

Sponsored Program Expenditure Report

For the period July 1, 2016 to February 28, 2017



<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
020 Acad Affairs Prov VP						
Ragin, Dr. Melanie J.	US Department of Education	Ronald E. McNair Post-Baccalaureate Achievement Program 2015-2016	100	26,526.20	0.00	26,526.20
Ragin, Dr. Melanie J.	US Department of Education	Ronald E. McNair Post-Baccalaureate Achievement Program 2015-2016	100	103,709.20	8,296.74	112,005.94
Stamp, Dr. Nancy E	Empire State Development Corp	Increasing STEM Research for Economic Development	100	360,379.87	0.00	360,379.87
Department Total:				\$498,912.01		
020 Anthropology						
Digangi, Dr. Elizabeth Ann	US Department of Justice	Microbial Community Succession in Human and Pig Decomposition	100	16,203.70	0.00	16,203.70
Garruto, Dr. Ralph	National Geographic Society	Genetic Diversity within and among Trans-New Guinea Language speakers of Highland Papua New Guinea	50	7,048.12	0.00	7,048.12
Garruto, Dr. Ralph	Academy of Nutrition and Dietetics	Association Between Single Nucleotide Polymorphisms in the One Carbon Metabolism and ALS	50	358.98	0.00	358.98
Garruto, Dr. Ralph	Wenner Gren Foundation for Anthropological Res	Using Anthropology to Build Research Capacity and Inform Public Health Policy in the Republic of Vanuatu	100	2,857.07	0.00	2,857.07
Lum, Dr. J Koji	National Geographic Society	Genetic Diversity within and among Trans-New Guinea Language speakers of Highland Papua New Guinea	50	7,048.12	0.00	7,048.12
Lum, Dr. J Koji	National Geographic Society	Pacific Paradox: Biological and Cultural Diversity among Palauan's Encountering Increased Global Access	100	1,643.24	0.00	1,643.24

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McGuire, Dr. Randy	National Science Foundation	Conceptualizing Cultural Contact And Transmission Across International Boundaries	100	3,101.45	806.38	3,907.83
Merriwether, Dr. David A	Multiple Sponsors	Income Account for Unrestricted Support for A. Merriwether	100	2,244.37	336.66	2,581.03
Merriwether, Dr. David A	National Science Foundation	Doctoral Dissertation Research: Understanding Cultural Influences on Population Structure and History through Genetic Analyses of Assyrians	100	1,936.37	503.06	2,439.43
Smart, Dr. Pamela	Wenner Gren Foundation for Anthropological Res	Dissertation Research Support: Amy Robbins: Making in the World of Glass Craft	100	8,832.87	0.00	8,832.87
Van Dyke, Dr. Ruth	Western National Parks Association	Archaeological Testing and Interpretation of the Aztec North Great Home	100	6,839.08	0.00	6,839.08
Wilson, Dr. Thomas M.	Rochester Institute of Technology	Rockwell Kent and Early 1930's Greenland: A Comparative View of Environmental, Social and Cultural Change in Contemporary Greenland - RIT Federal Award No: PLR-1524176	100	29,067.72	7,557.60	36,625.32
Department Total:				\$96,384.79		

020 Art History

Barzman, Dr. Karen-edis	Harvard University	Conference: The Role of Cartography in Negotiating Borders - A Case Study: Mapping the Limits between Venetian Dalmatia and Ottoman Bosnia	100	1,501.19	0.00	1,501.19
Barzman, Dr. Karen-edis	Gladys Kriebel Delmas Foundation	Mapping the Limits between Venetian Dalmatia & Ottoman Bosnia	100	1,657.85	0.00	1,657.85
Department Total:				\$3,159.04		

020 Art Studio

Gonzalez, Dr. Ronald	Foundation of SUNY at Binghamton	Eckler Faculty Grant Funds	100	600.00	0.00	600.00
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			Department Total:		\$600.00	
020 Arts and Sciences Dean						
Massey, Dr. Sean	NYS Department of Health	Lesbian and Gay Family Building Project	50	14,542.59	2,908.52	17,451.11
Massey, Dr. Sean	NYS Department of Health	Lesbian and Gay Family Building Project	50	18,116.71	3,623.34	21,740.05
Silberstein, Ms. Dara	NYS Department of Health	Lesbian and Gay Family Building Project	50	14,542.59	2,908.52	17,451.11
Silberstein, Ms. Dara	NYS Department of Health	Lesbian and Gay Family Building Project	50	18,116.71	3,623.34	21,740.05
			Department Total:		\$78,382.30	
020 Asian Asian-American Studies						
Chen, Dr. Zu-yan	Confucius Institute of China	2015 Funding for the Confucius Institute	100	25,212.32	0.00	25,212.32
Chen, Dr. Zu-yan	Confucius Institute of China	2016 Confucius Institute of Chinese Opera	100	40,536.50	0.00	40,536.50
Chen, Dr. Zu-yan	National Security Agency	STARTALK Learn Chinese Through Beijing Opera CLIN 0001 SLIN 00 ACRN AA	100	47,363.61	26,049.99	73,413.60
Cho, Dr. Sungdai	Academy of Korean Studies	Center for Korean Studies	100	50,252.76	0.00	50,252.76
Pettid, Dr. Michael	Academy of Korean Studies	Center for Korean Studies	100	6,992.30	0.00	6,992.30
			Department Total:		\$196,407.48	
020 Bioengineering						

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Doiron, Dr. Amber L	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	4,918.17	2,704.99	7,623.16
Doiron, Dr. Amber L	Pennsylvania State University	Service Agreement - Functionalized Particle Development Grant 178676	100	4,334.33	0.00	4,334.33
German, Dr. Guy	SCA Hygiene Products AB	Effects of ageing and prolonged exposure to incontinent environments on the structure, function and mechanics of human stratum corneum	100	23,848.14	12,607.72	36,455.86
German, Dr. Guy	Schick Manufacturing Incorporated	Changes in Human Stratum Corneum Lipid Populations After Applications of Shave Properties	100	4,092.78	2,291.96	6,384.74
German, Dr. Guy	Unilever Trumbull Research Services Incorporated	Unrestricted Research Support	100	11.45	1.72	13.17
Jin, Dr. Sha	National Science Foundation	EAGER: Bioprinting Personalized Islets	50	33,930.00	18,407.13	52,337.13
Mahler, Dr. Gretchen	National Inst of Environmental Health Sciences	The Effects of Engineered Nanoparticle Ingestion on Mineral Absorption and Small Intestinal Health and Function	100	26,510.93	14,269.19	40,780.12
Mahler, Dr. Gretchen	National Science Foundation	Endothelial to Mesenchymal Transformation Mechanobiology	34	13,469.26	7,323.38	20,792.64
Ye, Dr. Kaiming	National Science Foundation	EAGER: Bioprinting Personalized Islets	50	33,930.00	18,407.13	52,337.13
Department Total:				\$221,058.27		
020 Biology						
Baust, Dr. John G	NYS Department of Health	Prostate Cancer Research	25	4,972.10	745.82	5,717.92

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Baust, Dr. John G	NYS Department of Health	Prostate Cancer Research	25	6,201.78	930.27	7,132.05
Baust, Dr. John G	NYS Department of Health	2016-2017 NYSDOH C30324GG Prostate Cancer Research COLA	50	369.08	55.36	424.44
Clark, Dr. Anne B.	National Science Foundation	EAGER: Linking Crow Roosting Behavior with Nitrogen Biogeochemistry in Urban Ecosystems	50	3,983.16	2,190.74	6,173.90
Clark, Dr. Anne B.	National Science Foundation	Meeting: Finalizing an Integrated Behavior Ontology for the Behavioral Science Community in Two Workshops, August 7-8, 2014, Princeton, NJ and February 2015, Washington, DC	100	4,158.46	0.00	4,158.46
Davies, Dr. David	Advanced Medical Solutions Limited (UK)	Analysis and Evaluation of Use of Innovative Biofilm Bacterial Dispersion Technology	100	11,048.02	6,076.41	17,124.43
Davies, Dr. David	Mondelez Global LLC	The Influence of the biofilm dispersion inducer cis 2 decenoic acid as an adjunctive to sugar free gum in the treatment of dental plaque forming bacteria	100	4,766.33	2,669.14	7,435.47
Davies, Dr. David	Sunstar Incorporated	The influence of the biofilm dispersion inducer cis-2-deconic acid (cis-DA) as an adjunctive to Cetylpyridinium Chloride (CPC) treatment of dental plaque-forming bacteria	100	12,456.02	6,850.81	19,306.83
Davies, Dr. David	ICL Innovation Limited	The influence of the biofilm dispersion inducer cis-2-decenoic acid as an adjunctive to treatment with antimicrobial bromine biocides	100	6,610.79	3,702.04	10,312.83
Fiumera, Dr. Anthony	National Inst of Environmental Health Sciences	Effects of herbicide exposure on male reproduction in Drosophila Melanogaster	100	8,733.96	4,629.00	13,362.96
Fiumera, Dr. Anthony	National Institute of General Medical Sciences	Using Natural Variation to Map Mitochondrial-Nuclear Interactions in Yeast	25	-2,538.12	-1,395.97	-3,934.09
Fiumera, Dr. Anthony	National Institute of General Medical Sciences	Using Natural Variation to Map Mitochondrial-Nuclear Interactions in Yeast	25	58,739.72	14,496.74	73,236.46

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Fiumera, Dr. Heather	National Institute of General Medical Sciences	Using Natural Variation to Map Mitochondrial-Nuclear Interactions in Yeast	50	-5,076.24	-2,791.93	-7,868.17
Fiumera, Dr. Heather	National Science Foundation	Dissertation Research: Mitochondrial Epistasis in Yeast	100	683.67	376.02	1,059.69
Fiumera, Dr. Heather	National Institute of General Medical Sciences	Using Natural Variation to Map Mitochondrial-Nuclear Interactions in Yeast	50	117,479.43	28,993.49	146,472.92
Marques, Ms. Claudia	Society for Applied Microbiology	New Lecturer Research Grant: Role of polyphosphate in the awakening of P. aeruginosa persister cells	100	1,597.15	878.43	2,475.58
Musselman, Dr. Laura	American Heart Association Western State Affiliate	Identification of Lipotoxins Affecting Cardiac Physiology in the Face of Caloric Overload	100	4,605.38	460.54	5,065.92
Petrova, Ms. Olga	F Hoffman La Roche Limited	The SagS pathway as a key regulator of drug resistance and biofilm formation in Pseudomonas aeruginosa	50	2,363.01	1,299.66	3,662.67
Sauer, Dr. Karin	Syracuse University	A Role of Material Stiffness in Ophthalmic Biofilm Formation and Virulence of Pseudomonas aeruginosa	100	1,613.00	887.00	2,500.00
Sauer, Dr. Karin	F Hoffman La Roche Limited	The SagS pathway as a key regulator of drug resistance and biofilm formation in Pseudomonas aeruginosa	50	2,363.01	1,299.66	3,662.67
Sauer, Dr. Karin	N2 Biomedical LLC	Preparation, Characterization and Antimicrobial Activity Testing of Nano-Scale ZnO Coatings	50	9,677.50	5,322.50	15,000.00
Sauer, Dr. Karin	National Institute of Allergy & Infectious Disease	Role of SagS signaling and regulatory events in biofilm formation and tolerance	100	63,480.06	34,914.03	98,394.09
Sauer, Dr. Karin	National Institute of Allergy & Infectious Disease	Role of PA4878 in biofilm antimicrobial resistance	100	104,746.12	57,334.24	162,080.36

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Schertzer, Dr. Jeffrey W	National Science Foundation	MRI: Development of a Microfluidic Instrument for High-throughout Production of Asymmetric Vesicles to Support Membrane Biology Research	50	15,196.52	8,103.71	23,300.23
Schertzer, Dr. Jeffrey W	National Institute of Allergy & Infectious Disease	Evaluating the Bilayer-Couple Model of Outer Membrane Vesicle Biogenesis Using Novel Asymmetric Membrane Templates	34	19,510.92	9,609.01	29,119.92
Stamp, Dr. Nancy E	Howard Hughes Medical Institute	Howard Hughes Support - Freshman Research Immersion (FRI) Models	50	73,647.54	0.00	73,647.54
Van Buskirk, Dr. Robert	NYS Department of Health	Prostate Cancer Research	25	4,972.10	745.82	5,717.92
Van Buskirk, Dr. Robert	NYS Department of Health	Prostate Cancer Research	25	6,201.78	930.27	7,132.05
Van Buskirk, Dr. Robert	NYS Department of Health	2016-2017 NYSDOH C30324GG Prostate Cancer Research COLA	50	369.08	55.36	424.44
Wilson, Dr. David Sloan	United Way of Broome County Inc	Empire State Poverty Reduction Initiative Needs Assessment	100	20,719.63	5,387.10	26,106.73
Zhu, Dr. Weixing	National Science Foundation	EAGER: Linking Crow Roosting Behavior with Nitrogen Biogeochemistry in Urban Ecosystems	50	3,983.16	2,190.74	6,173.90
Department Total:				\$764,580.11		
020 CCPA Deans Office						
Bronstein, Dr. Laura R	Conrad and Virginia Klee Foundation	Community Engagement with Families in the North Side of Binghamton	50	17,551.03	0.00	17,551.03
Bronstein, Dr. Laura R	Broome County Department of Mental Health	2017 Mental Health Project Grant Schools	100	486.13	63.20	549.33
Bronstein, Dr. Laura R	Broome County Department of Mental Health	Department of Mental Health Schools Project Coordinator 2016	100	164,406.27	21,372.81	185,779.08

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Bronstein, Dr. Laura R	Multiple Sponsors	Continuing Education Activities	100	13,490.17	2,023.53	15,513.70
Bronstein, Dr. Laura R	Multiple Sponsors	Community School Coordinators	100	57,548.13	7,481.26	65,029.39
Bronstein, Dr. Laura R	Foundation of SUNY at Binghamton	Christine Bearsch Fellowship	100	9,998.00	0.00	9,998.00
Edmunds, Ms. Tara	United Way of Broome County Inc	Promise Zone: Family Engagement for the Roosevelt Elementary School	100	6,854.58	891.10	7,745.68
Kida, Ms. LuAnn F	The Community Foundation for South Central New York	Promise Zones Summer Zones	100	6,395.00	0.00	6,395.00
Kida, Ms. LuAnn F	Conrad and Virginia Klee Foundation	Community Engagement with Families in the North Side of Binghamton	50	17,551.03	0.00	17,551.03
Mastroleo, Dr. Nadine	Brown University	Intervention Ingredients and Mechanisms of an Efficacious Motivational Interview	100	3,568.97	1,962.93	5,531.90
Mastroleo, Dr. Nadine	Brown University	Mechanisms of Behavior Change Resource Core for Alcohol-HIV Interventions	100	9,122.23	5,017.23	14,139.46
Mastroleo, Dr. Nadine	SiMmersion	Virtual Role-Plays to Train Cognitive Behavioral Treatment (CBT) for Addictions	100	24,194.76	13,307.12	37,501.88
Mastroleo, Dr. Nadine	SiMmersion	Virtual Role-Plays to Train Cognitive Behavioral Treatment (CBT) for Addictions	100	26,618.47	12,115.86	38,734.33

