

Sponsored Program Expenditure Report

For the period July 1, 2016 to June 30, 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	44,431.52	0.00	44,431.52
Ragin, Dr. Melanie J.	US Department of Education	Ronald E. McNair Post-Baccalaureate Achievement Program 2015-2016	100	158,802.73	12,704.22	171,506.95
Stamp, Dr. Nancy E	Empire State Development Corp	Increasing STEM Research for Economic Development	100	410,677.27	0.00	410,677.27
Stamp, Dr. Nancy E	National Science Foundation	GP-EXTRA: Freshman Research in Biogeochemistry for Engagement and Retention	20	9,906.77	4,953.38	14,860.15
Department Total:				\$641,475.89		
020 Anthropology						
Digangi, Dr. Elizabeth Ann	US Department of Justice	Microbial Community Succession in Human and Pig Decomposition	100	34,584.97	0.00	34,584.97
Digangi, Dr. Elizabeth Ann	US Department of Justice	Initiation of a Gunshot Wound Trauma Atlas from Cranial Bone	100	32,011.79	14,749.40	46,761.19
Garruto, Dr. Ralph	Foundation of SUNY at Binghamton	Eckler Faculty Grant Funds	100	721.95	0.00	721.95
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	858.81	0.00	858.81

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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
Isbell, Dr. William H	National Science Foundation	Investigation into the Functioning of Early Cities	100	70,474.16	18,323.28	88,797.44
Isbell, Dr. William H	Curtiss T and Mary G Brennan Foundation	The Huari Urban Prehistory Project	100	4,999.92	0.00	4,999.92
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
McGuire, Dr. Randy	National Science Foundation	Conceptualizing Cultural Contact And Transmission Across International Boundaries	100	11,007.24	2,621.38	13,628.62
McGuire, Dr. Randy	National Science Foundation	Conceptualizing Cultural Contact And Transmission Across International Boundaries	100	728.99	0.00	728.99
McGuire, Dr. Randy	National Geographic Society	The Origins of the Trincheras Tradition, Northern Sonora, Mexico	100	14,383.28	0.00	14,383.28
Merriwether, Dr. David A	Multiple Sponsors	Income Account for Unrestricted Support for A. Merriwether	100	3,995.98	599.40	4,595.38
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	10,932.87	0.00	10,932.87

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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	43,742.54	11,373.06	55,115.60
Department Total:				\$303,984.08		
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
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	36,508.25	7,301.65	43,809.90
Massey, Dr. Sean	NYS Department of Health	NYSDOH C028621 COLA for 2016-2017 (LGBT Project)	50	4,047.87	809.58	4,857.45

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Plassmann, Dr. Florenz	National Endowment for the Humanities	Transforming Scholarly Preparation in the Humanities at the Doctoral Level	100	12,301.88	8,003.27	20,305.15
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	36,508.25	7,301.65	43,809.90
Silberstein, Ms. Dara	NYS Department of Health	NYSDOH C028621 COLA for 2016-2017 (LGBT Project)	50	4,047.87	809.58	4,857.45
Department Total:				\$152,542.04		
<i>020 Asian Asian-American Studies</i>						
Chen, Dr. Zu-yan	National Security Agency	STARTALK Learn Chinese Through Beijing Opera	100	3,316.94	1,857.49	5,174.43
Chen, Dr. Zu-yan	Confucius Institute of China	2015 Funding for the Confucius Institute	100	25,213.32	0.00	25,213.32
Chen, Dr. Zu-yan	Confucius Institute of China	2016 Confucius Institute of Chinese Opera	100	64,452.80	0.00	64,452.80
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
Cho, Dr. Sungdai	Cornell University	Korean at the Nexus of the Northeast Asia Linqustic Area	100	59,158.61	5,915.86	65,074.47
Pettid, Dr. Michael	Academy of Korean Studies	Center for Korean Studies	100	6,992.30	0.00	6,992.30

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			Department Total:	\$290,573.68		
020 Biology						
Baust, Dr. John G	NYS Department of Health	Prostate Cancer Research	25	4,972.10	745.82	5,717.92
Baust, Dr. John G	NYS Department of Health	2016-2017 NYSDOH C30324GG Prostate Cancer Research COLA	50	369.08	55.36	424.44
Baust, Dr. John G	NYS Department of Health	Prostate Cancer Research	25	6,266.92	940.04	7,206.95
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
Clark, Dr. Anne B.	National Science Foundation	EAGER: Linking Crow Roosting Behavior with Nitrogen Biogeochemistry in Urban Ecosystems	50	6,901.62	3,795.89	10,697.51
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	16,567.97	9,278.06	25,846.03
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	13,889.41	7,778.07	21,667.48
Davies, Dr. David	Sunstar Incorporated	The influence of the biofilm dispersion inducer cis-2-deconic acid (cis-DA) as an adjunctive to Cetylpyridinum Chloride (CPC) treatment of dental plaque-forming bacteria	100	12,456.02	6,850.81	19,306.83
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
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

