000</b>
Architectural Energy Corporation	J71182	Advanced Led Fixtures	Narendran, Nadarajah	200,000
			<b>Total</b>	<b>200,000</b>
AVYD Devices, Inc	J71206	Characterization of HgCdTe Films by Lifetime and Hall Effect Measurements	Bhat, Ishwara B	10,000
			<b>Total</b>	<b>10,000</b>
	J71207	Epitaxial Growth of CdTe Layers on Si Substrate	Bhat, Ishwara B	15,000
			<b>Total</b>	<b>15,000</b>
BAE Systems North America	J71123	SiGe and CMOS RF Modules Research for Cognitive Radio	Hella, Mona Mostafa	55,597
			<b>Total</b>	<b>55,597</b>
Brimrose Corp of Amer	J71208	Nanostructures for Dislocation Blocking in Infrared Detectors: Dislocation Reduction in Infrared Detector Materials Grown on Si Substrates Using Nanocrystalline Buffer Layers	Bhat, Ishwara B	42,000
			<b>Total</b>	<b>42,000</b>
Brown Coach	J71229	Demonstration of Diesel Fired Coolant Heaters in School Bus Applications	Puffer, Raymond	22,480
			Rock, Stephen Jeffrey	22,480
			<b>Total</b>	<b>44,960</b>
CACI	J90260	PRIMUS Project	Stewart, Charles V	756,000
			<b>Total</b>	<b>756,000</b>
Celanese Ventures GmbH	J70725	PBI Film Fabrication Variables and Resulting Properties	Benicewicz, Brian C.	80,640
			<b>Total</b>	<b>80,640</b>

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Chillmark Digital	J71227	Development of TIC Technology for Text Annotation	Watt, James H	29,976
			<b>Total</b>	<b>29,976</b>
Cityside Events	L70160	LL Bean Opening	Rubinfeld, Lester	10,000
			<b>Total</b>	<b>10,000</b>
Connecticut Light and Power Company	J71221	Daylight Dividends Continuation Project	Leslie, Russell P	50,000
			Morante, Peter M.	50,000
<b>Total</b>				<b>100,000</b>
Cornell University	J40002	Ado Traveler Info Systems (ATIS) Implementation and Integration	Wallace, William Alan	200,000
			<b>Total</b>	<b>200,000</b>
	J40082	National Space Grant College and Fellowship Program: New York State Grant Consortium	Newberg, Heidi Jo	10,000
			<b>Total</b>	<b>10,000</b>
Department of Education	L50166	THE INTEGRATION OF ENGINEERING CONCEPTS INTO THE TEACHING OF MIDDLE GRADES MATHEMATICS, SCIENCE AND TECHNOLOGY EDUCATION	Craig, Kevin	23,054
			Rubinfeld, Lester	23,753
			Schoch, Paul Matthew	23,054
			<b>Total</b>	<b>69,862</b>
Department of Health	J50480	Guided Neuronal and Glial Migration in Electrically Conductive Collagen-Carbon Nanotube Composite Scaffolds	Stegemann, Jan Philip	106,285
			Thompson, Deanna Marie	106,285
	<b>Total</b>	<b>212,570</b>		
	J50488	Chondroitinase in Treatment of Spinal Cord Injury	Linhardt, Robert J.	294,952
<b>Total</b>	<b>294,952</b>			
Electric Power Research Institute	J90212	Extension to Methodologies and Algorithms for Hierarchical Control and Coordination of Multiple Voltage / VAR Reinforcement Devices in Power Transmission Systems	Chow, Joe H	37,000
			<b>Total</b>	<b>37,000</b>
Energy Research and Development Authority	J50413	Reducing Peak Electric Demand in New York State	Leslie, Russell P	120,000
			Morante, Peter M.	120,000
	<b>Total</b>	<b>240,000</b>		
	J50484	Whole Foods Market Daylighting Demonstration	Leslie, Russell P	200,000