Department Total: \$422,019.80

020 CCPA Human Development

Wilton, Dr. Leo	New York Blood Center	Testing an Intervention to Increase HIV Self-Testing Among Young Black MSM	100	26,529.72	14,591.34	41,121.06
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Wilton, Dr. Leo	New York University	Using MOST to Optimize an HIV Continuum Intervention for Vulnerable Populations NIH Award R01DA040480	100	18,036.80	9,920.24	27,957.04
				Department Total:	\$69,078.10	
020 CCPA Public Administration						
Homsy, Dr. George C	Cornell University	Rural Sustainability: Linking Economics and the Environment	100	14,693.78	8,081.58	22,775.36
				Department Total:	\$22,775.36	
020 CCPA Social Work						
Bronstein, Dr. Laura R	Health Resources and Services Admin	Mental and Behavioral Health Education and Training Program	100	20,000.00	0.00	20,000.00
Kang, Dr. Suk-Young	Rush University Medical Center	Addressing Nonmedical Influences-Golden	50	12,243.85	1,224.39	13,468.24
Moylan, Dr. Carrie	Crisis Services Incorporated	Regional Centers for Sexual Violence Prevention	100	2,759.96	414.00	3,173.96
Rizzo, Dr. Victoria	Rush University Medical Center	Addressing Nonmedical Influences-Golden	50	12,243.85	1,224.39	13,468.24
				Department Total:	\$50,110.43	
020 Chemistry						
An, Dr. Ming	NYS Department of Health	Prostate Cancer Research	25	4,972.10	745.82	5,717.92
Bane Tuttle, Dr. Susan B	NYS Department of Health	Prostate Cancer Research	25	6,201.78	930.27	7,132.05

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Bernier, Mr. William E.	National Science Foundation	PFI:BIC-Building Innovation Capacity through Partnerships in Innovation in Electrochemical Energy Storage Devices	50	2,716.48	1,494.06	4,210.54
Callahan, Dr. Brian P	US Army Medical Research Acquisition Activity	Hedgehog Protein Cholesterololysis: A New Therapeutic Target for Advanced Prostate Cancer	100	71,485.41	34,208.35	105,693.76
Callahan, Dr. Brian P	NYS Department of Health	Prostate Cancer Research	25	6,201.78	930.27	7,132.05
Dimitrov, Mr. Nikolay	National Science Foundation	All-Electrochemical Synthesis of nanoporous Metal Based Catalysts for Energy Applications and Environmental Pollution Remedy	100	25,326.98	12,912.34	38,239.32
Dimitrov, Mr. Nikolay	National Science Foundation	All-Electrochemical Synthesis of nanoporous Metal Based Catalysts for Energy Applications and Environmental Pollution Remedy	100	2,784.43	0.00	2,784.43
Fang, Dr. Jiayuan	Custom Electronics Incorporated	Study and Processing of High-Performance Supercapacitor Materials	100	871.98	226.72	1,098.70
Fang, Dr. Jiye	Aegis Technology	DOE STTR: High-efficiency, Cost-effective Thermoelectric Materials/devices for Industrial Process Refrigeration and Waste Heat Recovery	100	-6.39	-3.39	-9.78
Fang, Dr. Jiye	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	789.75	434.36	1,224.11
Fang, Dr. Jiye	Aegis Technology	Unrestricted Research Support	100	14,770.30	2,215.55	16,985.85
Fang, Dr. Jiye	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	12,351.00	0.00	12,351.00
Grewer, Dr. Christof	US Israel Binational Science Foundation	Mechanism of Glutamate Transport	100	4,875.38	731.31	5,606.69

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Grewer, Dr. Christof	Icahn School of Medicine at Mount Sinai	Substrate Specificity Determinants in Cancer-Related Solute Carrier Transporters	100	18,724.96	10,298.73	29,023.69
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	923.30	0.00	923.30
Jones, Dr. Wayne E	Lithium Battery Engineering, LLC	SBIR Phase I: PEDOT electrodes	100	2,734.45	1,531.29	4,265.74
Jones, Dr. Wayne E	Custom Electronics Incorporated	SBIR Phase 2: Development of biodegradable composites for electronics and 3D printing (beta)	100	6,599.54	3,695.74	10,295.28
Jones, Dr. Wayne E	Custom Electronics Incorporated	SBIR Phase 2: Evaluation of biodegradable 3D printing composites (alpha)	100	5,457.18	3,056.02	8,513.20
Jones, Dr. Wayne E	Binghamton City School District	2016 Go Green Summer Institute	100	40,868.43	22,886.32	63,754.75
Jones, Dr. Wayne E	ChromaNano Tech LLC	SBIR Phase 1: Methods for Creating Passive Solar Window Film Using Novel Dyes for Improved Energy Efficiency in Buildings	100	1,099.07	1,113.74	2,212.81
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	908.22	0.00	908.22
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	2,325.28	0.00	2,325.28
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	5,619.04	0.00	5,619.04
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	229.50	0.00	229.50
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	5,619.04	0.00	5,619.04

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Jones, Dr. Wayne E	Battelle Memorial Institute	Switchable Energetic Binders for Insensitive Explosives	100	7,896.24	4,342.93	12,239.17
Jones, Dr. Wayne E	Nexus NY High Tech Rochester Inc	NEXUS NY Program Phase II	100	-115.00	-11.50	-126.50
Jones, Dr. Wayne E	National Science Foundation	REU Site: Renewable Energy Generation and Storage	50	6,442.93	0.00	6,442.93
Jones, Dr. Wayne E	US Army Research Office	Decontamination of Toxic Agents Using Nanofibers	100	25,486.02	14,272.17	39,758.19
Jones, Dr. Wayne E	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	12,351.00	0.00	12,351.00
Jones, Dr. Wayne E	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	789.75	434.36	1,224.11
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	5,619.04	0.00	5,619.04
Rozners, Mr. Eriks	National Science Foundation	Sequence Selective Recognition of Double-Stranded Non-Coding RNA via Triplex Forming PNA	100	2,457.92	1,351.86	3,809.78
Rozners, Mr. Eriks	National Science Foundation	Dynamics and Energetics of Secondary-Active Glutamate Transport	100	39,658.91	18,512.40	58,171.31
Rozners, Mr. Eriks	National Institute of General Medical Sciences	Amide-Modified RNA: Synthesis, Structure and Potential for RNA Interference	100	179,351.10	62,818.68	242,169.78
Rozners, Mr. Eriks	National Science Foundation	Sequence Selective Recognition of Double-Stranded Non-Coding RNA via Triplex Forming PNA	100	42,665.96	22,957.53	65,623.49

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Rozners, Mr. Eriks	National Institute of General Medical Sciences	Amide-Modified RNA: Synthesis, Structure and Potential for RNA Interference	100	59,900.00	0.00	59,900.00
Sadik, Dr. Omowunmi A	National Science Foundation	BREAD PHENO: Development and Field Testing of Paper-based Biosensors to Increase Productivity of Smallholder Agriculture in Developing Countries	100	141,867.24	70,141.53	212,008.77
Sadik, Dr. Omowunmi A	National Science Foundation	I-Corps: Nanosensors for rapid detection of food pathogens	100	3,705.00	411.63	4,116.63
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	923.30	0.00	923.30
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	5,619.04	0.00	5,619.04
Whittingham, Dr. M Stanley	US Department of Energy	Battery500 Consortium - Development of High-Capacity Cathodes and Robust Solid Electrolytes	100	46,510.87	26,046.09	72,556.96
Whittingham, Dr. M Stanley	Empire State Development Corp	Empire State Development Grants Program NECCES Battery Dry Room, CFA # 53297	100	47,392.26	0.00	47,392.26
Whittingham, Dr. M Stanley	NYS Department of Economic Development	NorthEast Center for Chemical Energy Storage (NECCES)	100	51,071.78	0.00	51,071.78
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	2,325.28	0.00	2,325.28
Whittingham, Dr. M Stanley	US Department of Energy	Northeast Center for Chemical Energy Storage(NECCES)	100	1,642,726.03	161,389.71	1,804,115.74
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	229.50	0.00	229.50

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Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	908.22	0.00	908.22
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	5,619.04	0.00	5,619.04
Whittingham, Dr. M Stanley	NYS Energy Research and Development Authority	Agreement 59723 - NorthEast Center for Chemical Energy Storage (NECCES)	100	70,918.52	0.00	70,918.52
Whittingham, Dr. M Stanley	US Department of Energy	High Energy Density Lithium Battery	100	136,524.59	75,088.53	211,613.12
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	5,619.04	0.00	5,619.04
Yao, Ms. Lan	NYS Department of Health	Prostate Cancer Research	25	4,972.10	745.82	5,717.92
Zhong, Dr. Chuan Jian	National Science Foundation	PFI: AIR-TT: Scale-up Synthesis of Nanoparticles for Manufacturing Microelectrodes and Sensing Films of Indoor Air Quality Chemiresistor Sensors	100	14,973.71	8,235.54	23,209.25
Zhong, Dr. Chuan Jian	National Science Foundation	I-Corps: Low Noble Metal Content Catalysts for Emission Control Systems	100	14,108.29	1,567.43	15,675.72
Zhong, Dr. Chuan Jian	National Science Foundation	Exploring Synergy of Composition-Tunable Nanoalloys for Catalytic Oxidation of Hydrocarbons	100	28,153.67	14,975.77	43,129.44
Zhong, Dr. Chuan Jian	AI Biosciences Incorporated	SBIR Phase 1: Rapid and Ultrasensitive Direct Detection of RNA for Norovirus Gastroenteritis	100	4,833.54	2,658.44	7,491.98
Zhong, Dr. Chuan Jian	Central Michigan University	Element Specific Atomic Arrangement of Binary and Ternary Alloy Nanosized Catalysts in a Prepared and Active State	100	1,061.39	381.40	1,442.79

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Zhong, Dr. Chuan Jian	Central Michigan University	Element Specific Atomic Arrangement of Nanosized Catalysts in a Prepared and Active State	100	42,627.84	23,445.31	66,073.15
Department Total:				\$3,506,816.25		
020 Computer Science						
Abu-Ghazaleh, Dr. Nael	Qatar University	Virtually Secure:A Framework for Hypervisor Code and Data Integrity	50	1,301.70	260.34	1,562.04
Chiu, Dr. Kenneth	National Institute of General Medical Sciences	Using Natural Variation to Map Mitochondrial-Nuclear Interactions in Yeast	25	-2,538.12	-1,395.97	-3,934.09
Chiu, Dr. Kenneth	Cary Institute of Ecosystem Studies	Building Analytical, Synthesis, and Human Network Skills Needed for Macrosystem Science	100	10,260.00	2,667.60	12,927.60
Chiu, Dr. Kenneth	National Institute of General Medical Sciences	Using Natural Variation to Map Mitochondrial-Nuclear Interactions in Yeast	25	58,739.72	14,496.74	73,236.46
Ghose, Dr. Kanad	Multiple Sponsors	ES2 IAB Donation Multiple Sponsors	33	95.62	9.56	105.18
Ghose, Dr. Kanad	Huawei Technologies Company Limited	Huawei Corporation's Membership in the I/UCRC for Energy-Smart Electronic Systems	33	4,175.04	417.50	4,592.54
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	10,961.97	354.16	11,316.12
Ghose, Dr. Kanad	US Department of Education	Graduate Research Fellowships in Energy-Aware Computing and Experimental Computer Systems	100	12,427.53	0.00	12,427.53
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	2,662.68	1,464.47	4,127.15
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	6,814.63	3,070.55	9,885.18

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Ghose, Dr. Kanad	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	50	127,357.48	29,304.78	156,662.26
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	-116.40	0.00	-116.40
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	28,926.75	0.00	28,926.75
Ghose, Dr. Kanad	NYS Energy Research and Development Authority	Effectiveness, Efficiency, and Integrated Improvements of Warm Water Direct Liquid Cooling Systems Agreement 41201	50	32,183.44	9,060.07	41,243.51
Ghose, Dr. Kanad	US Department of Education	Graduate Research Fellowships in Energy-Aware Computing and Experimental Computer Systems	100	18,110.24	0.00	18,110.24
Ghose, Dr. Kanad	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	50	740.89	476.54	1,217.43
Ghose, Dr. Kanad	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	33	19,659.90	11,013.74	30,673.63
Ghose, Dr. Kanad	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	33	1,596.37	846.07	2,442.44
Ghose, Dr. Kanad	Intel Corporation	Power-Performance Management in x86 and x86-64 Multicore Microprocessors, Memory and I/O Subsystems	100	5,279.97	2,798.38	8,078.35
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	983.40	0.00	983.40
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	3,331.20	64.02	3,395.22

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Gopalan, Dr. Kartik	National Science Foundation	CSR:Small: Multi-hypervisor Virtual Machines-Enabling an Ecosystem of Hypervisors in the Cloud	100	16,946.47	7,670.56	24,617.03
Gopalan, Dr. Kartik	National Science Foundation	CSR:Small:Towards High Performance, Robust and Secure Live Migration of Virtual Machines	50	32,701.12	15,256.24	47,957.36
Gopalan, Dr. Kartik	National Science Foundation	CSR:Small:Towards High Performance, Robust and Secure Live Migration of Virtual Machines	50	1,373.65	0.00	1,373.65
Govindaraju, Dr. Madhusudhan	IBM Corporation	IBM Faculty Award for Madhusudhan Govindaraju	100	10,075.21	0.00	10,075.21
Kang, Dr. Kyoung-Don	National Science Foundation	CSR: Small: Timely Power-Aware Data Management in Embedded Systems	100	24,797.39	13,638.57	38,435.96
Liu, Dr. Yao	National Science Foundation	CSR: Small: A Unified Approach Toward User-specific Improvements of Quality of Experience for Video Streaming	100	19,153.76	7,234.57	26,388.33
Liu, Dr. Yu David	National Science Foundation	CAREER:Programming Models for Green Software	100	5,755.00	0.00	5,755.00
Liu, Dr. Yu David	National Science Foundation	CAREER:Programming Models for Green Software	100	19,180.16	9,925.40	29,105.56
Liu, Dr. Yu David	National Science Foundation	II:New:Collaborative Research:An Extensible Software Infrastructure for Unmanned Aerial Vehicles	100	1,054.56	580.01	1,634.57
Liu, Dr. Yu David	National Science Foundation	SHF: Small Green Parallel Language Systems	100	42,514.19	22,365.30	64,879.49
Meng, Dr. Weiyi	National Science Foundation	BIGDATA: Collaborative Research: F: Streaming Architecture for Continuous Entity Linking in Social Media	100	39,747.85	18,561.31	58,309.16