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Fiumera, Dr. Anthony	National Institute of General Medical Sciences	Using Natural Variation to Map Mitochondrial-Nuclear Interactions in Yeast	25	70,237.26	20,630.92	90,868.17
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. Heather	National Institute of General Medical Sciences	Using Natural Variation to Map Mitochondrial-Nuclear Interactions in Yeast	50	140,474.51	41,261.83	181,736.34
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	-5,076.24	-2,791.93	-7,868.17
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
Masek, Dr. Pavel	Florida Atlantic University	Localization of Dopamine Function in Aversive Taste Memory AWD000826 TAG003749	100	2,969.40	1,633.17	4,602.57
Musselman, Dr. Laura	American Heart Association Western State Affiliate	Identification of Lipotoxins Affecting Cardiac Physiology in the Face of Caloric Overload	100	37,741.55	3,134.21	40,875.76
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
Powell, Mr. Thomas	University of Florida	Dimensions: Collaborative Research: Time After Time: Adaptive Seasonal Timing Drives the Sequential Origin of Community- U of F Project: P0016611	100	392.00	219.52	611.52
Sauer, Dr. Karin	National Institute of Allergy & Infectious Disease	Role of PA4878 in biofilm antimicrobial resistance	100	175,019.63	95,984.67	271,004.30

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Sauer, Dr. Karin	National Institute of Allergy & Infectious Disease	Role of SagS signaling and regulatory events in biofilm formation and tolerance	100	114,592.21	63,025.71	177,617.92
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	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	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
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	21,712.68	11,433.22	33,145.90
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	40,322.17	20,363.29	60,685.46
Stamp, Dr. Nancy E	Howard Hughes Medical Institute	Howard Hughes Support - Freshman Research Immersion (FRI) Models	50	105,324.45	0.00	105,324.45
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	6,266.92	940.04	7,206.95
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

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Zhu, Dr. Weixing	National Science Foundation	EAGER: Linking Crow Roosting Behavior with Nitrogen Biogeochemistry in Urban Ecosystems	50	6,901.62	3,795.89	10,697.51
Zhu, Dr. Weixing	National Science Foundation	GP-EXTRA: Freshman Research in Biogeochemistry for Engagement and Retention	20	9,906.77	4,953.38	14,860.15
Department Total:				\$1,173,557.45		
020 Biomedical Engineering						
Doiron, Dr. Amber L	Pennsylvania State University	Service Agreement - Functionalized Particle Development Grant 178676	100	4,334.33	0.00	4,334.33
Doiron, Dr. Amber L	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	5,694.30	3,131.86	8,826.16
German, Dr. Guy	Unilever Trumbull Research Services Incorporated	Unrestricted Research Support	100	11.45	1.72	13.17
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	35,018.35	18,242.59	53,260.94
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	Avon Products Incorporated	Measuring In-Vivo Changes in the Mechanical Properties of Human Skin Upon Application of Cosmetic Formulations	100	3,535.54	1,979.90	5,515.44
German, Dr. Guy	National Science Foundation	CAREER: Understanding the Multi-Scale Failure Mechanics of Human Skin with Age, Ultraviolet Photodamage and Bacteria Growth	100	2,850.00	1,596.00	4,446.00
Jin, Dr. Sha	National Science Foundation	EAGER: Bioprinting Personalized Islets	50	38,984.05	20,932.48	59,916.53

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Jin, Dr. Sha	National Science Foundation	MRI: Acquisition of a Multiphoton Confocal laser Scanning Microscope for Life Science and Biomedical Research and Training at SUNY Binghamton	20	115,585.80	0.00	115,585.80
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	36,329.88	14,269.19	50,599.07
Mahler, Dr. Gretchen	National Science Foundation	Endothelial to Mesenchymal Transformation Mechanobiology	34	19,360.07	10,563.33	29,923.40
Mahler, Dr. Gretchen	National Science Foundation	Endothelial to Mesenchymal Transformation Mechanobiology	50	956.37	0.00	956.37
Ye, Dr. Kaiming	National Science Foundation	MRI: Acquisition of a Multiphoton Confocal laser Scanning Microscope for Life Science and Biomedical Research and Training at SUNY Binghamton	40	231,171.60	0.00	231,171.60
Ye, Dr. Kaiming	National Science Foundation	EAGER: Bioprinting Personalized Islets	50	38,984.05	20,932.48	59,916.53
Department Total:				\$630,850.07		
020 CCPA Deans Office						
Bronstein, Dr. Laura R	Multiple Sponsors	Community School Coordinators	100	98,599.16	12,817.89	111,417.05
Bronstein, Dr. Laura R	Multiple Sponsors	Continuing Education Activities	100	32,172.85	4,825.93	36,998.78
Bronstein, Dr. Laura R	Conrad and Virginia Klee Foundation	Community Engagement with Families in the North Side of Binghamton	50	23,777.10	0.00	23,777.10
Bronstein, Dr. Laura R	Broome County Department of Mental Health	Department of Mental Health Schools Project Coordinator 2016	100	164,433.87	21,376.40	185,810.27

