

Award Sponsor 3 Name	Award Code	Award Long Title	Award Pi Full Name	PI Funded Amount
BAE Systems North America	J71233	Multibody and Vehicle Dynamics Support	Anderson, Kurt S	30,000
			Total	30,000
City of Cohoes New York	J90307	Lighting Design Services for the Cohoes Falls	Frering, Daniel C.	4,000
			Total	4,000
Cure Huntington Disease Initiative Inc.	J71239	Imaging-Based Assays of Axonal Transport in Cortical Neurons	Radke, Richard J	57,010
			Roysam, Badrinath	57,010
			Total	114,019
Electric Power Research Institute	J71238	Electron Microscopy in Support of Dow Chemical	Nelson, J Keith	10,000
			Total	10,000
Energy Research and Development Authority	J50413	Reducing Peak Electric Demand in New York State	Leslie, Russell P	14,250
			Morante, Peter M.	14,250
			Total	28,500
	J50493	Daylight Training	Leslie, Russell P	75,000
			Total	75,000
Furukawa Electric Company, Ltd.	J71237	Design and Evaluation of GaN FET Based MOS (Metal Oxide Semiconductor)	Chow, Tat-Sing	100,000
			Total	100,000
General Electric	J71222	Continuation of SiGe Modeling to 22 GHz from 77GHz	McDonald, John F	10,000
			Total	10,000
Georgia Institute of Technology	J90223	Friction & Wear Under Very High Electromagnetic Stress	Blanchet, Thierry	95,000
			Total	95,000
ICF Inc	J70974	Small Commercial Lighting Program	Frering, Daniel C.	40,000
			Leslie, Russell P	0
			Total	40,000
Idaho National Laboratory	J71158	Stand-Off Detection of Explosives Using THz Radiation	Zhang, Xi-Cheng	90,000

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			Total	90,000
Lake George Association	J70146	Lake George Water Research Projects	Boylen, Charles W	175
			Eichler, Lawrence W.	0
			Total	175
Lake George Watershed Conference	J90308	Hydroacoustic monitoring of milfoil for Lake George	Boylen, Charles W	0
			Harrison, James Patrick	22,000
			Total	22,000
Lawrence Livermore National Laboratory	J30537	Polished Surface Characterization of Silica Glass by IR Reflection	Tomozawa, Minoru	50,000
			Total	50,000
Lite - Topbulb, Inc.	J71234	Sleep therapy headset for improving sleep quality of older adults	Figueiro, Mariana G.	50,000
			Total	50,000
National Science Foundation	J11560	Accessory Minerals and Crustal Processes	Watson, E Bruce	118,062
			Total	118,062
	J11670	Theoretical and Computational Studies of Pressure Induced Denaturation of Proteins	Garcia, Angel Enrique	189,109
			Total	189,109
	J11758	ADVANCE Institutional Transformation Award: Ramp-Up: Reforming Advancement Processes through Institutional Transformation	Geisler, Cheryl Ann	525,347
			Kaminski, Deborah	525,347
			Palazzo, Robert E.	
	Total	1,050,694		
	J11765	DRU: Contending with Material Convergence: Optimal Control, Coordination and Delivery of Critical Supplies to the Site of Extreme Events	Holguin-Veras, Jose E.	8,000
			Ukkusuri, Satish V.	2,000
Total	10,000			
J11766	THz Wave Photonics	Zhang, Xi-Cheng	6,000	
		Total	6,000	
J11906	Experimental and Theoretical Studies of Charge-Charge Interactions in Protein	Makhatadze, George I.	387,855	

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		Interactions in Protein	Total	387,855
	J11907	Secure and Auditable Privacy Contracts	Yener, Bulent	50,000
			Total	50,000
	L10525	IPA Rotation from RPI to the US National Science Foundation	Abrajano Jr., Teofilo	167,689
			Total	167,689
	L10542	Hands-On Physics Outside the Classroom	Dwyer, Scott Richard	37,500
			Millard, Don L	37,500
			Wang, Gwo Ching	75,000
			Total	150,000
	L10543	New Educational Tools in Materials Science	Ozisk, Rahmi	40,808
			Total	40,808
NEES Consortium, Inc.	J11559	NEES Consortium Operation: 2004-2014	Abdoun, Tarek H	38,459
			Dobry, Ricardo	23,075
			Zimmie, Thomas F	15,383
			Total	76,917
NIH	J11793	Stable Carbohydrate Libraries in Infectious Disease	Dordick, Jonathan	156,827
			Linhardt, Robert J.	156,827
			Total	313,654
	J11908	Mechanistic Analysis of Microtubule Motors	Gilbert, Susan P.	135,486
			Total	135,486
PEMEAS GmbH	J70946	Celanese - MEA Phase 4	Derby, Stephen James	12,500
			Puffer, Raymond	100,000
			Walczyk, Daniel	12,500
			Total	125,000
Q-Peak	J71241	Optical Techniques Toward High-Power Terahertz Sources	Wilke, Ingrid	24,038
			Total	24,038