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Meng, Dr. Weiyi	University of Illinois at Chicago	Text Mining Pipeline to Accelerate Systematic Reviews in Evidence-Based Medicine Prime Award 2R01LM010817-05A1	100	2,953.17	1,624.24	4,577.41
Miller, Dr. Timothy N	National Science Foundation	CAREER: Sustaining Moore's Law Through Introspective Computing: A Comprehensive System For Reliability and Energy Optimization in Modern Computing Devices	100	54,376.50	26,607.07	80,983.57
Ponomarev, Mr. Dmitry V	Qatar University	Architectural Approaches for Protecting Against Compromised System Software	100	8,456.69	1,691.34	10,148.03
Ponomarev, Mr. Dmitry V	National Science Foundation	TWC: Small: Collaborative: Practical Hardware-Assisted Always-On Malware Detection	50	9,765.36	4,249.78	14,015.14
Ponomarev, Mr. Dmitry V	Qatar University	Virtually Secure:A Framework for Hypervisor Code and Data Integrity	50	1,301.70	260.34	1,562.04
Ponomarev, Mr. Dmitry V	National Science Foundation	TWC:Small:Side Channels Through Lower-Level Caches: Attacks, Defenses and Security Metrics	100	48,311.32	16,016.38	64,327.70
Ponomarev, Mr. Dmitry V	Regents of the University of California Riverside	Parallel Discrete Event Simulation on Emerging High-performance Multicore Clusters - US Air Force Award FA9550-15-1-0384	100	37,865.33	20,576.78	58,442.11
Prakash, Dr. Aravind	National Science Foundation	CRII: SaTC: Robust and Platform Independent Recovery of Design Features from C++ Binaries	100	20,442.65	7,943.46	28,386.11
Prakash, Dr. Aravind	Royal Bank of Canada	Cross Layer Data Lifetime and Integrity in the Android Key Management System	100	1,388.26	777.43	2,165.69
Wang, Dr. Yan	National Science Foundation	NSF Student Travel Grant for 2016 ACM Annual International Conference on Mobile Computing and Networking (ACM MobiCom)	100	18,836.35	0.00	18,836.35
Wang, Dr. Yan	National Science Foundation	CRII: NeTS: Ubiquitous Sensing based Location-aware Driving Safety System	100	28,912.40	9,301.82	38,214.22

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Yan, Dr. Guanhua	National Science Foundation	TWC: Small: A Moving Target Approach to Enhancing Machine Learning-Based Malware Defense	100	4,294.33	2,404.82	6,699.15
Yang, Ms. Ping	National Science Foundation	CSR:Small:Towards High Performance, Robust and Secure Live Migration of Virtual Machines	50	1,373.65	0.00	1,373.65
Yang, Ms. Ping	National Science Foundation	CSR:Small:Towards High Performance, Robust and Secure Live Migration of Virtual Machines	50	32,701.12	15,256.24	47,957.36
Yin, Dr. Lijun	National Science Foundation	Collaborative Research:3D Dynamic Multimodal Spontaneous Emotion Corpus for Automated Facial Behavior and Emotion Analysis	100	31,814.56	16,861.72	48,676.28
Yin, Dr. Lijun	National Science Foundation	CI-SUSTAIN: Collaborative Research: Extending a Large Multimodal Corpus of Spontaneous Behavior for Automated Emotion Analysis	100	569.26	318.79	888.05
Yu, Dr. Lei	National Science Foundation	TWC: Small: Collaborative: Practical Hardware-Assisted Always-On Malware Detection	50	9,765.36	4,249.78	14,015.14
Zhang, Dr. Yifan	National Science Foundation	CRII: CSR NeTS: Enabling Secure and Trusted Device I/Os on Smartphones	100	5,938.59	3,266.22	9,204.81
				Department Total:	\$1,176,866.63	
020 Economics						
Chaurey, Dr. Ritam	Abt JTA Proprietary Limited	G4G KOMPAK - Principal Investigator for Baseline Study - PKKPM	100	45.01	11.70	56.71
				Department Total:	\$56.71	
020 Electrical Engineering						
Chen, Dr. Yu	National Science Foundation	EARS Collaborative Research - Intelligence Measure of Cognitive Radio Networks	50	41,569.77	19,309.00	60,878.77

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Chen, Dr. Yu	National Science Foundation	EARS Collaborative Research - Intelligence Measure of Cognitive Radio Networks	50	148.15	0.00	148.15
Chen, Dr. Yu	Griffiss Institute	Dynamic, Intelligent Urban Surveillance using Fog Computing - AFRL Agreement FA8750-15-3-6000	100	7,609.17	4,185.04	11,794.21
Choi, Dr. Seokheun	National Science Foundation	BREAD PHENO: Development and Field Testing of Paper-based Biosensors to Increase Productivity of Smallholder Agriculture in Developing Countries	100	40,949.92	19,222.46	60,172.38
Choi, Dr. Seokheun	National Science Foundation	An Origami Paper-Based Bacteria-Powered Battery for On-Chip Biosensors	100	41,668.81	19,617.84	61,286.65
Dolgikh, Mr. Andrey	US Navy Office of Naval Research	Security Approach for Industrial Control Systems	50	65,487.94	34,523.75	100,011.69
Fridrich, Dr. Jessica J.	National Science Foundation	TWC: Medium: Steganography in Empirical Sources Using Acquisition Oracle	100	87,144.63	10,830.34	97,974.97
Fridrich, Dr. Jessica J.	US Air Force Research Laboratory	New Generation of Image Processing History and Manipulation Detection Techniques with Vectorized Context-Aware Descriptors	50	42,706.93	9,708.77	52,415.70
Fridrich, Dr. Jessica J.	US Air Force Office of Scientific Research	Rich Cover Models for Steganalysis of Digital Media	100	141,852.43	75,181.78	217,034.21
Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	28,926.75	0.00	28,926.75
Jin, Dr. Zhanpeng	National Science Foundation	TWC SBE: Medium Collaborative: Brain Hacking: Assessing Psychological and Computational Vulnerabilities in Brain-based Biometrics	50	24,218.04	11,114.52	35,332.56
Jin, Dr. Zhanpeng	National Science Foundation	EAGER: Dynamic Data: Collaborative: Exploiting the Dynamically Architectural Configurability for Compressed Sensing	100	5,380.80	2,959.44	8,340.24

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Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	6,814.63	3,070.55	9,885.18
Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	2,662.68	1,464.47	4,127.15
Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	-116.40	0.00	-116.40
Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	983.40	0.00	983.40
Jin, Dr. Zhanpeng	US Air Force Research Laboratory	A Holistic Approach to Understanding and Benchmarking of Cognitive and Architectural Characteristics for Neuromorphic Architectures	100	36,919.38	20,305.66	57,225.04
Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	3,331.20	64.02	3,395.22
Jin, Dr. Zhanpeng	National Science Foundation	TWC SBE: Small: Collaborative Brain Password: Exploring A Psychophysiological Approach for Secure User Authentication	50	5,850.75	0.00	5,850.75
Jin, Dr. Zhanpeng	National Science Foundation	TWC SBE: Small: Collaborative Brain Password: Exploring A Psychophysiological Approach for Secure User Authentication	50	14,705.62	7,833.72	22,539.34
Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	10,961.97	354.16	11,316.12
Ke, Dr. Changhong	Cornell University	NASA/New York Space Grant Consortium National Space Grant College and Fellowship Program 2015-2018	100	3,068.15	0.00	3,068.15
Kirchner, Dr. Matthias	National Science Foundation	CRII:SaTC:Camera-based mobile device end-user authentication	100	26,401.27	11,220.69	37,621.96

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Kirchner, Dr. Matthias	US Air Force Research Laboratory	New Generation of Image Processing History and Manipulation Detection Techniques with Vectorized Context-Aware Descriptors	50	42,706.93	9,708.77	52,415.70
Klotzkin, Dr. David	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	12,351.00	0.00	12,351.00
Klotzkin, Dr. David	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	789.75	434.36	1,224.11
Klotzkin, Dr. David	National Transportation Safety Board	Investigation of Impact Effects on the Electrical and Optical Characteristics of Light Emitting Diodes Item Number 0001	100	3,845.62	2,115.09	5,960.71
Li, Dr. Xiaohua	National Science Foundation	EARS Collaborative Research - Intelligence Measure of Cognitive Radio Networks	50	41,569.77	19,309.00	60,878.77
Li, Dr. Xiaohua	National Science Foundation	EARS Collaborative Research - Intelligence Measure of Cognitive Radio Networks	50	148.15	0.00	148.15
Nikulin, Mr. Vladimir V	US Air Force Research Laboratory	Exploitability of Free-Space Optical Communication Links and Verification of Hyper-Entanglement After Propagation Through the Receiver Components	100	43,068.22	17,398.27	60,466.49
Rastogi, Mr. Alok C.	National Science Foundation	PFI:BIC-Building Innovation Capacity through Partnerships in Innovation in Electrochemical Energy Storage Devices	50	2,716.48	1,494.06	4,210.54
Skormin, Dr. Victor A	US Navy Office of Naval Research	Security Approach for Industrial Control Systems	50	65,487.94	34,523.75	100,011.69
Skormin, Dr. Victor A	US Air Force Office of Scientific Research	Semantic Approach to Behavior-Based IDS and Its Applications	100	147,421.46	12,663.48	160,084.94
Summerville, Dr. Douglas H	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	33	1,071.84	589.51	1,661.35

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Summerville, Dr. Douglas H	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	33	27,225.00	0.00	27,225.00
Zahorian, Mr. Stephen A.	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	34	1,104.32	607.38	1,711.70
Zahorian, Mr. Stephen A.	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	34	28,050.00	0.00	28,050.00
Zahorian, Mr. Stephen A.	VentureWell	National Center for Engineering Pathways to Innovation (Epicenter) Program- Funds Provided Through Stanford University	50	24.65	2.47	27.12
Zahorian, Mr. Stephen A.	Minerva Systems and Technologies LLC	STTR Phase II Reverberation Mitigation of Speech - USAF Award FA8750-16-C-0292	100	51,361.18	21,470.68	72,831.86
Zhou, Dr. Ning	Pacific Northwest National Laboratory	Algorithm Development for Dynamic State Estimation - FY16	100	20,415.10	10,652.18	31,067.28
Zhou, Dr. Ning	Bigwood Systems Incorporated	On-Line Validating and Calibrating Generator Dynamic and Electrical Parameters Using PMU and SCADA Data	100	13,998.07	6,614.06	20,612.13
Department Total:				\$1,531,150.68		
020 Entrepreneurship and Innovation Partnership						
McKeage, Mr. Louis G	Economic Development Administration	Trade Adjustment Assistance Center Serving New York, New Jersey and the Commonwealth of Puerto Rico	100	348,630.29	45,894.08	394,524.37
Stromhaug, Mr. Per	VentureWell	National Center for Engineering Pathways to Innovation (Epicenter) Program- Funds Provided Through Stanford University	50	24.65	2.47	27.12
Department Total:				\$394,551.49		
020 Geography						

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Frazier, Dr. John W	Society of Woman Geographers	2016-2017 Evelyn L. Pruitt National Minority Fellowship	100	1,000.00	0.00	1,000.00
Frazier, Dr. Timmy	University of Idaho	Pre-disaster Mitigation Plan (10 County) Purchase Order # P0047952	100	49,623.43	4,962.34	54,585.77
Frazier, Dr. Timmy	University of Idaho	Hazard Mitigation Planning for 6 Counties in Idaho P0050620	100	40,388.29	7,942.23	48,330.52
Department Total:				\$103,916.29		
020 Geology						
Graney, Dr. Joseph R	National Science Foundation	Acquisition of a Laser Ablation-HPLC-ICP-MS system	25	15,051.18	0.00	15,051.18
Jenkins, Dr. David M	National Science Foundation	Experimental Investigation of Chlorine Substitution into Calcic Amphiboles	100	50,121.65	27,566.90	77,688.55
Kulp, Dr. Thomas	National Science Foundation	Acquisition of a Laser Ablation-HPLC-ICP-MS system	25	15,051.18	0.00	15,051.18
Lowenstein, Dr. Tim K	Arizona Board of Regents	FESD Type I: Earth System Dynamics and its Role in Human Evolution in Africa	100	20,388.17	10,582.37	30,970.54
Lowenstein, Dr. Tim K	National Science Foundation	Acquisition of a Laser Ablation-HPLC-ICP-MS system	25	15,051.18	0.00	15,051.18
Naslund, Dr. Howard	National Science Foundation	Crystal Settling, In-situ Crystallization, Melt Migration, and Magma Recharge in a Differentiated Mafic Sill, Victoria Island, Canada	100	1,533.85	843.62	2,377.47
Naslund, Dr. Howard	National Science Foundation	Acquisition of a Laser Ablation-HPLC-ICP-MS system	25	15,051.18	0.00	15,051.18
Pietras, Dr. Jeffrey	Foundation of SUNY at Binghamton	Start Up Support Provided by Private Donor	100	14,175.00	0.00	14,175.00

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Pietras, Dr. Jeffrey	American Chemical Society	Rhenium-Osmium Isotope Systematics: Application of Osmium Isotope Stratigraphy and Geochronology in Lacustrine Organic-rich Mudstones	100	13,490.80	0.00	13,490.80
Wu, Dr. Francis	National Science Foundation	Collaborative Research:TAIGER's Tale: Tectonics of Subduction to Collision	100	112,103.81	29,147.00	141,250.81
Department Total:				\$340,157.89		
020 Graduate School Dean						
Lam, Dr. Sarah	National Science Foundation	Graduate Research Fellowship Program	100	33,200.46	0.00	33,200.46
Lam, Dr. Sarah	National Science Foundation	Graduate Research Fellowship Program	100	3,604.53	0.00	3,604.53
Lam, Dr. Sarah	National Science Foundation	Graduate Research Fellowship Program	100	33,201.50	0.00	33,201.50
Strehle, Dr. Susan	Foundation of SUNY at Binghamton	BU Foundation Supported Graduate Students and Fellowships	100	4,717.22	0.00	4,717.22
Strehle, Dr. Susan	Foundation of SUNY at Binghamton	Graduate Assistant Salaries/Fellowship Support Funded Through BU Foundation Accounts	100	161,668.86	0.00	161,668.86
Department Total:				\$236,392.57		
020 History						
Wall, Dr. Wendy	National Endowment for the Humanities	Title F reimbursement - NEH fellowship titled "Changing Demographics in Cold War America"	100	2.73	0.00	2.73
Department Total:				\$2.73		
020 Library Administration						

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Green, Ms. Jean L	NYS Education Department	2016/2017 Conservation/Preservation Program Grant Application	100	9,942.78	0.00	9,942.78
Department Total:				\$9,942.78		
020 Math						
Czubak, Dr. Magdalena	Simons Foundation	Topics in Geometric PDE	100	1,446.56	241.57	1,688.13
Geoghegan, Dr. Ross	Simons Foundation	Algebraic and Asymptotic Properties of Generating Sets of Algebras	100	156.85	26.19	183.04
Geoghegan, Dr. Ross	Simons Foundation	Statistical methods for High-Dimensional Classifications	100	139.83	23.35	163.18
Geoghegan, Dr. Ross	Simons Foundation	New advances in quickest change-point detection with applications	100	108.17	18.06	126.23
Gogolyev, Dr. Andriy	National Science Foundation	Classification problems in hyperbolic dynamics	100	17,430.64	9,586.85	27,017.49
Gogolyev, Dr. Andriy	Simons Foundation	Fibered smooth dynamics and dynamical surgery	100	788.32	131.65	919.97
Mazur, Dr. Marcin	Simons Foundation	Algebraic and Asymptotic Properties of Generating Sets of Algebras	100	1,157.48	193.30	1,350.78
Nguyen-Phan, Dr. Tu Tam	National Science Foundation	Topology of non-positively curved manifolds	100	17,521.76	9,636.97	27,158.73
Ontaneda, Dr. Pedro	National Science Foundation	Spaces with Negative and Nonpositive Curvature	100	32,316.02	17,773.81	50,089.83
Polunchenko, Dr. Aleksey S	Simons Foundation	New advances in quickest change-point detection with applications	100	1,869.68	312.24	2,181.92