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Bronstein, Dr. Laura R	Foundation of SUNY at Binghamton	Christine Bearsch Fellowship	100	9,998.00	0.00	9,998.00
Bronstein, Dr. Laura R	Broome County Department of Mental Health	2017 Mental Health Project Grant Schools	100	156,494.23	20,344.25	176,838.48
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	Best Buy Foundation	Robocats Robotics Group	100	1,840.43	478.51	2,318.94
Kida, Ms. LuAnn F	United Way of Broome County Inc	Promise Zone Spring 2017: Family Engagement for Roosevelt Elementary School	100	3,697.50	552.50	4,250.00
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	23,777.10	0.00	23,777.10
Mastroleo, Dr. Nadine	Brown University	Intervention Ingredients and Mechanisms of an Efficacious Motivational Interview	100	15,196.97	8,358.33	23,555.30
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	64,454.52	31,216.05	95,670.57
Mastroleo, Dr. Nadine	Addiction Center of Broome County	Binghamton Adult Treatment Court (BATC) Stop! Think! Change! Program	100	17,112.79	6,013.43	23,126.22

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Sinclair, Dr. Thomas	WK Kellogg Foundation	Sustainable Village & Learning Community in Arcahaie, Haiti	100	8,717.96	871.80	9,589.76
Department Total:				\$792,909.58		
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
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
Wilton, Dr. Leo	New York Blood Center	Testing an Intervention to Increase HIV Self-Testing Among Young, Black MSM	100	36,189.05	19,903.98	56,093.03
Wilton, Dr. Leo	New York Blood Center	Using technology to match young Black MSM to HIV testing options NIH 1R01HD078595-04	100	22,114.40	12,162.92	34,277.32
Department Total:				\$159,448.45		
020 CCPA Public Administration						
Homsy, Dr. George C	Cornell University	Rural Sustainability: Linking Economics and the Environment	100	20,683.62	11,376.00	32,059.62
Rubaii-Barrett, Dr. Nadia	Spencer Foundation	Measuring the Effectiveness of University Efforts to Promote Students' Intercultural Competencies: A Structured Dialogue to Improve Assessment of Alternative Internationalization Strategies	100	3,135.18	0.00	3,135.18
Department Total:				\$35,194.80		
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

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Gunn, Ms. Alana	Fordham University	HIV/ Drug Abuse Prevention Ethics Training Institute	100	5,600.24	448.02	6,048.26
Kang, Dr. Suk-Young	Rush University Medical Center	Addressing Nonmedical Influences-Golden	50	14,996.03	1,499.60	16,495.63
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	14,996.03	1,499.60	16,495.63
Rizzo, Dr. Victoria	NYS Office of Mental Health	2016-2017 Dean's Consortium Project for Evidence Based Practice in Mental Health	100	4,000.00	0.00	4,000.00
Department Total:				\$66,213.47		

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	6,266.92	940.04	7,206.95
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	87,799.10	43,180.88	130,979.98
Callahan, Dr. Brian P	NYS Department of Health	Prostate Cancer Research	25	6,266.92	940.04	7,206.95

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Callahan, Dr. Brian P	Rensselaer Polytechnic Institute	Structural Mechanisms of Hedgehog Autoprocessing in Physiology and Disease PTE 1R01CA206592-01-A1 - Subaward A12815	100	21,112.25	11,611.74	32,723.99
Dimitrov, Mr. Nikolay	National Science Foundation	All-Electrochemical Synthesis of nanoporous Metal Based Catalysts for Energy Applications and Environmental Pollution Remedy	100	31,963.91	16,562.65	48,526.56
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
Dimitrov, Mr. Nikolay	National Science Foundation	All-Electrochemical Synthesis of nanoporous Metal Based Catalysts for Energy Applications and Environmental Pollution Remedy	100	3,761.19	0.00	3,761.19
Fang, Dr. Jiayuan	Custom Electronics Incorporated	Study and Processing of High-Performance Supercapacitor Materials	100	4,130.69	1,073.98	5,204.67
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	Aegis Technology	Unrestricted Research Support	100	20,412.25	3,061.84	23,474.09
Fang, Dr. Jiye	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	24,745.50	0.00	24,745.50
Fang, Dr. Jiye	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	891.51	490.33	1,381.84
Grewer, Dr. Christof	Icahn School of Medicine at Mount Sinai	Substrate Specificity Determinants in Cancer-Related Solute Carrier Transporters	100	9,977.33	5,487.53	15,464.86
Grewer, Dr. Christof	Icahn School of Medicine at Mount Sinai	Substrate Specificity Determinants in Cancer-Related Solute Carrier Transporters	100	19,877.16	10,932.44	30,809.60

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Grewer, Dr. Christof	US Israel Binational Science Foundation	Mechanism of Glutamate Transport	100	4,875.38	731.31	5,606.69
Jones, Dr. Wayne E	National Science Foundation	REU Site: Renewable Energy Generation and Storage	50	26,204.54	0.00	26,204.54
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	3,285.89	0.00	3,285.89
Jones, Dr. Wayne E	National Science Foundation	REU Site: Renewable Energy Generation and Storage	50	3,657.06	2,047.95	5,705.01
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	7,956.18	4,455.46	12,411.64
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	2,584.20	0.00	2,584.20
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	3,269.60	0.00	3,269.60
Jones, Dr. Wayne E	Binghamton City School District	2017 Go Green Summer Institute at Binghamton University	100	4,474.28	2,505.60	6,979.88