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			<b>Total</b>	<b>200,000</b>
	J50486	George Washington's Headquarters	Rizzo, Patricia A.	15,000
			<b>Total</b>	<b>15,000</b>
Federal Aviation Administration	J11644	Air Transportation Center of Excellence	Narendran, Nadarajah	185,000
			<b>Total</b>	<b>185,000</b>
General Electric	J71222	Continuation of SiGe Modeling to 22 GHz from 77GHz	McDonald, John F	15,000
			<b>Total</b>	<b>15,000</b>
Georgia Institute of Technology	J90214	Interconnect Focus Center for Hyper-Integration	Ajayan, Pulickel	57,256
			Borca-Tasciuc, Theodorian	12,525
			Cale, Timothy	17,893
			Ganapathiraman, Ramanath	12,525
			Lecoz, Yannick L	25,050
			Lu, Jianqiang	23,260
			Nayak, Saroj K.	16,103
			Zhang, Tong	14,314
			<b>Total</b>	<b>178,925</b>
	J90222	Expitaxial Multifunctional Materials & Applications: Revolutionary Epitaxial	Shur, Michael	72,542
			<b>Total</b>	<b>72,542</b>
Gerber Scientific, Inc.	J71228	Development of a Leather Inspection Device Based on a Fast-Reflective Terahertz Imaging System	Redo Sanchez, Albert	85,000
			<b>Total</b>	<b>85,000</b>
Good Energies, Inc	J71205	Technical Evaluation Services for Dimming Ballast	Bierman, Andrew	2,640
			Morante, Peter M.	2,720
			O'Rourke, Conan P.	2,640
			<b>Total</b>	<b>8,000</b>
Greater Syracuse Chamber of Commerce NASA/TOP	L10427	SATOP Program	Chow, Joe H	2,000
			<b>Total</b>	<b>2,000</b>
Health Research Inc	J90302	Brain Computer Interface Research	Gerhardt, Lester A	66,100

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			<b>Total</b>	<b>66,100</b>
IBM Corporation	J71019	PART 1: Computation and Memory Bandwidth Throttling Technology Issues/PART 2: Wafer to Wafer Alignment and Planarization Constraints for Wafer-Level 3D Ics	Lu, Jianqiang	150,000
			McDonald, John F	0
			<b>Total</b>	<b>150,000</b>
	J71211	IBM/CCNI Research Projects	Bloomfield, Max Oliver	0
			Carothers, Christopher D.	70,000
			Garcia, Angel Enrique	35,000
			Jansen, Kenneth E.	70,000
			Nayak, Saroj K.	70,000
			Oberai, Assad Anshuman	70,000
			Picu, Catalin R	35,000
			Rose, Kenneth	20,000
			Shephard, Mark S	110,000
			Zhang, Tong	20,000
<b>Total</b>	<b>500,000</b>			
J71220	Computational Center for Nanotechnology Innovations	Kolb, John E	1,500,000	
		<b>Total</b>	<b>1,500,000</b>	
Idaho National Laboratory	J30529	Development of a Multiscale Simulation Capability for F-T Reactors	Antal, Steven P	15,000
			Podowski, Michael	15,000
			<b>Total</b>	<b>30,000</b>
Intelligent Automation, Inc.	J71224	Face Detection and Tracking from Distance	Ji, Qiang	21,000
			<b>Total</b>	<b>21,000</b>
KAPL Inc	J30170	Neutron Cross Section Measurements	Block, Robert C	25,000
			Danon, Yaron	25,000
			<b>Total</b>	<b>50,000</b>
	L30041	LINAC USE BY KAPL	Block, Robert C	15,000
			Danon, Yaron	15,000