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Qiao, Dr. Xingye	Simons Foundation	Statistical methods for High-Dimensional Classifications	100	4,969.29	829.87	5,799.16
Department Total:				\$116,678.46		
020 Mechanical Engineering						
Chiarot, Dr. Paul	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	4,918.17	2,704.99	7,623.16
Chiarot, Dr. Paul	National Science Foundation	MRI: Development of a Microfluidic Instrument for High-throughout Production of Asymmetric Vesicles to Support Membrane Biology Research	50	15,196.52	8,103.71	23,300.23
Chiarot, Dr. Paul	National Science Foundation	Inkjet-Electrospray Hybrid Printing: Understanding the Processing-Structure Relationship	33	13,219.71	6,013.95	19,233.67
Chiarot, Dr. Paul	American Chemical Society	Electrohydrodynamic Atomization of Fuels Using Charge-Injection for Efficient Flameless Catalytic Combustion at Small Scale	100	15,146.51	0.00	15,146.51
Chiarot, Dr. Paul	Schick Manufacturing Incorporated	Electrospray Deposition of PTFE Coatings Phases 1 and II	100	17,044.52	9,142.89	26,187.41
Chiarot, Dr. Paul	National Institute of Allergy & Infectious Disease	Evaluating the Bilayer-Couple Model of Outer Membrane Vesicle Biogenesis Using Novel Asymmetric Membrane Templates	33	18,937.07	9,326.39	28,263.45
Chiarot, Dr. Paul	Polytechnique Montreal	Material Costs for Flexible Electronics Testing Device	100	554.93	0.00	554.93
Chiarot, Dr. Paul	National Science Foundation	CAREER: Additive Manufacturing using Electrospray Printing of Nanoparticle Inks	100	27,133.66	11,623.52	38,757.18
Cho, Dr. Junghyun	Universal Instruments Corporation	Research on Automated Assembly and Reliability of Microelectronics	100	4,110.82	1,068.81	5,179.63

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Cho, Dr. Junghyun	Analog Devices	Materials Characterization in Electronics Packages	100	13,938.26	3,623.95	17,562.21
Cho, Dr. Junghyun	N2 Biomedical LLC	Characterization of ZnO and TiO2 Coatings	100	1,279.67	703.82	1,983.49
Cho, Dr. Junghyun	N2 Biomedical LLC	Preparation, Characterization and Antimicrobial Activity Testing of Nano-Scale ZnO Coatings	50	9,677.50	5,322.50	15,000.00
Cho, Dr. Junghyun	BAE Systems Controls Incorporated	Characterization of Conformal Composite Coatings	100	17,962.25	9,370.49	27,332.74
Cho, Dr. Junghyun	Analog Devices	Materials Characterization in Electronic Packages	100	9,821.95	2,553.71	12,375.66
Cho, Dr. Junghyun	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	4,918.17	2,704.99	7,623.16
Cho, Dr. Junghyun	NYS Energy Research and Development Authority	Agreement No. 58256 - Ultraviolet (UV) Curable Polyurethane Coatings with Improved Moisture Barrier Properties	100	20,803.58	11,441.97	32,245.55
Cho, Dr. Junghyun	Analog Devices	Eutectic Bonding on MEMS Wafer Level Chip Scale Packaging	100	2,160.18	1,188.20	3,348.38
Huang, Dr. Pong-Yu	American Chemical Society	Contact Dynamics and Flow Blockage Inhibition of Armored Bubbles Inside Confining Flow Conduits	100	12,469.08	0.00	12,469.08
Huang, Dr. Pong-Yu	National Science Foundation	Endothelial to Mesenchymal Transformation Mechanobiology	33	13,073.11	7,107.99	20,181.09
Ke, Dr. Changhong	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	4,918.17	2,704.99	7,623.16

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Ke, Dr. Changhong	National Science Foundation	Collaborative Research:Experimental and Computational Nanomechanics of the Load Transfer Mechanisms at the Graphene Polymer Interface	100	11,022.68	5,553.73	16,576.41
Ke, Dr. Changhong	US Air Force Office of Scientific Research	Investigating the Structural and Mechanical Properties of Boron Nitride Nanotubes and their Polymer Nanocomposites	100	123,131.78	51,630.85	174,762.63
McGrann, Mr. Roy	Vietnam Education Foundation Fellowship Program	U.S. Faculty Scholar Grant - Roy McGrann	100	20,842.20	0.00	20,842.20
Miles, Dr. Ronald N	National Science Foundation	A New Approach to Capacitive Sensing: Repulsive Sensors	50	15,962.14	7,797.24	23,759.38
Murray, Dr. Bruce T	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	33	19,659.90	11,013.74	30,673.63
Murray, Dr. Bruce T	National Science Foundation	Endothelial to Mesenchymal Transformation Mechanobiology	33	13,073.11	7,107.99	20,181.09
Murray, Dr. Bruce T	Callsign Incorporated	ES2 Membership-Callsign Inc.	33	2,808.37	280.84	3,089.20
Murray, Dr. Bruce T	Multiple Sponsors	ES2 IAB Donation Multiple Sponsors	33	95.62	9.56	105.18
Murray, Dr. Bruce T	Huawei Technologies Company Limited	Huawei Corporation's Membership in the I/UCRC for Energy-Smart Electronic Systems	33	4,175.04	417.50	4,592.54
Murray, Dr. Bruce T	US Food and Drug Administration	Intergovernmental Personnel Agreement for Bruce Murray	100	61,674.53	5,550.71	67,225.24
Murray, Dr. Bruce T	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	33	1,596.37	846.07	2,442.44

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Park, Dr. Seungbae	Corning Incorporated	Deflection, Strain Response and Fracture Strength Measurement of Corning Gorilla Glass during Ball Drop at Component Level and during the entire Device Drop 1028P0000294584/1028P0000299734	100	35,707.88	7,141.58	42,849.46
Park, Dr. Seungbae	Juniper Networks Incorporated	Modeling and Reliability Analysis PO #1 500044647 PO #2 500053405	100	3,761.19	2,106.27	5,867.46
Park, Dr. Seungbae	Multiple Sponsors	Income from Miscellaneous Testing Agreements	100	9,287.97	2,321.99	11,609.96
Park, Dr. Seungbae	Analog Devices	Investigating Temperature and Time Dependent Stress Relaxation Behavior of MEMS Packages and Packaging Materials	100	2,101.51	1,155.83	3,257.34
Park, Dr. Seungbae	Multiple Sponsors	Unrestricted Research Income	100	2,131.19	319.67	2,450.86
Pitarresi, Dr. James	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	33	1,071.84	589.51	1,661.35
Pitarresi, Dr. James	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	33	27,225.00	0.00	27,225.00
Singler, Dr. Timothy J	National Science Foundation	Inkjet-Electrospray Hybrid Printing:Understanding the Processing-Structure Relationship	33	13,219.71	6,013.95	19,233.67
Singler, Dr. Timothy J	Multiple Sponsors	Unrestricted Research Support - Kurt lesker	100	705.67	141.13	846.80
Su, Mr. Quang T	Knowles Electronics LLC	Method for Characterizing the Vibration response of Microphone Cartridges	100	4,360.50	2,398.28	6,758.78
Su, Mr. Quang T	Universal Instruments Corporation	Vibration Reliability of Electronic Assemblies at Elevated Temperature	100	7,826.00	2,034.76	9,860.76

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Towfighian, Dr. Shahrzad	National Science Foundation	A New Approach to Capacitive Sensing: Repulsive Sensors	50	15,962.14	7,797.24	23,759.38
Wang, Dr. Hao	Meecontech Incorporated	Unrestricted Support from Meecontech	100	16,538.70	2,480.80	19,019.50
Willing, Dr. Ryan	National Inst of Arthritis Musculoskeletal & Skin	Multiobjective Design-Optimization of Reverse Total Shoulder Arthroplasty	100	36,374.21	19,756.67	56,130.88
Willing, Dr. Ryan	Hospital for Special Surgery	Unrestricted Support from Hospital for Special Surgery	100	361.52	54.23	415.75
Willing, Dr. Ryan	Force and Motion Foundation	Unrestricted Research Support	100	2,747.82	412.17	3,159.99
Yong, Dr. Xin Frank	National Institute of Allergy & Infectious Disease	Evaluating the Bilayer-Couple Model of Outer Membrane Vesicle Biogenesis Using Novel Asymmetric Membrane Templates	33	18,937.07	9,326.39	28,263.45
Yong, Dr. Xin Frank	American Chemical Society	Mesoscale Modeling of Stimuli-Responsive Composite Colloids at Oil-Water Interfaces	100	115.97	0.00	115.97
Yong, Dr. Xin Frank	National Science Foundation	Inkjet-Electrospray Hybrid Printing:Understanding the Processing-Structure Relationship	34	13,620.31	6,196.19	19,816.51
Zhou, Dr. Guangwen	Pacific Northwest National Laboratory	Materials Synthesis and Simulations Across Scales (MS3) Richland, WA, USA	100	10,389.95	2,460.89	12,850.84
Zhou, Dr. Guangwen	National Science Foundation	CAREER Atomic Scale Study of Reduction of Metal Oxides	100	15,258.28	8,086.74	23,345.02
Zhou, Dr. Guangwen	National Science Foundation	Collaborative Research: Investigation of Fundamental properties of Lead-Free Nanosolders for Nanoscale Assembly and Nano-Joining	100	15,770.94	8,271.69	24,042.63

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Zhou, Dr. Guangwen	National Science Foundation	Collaborative Research:situ Characterization of Methanol Oxidation Catalyzed By Copper-Based Materials	100	27,342.21	14,280.32	41,622.53
Zhou, Dr. Guangwen	US Department of Energy	Northeast Center for Chemical Energy Storage(NECCES)	100	84,908.27	46,822.81	131,731.08
Zhou, Dr. Guangwen	US Department of Energy	In Situ Visualization and Theoretical Modeling of Early Stages of Oxidation of Metals and Alloys	100	55,104.76	28,272.62	83,377.38
Department Total:				\$1,285,512.99		

020 Pharmaceutical Sciences

Nagaraju, Dr. Kanneboyina	National Inst of Neurological Disorders & Stroke	Dystrophin turnover after exon-skipping	100	5,479.96	3,068.78	8,548.74
Department Total:				\$8,548.74		

020 Physics

Arfaei, Mr. Babak	National Science Foundation	Mechanisms of Cyclic Loading Induced Microstructure Evolution and Damage in High-Sn Alloys	50	31,415.35	13,724.29	45,139.64
Cotts, Dr. Eric	Universal Instruments Corporation	The Reliability of Cu Pillar Solder Joints - New Glass Interposers	100	5,661.27	1,471.93	7,133.20
Cotts, Dr. Eric	Universal Instruments Corporation	Thermo-Mechanical Reliability of Different High Temperature Solder Joints	100	5,011.80	1,303.07	6,314.87
Cotts, Dr. Eric	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	12,351.00	0.00	12,351.00
Cotts, Dr. Eric	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	789.75	434.36	1,224.11

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Cotts, Dr. Eric	Universal Instruments Corporation	Effect of Variation in Processing Parameters of Pb Free Solder Joints on Mechanical Behavior of Solder Bumps in Isothermal Shear Fatigue Test - Physics Dept. Research Support - Agreement # 16062577	100	1,421.06	369.47	1,790.53
Kolmogorov, Dr. Alexey	National Science Foundation	A Machine Learning Framework for Acceleration Materials Prediction	100	51,415.84	27,520.81	78,936.65
Lawler, Dr. Michael	US Navy Office of Naval Research	Stability Study of the Pyrochlore Iridate Metal-Insulator Transition	100	47,908.78	20,451.99	68,360.77
Levy, Dr. Stephen	National Science Foundation	CAREER: DNA Transport Through Carbon Nanotubes	100	21,930.69	11,065.28	32,995.97
Mativetsky, Dr. Jeffrey	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	4,918.17	2,704.99	7,623.16
Mativetsky, Dr. Jeffrey	National Science Foundation	Ambient Processing and Patterning of Graphene Oxide Across Multiple Length Scales	100	31,218.41	16,920.98	48,139.39
Mativetsky, Dr. Jeffrey	National Science Foundation	CAREER: Charge Photogeneration and Transport in Organic Semiconductor Nanowires	100	54,221.82	29,064.10	83,285.92
Piper, Dr. Louis	US Department of Energy	Northeast Center for Chemical Energy Storage(NECCES)	100	85,250.33	46,825.92	132,076.25
Piper, Dr. Louis	National Science Foundation	DMREF: Collaborative Research: A Blueprint for Photocatalytic Water Splitting: Mapping Multidimensional Compositional Space to Simultaneously Optimize Thermodynamics and Kinetics	100	3,945.54	2,209.50	6,155.04
Piper, Dr. Louis	National Science Foundation	Disentangling the structural and electronic phase transitions in ultrathin vanadium dioxide	100	25,199.96	13,610.82	38,810.78

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Piper, Dr. Louis	American Chemical Society	Elucidating the Electronics Structure and Chemistry of Layered Vanadium Oxides for Next-Generation Energy Storage	100	4,733.80	0.00	4,733.80
Piper, Dr. Louis	National Renewable Energy Laboratory	Roll-To-Roll Processing Of Transparent Conductive Oxide Coatings For The Solar Energy Research Institute For India And The United States	50	5,918.95	2,507.97	8,426.92
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	2,809.52	0.00	2,809.52
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	114.75	0.00	114.75
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	2,809.52	0.00	2,809.52
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	461.65	0.00	461.65
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	2,809.52	0.00	2,809.52
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	1,162.64	0.00	1,162.64
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	454.11	0.00	454.11
Department Total:				\$594,119.72		

020 Psychology

Bishop, Dr. Christopher	Howard Hughes Medical Institute	Howard Hughes Support - Freshman Research Immersion (FRI) Models	50	73,647.54	0.00	73,647.54
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<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Bishop, Dr. Christopher	PsychoGenics Incorporated	Training and consulting agreement	100	5,279.52	2,956.53	8,236.05
Bishop, Dr. Christopher	Melior Pharmaceuticals Incorporated	Testing Agreement	100	1,206.87	663.77	1,870.64
Cameron, Dr. Nicole M	National Institute for Alcohol Abuse & Alcoholism	Transgenerational effect of gestational ethanol exposure	100	102,488.72	55,433.79	157,922.51
Cameron, Dr. Nicole M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	100	7,904.38	4,347.41	12,251.79
Coles, Dr. Meredith	Multiple Sponsors	Income from Services of Binghamton Anxiety Clinic	100	2,490.61	373.59	2,864.20
Deak, Dr. Terrence	National Institute on Aging	Neuroinflammation and Social Behavior Across the Lifespan (Years2-5)	90	141,131.32	75,666.74	216,798.06
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	100	122,469.57	0.00	122,469.57
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	100	43,120.38	23,715.06	66,835.44
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	50	11,604.28	6,382.36	17,986.63
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	50	20,457.42	11,251.58	31,709.00
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	48,606.14	27,219.44	75,825.58
Di Lorenzo, Dr. Patricia M	National Institute of General Medical Sciences	SUNY Upstate Bridges to the Baccalaureate Program	50	4,500.00	360.00	4,860.00