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Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	1,613.62	0.00	1,613.62
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	8,612.80	0.00	8,612.80
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	459.00	0.00	459.00
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	8,612.80	0.00	8,612.80
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	51,181.14	28,143.44	79,324.58
Jones, Dr. Wayne E	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	891.51	490.33	1,381.84
Jones, Dr. Wayne E	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	24,745.50	0.00	24,745.50
Jones, Dr. Wayne E	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	8,612.80	0.00	8,612.80

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Rozners, Mr. Eriks	National Science Foundation	Sequence Selective Recognition of Double-Straanded Non-Coding RNA via Triplex Forming PNA	100	4,149.56	2,282.26	6,431.82
Rozners, Mr. Eriks	National Science Foundation	Sequence Selective Recognition of Double-Straanded Non-Coding RNA via Triplex Forming PNA	100	71,133.76	38,614.82	109,748.58
Rozners, Mr. Eriks	National Science Foundation	MRI: Acquisition of a Multiphoton Confocal laser Scanning Microscope for Life Science and Biomedical Research and Training at SUNY Binghamton	20	115,585.80	0.00	115,585.80
Rozners, Mr. Eriks	National Science Foundation	Dynamics and Energetics of Secondary-Active Glutamate Transport	100	58,753.24	29,014.28	87,767.52
Rozners, Mr. Eriks	National Institute of General Medical Sciences	Amide-Modified RNA: Synthesis, Structure and Potential for RNA Interference	100	283,020.14	93,310.27	376,330.41
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	220,615.09	104,119.00	324,734.09
Sadik, Dr. Omowunmi A	National Science Foundation	I-Corps: Nanosensors for rapid detection of food pathogens	100	24,279.19	2,697.42	26,976.61
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	3,285.89	0.00	3,285.89
Whittingham, Dr. M Stanley	US Department of Energy	Northeast Center for Chemical Energy Storage(NECCES)	100	2,414,082.92	270,126.39	2,684,209.31
Whittingham, Dr. M Stanley	Empire State Development Corp	Empire State Development Grants Program NECCES Battery Dry Room, CFA # 53297	100	246,167.52	0.00	246,167.52

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Whittingham, Dr. M Stanley	US Department of Energy	Battery500 Consortium - Development of High-Capacity Cathodes and Robust Solid Electrolytes	100	88,974.19	49,825.55	138,799.74
Whittingham, Dr. M Stanley	NYS Department of Economic Development	NorthEast Center for Chemical Energy Storage (NECCES)	100	51,545.59	0.00	51,545.59
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	2,584.20	0.00	2,584.20
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	3,269.60	0.00	3,269.60
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	8,612.80	0.00	8,612.80
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	1,613.62	0.00	1,613.62
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	8,612.80	0.00	8,612.80
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	459.00	0.00	459.00
Whittingham, Dr. M Stanley	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	40	8,612.80	0.00	8,612.80
Whittingham, Dr. M Stanley	US Department of Energy	High Energy Density Lithium Battery	100	209,085.06	114,996.79	324,081.85
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
Yao, Ms. Lan	NYS Department of Health	Prostate Cancer Research	25	4,972.10	745.82	5,717.92

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Zhong, Dr. Chuan Jian	Mecotech Incorporated	Unrestricted Research	100	7,333.20	1,099.98	8,433.18
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
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 Nanosized Catalysts in a Prepared and Active State	100	60,320.63	33,176.35	93,496.98
Zhong, Dr. Chuan Jian	National Science Foundation	Exploring Synergy of Composition-Tunable Nanoalloys for Catalytic Oxidation of Hydrocarbons	100	38,468.18	20,140.00	58,608.18
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	66,763.61	36,719.99	103,483.60
Zhong, Dr. Chuan Jian	National Science Foundation	I-Corps: Low Noble Metal Content Catalysts for Emission Control Systems	100	39,927.59	4,435.96	44,363.55
Department Total:				\$5,625,970.06		
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
Abu-Ghazaleh, Dr. Nael	Qatar University	Virtually Secure:A Framework for Hypervisor Code and Data Integrity	50	-385.15	-77.03	-462.18
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

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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	70,237.26	20,630.92	90,868.17
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	TUL Corporation	Tul Corporation's Membership in the I/UCRC for Energy-Smart Electronic Systems	33	7,500.00	750.00	8,250.00
Ghose, Dr. Kanad	Huawei Technologies Company Limited	Huawei Corporation's Membership in the I/UCRC for Energy-Smart Electronic Systems	33	10,476.39	1,047.64	11,524.03
Ghose, Dr. Kanad	Multiple Sponsors	ES2 IAB Donation Multiple Sponsors	33	95.62	9.56	105.18
Ghose, Dr. Kanad	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	50	225,746.06	40,794.44	266,540.50
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	39,883.95	0.00	39,883.95
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	-116.40	0.00	-116.40
Ghose, Dr. Kanad	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	33	1,920.19	1,017.70	2,937.89
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	8,856.90	4,193.81	13,050.71