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Research and Development Solutions	J71235	Energy Conservation Standards	Rea, Mark S	140,000
			Total	140,000
Rolls-Royce Corporation	J71058	Ceramic Matrix Composite (CMC) Design Tool and Lifting Code	Fish, Jacob	113,955
			Total	113,955
Samsung Electro-Mechanics Co Ltd	J71232	Amorphous and Poly-Si TFT Modeling for LCD Applications	Shur, Michael	149,995
			Total	149,995
	J71245	Research in Light-Emitting Diodes (LEDs)	Kim, Jong Kyu	148,000
			Schubert, E. Fred	148,000
			Wetzel, Christian M.	74,000
Total	370,000			
Sandia Corporation	J30517	Nanoengineering for Solid State Lighting: A Strategic Partnership with Rensselaer Polytechnic Institute	Lin, Shawn Yu	56,100
			Schubert, E. Fred	57,800
			Wetzel, Christian M.	56,100
			Total	170,000
Sensor Electronic Technology Inc	J71246	Photoluminescence Study Non-Polar Bulk Gallium Nitride for RF and Optoelectronic Devices	Shur, Michael	50,000
			Total	50,000
SFA, Inc.	J71240	Rensselaer Polytechnic Institute Collaboration to Develop a Multi-GHz Analog-to-Digital Converter ASIC	McDonald, John F	67,500
			Total	67,500
SOMS Technologies LLC	J71236	SOMS Filters	Amitay, Michael	100,000
			Total	100,000
Stanford University	J40166	SimVascular/Open Cascase Interface	Jansen, Kenneth	8,000
			Total	8,000
Substance Abuse and Mental Health Services Administration	L90114	Campus Suicide Prevention Grant	Lawrence, Leslie Stephen	74,970
			Total	74,970
The Boeing Company	J70978	Research and Development in Modeling and Simulation of Aircraft Electric Power System and Power Factor Correction	Sun, Jian	200,000

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		Variable Voltage Power System and Power Factor Correction Circuits	Total	200,000
The Gerry Foundation, Inc.	J90306	Evaluation of Photovoltaic Powered Outdoor Lighting Systems	Frering, Daniel C.	75,000
			Total	75,000
United States Air Force	J11577	Uncertainty Modeling in the Analysis and Design of Damage Tolerant Composite Structural Systems	Dvorak, George J	15,000
			Hajela, Prabhat	45,000
			Total	60,000
	J11602	MURI 05: Basic Research Investigations Into Multimode Laser and EM Launchers for Affordable, Rapid Access to Space	Myrabo, Leik N	262,382
			Total	262,382
	J11820	Radar Detection and Imaging in Complex Environment from Sources of Opportunity	Yazici, Birsen	93,602
			Total	93,602
	J11901	Integrated Sensing and Processing for SAR ATR	Cheney, Margaret	62,500
			Yazici, Birsen	62,500
			Total	125,000
J11909	Workshop on "Frontiers in Electronics", 2007	Shur, Michael	5,000	
		Total	5,000	
United States Army	J11566	The Integration of Implicit and Explicit Knowledge in Skill Acquisition	Sun, Ron	200,165
			Total	200,165
	J11902	Centrifuge Modeling of New Orleans T- Wall Levee System	Abdoun, Tarek H	75,000
			Sasanakul, Inthuorn	0
			Zimmie, Thomas F	25,000
			Total	100,000
J11905	Real Time, Explosives Specific, Chemical Sensing at Standoff Distance	Zhang, Xi-Cheng	249,995	
		Total	249,995	
United States Navy	J11329	Modeling and Simulation of Multiple Physical Processes Interacting at Multiple Temporal and Scales in Hybrid Hull Ship Structures	Fish, Jacob	80,171
			Total	80,171

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	J11444	Shallow Water Propagation	Siegmann, William L.	120,000
			Total	120,000
	J11562	Ocean Acoustic Propagation Over Elastic Sediments	Siegmann, William L.	63,330
			Total	63,330
	J11586	Nano and Micro Scale Reentrant Surface Cavities for Enhanced Micro Channels Boiling	Peles, Yoav	55,684
			Total	55,684
	J11663	Bilevel Programming of Machine Learning and Knowledge Discovery	Bennett, Kristin P	55,774
Total			55,774	
J11668	Modeling Metacognition in Quick Attention Strategy Adaptation	Cassimatis, Nicholas L	113,999	
		Total	113,999	
J11837	Efficient Determination of Three-Dimensional Acoustic Fluctuations in Shallow-Water Waveguides	Siegmann, William L.	65,000	
		Total	65,000	
Univ of Minnesota	J40167	Structure-Based Mechanical Modeling of Basement Membrane	Shephard, Mark S	22,989
			Total	22,989
University of Nevada	J40168	Spent Fuel Assay Using A Lead Slowing Down Spectrometer	Danon, Yaron	50,000
			Total	50,000
US Dept of Energy	J10540	Transport Phenomena	Wark, David A	0
			Watson, E Bruce	198,699
			Total	198,699
	J11756	High Performance Green LEDs by Homoepitaxial MOVPE	Schubert, E. Fred	156,538
			Wetzel, Christian M.	156,538
Total	313,076			
Total				7,318,292