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Di Lorenzo, Dr. Patricia M	University of Georgia	Vagal Influence on Brainstem Plasticity and Nueral Coding of Taste	100	97,894.73	53,842.10	151,736.83
Di Lorenzo, Dr. Patricia M	National Institute of General Medical Sciences	SUNY Upstate Bridges to the Baccalaureate Program	50	55,405.52	4,432.44	59,837.96
Di Lorenzo, Dr. Patricia M	National Inst on Deafness & Other Comm Disorders	Temporal Coding in the Gustatory System of the Brain	100	26,126.79	13,623.66	39,750.45
Di Lorenzo, Dr. Patricia M	National Inst on Deafness & Other Comm Disorders	Temporal Coding in the Gustatory System of the Brain	100	43,148.53	24,163.18	67,311.71
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	100	11,164.00	6,140.20	17,304.20
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	7,485.46	4,191.86	11,677.32
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Role of BLA kappa opioid receptors in adolescent anxiety and ethanol consumption	100	3,825.05	2,142.03	5,967.08
Fitzwater, Ms. Tamara	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	100	1,637.65	900.71	2,538.36
Gerhardstein, Dr. Peter C	National Science Foundation	Collaborative Research: Transfer of Learning from Touchscreens During Early Childhood	100	2,128.83	1,128.28	3,257.11
Gibb, Dr. Brandon E	ARK Psychology LLC	2017 Clinical Placement	100	2,510.30	0.00	2,510.30
Gibb, Dr. Brandon E	National Institute of Mental Health	Children's Attentional Biases: A Key Component of Negative Valence Systems	100	155,883.02	-27,147.13	128,735.89
Gibb, Dr. Brandon E	National Institute of Mental Health	Children's Attentional Biases: A Key Component of Negative Valence Systems	100	15,746.70	8,660.68	24,407.38

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Gibb, Dr. Brandon E	National Institute of Mental Health	Children's Attentional Biases: A Key Component of Negative Valence Systems	100	297.84	163.81	461.65
Gibb, Dr. Brandon E	Childrens Home of Wyoming Conference	Clinical Psychology Community Practicum Trainee Program: 2016-2017 Clinical Placements	100	26,079.49	0.00	26,079.49
Jentsch, Dr. James David	Jackson Laboratory	Center for Systems Neurogenetics of Addiction Prime#P50DA039841-01A1	100	6,729.83	3,768.70	10,498.53
Jentsch, Dr. James David	Regents of the University of California	Genetic Mechanisms in Klinefelter Syndrome-Related Behaviors	100	15,956.11	8,775.86	24,731.97
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	11,307.06	6,331.95	17,639.01
Jentsch, Dr. James David	National Institute on Drug Abuse	Genetic influences on inhibitory control and cocaine sensitivity	100	157,230.56	86,476.80	243,707.36
Kurtz, Dr. Kenneth J	US Department of Education	Enhancing Learning and Transfer of Science Principles via Category Construction	100	66,199.05	9,292.12	75,491.17
Laszlo, Dr. Sarah	National Science Foundation	CAREER: Neural Computational Analysis of Reading (and Reading Impiarment) in Individuals	100	0.00	3.29	3.29
Laszlo, Dr. Sarah	National Science Foundation	TWC SBE: Small: Collaborative Brain Password: Exploring A Psychophysiological Approach for Secure User Authentication	50	14,705.62	7,833.72	22,539.34
Laszlo, Dr. Sarah	National Science Foundation	TWC SBE: Small: Collaborative Brain Password: Exploring A Psychophysiological Approach for Secure User Authentication	50	5,850.75	0.00	5,850.75
Laszlo, Dr. Sarah	National Science Foundation	CAREER:Neural-Computational Analysis of Reading(and Reading Impairment) in Individuals	100	37,671.05	20,719.07	58,390.12

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Laszlo, Dr. Sarah	National Science Foundation	CAREER:Neural-Computational Analysis of Reading(and Reading Impairment) in Individuals	100	6,500.00	0.00	6,500.00
Laszlo, Dr. Sarah	National Science Foundation	TWC SBE: Medium Collaborative: Brain Hacking: Assessing Psychological and Computational Vulnerabilities in Brain-based Biometrics	50	24,218.04	11,114.52	35,332.56
Mattson, Ms. Jennifer	NYS Education Department	CARD Albany and NYS Regional Center(s) for Autism Spectrum Disorders	100	11.55	0.92	12.47
Miskovic, Dr. Vladimir	National Institute of Mental Health	The Impact of Anxiety on Neurobehavioral Correlates of Conditioned Fear Generalization	100	19,371.33	10,654.23	30,025.56
Miskovic, Dr. Vladimir	Tal Medical Incorporated	Pilot test of LFMS on neural dynamics	100	1,024.01	573.45	1,597.46
Romanczyk, Dr. Raymond	Multiple Sponsors	Children's Unit for Treatment and Evaluation 2016-2017	100	1,107,056.61	166,058.49	1,273,115.10
Romanczyk, Dr. Raymond	Multiple Sponsors	Childrens Unit for Learning Disabilities Income Account	100	519.85	77.97	597.82
Romanczyk, Dr. Raymond	Multiple Sponsors	Support of the ICD Infrastructure	100	-5,285.00	-792.75	-6,077.75
Romanczyk, Dr. Raymond	Multiple Sponsors	Children's Unit Special Programs/ Institute for Child Development	100	10,730.54	1,609.58	12,340.12
Romanczyk, Dr. Raymond	Multiple Sponsors	Early Intervention Income	100	23,290.80	3,493.62	26,784.42
Romanczyk, Dr. Raymond	Multiple Sponsors	Children's Unit for Treatment and Evaluation 2015-2016	100	20,852.12	3,127.81	23,979.93

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Romanczyk, Dr. Raymond	Multiple Sponsors	Children's Unit for Treatment and Evaluation 2015-2016	100	6,887.89	1,033.19	7,921.08
Romanczyk, Dr. Raymond	Multiple Sponsors	School District Income for SEDCAR/IDEA Funding	100	21,526.52	1,722.12	23,248.64
Romanczyk, Dr. Raymond	Multiple Sponsors	Children's Unit for Treatment and Evaluation 2016-2017	100	591,995.33	88,799.30	680,794.63
Savage, Dr. Lisa M	National Institute of General Medical Sciences	SUNY Upstate Bridges to the Baccalaureate Program	50	4,500.00	360.00	4,860.00
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Cortical Biobehavioral Disruption after Thiamine Deficiency and Chronic Alcohol (Years2-5)	100	124,445.24	68,444.88	192,890.12
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Cortical Biobehavioral Disruption after Thiamine Deficiency and Chronic Alcohol (Years2-5)	100	40,393.08	22,216.19	62,609.27
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Cortical Biobehavioral Disruption after Thiamine Deficiency and Chronic Alcohol (Years2-5)	100	13,448.10	7,530.94	20,979.04
Savage, Dr. Lisa M	National Inst of Neurological Disorders & Stroke	Exercise Recovers Cholinergic Dysfunction through Neurotrophin Modulation	100	14,156.75	7,786.21	21,942.96
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	100	14,629.91	8,046.45	22,676.36
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	100	9,679.57	5,323.45	15,003.02
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	8,517.34	4,769.71	13,287.05

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	10,101.71	5,656.96	15,758.67
Savage, Dr. Lisa M	National Institute of General Medical Sciences	SUNY Upstate Bridges to the Baccalaureate Program	50	55,405.52	4,432.44	59,837.96
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	19,163.29	10,731.44	29,894.73
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	76,643.28	0.00	76,643.28
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent alcohol: exposure timing, sex differences and neural contributors to persistent anxiety and adolescent phenotypes	60	33,403.23	18,371.78	51,775.01
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	50	20,457.42	11,251.58	31,709.00
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	50	11,604.28	6,382.36	17,986.63
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent alcohol: exposure timing, sex differences and neural contributors to persistent anxiety and adolescent phenotypes	60	61,438.78	33,791.33	95,230.11
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	85,303.11	47,769.74	133,072.85
Strauss, Dr. Gregory	American Psychological Foundation	2015 David Wechsler Early Career Grant for Innovative Work in Cognition	100	12,908.12	0.00	12,908.12
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent alcohol: exposure timing, sex differences and neural contributors to persistent anxiety and adolescent phenotypes	20	20,479.59	11,263.78	31,743.37

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Varlinskaia, Dr. Elena I	National Institute on Aging	Neuroinflammation and Social Behavior Across the Lifespan (Years2-5)	10	15,681.26	8,407.42	24,088.67
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2015/2016	100	27,242.89	9,863.00	37,105.89
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent alcohol: exposure timing, sex differences and neural contributors to persistent anxiety and adolescent phenotypes	20	11,134.41	6,123.93	17,258.34
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	53,594.66	23,298.02	76,892.68
Werner, Dr. David F.	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent alcohol: exposure timing, sex differences and neural contributors to persistent anxiety and adolescent phenotypes	20	20,479.59	11,263.78	31,743.37
Werner, Dr. David F.	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent alcohol: exposure timing, sex differences and neural contributors to persistent anxiety and adolescent phenotypes	20	11,134.41	6,123.93	17,258.34
Werner, Dr. David F.	Scripps Research Institute	Investigation of a select pro-inflammatory pathways contribution to heightened adolescent alcohol intake - FAIN No. U01AA013517	100	8,001.55	4,400.85	12,402.40
Department Total:				\$5,037,433.52		
020 Public Archaeology Facility						
Jacobson, Dr. Michael E	National Park Service	Newtown and Chemung Battlefields Preservation Planning Project	50	68.99	10.35	79.34
O'Donovan, Ms. Maria	Multiple Sponsors	Journal for the Council of Northeast Historical Archaeology	100	8.00	1.20	9.20
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	1,846.58	276.99	2,123.57

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Versaggi, Dr. Nina M	Mirabito Energy Products	Phase 1 Archaeological Survey, Mirabito Energy Project, Town of Lansing, Tompkins County, NY	100	156.37	23.46	179.83
Versaggi, Dr. Nina M	Newman Development Group of Vestal LLC	Phase 1B Archaeological Survey, 50 Front Street Project, Binghamton, NY	100	2,361.16	354.17	2,715.33
Versaggi, Dr. Nina M	C and S Engineering	PIN 3753.78 - South Street Reconstruction Phase II (Route 34): PIN 3950.54 ? South Street Corridor Enhancement Project	100	6,369.36	955.41	7,324.77
Versaggi, Dr. Nina M	C and S Engineering	Phase 1B Archaeological Survey, Springfield Development Project, Town of Springfield, Otsego County, NY	100	90.00	13.50	103.50
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	13,131.30	1,969.70	15,101.00
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	348.21	52.23	400.44
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	28,617.07	4,292.56	32,909.63
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	11,562.00	1,734.30	13,296.30
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	8,276.81	1,241.52	9,518.33
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	29,932.63	4,489.89	34,422.52
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	4,760.00	714.00	5,474.00
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	4,012.80	601.92	4,614.72

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Versaggi, Dr. Nina M	Maser Consulting P.A.	NY 306 Sidewalk Project, Town of Ramapo, Rockland County, NY PIN 8761.31	100	7,732.51	1,159.88	8,892.39
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	173.50	26.03	199.53
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	984.90	147.74	1,132.64
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	159.48	23.92	183.40
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	1,944.85	291.72	2,236.57
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	1,306.45	195.97	1,502.42
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	2,081.61	312.24	2,393.85
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	37,160.69	5,574.10	42,734.79
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	29,314.19	4,397.13	33,711.32
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	3,807.73	571.16	4,378.89
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	7,049.25	1,057.39	8,106.64
Versaggi, Dr. Nina M	Smith Sand and Gravel	Phase 1 Archaeological Survey, Smith-Davis Pit Expansion Project, Town of Marcellus, Onondaga County, NY	100	499.42	74.91	574.33

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	10,533.41	1,580.01	12,113.42
Versaggi, Dr. Nina M	Howlett Hill Associates LLC	Phase 1: Cultural Resource Survey-Option 1 (Surface Survey following Plow/Disk of parcel with small sample of 6-10 STPs), Hallinan Meadows Subdivision Project, Town of Onondaga, Onondaga County, NY	100	3,999.00	599.85	4,598.85
Versaggi, Dr. Nina M	LaBella Associates	Service Order #7: Phase 1 Archaeological Survey (FIRE TRAINING SITE), Schoharie County Jail Project, Schoharie County, NY	100	5,975.01	896.25	6,871.26
Versaggi, Dr. Nina M	LaBella Associates	Service Order #6: Phase 1 Archaeological Survey (ZICHA ROAD SITE), Schoharie County Jail Project, Schoharie County, NY	100	316.46	47.47	363.93
Versaggi, Dr. Nina M	C and S Engineering	CRS (FCC 620), Broome County, NY 911 Projects: Twist Run Road, Town of Union, Broome County, NY	100	1,096.32	164.45	1,260.77
Versaggi, Dr. Nina M	QPK Designs	Phase 1 Archaeological Survey, Collamer Dig Safely Project, Town of Dewitt, Onondaga County, NY	100	2,593.70	389.06	2,982.76
Versaggi, Dr. Nina M	Larson Design Group	Phase 1 Archaeological Survey, Tioga County Country Club Project, Village of Nichols and Town of Nichols, Tioga County, NY	100	2,032.09	304.81	2,336.90
Versaggi, Dr. Nina M	Hanover Engineering Associates	Phase 1 Archaeological Survey, Renovo Natural Gas Pipeline Project, Renovo Borough, Chapmand and Noyes Townships, Clinton County, PA	100	6,493.43	974.01	7,467.44
Versaggi, Dr. Nina M	Village of Cooperstown	Phase 1 Archaeological Survey, Village of Cooperstown WWTP Upgrade Project, Town of Otsego, Otsego County, NY	100	2,142.71	321.41	2,464.12
Versaggi, Dr. Nina M	Hanover Engineering Associates	Phase 1 Archaeological Survey, Renovo Natural Gas Pipeline Project, Renovo Borough, Chapman and Noyes Townships, Clinton County, PA Project# REC-1001-01-10	100	12,988.93	1,948.34	14,937.27

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Versaggi, Dr. Nina M	C and S Engineering	CRS (FCC 620), Oneida County, NY 911 Projects: (Burrstone Road, Utica, Oneida County)	100	1,570.11	235.52	1,805.63
Versaggi, Dr. Nina M	Vernon-Verona-Sherrill Central School District	Phase 1 Archaeological Survey, Vernon-Verona-Sherrill CSD Project, Town of Verona, Oneida County, NY	100	4,842.71	756.29	5,599.00
Versaggi, Dr. Nina M	C and S Engineering	Cultural Resource Screening (FCC 620), Oneida County, New York 911 Project, Hardscrabble Road in Cassville, Oneida County	100	1,845.93	276.89	2,122.82
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	4,050.84	607.63	4,658.47
Versaggi, Dr. Nina M	Nelcorp Properties LLC	Phase 1 CRS Marshland Trail Estates Project, Town of Owego, Tioga County, NY	100	1,473.88	221.08	1,694.96
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	25,168.09	3,775.21	28,943.30
Versaggi, Dr. Nina M	Hanover Engineering Associates	Phase 1 Archaeological Survey, Sweden Valley Pipeline Connector Project, Summit and Sweden Township, Potter County, PA (16-007 HEA JKLM-1003)	100	3,279.63	491.94	3,771.57
Versaggi, Dr. Nina M	Hanover Engineering Associates	Phase 1 Archaeological Survey, MY TB Investments 6076 Pipeline Project Deerfield Township, Tioga County, PA - ER-1241 (ARCH2)	100	2,964.55	444.68	3,409.23
Versaggi, Dr. Nina M	Stantec Consulting Services Inc	Saranac River Trail Phase 2 - Historic American Engineering Record (HAER), Saranac Street Bridge Project, City of Plattsburgh, Clinton County, NY	100	7,197.53	1,079.63	8,277.16
Versaggi, Dr. Nina M	C and S Engineering	Cultural Resource Screening (FCC 620), Oneida County, New York 911 Projects: (Higby Road in New Hartford and West Erie Blvd in Rome)	100	2,222.64	333.40	2,556.04
Versaggi, Dr. Nina M	C and S Engineering	Phase 1A Archaeological Assessment, Port of Oswego Authority - Shoreline Usage Facilities and Development Project, City of Oswego, Oswego County, NY	100	2,210.63	331.59	2,542.22