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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	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	33	31,416.26	17,479.74	48,896.00
Ghose, Dr. Kanad	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	50	1,541.50	916.88	2,458.37
Ghose, Dr. Kanad	US Department of Education	Graduate Research Fellowships in Energy-Aware Computing and Experimental Computer Systems	100	19,324.86	0.00	19,324.86
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	NYS Energy Research and Development Authority	Effectiveness, Efficiency, and Integrated Improvements of Warm Water Direct Liquid Cooling Systems Agreement 41201	50	50,144.53	19,076.86	69,221.38
Ghose, Dr. Kanad	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	3,331.20	64.02	3,395.22
Gopalan, Dr. Kartik	National Science Foundation	CSR:Small:Towards High Performance, Robust and Secure Live Migration of Virtual Machines	50	2,092.50	0.00	2,092.50
Gopalan, Dr. Kartik	National Science Foundation	CSR:Small: Multi-hypervisor Virtual Machines-Enabling an Ecosystem of Hypervisors in the Cloud	100	28,700.25	13,626.39	42,326.64
Gopalan, Dr. Kartik	National Science Foundation	CSR:Small:Towards High Performance, Robust and Secure Live Migration of Virtual Machines	50	55,578.19	26,821.13	82,399.31

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Govindaraju, Dr. Madhusudhan	IBM Corporation	IBM Faculty Award for Madhusudhan Govindaraju	100	17,690.93	0.00	17,690.93
Govindaraju, Dr. Madhusudhan	Multiple Sponsors	Certificate Course to allow students to observe how Computer Science research and projects are conducted	100	3,810.43	952.61	4,763.04
Kang, Dr. Kyoung-Don	National Science Foundation	CSR: Small: Timely Power-Aware Data Managment in Embedded Systems	100	58,243.61	28,733.99	86,977.60
Liu, Dr. Yao	National Science Foundation	CSR: Small: A Unified Approach Toward User-specific Improvements of Quality of Experience for Video Streaming	100	36,276.35	16,143.24	52,419.59
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	SHF: Small Green Parallel Language Systems	100	69,707.11	37,072.26	106,779.37
Liu, Dr. Yu David	National Science Foundation	II:New:Collaborative Research:An Extensible Software Infrastructure for Unmanned Aerial Vehicles	100	3,667.92	2,017.36	5,685.28
Liu, Dr. Yu David	National Science Foundation	CAREER:Programming Models for Green Software	100	19,180.16	9,925.40	29,105.56
Meng, Dr. Weiyi	National Science Foundation	BIGDATA: Collaborative Research: F: Streaming Architecture for Continuous Entity Linking in Social Media	100	53,738.99	25,747.69	79,486.68
Meng, Dr. Weiyi	University of Illinois at Chicago	Text Mining Pipeline to Accelerate Systematic Reviews in Evidence-Based Medicine Prime Award 2R01LM010817-05A1	100	8,617.42	3,213.33	11,830.75
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	80,486.61	38,932.63	119,419.24

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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	4,200.00	0.00	4,200.00
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	Qatar University	Virtually Secure:A Framework for Hypervisor Code and Data Integrity	50	-385.15	-77.03	-462.18
Ponomarev, Mr. Dmitry V	National Science Foundation	TWC:Small:Side Channels Through Lower-Level Caches: Attacks, Defenses and Security Metrics	100	79,591.41	17,281.45	96,872.86
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	60,838.37	32,962.80	93,801.17
Ponomarev, Mr. Dmitry V	National Science Foundation	TWC: Small: Collaborative: Practical Hardware-Assisted Always-On Malware Detection	50	20,918.48	10,259.41	31,177.89
Ponomarev, Mr. Dmitry V	National Science Foundation	TWC: Small: Collaborative: Practical Hardware-Assisted Always-On Malware Detection	50	400.00	0.00	400.00
Ponomarev, Mr. Dmitry V	Qatar University	Architectural Approaches for Protecting Against Compromised System Software	100	19,087.65	3,817.53	22,905.18
Ponomarev, Mr. Dmitry V	Qatar University	Architectural Approaches for Protecting Against Compromised System Software	100	5,674.12	1,134.82	6,808.94
Prakash, Dr. Aravind	National Science Foundation	CRII: SaTC: Robust and Platform Independent Recovery of Design Features from C++ Binaries	100	35,493.41	12,921.38	48,414.79
Prakash, Dr. Aravind	National Science Foundation	CRII: SaTC: Robust and Platform Independent Recovery of Design Features from C++ Binaries	100	1,173.65	0.00	1,173.65

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Prakash, Dr. Aravind	Royal Bank of Canada	Cross Layer Data Lifetime and Integrity in the Android Key Management System	100	13,744.71	6,143.04	19,887.75
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	44,859.38	16,800.78	61,660.16
Yan, Dr. Guanhua	National Science Foundation	TWC: Small: A Moving Target Approach to Enhancing Machine Learning-Based Malware Defense	100	15,068.25	7,920.22	22,988.47
Yan, Dr. Guanhua	University of Illinois Urbana Champaign	LEFT: an LTE Oriented Emulation Instrumented Fuzzing Testbed	100	30,970.89	14,235.70	45,206.59
Yang, Dr. Ping	National Science Foundation	CSR:Small:Towards High Performance, Robust and Secure Live Migration of Virtual Machines	50	55,578.19	26,821.13	82,399.31
Yang, Dr. Ping	National Science Foundation	CSR:Small:Towards High Performance, Robust and Secure Live Migration of Virtual Machines	50	2,092.50	0.00	2,092.50
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	1,566.95	877.49	2,444.44
Yu, Dr. Lei	National Science Foundation	TWC: Small: Collaborative: Practical Hardware-Assisted Always-On Malware Detection	50	20,918.48	10,259.41	31,177.89
Yu, Dr. Lei	National Science Foundation	TWC: Small: Collaborative: Practical Hardware-Assisted Always-On Malware Detection	50	400.00	0.00	400.00