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			Total	30,000
Lake George Watershed Conference	J90284	Continuation of Stream Runoff Stations to Monitor and Evaluate the impact of Runoff on the Hydrology of the Lake George Drainage Basin	Boylen, Charles W	125,896
			<b>Total</b>	<b>125,896</b>
Massachusetts Institute of Technology	J40164	Robust TCP for Airbourne Networks	Kalyanaraman, Shivkumar	99,254
			Kar, Koushik	99,254
			<b>Total</b>	<b>198,507</b>
Material Handling Alliance/CIC-MHE	L70141	MHEF Annual Fellowship	Malmborg, Charles	750
			<b>Total</b>	<b>750</b>
NASA-Goddard Space Flight Center	J11873	Evolution of Preplanetary Matter in Analogs of the Early Solar System	Whittet, Douglas CB	125,899
			<b>Total</b>	<b>125,899</b>
National Institute for Occupational Safety and Health	J11854	Mine Lighting Research	Bullough, John D.	17,500
			<b>Total</b>	<b>17,500</b>
National Science Foundation	J11335	CAREER: Structure and Robustness in Nonlinear Control: Challenges From Fuel Cell Technology	Arcak, Murat	54,808
			<b>Total</b>	<b>54,808</b>
	J11547	NeTS-NR ROSS.Net: A Platform for Integrated Large-Scale Network Design of Experiments and Simulation	Carothers, Christopher D.	39,603
			Kalyanaraman, Shivkumar	38,050
			<b>Total</b>	<b>77,653</b>
	J11594	Collaborative Research: Micro-Lenses for Manufacturing	Borca-Tasciuc, Theodorian	6,000
			Hirsa, Amir	6,000
			<b>Total</b>	<b>12,000</b>
	J11629	Collaborative Proposal: TANGO: Table Analysis for Semiautomatic Generation of Ontologies	Nagy, George	12,000
			<b>Total</b>	<b>12,000</b>
J11641	Selective Filling of Nanostructured Packings for Chromatographic Chip System	Cramer, Steven	30,083	
		Plawsky, Joel	30,083	
		<b>Total</b>	<b>60,166</b>	

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	J11649	Supercritical Fluid Assisted Processing of SWNT/Polymer Composites	Ozisik, Rahmi	11,600
			Schadler, Linda	11,600
			<b>Total</b>	<b>23,200</b>
	J11754	NeTS-NBD: Towards a Disconnection-Tolerant, Opportunistic Internet	Abouzeid, Alhussein A	38,560
			Drineas, Petros	38,560
			Kalyanaraman, Shivkumar	38,560
			Yuksel, Murat	38,560
			<b>Total</b>	<b>154,238</b>
	J11755	Development of a Database System for Metamorphic Geochemistry	Adali, Sibel	58,731
			Pyle, Joseph Michael	58,731
Spear, Frank			58,731	
Szymanski, Boleslaw			58,731	
<b>Total</b>			<b>234,922</b>	
J11784	Nanoscale Science and Engineering Center (NSEC) for Directed Assembly of Nanostructures	Siegel, Richard W	2,000,000	
		<b>Total</b>	<b>2,000,000</b>	
J11788	Collaborative Research: Improving Monority Student Participation in the Computing Career Pipeline with Culturally Situatee Design Tools	Eglash, Ron B	4,954	
		Krishnamoorthy, Mukkai S	4,954	
		<b>Total</b>	<b>9,908</b>	
J11834	Experimental Nuclear Physics with Electronmagnetic Propes	Stoler, Paul	14,971	
		<b>Total</b>	<b>14,971</b>	
J11856	Enhanced Performance Membranes by High Throughput Modification	Belfort, Georges	80,000	
		<b>Total</b>	<b>80,000</b>	
J11859	Optoelectronic Components Using Low Refractive Index Films	Kim, Jong Kyu	150,000	
		Schubert, E. Fred	150,000	
		<b>Total</b>	<b>300,000</b>	
J11860	Interlinked Nanorod Coatings	Gall, Daniel	90,000	
		Huang, Hanchen	90,000	