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Versaggi, Dr. Nina M	C and S Engineering	Springfield Development Project, Phase 2 Site Exam/Phase 3 Data Recovery of the Beaver Cross Site (Locus 1), Town of Springfield, Otsego County, NY	100	30,570.74	4,585.61	35,156.35
Versaggi, Dr. Nina M	LaBella Associates	Service Order #5: Phase 1B Archaeological Survey (Revises Utility Corridor), Schoharie County Public Safety Project, Schoharie County, NY	100	4,913.68	737.05	5,650.73
Versaggi, Dr. Nina M	Eagle Creek Renewable Energy	Architectural Assessment of Facilities, Beaver Falls Hydroelectric Relicensing Project, Towns of New Breman and Croghan, Lewis County, NY	100	7,245.95	1,086.89	8,332.84
Versaggi, Dr. Nina M	BCK IBI Group	Combined Phase 1A/Phase 1B Cultural Resource Survey, DCMO BOCES Septic System Reconstruction Project (16PR04330), Town of North Norwich, Chenango County, New York	100	1,885.36	282.80	2,168.16
Versaggi, Dr. Nina M	Sage Engineering Associates	Phase 1 Architectural Survey, Kesselring Project (Addendum 2 to TOA-313 Item 5), Towns of Milton and Galway, Saratoga County, NY	100	4,573.97	686.10	5,260.07
Versaggi, Dr. Nina M	Bragman Companies	Phase 1 CRS - Option 1 (Surface Survey following Plow/Disk of parcel with 138-195 STPs), Skyland Meadow Farms Extension Project, Town of Onondaga, Onondaga County, New York	100	9,857.78	1,478.67	11,336.45
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	15.00	15.00
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	15.00	15.00
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	15.00	15.00
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50

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Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	15.00	15.00
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	15.00	15.00
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	15.00	15.00
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	14.25	14.25
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	22.50	22.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	6.00	6.00
Versaggi, Dr. Nina M	Owego Apalachin Central School District	Phase 3 Archaeological Data Recovery, Owego Free Academy Prehistoric Site, Owego Apalachin Maintenance Building (Monkey Run Parcel)	100	27,053.27	4,057.99	31,111.26
Versaggi, Dr. Nina M	NYS Division of Homeland Security and Emergency Management Services	The NYS Early Warning Weather Detection System	100	13,819.48	0.00	13,819.48
Versaggi, Dr. Nina M	National Park Service	Newtown and Chemung Battlefields Preservation Planning Project	50	68.99	10.35	79.34
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	42,169.84	6,325.48	48,495.32
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	6.00	6.00

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	150.00	22.50	172.50
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	25,418.80	3,812.82	29,231.62
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	6,788.97	1,018.34	7,807.31
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	5,596.31	839.45	6,435.76
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	13.32	2.00	15.32
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	68,721.32	10,308.20	79,029.52
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	14,213.94	2,132.09	16,346.03
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	2,920.50	438.08	3,358.58
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	10,063.27	1,509.49	11,572.76
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	7,148.59	1,072.29	8,220.88
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	4,270.57	640.58	4,911.15
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	4,183.09	627.46	4,810.55

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	15.00	15.00
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	476.00	71.40	547.40
Versaggi, Dr. Nina M	Civil War Trust	Revolutionary War and War of 1812 Preservation Mapping Project	100	53,894.56	8,084.19	61,978.75
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	7.50	7.50
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	73.50	73.50
Versaggi, Dr. Nina M	Mission First Housing Group	Wyalusing Meadows Project (ER#2014-5233-015-A) Phase 3 Data Recovery of the Prehistoric Burgess Site	100	47,402.69	7,110.40	54,513.09
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	18,910.82	2,836.63	21,747.45
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	45,701.69	6,855.26	52,556.95
Versaggi, Dr. Nina M	Multiple Sponsors	Miscellaneous Income from PAF Activities	100	9,103.67	1,365.55	10,469.22
Versaggi, Dr. Nina M	F.S. Lopke Contracting Incorporated	Phase 2 Site Examination, Ayers 1 and Ayers 3 precontact sites, Ayers/Brink Mine Project, Town of Tioga, Tioga County, NY	100	2,789.84	418.48	3,208.32
Versaggi, Dr. Nina M	C and S Engineering	Oneida Rail Trail Project (PIN 2650.45 and 2650.48), Phase 1 Cultural Resource Survey	100	37.10	5.57	42.67

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Versaggi, Dr. Nina M	Sage Engineering Associates	Preparation of Revised Reports (Phase 1 Architecture and Phase 1A Archaeological Assessment and preparation of Cultural Resource Management Plan and involvement with NY SHPO for a Programmatic Agreement for the Niskayuna Knolls Site	100	10,057.57	1,508.63	11,566.20
Versaggi, Dr. Nina M	NYS Education Department	C010915 2016/2017 Administrative Task 1001	100	160,480.02	24,072.00	184,552.02
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	8,203.22	1,230.48	9,433.70
Versaggi, Dr. Nina M	Sage Engineering Associates	Phase 1B Archaeological Survey, Kesselring Road Project (TOA-312), Town of Milton, Saratoga County, New York	100	347.72	52.15	399.87
Department Total:				\$1,099,766.23		

020 Research VP

Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	6,814.63	3,070.55	9,885.18
Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	2,662.68	1,464.47	4,127.15
Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	28,926.75	0.00	28,926.75
Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	-116.40	0.00	-116.40
Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	983.40	0.00	983.40
Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	3,331.20	64.02	3,395.22

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	10,961.97	354.16	11,316.12
Sammakia, Dr. Bahgat G	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	50	740.89	476.54	1,217.43
Sammakia, Dr. Bahgat G	NYS Energy Research and Development Authority	Effectiveness, Efficiency, and Integrated Improvements of Warm Water Direct Liquid Cooling Systems Agreement 41201	50	32,183.44	9,060.07	41,243.51
Sammakia, Dr. Bahgat G	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	50	127,357.48	29,304.78	156,662.26
Westgate, Dr. Charles R.	National Science Foundation	REU Site: Renewable Energy Generation and Storage	50	6,442.93	0.00	6,442.93
Department Total:				\$264,083.52		

020 School Of Education

Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	1,424.98	114.00	1,538.98
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	8,961.24	716.90	9,678.14
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	28,789.19	2,303.14	31,092.33
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	200.00	16.00	216.00
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	87,074.09	5,440.25	92,514.34

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	1,535.75	122.86	1,658.61
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	11,283.68	902.70	12,186.37
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	1,161.06	92.89	1,253.95
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	5,140.80	411.27	5,552.06
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	5,140.80	411.27	5,552.06
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	1,161.06	92.89	1,253.95
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	8,961.24	716.90	9,678.14
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	1,424.98	114.00	1,538.98
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	200.00	16.00	216.00
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	87,074.09	5,440.25	92,514.34

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	1,535.75	122.86	1,658.61
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	11,283.68	902.70	12,186.37
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	28,789.19	2,303.14	31,092.33
Humphrey, Ms. Amy L.	NYS Education Department	2015-2016 Liberty Partnership Program	100	4,832.59	386.61	5,219.20
Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partnership Program 2016-2017	100	4,563.26	365.06	4,928.32
Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partnership Program 2016-2017	100	8,105.18	648.41	8,753.59
Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partnership Program 2016-2017	100	2,735.29	218.82	2,954.11
Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partnership Program 2016-2017	100	153,121.55	12,249.72	165,371.27
Humphrey, Ms. Amy L.	NYS Education Department	2015-2016 Liberty Partnership Program	100	6,511.31	520.91	7,032.22
Humphrey, Ms. Amy L.	NYS Education Department	2015-2016 Liberty Partnership Program	100	7,969.25	637.53	8,606.78
Humphrey, Ms. Amy L.	NYS Education Department	2015-2016 Liberty Partnership Program	100	55,250.89	4,420.07	59,670.96

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Humphrey, Ms. Amy L.	Multiple Sponsors	Miscellaneous Income - Liberty Partnership Program	100	27,907.73	2,232.62	30,140.35
Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partership Program 2016-2017	100	20,255.27	1,620.42	21,875.69
Humphrey, Ms. Amy L.	NYS Education Department	2015-2016 Liberty Partnership Program	100	6,497.56	519.80	7,017.36
Malin, Dr. Jo E.	US Department of Education	Talent Search Program 2015/2016	100	55,694.41	4,455.55	60,149.96
Malin, Dr. Jo E.	US Department of Education	Talent Search 2016-2021	100	126,071.75	10,085.74	136,157.49
Rozalski, Dr. Michael E.	NEA Foundation	Improving School Communities Through Crisis Interventiona nd Bullying Prevention	100	2,000.00	0.00	2,000.00
Department Total:				\$831,258.84		
020 School Of Management						
Cui, Dr. Leon	Adobe Systems Incorporated	Unrestricted Research Support	100	1,621.42	243.21	1,864.63
Dhillon, Dr. Upinder	Pricewaterhouse Coopers LLP	Diversity Initiative	10	570.00	0.00	570.00
Dhillon, Dr. Upinder	Multiple Sponsors	Award for School of Management Personnel Costs	100	13,187.16	1,978.07	15,165.23
Reiter, Dr. Sara A	Pricewaterhouse Coopers LLP	Diversity Initiative	90	5,129.98	0.00	5,129.98
Yammarino, Dr. Francis J	Multiple Sponsors	Miscellaneous Income - Fran Yammarino	100	31,757.49	4,763.62	36,521.11

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Yebba, Dr. Alfred	NYS Office of the State Comptroller	Audit Review Contract	100	177.95	97.87	275.82
Department Total:				\$59,526.77		
020 School of Nursing						
Begdache, Ms. Lina A	Academy of Nutrition and Dietetics	Association Between Single Nucleotide Polymorphisms in the One Carbon Metabolism and ALS	50	358.98	0.00	358.98
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	8,413.78	673.10	9,086.88
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	1,502.42	120.20	1,622.61
Bryant, Dr. Sharon A	NYS Education Department	Collegiate Science and Technology Entry Program 2016-2017	100	9,982.91	798.63	10,781.54
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	2,609.80	161.17	2,770.97
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2015-2020	50	128.18	10.25	138.43
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2015-2020	50	2,426.00	194.08	2,620.08
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2015-2020	50	751.29	60.11	811.40
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2015-2020	50	2,785.39	-161.99	2,623.40
Ferrario, Dr. Joyce A	Health Resources and Services Admin	Advanced Education Nursing Traineeship	100	22,080.96	1,114.16	23,195.12

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Fronczek, Ms. Ann	Regional Economic Development and Energy Corporation of the Southern Tier Central Region (REDEC)	Southern Tier Telemedicine and Mobile Health Research Development and Training Center	50	119,271.86	0.00	119,271.86
Muscari, Dr. Mary	Health Resources and Services Admin	Behavioral Health Workforce Education and Training for Professionals and Paraprofessionals	100	7,128.94	570.31	7,699.25
Muscari, Dr. Mary	Health Resources and Services Admin	Behavioral Health Workforce Education and Training for Professionals and Paraprofessionals	100	70,000.00	5,600.00	75,600.00
Ortiz, Dr. Mario	Multiple Sponsors	School of Nursing Miscellaneous Income	100	446.98	67.05	514.03
Rouhana, Ms. Nicole A.	Health Resources and Services Admin	Advanced Education Nursing Traineeship	100	197,389.63	10,029.01	207,418.64
Department Total:				\$464,513.16		
020 Small Business Dev Center						
Layman, Ms. Rochelle	Small Business Administration	Federal and State Technology (FAST) Partnership Program 2015/2016	100	38,151.74	4,578.21	42,729.95
Layman, Ms. Rochelle	Small Business Administration	Small Business Development Centers 2015/2016	100	3,493.89	419.27	3,913.16
Layman, Ms. Rochelle	Small Business Administration	Small Business Development Center 2016/2017	100	2,092.07	251.05	2,343.12
Layman, Ms. Rochelle	Housing Trust Fund Corporation	Hurricane Sandy NYSESD Relief Program	100	334.82	46.87	381.69
Layman, Ms. Rochelle	Small Business Administration	Federal and State Technology Partnership Program (FAST)	100	200.00	24.00	224.00

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Layman, Ms. Rochelle	Multiple Sponsors	Program Income Account for SBDC Training Activities Associated with federal SBA funding	100	858.41	210.00	1,068.41
Layman, Ms. Rochelle	Multiple Sponsors	Miscellaneous Income- Small Business Development Center Activities	100	322.82	48.43	371.25
Layman, Ms. Rochelle	Empire State Development Corp	MWBE Contractor Bonding Preparedness Training and Technical Assistance Program	100	760.95	106.53	867.48

Department Total: \$51,899.06

020 Sociology

Lee, Dr. Richard E	Multiple Sponsors	Income for Fernand Braudel Center Activities	100	18,801.50	2,820.23	21,621.73
Department Total:				\$21,621.73		

020 Student Affairs V P

Wygman, Ms. Martha S.	US Department of Education	2016-2021 Student Support Services Program	100	135,252.59	10,820.21	146,072.80
Wygman, Ms. Martha S.	US Department of Education	2016-2021 Student Support Services Program	100	21,000.00	0.00	21,000.00
Wygman, Ms. Martha S.	US Department of Education	2015/2016 Student Support Services Program	100	62,835.19	5,026.82	67,862.01
Wygman, Ms. Martha S.	US Department of Education	2015/2017 Binghamton University Upward Bound Rural Program	100	30,949.71	0.00	30,949.71
Wygman, Ms. Martha S.	US Department of Education	SSS-STEM Program at Binghamton University	100	1,800.00	0.00	1,800.00
Wygman, Ms. Martha S.	US Department of Education	SSS-STEM Program at Binghamton University	100	126,624.56	10,129.96	136,754.52