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Zhang, Dr. Yifan	National Science Foundation	CRII: CSR NeTS: Enabling Secure and Trusted Device I/Os on Smartphones	100	17,417.10	9,070.66	26,487.76
				Department Total:	\$1,939,209.09	
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	Griffiss Institute	Dynamic, Intelligent Urban Surveillance using Fog Computing - AFRL Agreement FA8750-15-3-6000	100	11,733.76	6,453.57	18,187.33
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	National Science Foundation	EARS Collaborative Research - Intelligence Measure of Cognitive Radio Networks	50	60,705.51	27,674.91	88,380.42
Choi, Dr. Seokheun	National Science Foundation	An Origami Paper-Based Bacteria-Powered Battery for On-Chip Biosensors	100	60,672.67	29,561.22	90,233.89
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	55,744.20	24,059.31	79,803.51
Dolgikh, Mr. Andrey	US Navy Office of Naval Research	Security Approach for Industrial Control Systems	50	103,470.18	53,919.35	157,389.53
Fridrich, Dr. Jessica J.	US Air Force Office of Scientific Research	Rich Cover Models for Steganalysis of Digital Media	100	225,422.96	118,983.91	344,406.87

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Fridrich, Dr. Jessica J.	National Science Foundation	TWC: Medium: Steganography in Empirical Sources Using Acquisition Oracle	100	109,535.70	22,636.67	132,172.37
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	62,229.80	17,675.18	79,904.98
Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	10,961.97	354.16	11,316.12
Jin, Dr. Zhanpeng	National Science Foundation	TWC SBE: Medium Collaborative: Brain Hacking: Assessing Psychological and Computational Vulnerabilities in Brain-based Biometrics	50	2,385.97	0.00	2,385.97
Jin, Dr. Zhanpeng	National Science Foundation	TWC SBE: Medium Collaborative: Brain Hacking: Assessing Psychological and Computational Vulnerabilities in Brain-based Biometrics	50	44,258.14	20,610.32	64,868.45
Jin, Dr. Zhanpeng	US Air Force Research Laboratory	A Holistic Approach to Understanding and Benchmarking of Cognitive and Architectural Characteristics for Neuromorphic Architectures	100	63,514.05	33,915.23	97,429.28
Jin, Dr. Zhanpeng	National Science Foundation	EAGER: Dynamic Data: Collaborative: Exploiting the Dynamically Architectural Configurability for Compressed Sensing	100	7,695.40	3,862.32	11,557.72
Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	39,883.95	0.00	39,883.95
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

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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	2,385.97	0.00	2,385.97
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	28,049.64	15,172.93	43,222.56
Jin, Dr. Zhanpeng	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	8,856.90	4,193.81	13,050.71
Kirchner, Dr. Matthias	National Science Foundation	CRII:SaTC:Camera-based mobile device end-user authentication	100	40,526.07	15,689.33	56,215.40
Kirchner, Dr. Matthias	US Air Force Research Laboratory	New Generation of Image Processing History and Manipulation Detection Techniques with Vectorized Context-Aware Descriptors	50	62,229.80	17,675.18	79,904.98
Klotzkin, Dr. David	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	24,745.50	0.00	24,745.50
Klotzkin, Dr. David	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	891.51	490.33	1,381.84
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
Klotzkin, Dr. David	Osram Sylvania Lighting Research Center	Enhanced Optical Extraction Efficiency from Ceramic and Thin Film Phosphors through Optimized Blue Pass Coatings	100	970.05	543.23	1,513.28

<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>
Li, Dr. Xiaohua	National Science Foundation	EARS Collaborative Research - Intelligence Measure of Cognitive Radio Networks	50	148.15	0.00	148.15
Li, Dr. Xiaohua	National Science Foundation	EARS Collaborative Research - Intelligence Measure of Cognitive Radio Networks	50	60,705.51	27,674.91	88,380.42
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	68,866.15	26,044.79	94,910.94
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 Air Force Office of Scientific Research	Semantic Approach to Behavior-Based IDS and Its Applications	100	176,064.71	14,219.34	190,284.05
Skormin, Dr. Victor A	US Navy Office of Naval Research	Security Approach for Industrial Control Systems	50	103,470.18	53,919.35	157,389.53
Summerville, Dr. Douglas H	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	33	1,349.28	742.10	2,091.38
Summerville, Dr. Douglas H	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	33	51,108.59	0.00	51,108.59
Zahorian, Mr. Stephen A.	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	34	1,390.17	764.59	2,154.76
Zahorian, Mr. Stephen A.	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	34	52,657.33	0.00	52,657.33
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