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			Total	180,000
J11861	Chemically Selective Displacers for protein Purification		Cramer, Steven	162,000
			Moore, James A	108,000
			<b>Total</b>	<b>270,000</b>
J11862	A Symposium on Cyber-Enabled Discoveries and Innovations		Zhao, Wei	55,000
			<b>Total</b>	<b>55,000</b>
J11863	Career: A Framework for Customizable Program Flow Analysis		Milanova, Ana L.	80,000
			<b>Total</b>	<b>80,000</b>
J11864	Collaborative Research: NeTS-NBD: Free-Space-Optical Mobile Ad-Hoc Networks (FSO-MANETs)		Hella, Mona Mostafa	45,000
			Kalyanaraman, Shivkumar	45,000
			<b>Total</b>	<b>90,000</b>
J11866	MRI: Acquisition of Surface -Enhanced Confocal Raman - AFM		Linhardt, Robert J.	111,381
			Lu, Toh-Ming	111,381
			Ryu, Chang Yeol	111,381
			Siegel, Richard W	111,381
			<b>Total</b>	<b>445,522</b>
J11868	CRI:IAD: A Digital Microfluidic Testbed for Combinatorial Synthesis		Akella, Srinivas	50,000
			Busch, Konstantin	50,000
			Dordick, Jonathan	50,000
			Linhardt, Robert J.	50,000
			<b>Total</b>	<b>200,000</b>
J11869	III-CXT: Enabling Automated Digital Microfluidic Biochips for Combinatorial Biosynthesis and Screening		Akella, Srinivas	83,040
			Linhardt, Robert J.	83,040
			<b>Total</b>	<b>166,080</b>
J11870	Collaborative Research: Educational Simulation for Computing and Information Ethics		Wallace, William Alan	60,001
			<b>Total</b>	<b>60,001</b>
J11871	Novel Solid-State Self Powered Neutron Detector		Bhat, Ishwara B	33,330

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			Danon, Yaron	33,330
			Lu, Jianqiang	33,340
			<b>Total</b>	<b>99,999</b>
	J11872	"Strategizing Transdisciplinarity:From Exposure Assessment to Exposure Analysis (in the United States)	Fortun, Kim	73,291
			<b>Total</b>	<b>73,291</b>
	J11875	Travel Grant for Fifth Mediterranean Chemical Engineering Conference	Cramer, Steven	68,210
			<b>Total</b>	<b>68,210</b>
	J11877	CRI:IAD Collaborative Research: Research/Education Infrastructure Based on Modular Miniature Robot Teams	Drineas, Petros	37,797
			Isler, Ibrahim Volkan	37,786
			Trinkle, Jeffrey C.	37,786
			<b>Total</b>	<b>113,368</b>
	J11879	Workshop "Frontiers in Electronics"	Shur, Michael	10,000
			<b>Total</b>	<b>10,000</b>
	J11881	Collaborative Research:CT-T: Following the Paper Train:Reliable Processing of Voting Records for Trustworthy Elections	Nagy, George	65,000
			<b>Total</b>	<b>65,000</b>
	J11882	Collaborative Research: NeTS-FIND: Value Flows and Risk Management Architecture for Future Internet	Gupta, Aparna	119,340
			Kalyanaraman, Shivkumar	21,060
			<b>Total</b>	<b>140,400</b>
	J11884	Cutting Planes and Surfaces, and Conic programming	Mitchell, John E.	259,999
			<b>Total</b>	<b>259,999</b>
	J11888	Time Stepping Methods With Integrated Proximity Queries for Accurate Simulation of Multi-Rigid-Body Systems With Intermittent Contact	Akella, Srinivas	100,000
			Trinkle, Jeffrey C.	100,000
			<b>Total</b>	<b>200,000</b>
	J11890	WN:Proper Location Identification in Wireless Networks	Zhao, Wei	70,000
			<b>Total</b>	<b>70,000</b>
	J11891	SGER:Toughening Mechanisms of SiC/SiC Composites Through Nanowires	Dvorak, George J	40,266