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Wygmans, Ms. Martha S.	US Department of Education	2015/2016 Binghamton University Upward Bound Program	100	326,107.06	26,088.57	352,195.63
Wygmans, Ms. Martha S.	US Department of Education	2015/2016 Binghamton University Upward Bound Program	100	59,665.15	0.00	59,665.15
Wygmans, Ms. Martha S.	US Department of Education	2015/2017 Binghamton University Upward Bound Rural Program	100	100,695.82	8,055.67	108,751.49
Department Total:				\$925,051.31		
020 Systems Science and Indust Eng (SSIE)						
Borgesen, Mr. Peter	National Science Foundation	Mechanisms of Cyclic Loading Induced Microstructure Evolution and Damage in High-Sn Alloys	50	31,415.35	13,724.29	45,139.64
Chung, Dr. Sunghoon	Research Foundation of City University of New York	Adaptive Vehicle Routing for Evacuation under Uncertainty	100	367.53	205.82	573.35
Chung, Dr. Sunghoon	Toyota Material Handling North America	Applying Location Based Informatics, Simulation and Optimization Methods to Forklift Driver Behavior, Congestion, and Wireless Charging Studies	50	2,654.18	1,486.34	4,140.52
Chung, Dr. Sunghoon	Bennett Distribution Services Limited Liability Corporation	Transportation Management System (TMS) Implementation and Optimization for Sequential Loads	33	10,713.63	2,266.07	12,979.70
Chung, Dr. Sunghoon	Research Foundation of City University of New York	Disaster Relief Vehicle Routing Under Uncertainty	100	2,313.70	1,272.53	3,586.23
Greene, Dr. Christopher M	Smart Modular Technologies Inc	Research and Development for Complex Surface Mount Devices	50	7,816.56	1,912.06	9,728.61
Khasawneh, Dr. Mohammad	Laufer Group International Limited	Review and Re-Engineering of Operations at Laufer Group International	50	6,573.35	1,709.07	8,282.42

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Khasawneh, Dr. Mohammad	United Health Services	Business Intelligence and Performance Improvement at UHS	50	19,289.99	5,015.40	24,305.39
Khasawneh, Dr. Mohammad	Christiana Care Health Services Incorporated	Organizational Excellence Support at Christiana Care	50	1,909.06	496.36	2,405.42
Khasawneh, Dr. Mohammad	Mount Sinai Medical Center	Continuous Performance Improvement Research and Implementation at Mount Sinai Medical Center	50	25,541.75	5,080.86	30,622.61
Khasawneh, Dr. Mohammad	Mount Sinai Medical Center	Continuous Performance Improvement Research and Implementation at Mount Sinai Medical Center	50	5,220.00	1,357.20	6,577.20
Khasawneh, Dr. Mohammad	Montefiore Hospital and Medical Center	Business Process Engineering Support for Network Management Systems (CMO) Amendment 12	50	6,593.49	1,714.31	8,307.79
Khasawneh, Dr. Mohammad	Mount Sinai Medical Center	Continuous Performance Improvement Research and Implementation at Mount Sinai Medical Center	50	23,747.88	6,174.45	29,922.33
Khasawneh, Dr. Mohammad	Montefiore Hospital and Medical Center	Care Management Organization (CMO) Funding for 'Business Process Engineering Support for Network Care Management Systems'	50	2,470.65	642.37	3,113.02
Khasawneh, Dr. Mohammad	United Health Services	Healthcare Performance Improvement and Business Intelligence Research and Development	50	32,896.00	8,553.16	41,449.16
Khasawneh, Dr. Mohammad	Cooper University Health Care	Redesign of Care Processes and Workflows to Facilitate the Implementation of a Customer Relationship Management System	50	10,475.55	1,943.64	12,419.19
Khasawneh, Dr. Mohammad	Montefiore Hospital and Medical Center	Improving the Efficiency and Effectiveness of Healthcare Delivery Amendments 10 and 13	50	8,993.00	1,905.28	10,898.28
Khasawneh, Dr. Mohammad	Albany Medical Center	Incorporating Simulation Tools into the LEAN Outpatient Clinic Project	50	4,101.07	1,066.28	5,167.35

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Khasawneh, Dr. Mohammad	Regional Economic Development and Energy Corporation of the Southern Tier Central Region (REDEC)	Southern Tier Telemedicine and Mobile Health Research Development and Training Center	50	119,271.86	0.00	119,271.86
Khasawneh, Dr. Mohammad	LiveOnNY	Performance Improvement of Clinical Practices & Operations Research	34	14,246.04	3,173.57	17,419.61
Khasawneh, Dr. Mohammad	Memorial Sloan Kettering Cancer Center	Improving Quality, Safety and Patient Flow	50	19,604.96	3,684.19	23,289.15
Lam, Dr. Sarah	IBM Corporation	Predictive Analytics and Modeling for Returned Machines	50	661.37	171.96	833.32
Lam, Dr. Sarah	IBM Corporation	Business Analytics and Systems Modeling for Server Manufacturing	50	11,783.89	2,163.57	13,947.45
Lam, Dr. Sarah	Zebra Technologies Enterprise Corporation	Development and Evaluation of Algorithms to Optimize Operational Efficiency at Carrier Facilities	50	4,992.73	1,298.11	6,290.84
Nagarur, Dr. Nagen	Sanmina Corporation	Research in Electronics Manufacturing	50	7,451.35	1,157.35	8,608.70
Nagarur, Dr. Nagen	SMTC Manufacturing Corporation	Research in Electronics Packaging Assembly and Manufacturing	50	36,700.47	6,422.12	43,122.59
Nagarur, Dr. Nagen	Sanmina Corporation	Quality Engineering Research in Electronics Packaging and Manufacturing	50	100.00	26.00	126.00
Poliks, Dr. Mark D	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	3,331.20	64.02	3,395.22
Poliks, Dr. Mark D	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	983.40	0.00	983.40

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Poliks, Dr. Mark D	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	-116.40	0.00	-116.40
Poliks, Dr. Mark D	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	10,961.97	354.16	11,316.12
Poliks, Dr. Mark D	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	2,662.68	1,464.47	4,127.15
Poliks, Dr. Mark D	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	6,814.63	3,070.55	9,885.18
Poliks, Dr. Mark D	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	28,926.75	0.00	28,926.75
Poliks, Dr. Mark D	Analog Devices	Critical materials, surfaces and interfaces for advanced packaging	100	12,607.60	6,934.18	19,541.78
Rao, Mr. Prahalada K	National Science Foundation	Biosensor Data Fusion for Real-time Monitoring of Global Neurophysiological Function	100	2,068.97	0.00	2,068.97
Santos, Dr. Daryl L	Analog Devices	Continuous Improvement in Microwave Electronics Packaging and Manufacturing	50	0.00	54.49	54.49
Santos, Dr. Daryl L	Analog Devices	Process Improvement in Packaging and Manufacturing of Microwave Electronics	50	7,421.46	1,399.57	8,821.03
Santos, Dr. Daryl L	Analog Devices	System in Package (SiP) Assembly Engineering Research and Development	50	10,722.24	2,007.78	12,730.02
Sayama, Dr. Hiroki	National Science Foundation	RI:Small: BCSP Robustness and Adaptation in Morphogenetic Collective Systems	100	33,092.06	17,691.89	50,783.95
Sayama, Dr. Hiroki	National Science Foundation	RI:Small: BCSP Robustness and Adaptation in Morphogenetic Collective Systems	100	500.00	0.00	500.00

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Sayama, Dr. Hiroki	Foundation of SUNY at Binghamton	Lois DeFleur Award to CoCo Research Group	100	3,043.07	0.00	3,043.07
Srihari, Dr. Krishnaswa	Montefiore Hospital and Medical Center	Business Process Engineering Support for Network Management Systems (CMO) Amendment 12	50	6,593.49	1,714.31	8,307.79
Srihari, Dr. Krishnaswa	Analog Devices	System in Package (SiP) Assembly Engineering Research and Development	50	10,722.24	2,007.78	12,730.02
Srihari, Dr. Krishnaswa	Raymond Corporation	Raymond Logistics Network Support and Optimization	50	3,850.28	1,001.07	4,851.35
Srihari, Dr. Krishnaswa	Memorial Sloan Kettering Cancer Center	Improving Quality, Safety and Patient Flow	50	19,604.96	3,684.19	23,289.15
Srihari, Dr. Krishnaswa	SMTC Manufacturing Corporation	Research in Electronics Packaging Assembly and Manufacturing	50	36,700.47	6,422.12	43,122.59
Srihari, Dr. Krishnaswa	Laufer Group International Limited	Review and Re-Engineering of Operations at Laufer Group International	50	6,573.35	1,709.07	8,282.42
Srihari, Dr. Krishnaswa	Sanmina Corporation	Quality Engineering Research in Electronics Packaging and Manufacturing	50	100.00	26.00	126.00
Srihari, Dr. Krishnaswa	Analog Devices	Process Improvement in Packaging and Manufacturing of Microwave Electronics	50	7,421.46	1,399.57	8,821.03
Srihari, Dr. Krishnaswa	Mount Sinai Medical Center	Continuous Performance Improvement Research and Implementation at Mount Sinai Medical Center	50	23,747.88	6,174.45	29,922.33
Srihari, Dr. Krishnaswa	Smart Modular Technologies Inc	Research and Development for Complex Surface Mount Devices	50	7,816.56	1,912.06	9,728.61

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Srihari, Dr. Krishnaswa	Mount Sinai Medical Center	Continuous Performance Improvement Research and Implementation at Mount Sinai Medical Center	50	5,220.00	1,357.20	6,577.20
Srihari, Dr. Krishnaswa	Mount Sinai Medical Center	Continuous Performance Improvement Research and Implementation at Mount Sinai Medical Center	50	25,541.75	5,080.86	30,622.61
Srihari, Dr. Krishnaswa	Christiana Care Health Services Incorporated	Organizational Excellence Support at Christiana Care	50	1,909.06	496.36	2,405.42
Srihari, Dr. Krishnaswa	Zebra Technologies Enterprise Corporation	Development and Evaluation of Algorithms to Optimize Operational Efficiency at Carrier Facilities	50	4,992.73	1,298.11	6,290.84
Srihari, Dr. Krishnaswa	United Health Services	Business Intelligence and Performance Improvement at UHS	50	19,289.99	5,015.40	24,305.39
Srihari, Dr. Krishnaswa	General Electric Global Research	Research in Radio Frequency and Power Packaging Technologies	100	7,391.76	3,556.72	10,948.48
Srihari, Dr. Krishnaswa	Zebra Technologies Enterprise Corporation	Development and Evaluation of Metrics and Algorithms to Measure and Operational Efficiency at Carrier Facilities	100	59,696.24	12,135.15	71,831.39
Srihari, Dr. Krishnaswa	Raymond Corporation	A Simulation Study of Warehouse Expansion at Raymond Corporation	50	14,512.07	2,872.89	17,384.96
Srihari, Dr. Krishnaswa	Sanmina Corporation	Research in Electronics Manufacturing	50	7,451.35	1,157.35	8,608.70
Srihari, Dr. Krishnaswa	Endicott Interconnects Technologies Inc	Continuous Improvement in an Electronics Manufacturing Enviroment	100	-68,111.35	-43,641.09	-111,752.44
Srihari, Dr. Krishnaswa	LiveOnNY	Performance Improvement of Clinical Practices & Operations Research	33	13,827.04	3,080.23	16,907.27

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Srihari, Dr. Krishnaswa	Analog Devices	Continuous Improvement in Microwave Electronics Packaging and Manufacturing	50	0.00	54.49	54.49
Srihari, Dr. Krishnaswa	Smart Modular Technologies Inc	Research in the Assembly of Complex Surface Mount Devices	100	6,103.76	1,586.98	7,690.74
Srihari, Dr. Krishnaswa	Endicott Interconnects Technologies Inc	Continuous Improvement in an Electronics Manufacturing Enviroment	100	-3,296.03	-856.97	-4,153.00
Srihari, Dr. Krishnaswa	Google Fiber	Research in Process Development and a Quality Management System	100	38,903.05	9,152.80	48,055.85
Srihari, Dr. Krishnaswa	Innovation Associates	Migrating Forms of Symphony Pharmacy Workflow System to .Net Platform (including Amendment One)	50	30,923.89	5,849.71	36,773.60
Srihari, Dr. Krishnaswa	Cooper University Health Care	Redesign of Care Processes and Workflows to Facilitate the Implementation of a Customer Relationship Management System	50	10,475.55	1,943.64	12,419.19
Srihari, Dr. Krishnaswa	IBM Corporation	Predictive Analytics and Modeling for Returned Machines	50	661.37	171.96	833.32
Srihari, Dr. Krishnaswa	IBM Corporation	Business Analytics and Sytems Modeling for Server Manufacturing	50	11,783.89	2,163.57	13,947.45
Srihari, Dr. Krishnaswa	Analog Devices General Trias Incorporated	Study of ADGT Dispatching Process Optimization and Automation	50	8,362.26	4,344.87	12,707.12
Srihari, Dr. Krishnaswa	Innovation Associates	Simulation Modeling, Reliability, and Data Analytics Study in Pharmacy Automation	50	38,197.45	6,811.34	45,008.79
Srihari, Dr. Krishnaswa	Bennett Distribution Services Limited Liability Corporation	Transportation Management System (TMS) Implementation and Optimization for Sequential Loads	33	10,745.81	2,272.87	13,018.68

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Srihari, Dr. Krishnaswa	Raymond Corporation	Simulation Modeling of Cross-Docking Operations in a Distribution Center	50	218.43	56.79	275.22
Yoon, Dr. Sangwon	Bennett Distribution Services Limited Liability Corporation	Transportation Management System (TMS) Implementation and Optimization for Sequential Loads	33	10,713.63	2,266.07	12,979.70
Yoon, Dr. Sangwon	Toyota Material Handling North America	Applying Location Based Informatics, Simulation and Optimization Methods to Forklift Driver Behavior, Congestion, and Wireless Charging Studies	50	2,654.18	1,486.34	4,140.52
Yoon, Dr. Sangwon	Raymond Corporation	A Simulation Study of Warehouse Expansion at Raymond Corporation	50	14,512.07	2,872.89	17,384.96
Yoon, Dr. Sangwon	Raymond Corporation	Raymond Logistics Network Support and Optimization	50	3,850.28	1,001.07	4,851.35
Yoon, Dr. Sangwon	Innovation Associates	Simulation Modeling, Reliability, and Data Analytics Study in Pharmacy Automation	50	38,197.45	6,811.34	45,008.79
Yoon, Dr. Sangwon	Analog Devices General Trias Incorporated	Study of ADGT Dispatching Process Optimization and Automation	50	8,362.26	4,344.87	12,707.12
Yoon, Dr. Sangwon	Innovation Associates	Migrating Forms of Symphony Pharmacy Workflow System to .Net Platform (including Amendment One)	50	30,923.89	5,849.71	36,773.60
Yoon, Dr. Sangwon	Raymond Corporation	Simulation Modeling of Cross-Docking Operations in a Distribution Center	50	218.43	56.79	275.22
Yoon, Dr. Sangwon	LiveOnNY	Performance Improvement of Clinical Practices & Operations Research	33	13,827.04	3,080.23	16,907.27
Department Total:				\$1,219,559.40		