<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>
Zahorian, Mr. Stephen A.	Minerva Systems and Technologies LLC	STTR Phase II Reverberation Mitigation of Speech - USAF Award FA8750-16-C-0292	100	76,078.32	34,815.96	110,894.28
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	24,649.83	11,963.78	36,613.61
Department Total:				\$2,282,627.54		

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	545,816.84	60,233.83	606,050.67
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:				\$606,077.79		

020 Geography

Frazier, Dr. John W	Society of Woman Geographers	2016-2017 Evelyn L. Pruitt National Minority Fellowship	100	2,500.00	0.00	2,500.00
Frazier, Dr. Timmy	University of Idaho	Pre-disaster Mitigation Plan (10 County) Purchase Order # P0047952	100	51,797.69	5,179.77	56,977.46
Frazier, Dr. Timmy	University of Idaho	Hazard Mitigation Planning for 6 Counties in Idaho P0050620	100	67,566.80	15,008.64	82,575.44
Department Total:				\$142,052.90		

020 Geology

<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>
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
Graney, Dr. Joseph R	National Science Foundation	GP-EXTRA: Freshman Research in Biogeochemistry for Engagement and Retention	20	9,906.77	4,953.38	14,860.15
Jenkins, Dr. David M	National Science Foundation	Experimental Investigation of Chlorine Substitution into Calcic Amphiboles	100	59,455.46	32,191.75	91,647.21
Kulp, Dr. Thomas	National Science Foundation	Acquisition of a Laser Ablation-HPLC-ICP-MS system	25	15,051.18	0.00	15,051.18
Kulp, Dr. Thomas	National Science Foundation	GP-EXTRA: Freshman Research in Biogeochemistry for Engagement and Retention	20	9,906.77	4,953.38	14,860.15
Kulp, Dr. Thomas	National Science Foundation	Collaborative Research: Antimony stable isotope systematics during bacterial and abiotic redox cycling	100	6,750.66	3,780.37	10,531.03
Lowenstein, Dr. Tim K	Arizona Board of Regents	FESD Type I: Earth System Dynamics and its Role in Human Evolution in Africa	100	42,478.54	22,732.07	65,210.61
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
Lowenstein, Dr. Tim K	National Science Foundation	GP-EXTRA: Freshman Research in Biogeochemistry for Engagement and Retention	20	9,906.77	4,953.38	14,860.15
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	5,825.60	3,204.09	9,029.69
Naslund, Dr. Howard	National Science Foundation	Acquisition of a Laser Ablation-HPLC-ICP-MS system	25	15,051.18	0.00	15,051.18

<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>
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
Pietras, Dr. Jeffrey	Foundation of SUNY at Binghamton	Start Up Support Provided by Private Donor	100	14,175.00	0.00	14,175.00
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: \$450,120.33

020 Graduate School Dean

Lam, Dr. Sarah	National Science Foundation	Graduate Research Fellowship Program	100	45,835.81	0.00	45,835.81
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	43,443.89	0.00	43,443.89
Lam, Dr. Sarah	National Science Foundation	Graduate Research Fellowship Program	100	2,386.37	0.00	2,386.37
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	238,377.37	0.00	238,377.37

Department Total: \$338,365.19

020 History

<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>
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 Judaic Studies						
Friedman, Dr. Randy	Israel Institute	Development of the Institute for Israel Studies	100	145,986.24	0.00	145,986.24
Department Total:					\$145,986.24	
020 Library Administration						
Green, Ms. Jean L	NYS Education Department	2016/2017 Conservation/Preservation Program Grant Application	100	60,334.07	0.00	60,334.07
Shephard, Mr. Edward	NYS Education Department	Library Collection 2016/2017	100	20,981.70	0.00	20,981.70
Department Total:					\$81,315.77	
020 Math						
Borisov, Dr. Alexander	National Science Foundation	Upstate New York Number Theory Conference	100	14,855.97	0.00	14,855.97
Czubak, Dr. Magdalena	Simons Foundation	Topics in Geometric PDE	100	1,446.56	241.57	1,688.13
Geoghegan, Dr. Ross	Simons Foundation	New advances in quickest change-point detection with applications	100	108.17	18.06	126.23
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	1,339.83	218.75	1,558.58

<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>
Gogolyev, Dr. Andriy	National Science Foundation	Classification problems in hyperbolic dynamics	100	18,964.52	10,430.48	29,395.00
Gogolyev, Dr. Andriy	Simons Foundation	Fibered smooth dynamics and dynamical surgery	100	3,425.48	572.06	3,997.54
Mazur, Dr. Marcin	Simons Foundation	Algebraic and Asymptotic Properties of Generating Sets of Algebras	100	1,695.78	283.20	1,978.98
Nguyen-Phan, Dr. Tu Tam	National Science Foundation	Topology of non-positively curved manifolds	100	37,818.33	20,800.08	58,618.41
Ontaneda, Dr. Pedro	National Science Foundation	Spaces with Negative and Nonpositive Curvature	100	50,742.76	25,666.17	76,408.93
Polunchenko, Dr. Aleksey S	Simons Foundation	New advances in quickest change-point detection with applications	100	3,817.23	637.48	4,454.71
Qiao, Dr. Xingye	Simons Foundation	Statistical methods for High-Dimensional Classifications	100	5,950.83	993.79	6,944.62
Department Total:				\$200,210.14		