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		through nanowires	Huang, Hanchen	40,266
			<b>Total</b>	<b>80,531</b>
	J11898	Creativity and Computer Programming: A New Research Program	Arkoudas, Konstantine	45,000
			Bringsjord, Selmer	45,000
			<b>Total</b>	<b>90,000</b>
	J11899	Wind Turbine: Atmospheric Boundary Layer Interactions; Detailed Model Experiments and Multi Scale Analysis	Castillo, Luciano	54,000
			<b>Total</b>	<b>54,000</b>
	J11900	Petascale Adaptive Computational Fluid Dynamics	Carothers, Christopher D.	58,155
			Jansen, Kenneth	116,311
			Oberai, Assad Anshuman	58,155
			Shephard, Mark S	58,155
			<b>Total</b>	<b>290,777</b>
	L10445	Establishment of a Microanalytical Laboratory for Research in the Earth and Materials Sciences	Spear, Frank	7,990
			Wark, David A	7,755
			Watson, E Bruce	7,755
			<b>Total</b>	<b>23,500</b>
	L10533	EMSW21-RTG: Integrated Research Training in the mathematical Sciences	Holmes, Mark H	156,489
			Kovacic, Gregor	156,489
			Kramer, Peter R	156,489
			Lvov, Yuri V	156,489
			Roytburd, Victor	156,489
			<b>Total</b>	<b>782,446</b>
	L10536	Mobile Studio Environments to Enhance STEM Education	Millard, Don L	500,882
			<b>Total</b>	<b>500,882</b>
	L10537	PIRE: POLYMER Education and Research Partnership between US and Korea	Ryu, Chang Yeol	500,000
			<b>Total</b>	<b>500,000</b>
	L10538	US - INDIA Nanoscale Science and Engineering Institute (USINSEI)	Ganapathiraman, Ramanath	98,000

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			<b>Total</b>	<b>98,000</b>
	L10540	Graduate Research Fellowship Program	Gornic, Dennis E.	162,000
			<b>Total</b>	<b>162,000</b>
National Security Agency	J11883	IPA/Sabbatical with National Security Agency	Willemain, Thomas R	95,217
			<b>Total</b>	<b>95,217</b>
NEES Consortium, Inc.	J11559	NEES Consortium Operation: 2004-2014	Abdoun, Tarek H	184,779
			Dobry, Ricardo	110,867
			Zimmie, Thomas F	73,911
			<b>Total</b>	<b>369,557</b>
New Visual Media Group, LLC	J71209	NVMG Dynamic Windows	Dyson, Anna	20,000
			<b>Total</b>	<b>20,000</b>
New York Independent Ssy Oper Inc/NYSIO	J71202	Incorporation of Intelligent Agents in an Electric Power Market Simulator	Chan, Wai Kin	52,000
			Chow, Joe H	13,000
			<b>Total</b>	<b>65,000</b>
New York State Council on the Arts	L50167	Individual Artists - Film & Media/New Tech Prod. for JMP Braasch/Oatman/Oliveros	High, Kathryn	15,000
			<b>Total</b>	<b>15,000</b>
NIH	J10979	Aminobenzomorphan: Potential Cocaine Abuse Medications	Wentland, Mark	425,823
			<b>Total</b>	<b>425,823</b>
	J11387	Quantitative Biocompatibility of Implanted Materials	Stenken, Julie	276,292
			<b>Total</b>	<b>276,292</b>
	J11501	Biomolecular Science and Engineering Training	Dordick, Jonathan	174,143
			<b>Total</b>	<b>174,143</b>
	J11519	Na+-pumping NADH: quinone oxidoreductase of V.cholerae	Barquera, Blanca L.	160,101
			<b>Total</b>	<b>160,101</b>
	J11656	Establishment of the RPI Exploratory Center for Cheminformatics	Bennett, Kristin P	43,681