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<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Ghose, Dr. Kanad	Corning Incorporated	Corning's Membership in the I/UCRC for Energy-Smart Electronic Systems	50	10,603.84	1,060.39	11,664.22
Ghose, Dr. Kanad	Xilinx	I/UCRC Membership - Xilinx, Inc.	50	2,257.66	225.77	2,483.42
Ghose, Dr. Kanad	IBM Corporation	I/UCRC Membership - IBM	50	134.41	13.44	147.85
Ghose, Dr. Kanad	Callsign Incorporated	ES2 Membership-Callsign Inc.	34	2,893.47	289.35	3,182.81
Ghose, Dr. Kanad	Future Facilities Incorporated	Future Facilities ES2 Membership	50	628.24	62.83	691.07
Ghose, Dr. Kanad	ExSys Technology Incorporated	I/UCRC	50	609.53	60.95	670.48
Ghose, Dr. Kanad	7x24 Exchange International	Support of the Center for Energy-Smart Electronic Systems (ES2)	100	6,013.19	601.32	6,614.51
Ghose, Dr. Kanad	Panduit Corporation	Panduit's Support of the NSF Collaborative Center I/UCRC in Energy-Efficient Systems	50	19,940.32	1,994.03	21,934.35
Ghose, Dr. Kanad	Bloomberg LP	Bloomberg's Support of the NSF Collaborative Center I/UCRC in Energy-Efficient Systems	50	745.21	74.52	819.73
Ghose, Dr. Kanad	Intel Corporation	Intel Membership in the I/UCRC ES2	50	0.84	0.08	0.92
Ghose, Dr. Kanad	Corning Incorporated	I/UCRC Membership- Corning Incorporated	50	5,488.10	548.81	6,036.91
Keesler, Ms. Janet	Iberdrola USA Foundation	Watson School Capstone Senior Capstone Design Experience	100	4,129.20	0.00	4,129.20

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2015-2020	50	2,785.39	-161.99	2,623.40
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	1,502.42	120.20	1,622.61
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	2,609.80	161.17	2,770.97
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	8,413.78	673.10	9,086.88
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2015-2020	50	2,426.00	194.08	2,620.08
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2015-2020	50	751.29	60.11	811.40
Kent, Ms. Shanise N.	National Science Foundation	2015-2017 SUNY LSAMP Bridge to the Doctorate at Binghamton University	100	250,217.56	0.00	250,217.56
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2015-2020	50	128.18	10.25	138.43
Meng, Dr. Weiyi	National Institute of Standards and Technology	FY 2016 Summer Undergraduate Research Fellowship PML-EE, CTL, ITL	100	12,617.50	0.00	12,617.50
Murray, Dr. Bruce T	Xilinx	I/UCRC Membership - Xilinx, Inc.	25	1,128.83	112.88	1,241.71
Murray, Dr. Bruce T	IBM Corporation	I/UCRC Membership - IBM	25	67.21	6.72	73.93
Murray, Dr. Bruce T	Future Facilities Incorporated	Future Facilities ES2 Membership	25	314.12	31.41	345.53

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Murray, Dr. Bruce T	Corning Incorporated	Corning's Membership in the I/UCRC for Energy-Smart Electronic Systems	25	5,301.92	530.19	5,832.11
Murray, Dr. Bruce T	Intel Corporation	Intel Membership in the I/UCRC ES2	25	0.42	0.04	0.46
Murray, Dr. Bruce T	Panduit Corporation	Panduit's Support of the NSF Collaborative Center I/UCRC in Energy-Efficient Systems	25	9,970.16	997.02	10,967.17
Murray, Dr. Bruce T	Bloomberg LP	Bloomberg's Support of the NSF Collaborative Center I/UCRC in Energy-Efficient Systems	25	372.60	37.26	409.86
Murray, Dr. Bruce T	Corning Incorporated	I/UCRC Membership- Corning Incorporated	25	2,744.05	274.41	3,018.46
Park, Dr. Seungbae	Sanmina Corporation	Sanmina's Participating Membership in the IEEC	100	1,278.90	255.78	1,534.68
Park, Dr. Seungbae	Xilinx	IEEC Membership 2015-2016 - Xilinx	100	1,342.09	268.42	1,610.51
Park, Dr. Seungbae	MACOM Technical Solutions Incorporated	IEEC Participating Membership 2015-2016 - M/A-COM Technical Solutions, Inc.	100	11.41	2.28	13.69
Park, Dr. Seungbae	Custom Electronics Incorporated	Custom Electronics Participating Membership in the IEEC	100	14,223.48	2,844.70	17,068.18
Park, Dr. Seungbae	Lockheed Martin Systems Integration Company	Lockheed Martin's Membership in the IEEC, 2016	100	28,228.70	5,645.74	33,874.44
Park, Dr. Seungbae	Prismark Partners LLC	Teardown Project September 1, 2015 to August 31, 2016	100	1,630.08	896.54	2,526.62
Park, Dr. Seungbae	Koh Young Technology Incorporated	Koh Young Technology's support of the IEEC	100	29,308.23	5,861.65	35,169.88

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Park, Dr. Seungbae	Advanced Semiconductor Engineering Incorporated	ASE's Membership in the IEEC, 2015-2017	100	25,569.65	5,113.93	30,683.58
Park, Dr. Seungbae	Raymond Corporation	IEEC Participating Membership 2015-2017 - Raymond Corp.	100	2,122.31	424.46	2,546.77
Park, Dr. Seungbae	Prismark Partners LLC	Prismark Partner's Participating Membership in the IEEC	100	16,779.41	3,355.88	20,135.29
Park, Dr. Seungbae	B.W. Elliott Manufacturing Company LLC	B.W. Elliot Manufacturing's Membership in the IEEC	100	141.86	28.37	170.23
Park, Dr. Seungbae	E.I. du Pont de Nemours and Company	DuPont's Membership in the IEEC	100	660.00	132.00	792.00
Park, Dr. Seungbae	Juniper Networks Incorporated	Juniper Network Membership in the IEEC PO #1 500044647 PO #2 500053405	100	24,295.52	4,859.10	29,154.62
Park, Dr. Seungbae	Analog Devices	Analog Devices Membership in the IEEC 2016	100	33,084.21	6,616.84	39,701.05
Park, Dr. Seungbae	Smart Modular Technologies Inc	IEEC Membership 2015/2017 - Smart Modular PO Numbers 4510459003 and 4510459004	100	102.21	20.44	122.65
Park, Dr. Seungbae	Corning Incorporated	IEEC Membership 2015-2017 - Corning Inc.	100	2,848.19	569.64	3,417.83
Park, Dr. Seungbae	Koh Young Technology Incorporated	IEEC Membership 2016 - 2017	100	33,333.34	6,666.66	40,000.00
Park, Dr. Seungbae	BAE Systems Controls Incorporated	BAE System's 2016/2017 Membership in the IEEC	100	50,805.30	10,161.06	60,966.36
Park, Dr. Seungbae	Endicott Research Group Incorporated	Endicott Research Group's Participating Membership in the IEEC	100	1,786.08	357.22	2,143.30

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Park, Dr. Seungbae	i3 Electronics Incorporated	IEEC Membership 2015/2016 -i3 Electronics	100	1,397.16	279.44	1,676.60
Park, Dr. Seungbae	Elliott Manufacturing Actuant Corporation	IEEC Membership- Elliott Manufacturing	100	866.56	173.31	1,039.87
Park, Dr. Seungbae	Unison Industries LLC	IEEC Membership - Unison Industries 2015/2016/2017	100	1,131.00	226.20	1,357.20
Park, Dr. Seungbae	Knowles Capacitors-Dielectric Laboratories	IEEC Membership-Knowles Capacitors	100	72.66	14.53	87.19
Park, Dr. Seungbae	Vergason Technology Incorporated	IEEC Membership-Vergason Technology	100	12.49	2.50	14.99
Park, Dr. Seungbae	Kulicke and Soffa Industries Incorporated	IEEC Membership 2015/2016	100	142.90	28.58	171.48
Park, Dr. Seungbae	BessTech LLC	IEEC Membership - BessTech 2015/2016	100	421.52	84.30	505.82
Park, Dr. Seungbae	NYS Department of Economic Development	Center for Advanced Technology September 1, 2015-June 30, 2020	100	103,970.03	8,220.86	112,190.89
Park, Dr. Seungbae	NYS Department of Economic Development	Center for Advanced Technology September 1, 2015-June 30, 2020	100	433,104.45	51,351.14	484,455.59
Park, Dr. Seungbae	IBM Corporation	IEEC Membership- IBM 2013/2017	100	22,343.98	4,468.80	26,812.78
Partell, Mr. Peter	National Science Foundation	Leveraging SUNY LSAMP to Build Better STEM Pathways and Prepare Global STEM Scholars	100	9,896.13	5,244.94	15,141.07
Partell, Mr. Peter	National Science Foundation	Leveraging SUNY LSAMP to Build Better STEM Pathways and Prepare Global STEM Scholars	100	20,936.28	0.00	20,936.28

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Poliks, Dr. Mark D	National Renewable Energy Laboratory	Roll-To-Roll Processing Of Transparent Conductive Oxide Coatings For The Solar Energy Research Institute For India And The United States	50	5,918.95	2,507.97	8,426.92
Poliks, Dr. Mark D	Empire State Development Corp	Manufacturing Platform Process Development for Flexible Hybrid Electronics with Focus on Manufacturing Elements for Medical Devices	100	47,065.64	24,585.76	71,651.40
Poliks, Dr. Mark D	Empire State Development Corp	Manufacturing Platform Process Development for Flexible Hybrid Electronics with Focus on Manufacturing Elements for Medical Devices	100	17,175.39	9,618.22	26,793.61
Poliks, Dr. Mark D	Corning Incorporated	Roll-to-Roll Fabrication (R2R) Fabrication of Electronic Corning Willow Glass Surfaces	100	112,228.72	61,725.80	173,954.52
Poliks, Dr. Mark D	Flex Tech Alliance	Manufacturing Platform Process Development for Flexible Hybrid Electronics with Focus on Manufacturing Elements for Medical Devices	100	17,175.38	9,618.21	26,793.59
Poliks, Dr. Mark D	Flex Tech Alliance	Manufacturing Platform Process Development for Flexible Hybrid Electronics with Focus on Manufacturing Elements for Medical Devices	100	47,321.82	24,729.22	72,051.04
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	At Risk Center of Excellence 2016/2017	100	159,199.75	23,825.28	183,025.03
Sammakia, Dr. Bahgat G	National Transportation Safety Board	ORDER No: NTSBT015016 - PUR 150321 - Referenced IVD Line 0005 - CLIN 0002 Study of the Effects of X-Ray Irradiation on Various Flash Memory Technologies	100	6,830.21	3,756.62	10,586.83
Sammakia, Dr. Bahgat G	Xilinx	I/UCRC Membership - Xilinx, Inc.	25	1,128.83	112.88	1,241.71
Sammakia, Dr. Bahgat G	Future Facilities Incorporated	Future Facilities ES2 Membership	25	314.12	31.41	345.53
Sammakia, Dr. Bahgat G	Multiple Sponsors	ES2 IAB Donation Multiple Sponsors	34	98.52	9.85	108.37

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Sammakia, Dr. Bahgat G	Corning Incorporated	I/UCRC Membership- Corning Incorporated	25	2,744.05	274.41	3,018.46
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	At Risk Center of Excellence 2016/2017	100	372,938.89	40,066.40	413,005.29
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	At Risk Center of Excellence 2016/2017	100	9,614.08	1,442.11	11,056.19
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	At Risk Center of Excellence 2016/2017	100	14,421.94	2,163.29	16,585.23
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	At Risk Center of Excellence 2016/2017	100	9,614.12	1,442.12	11,056.24
Sammakia, Dr. Bahgat G	Corning Incorporated	Corning's Membership in the I/UCRC for Energy-Smart Electronic Systems	25	5,301.92	530.19	5,832.11
Sammakia, Dr. Bahgat G	National Transportation Safety Board	Order No. NTSBT015015 Referenced IDV Line 0005 CLIN 0001 Study the effects of heat and fire on epoxy packaged memory devices	100	1,828.36	1,005.60	2,833.96
Sammakia, Dr. Bahgat G	Huawei Technologies Company Limited	Huawei Corporation's Membership in the I/UCRC for Energy-Smart Electronic Systems	34	4,301.55	430.15	4,731.71
Sammakia, Dr. Bahgat G	Endicott Interconnects Technologies Inc	2011/2012 I/UCRC Membership for Energy-Efficient Electronic Systems	100	-9,082.34	-2,158.23	-11,240.57
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	At Risk Center of Excellence 2015/2016	100	82,469.25	2,957.93	85,427.18
Sammakia, Dr. Bahgat G	Callsign Incorporated	ES2 Membership-Callsign Inc.	33	2,808.37	280.84	3,089.20
Sammakia, Dr. Bahgat G	Bloomberg LP	Bloomberg's Support of the NSF Collaborative Center I/UCRC in Energy-Efficient Systems	25	372.60	37.26	409.86

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Sammakia, Dr. Bahgat G	Panduit Corporation	Panduit's Support of the NSF Collaborative Center I/UCRC in Energy-Efficient Systems	25	9,970.16	997.02	10,967.17
Sammakia, Dr. Bahgat G	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	34	20,255.65	11,347.49	31,603.14
Sammakia, Dr. Bahgat G	IBM Corporation	I/UCRC Membership - IBM	25	67.21	6.72	73.93
Sammakia, Dr. Bahgat G	Intel Corporation	Intel Membership in the I/UCRC ES2	25	0.42	0.04	0.46
Sammakia, Dr. Bahgat G	ExSys Technology Incorporated	I/UCRC	50	609.53	60.95	670.48
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	At Risk Center of Excellence 2015/2016	100	7,055.77	427.72	7,483.49
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	At Risk Center of Excellence 2015/2016	100	1,014.59	115.27	1,129.86
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	At Risk Center of Excellence 2015/2016	100	5,443.28	0.00	5,443.28
Sammakia, Dr. Bahgat G	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	34	1,644.74	871.71	2,516.45
Srihari, Dr. Krishnaswa	Multiple Sponsors	Income Account for Watson School Continuing Education/Office of Industrial Outreach Programs	100	22,082.63	5,520.66	27,603.29
Srihari, Dr. Krishnaswa	United Health Services	Healthcare Performance Improvement and Business Intelligence Research and Development	50	32,896.00	8,553.16	41,449.16
Srihari, Dr. Krishnaswa	Multiple Sponsors	Flight Simulation 2016/2017	100	23,371.82	5,842.96	29,214.78

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Srihari, Dr. Krishnaswa	Multiple Sponsors	Lean Six Sigma Green Belt Program	100	4,382.27	1,095.57	5,477.84
Srihari, Dr. Krishnaswa	Montefiore Hospital and Medical Center	Care Management Organization (CMO) Funding for 'Business Process Engineering Support for Network Care Management Systems'	50	2,470.65	642.37	3,113.02
Srihari, Dr. Krishnaswa	Montefiore Hospital and Medical Center	Improving the Efficiency and Effectivness of Healthcare Delivery Amendments 10 and 13	50	8,993.00	1,905.28	10,898.28
Srihari, Dr. Krishnaswa	Albany Medical Center	Incorporating Simulation Tools into the LEAN Outpatient Clinic Project	50	4,101.07	1,066.28	5,167.35
Turner, Mr. James N	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	3,331.20	64.02	3,395.22
Turner, Mr. James N	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	983.40	0.00	983.40
Turner, Mr. James N	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	-116.40	0.00	-116.40
Turner, Mr. James N	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	10,961.97	354.16	11,316.12
Turner, Mr. James N	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	2,662.68	1,464.47	4,127.15
Turner, Mr. James N	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	6,814.63	3,070.55	9,885.18
Turner, Mr. James N	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	28,926.75	0.00	28,926.75
Department Total:				\$2,710,907.71		

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
		Organization Total:		\$24,413,802.86		