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			Breneman, Curtis	189,285
			Cramer, Steven	43,681
			Embrechts, Mark J	43,681
			Wentland, Mark	0
			Zaki, Mohammed J.	43,681
			Zuker, Michael	0
			<b>Total</b>	<b>364,010</b>
	J11747	Directed Differentiation of Human Mesenchymal Stem Cells for Bone Repair	Plopper, George E.	47,863
			Stegemann, Jan Philip	271,226
			<b>Total</b>	<b>319,089</b>
	J11775	Genetic and Functional Analysis of Drosophila Mmp 1	Page-McCaw, Andrea W.	267,782
			<b>Total</b>	<b>267,782</b>
	J11867	Light Measuring Device for correcting Circadian Disruption	Figueiro, Mariana G.	240,922
			Rea, Mark S	240,922
			<b>Total</b>	<b>481,843</b>
	J11878	Testing Novel Hypotheses in Mtu RecA Intein Splicing	Wang, Chunyu	294,426
			<b>Total</b>	<b>294,426</b>
	J11885	Myosin Structural and Kinetic Mechanisms that Differentiate Fast and Slow Muscle Fiber Types	Swank, Douglas Martin	312,610
			<b>Total</b>	<b>312,610</b>
NIST	J11874	Phantoms in Support of Standardized Radioactivity Measurements at NIST	Xu, Xie	142,143
			<b>Total</b>	<b>142,143</b>
North Dakota State University	J40135	Alphavoltaic BC Diode Power Source	Chrisey, Douglas B.	85,689
			<b>Total</b>	<b>85,689</b>
Northeastern University	J11028	ERC in Subsurface Sensing & Imaging	<del>Bennett, Kristin D</del>	<del>63,675</del>
			Isaacson, David	63,675
			Newell, Jonathan C	70,750
			Radke, Richard J	91,975

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			Roysam, Badrinath	176,875
			Saulnier, Gary J	63,675
			Stewart, Charles V	70,750
			Yazici, Birsen	91,975
			Zhang, Xi-Cheng	14,150
			<b>Total</b>	<b>707,500</b>
			Northrop Grumman Systems Corporation	J71200
			<b>Total</b>	<b>10,000</b>
	J71204	Innovative High Speed Propulsion	Amitay, Michael	40,000
			<b>Total</b>	<b>40,000</b>
Northwestern University	J40067	NIRT: Interphase Design for Extraordinary Nanocomposites	Kumar, Sanat K.	41,187
			Schadler, Linda	41,187
			<b>Total</b>	<b>82,373</b>
O'Brien & Gere Engineers Inc	J71210	Biological and Chemical Sensing Using Mach-Zehnder Interferometer	Huang, Zhaoran	160,048
			<b>Total</b>	<b>160,048</b>
Office of Science, Technology and Academic Research	J50489	Center for Future Energy Systems (CFES)	Patibandla, Nag B.	3,000,000
			<b>Total</b>	<b>3,000,000</b>
OSRAM Sylvania	J71203	Investigating the Effects of Sky White on Well-Being of Night-Shift Nurses	Figueiro, Mariana G.	30,000
			Rea, Mark S	30,000
			<b>Total</b>	<b>60,000</b>
PEMEAS GmbH	J70946	Celanese - MEA Phase 4	Derby, Stephen James	11,500
			Puffer, Raymond	92,000
			Walczyk, Daniel	11,500
			<b>Total</b>	<b>115,000</b>
Polysset Co Inc	J71101	TTIP Grant	Lu, Toh-Ming	8,000
			<b>Total</b>	<b>8,000</b>

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Qimonda	J90304	Investigation of Error Correction System Design and Implementation for Semiconductor Memories	Zhang, Tong	196,278
			<b>Total</b>	<b>196,278</b>
Research Foundation of CUNY	J50490	Develop Guidelines for Traffic Signal Energy Back-Up Systems	Wallace, William Alan	139,797
			<b>Total</b>	<b>139,797</b>
	J50491	September 11th Memorial Program for Regional Transportation Planning (2007-08)	Ukkusuri, Satish V.	34,000
			<b>Total</b>	<b>34,000</b>
Research Foundation of SUNY	L30051	CISE Pathways to Revitalized Undergraduate Computing Education (CPATH) [CPATH CB] Social Robotics	Bringsjord, Selmer	67,418
			<b>Total</b>	<b>67,418</b>
Rockefeller Philanthropy Advisors	L90130	Free Jazz for the Sanctuary	Miller, Branda	125,000
			<b>Total</b>	<b>125,000</b>
Rockefeller Univ	J40072	Virtual Gating Machines: A New Technology for Protein Purification	Belfort, Georges	73,625
			<b>Total</b>	<b>73,625</b>
San Diego State University	J90303	High-Efficiency and Low-Cost Single-Phase PFC Converters	Sun, Jian	94,210
			<b>Total</b>	<b>94,210</b>
Simmetrix Inc.	J71226	Modeling Software and Tools for reliability Engineering of Micro/Nano Device Systems and Components	Fish, Jacob	58,519
			Picu, Catalin R	60,292
			Shephard, Mark S	58,519
			<b>Total</b>	<b>177,329</b>
Solidus Biosciences, Inc.	J30476	Integrated Biochip for In-Vitro Toxicology	Dordick, Jonathan	156,278
			<b>Total</b>	<b>156,278</b>
	J71230	Heparin Glycan Microarray for Screening	Linhardt, Robert J.	120,000
			<b>Total</b>	<b>120,000</b>
Stanford University	J40163	Cognitive Assistant that Learns and Observes (CALO)	McGuinness, Deborah L.	100,000
			<b>Total</b>	<b>100,000</b>
Syracuse University	L40020	Upstate alliance LSAMP Program (Louis Stokes Alliances for Minority Participation)	Durgans, Kenneth B.	84,000

Award Sponsor 3 Name	Award Code	Award Long Title	Award PI Full Name	PI Funded Amount
		Community Participation	<b>Total</b>	<b>84,000</b>
The Brigham and Women's Hospital, Inc.	J90259	Effects of Light at Night on Circadian System of Nurses	Rea, Mark S	45,104
			<b>Total</b>	<b>45,104</b>
Thomas Jefferson National Accelerator Facility	J30535	Quotation for Non-Personal Services of Rustam Niyazov	Stoler, Paul	7,000
			<b>Total</b>	<b>7,000</b>
Town of Colonie	J90305	Sampling Analysis of Sediment for the Mohawk River	Bopp, Richard	17,702
			<b>Total</b>	<b>17,702</b>
U. S. Department of Commerce	L10541	Provision of Expertise for Preparation of Textbook "Entrepreneurship and Innovation in the Maghreb" by IHEC (Tunisia)	Abetti, Pier A	16,000
			<b>Total</b>	<b>16,000</b>
United States Air Force	J11895	Workshop on "Frontiers in Electronics", 2007	Shur, Michael	5,000
			<b>Total</b>	<b>5,000</b>
United States Army	J11893	Centrifuge Modeling of Vulnerability & Mitigation for Soil-Structural Systems	Abdoun, Tarek H	162,775
			Dobry, Ricardo	54,258
			<b>Total</b>	<b>217,033</b>
	J30518	BPA Materials Characterization	Zhang, Xi-Cheng	99,500
			<b>Total</b>	<b>99,500</b>
United States Navy	J11846	Alerting Effects of Light at Different Circadian Phases in Humans	Figueiro, Mariana G.	56,132
			Rea, Mark S	56,132
			<b>Total</b>	<b>112,263</b>
	L10534	Daysimeter Research Project	Rea, Mark S	12,000
			<b>Total</b>	<b>12,000</b>
	L10535	Workshop on "Frontiers in Electronics", 2007	Shur, Michael	5,000
			<b>Total</b>	<b>5,000</b>
Univ of Minnesota	J40087	MSM: Multiscale Mechanics of Bioengineered Tissues	Shephard, Mark S	69,089
			Stegemann, Jan Philip	69,089

Award Sponsor 3 Name	Award Code	Award Long Title	Award Pi Full Name	PI Funded Amount
			<b>Total</b>	<b>138,178</b>
University of Florida	J40062	Multifunctional Tribological Coatings for Space Applications	Ajayan, Pulickel	0
			Blanchet, Thierry	36,101
			Interrante, Leonard V	0
			Schadler, Linda	36,101
			<b>Total</b>	<b>72,202</b>
University of Maryland	J40154	Center for Intermodal Freight Mobility and Security	Holguin-Veras, Jose E.	87,500
			Ukkusuri, Satish V.	87,500
			<b>Total</b>	<b>175,000</b>
University of Southern California	J40160	Finite Element Models Relating Fault Slip Rates, Geodetic Deformation, Fault Geometries and Stress Evolution in the Southern California Fault System	Williams, Charles A	15,000
			<b>Total</b>	<b>15,000</b>
University of Toronto	J40044	Development and Testing of Anthrax Toxin Inhibitors	Kane, Ravindra S	441,360
			<b>Total</b>	<b>441,360</b>
University of Wisconsin	J40085	Reversed Field Oinch Research in MST	Demers, Diane Renee	1,249
			Schoch, Paul Matthew	1,249
			<b>Total</b>	<b>2,498</b>
US Dept of Energy	J11639	A Mathematical Analysis of Atomistic-to-Continuum (AtC) Multiscale Approaches	Fish, Jacob	75,000
			Shephard, Mark S	75,000
			<b>Total</b>	<b>150,000</b>
	J11654	Sol-Gel Based Polybenzimidazole Membranes for Hydrogen Pumping Devices	Benicewicz, Brian C.	150,000
			Eisman, Glenn A.	150,000
			<b>Total</b>	<b>300,000</b>
	J11753	Advancing Renewable Materials by Integrated Light and X-ray Scattering	Akpalu, Yvonne	75,000
			Martin, Lealon L.	75,000
			<b>Total</b>	<b>150,000</b>
	J11759	Investigation of Metallic Photonic-Crystals for the Modification of Thermal Emission	Lin, Shawn Yu	100,606
			Lu, Toh-Ming	100,606

Award Sponsor 3 Name	Award Code	Award Long Title	Award Pi Full Name	PI Funded Amount
			<b>Total</b>	<b>201,211</b>
	J11892	Exploring GNEP in Summer	Liu, Li	99,525
			<b>Total</b>	<b>99,525</b>
	J11894	Elucidating the Principles that Control Proton-Coupled Electron Transfer Reactions in the Photosynthetic Protein, Photosystem II. A Model for Design of Nio-Inspired Photocatalytic Water-Spitting.	Lakshmi, K. V.	135,000
			<b>Total</b>	<b>135,000</b>
	J11896	Development of a Suite of High Performance Computational Tools for Multiscale Multiphysics Simulation of Generation IV Reactors	Antal, Steven P	244,333
			Jansen, Kenneth	244,333
			Liu, Li	244,333
			Podowski, Michael	244,333
			<b>Total</b>	<b>977,330</b>
US Dept of the Interior	J11565	USGS-RPI Cooperative Agreement	Wait, Samuel C.	517,500
			<b>Total</b>	<b>517,500</b>
US Israel Binational Science Foundation	J90277	Effecting Amyloid Fibril Formation Through Addition of Functional Nanoparticles	Belfort, Georges	9,775
			<b>Total</b>	<b>9,775</b>
	J90278	Solution of an Inverse Elasticity Problem Arising from Medical Imaging	Oberai, Assad Anshuman	22,571
			<b>Total</b>	<b>22,571</b>
Virginia Polytechnic Institute & State Univ	J40161	Improving the Performance SiC MOSFETs and Pin Rectifiers with High-Temperature Microwave Annealing	Chow, Tat-Sing	200,000
			<b>Total</b>	<b>200,000</b>
<b>Total</b>				<b>28,043,881</b>