020 Mechanical Engineering

Chiarot, Dr. Paul	Schick Manufacturing Incorporated	Electrospray Deposition of PTFE Coatings Phases 1 and II	100	28,617.45	15,370.05	43,987.50
Chiarot, Dr. Paul	National Science Foundation	CAREER: Additive Manufacturing using Electrospray Printing of Nanoparticle Inks	100	49,543.94	20,649.17	70,193.11
Chiarot, Dr. Paul	Polytechnique Montreal	Material Costs for Flexible Electronics Testing Device	100	554.93	0.00	554.93
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	39,136.22	19,764.37	58,900.59

<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>
Chiarot, Dr. Paul	National Science Foundation	Inkjet-Electrospray Hybrid Printing:Understanding the Processing-Structure Relationship	33	26,480.71	12,050.62	38,531.33
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	21,712.68	11,433.22	33,145.90
Chiarot, Dr. Paul	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	5,694.30	3,131.86	8,826.16
Chiarot, Dr. Paul	American Chemical Society	Electrohydrodynamic Atomization of Fuels Using Charge-Injection for Efficient Flameless Catalytic Combustion at Small Scale	100	25,968.84	0.00	25,968.84
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	N2 Biomedical LLC	Characterization of ZnO and TiO2 Coatings	100	1,279.67	703.82	1,983.49
Cho, Dr. Junghyun	Analog Devices	Materials Characterization in Electronics Packages	100	14,016.20	3,644.21	17,660.41
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	Analog Devices	Eutectic Bonding on MEMS Wafer Level Chip Scale Packaging	100	2,160.18	1,188.20	3,348.38
Cho, Dr. Junghyun	Analog Devices	Materials Characterization in Electronic Packages	100	9,821.95	2,553.71	12,375.66
Cho, Dr. Junghyun	NYS Energy Research and Development Authority	Agreement No. 58256 - Ultraviolet (UV) Curable Polyurethane Coatings with Improved Moisture Barrier Properties	100	28,298.31	15,055.32	43,353.63

<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	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	5,694.30	3,131.86	8,826.16
Cho, Dr. Junghyun	Universal Instruments Corporation	Research on Automated Assembly and Reliability of Microelectronics	100	4,110.82	1,068.81	5,179.63
Huang, Dr. Pong-Yu	National Science Foundation	Endothelial to Mesenchymal Transformation Mechanobiology	50	956.37	0.00	956.37
Huang, Dr. Pong-Yu	American Chemical Society	Contact Dynamics and Flow Blockage Inhibition of Armored Bubbles Inside Confining Flow Conduits	100	20,044.59	0.00	20,044.59
Huang, Dr. Pong-Yu	National Science Foundation	Endothelial to Mesenchymal Transformation Mechanobiology	33	18,790.66	10,252.64	29,043.30
Jin, Dr. Congrui	UT Battelle LLC	Characterization of Electrolyte Wetting in Lithium-Ion Battery Electrodes	100	19,307.08	10,811.96	30,119.04
Ke, Dr. Changhong	Cornell University	NASA/New York Space Grant Consortium National Space Grant College and Fellowship Program 2015-2018	100	7,517.20	0.00	7,517.20
Ke, Dr. Changhong	National Science Foundation	Collaborative Research:Experimental and Computational Nanomechanics of the Load Transfer Mechanisms at the Graphene Polymer Interface	100	21,186.37	10,635.01	31,821.38
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	201,668.74	81,069.57	282,738.31
Ke, Dr. Changhong	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	5,694.30	3,131.86	8,826.16
McGrann, Mr. Roy	Vietnam Education Foundation Fellowship Program	U.S. Faculty Scholar Grant - Roy McGrann	100	20,842.20	0.00	20,842.20

<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>
Miles, Dr. Ronald N	National Science Foundation	A New Approach to Capacitive Sensing: Repulsive Sensors	50	28,563.90	14,468.39	43,032.29
Murray, Dr. Bruce T	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	33	1,920.19	1,017.70	2,937.89
Murray, Dr. Bruce T	US Food and Drug Administration	Intergovernmental Personnel Agreement for Bruce Murray	100	79,978.43	7,198.06	87,176.49
Murray, Dr. Bruce T	TUL Corporation	Tul Corporation's Membership in the I/UCRC for Energy-Smart Electronic Systems	33	7,500.00	750.00	8,250.00
Murray, Dr. Bruce T	Huawei Technologies Company Limited	Huawei Corporation's Membership in the I/UCRC for Energy-Smart Electronic Systems	33	10,476.39	1,047.64	11,524.03
Murray, Dr. Bruce T	Multiple Sponsors	ES2 IAB Donation Multiple Sponsors	33	95.62	9.56	105.18
Murray, Dr. Bruce T	Callsign Incorporated	ES2 Membership-Callsign Inc.	33	2,999.45	299.95	3,299.40
Murray, Dr. Bruce T	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	33	31,416.26	17,479.74	48,896.00
Murray, Dr. Bruce T	National Science Foundation	Endothelial to Mesenchymal Transformation Mechanobiology	33	18,790.66	10,252.64	29,043.30
Park, Dr. Seungbae	Multiple Sponsors	Miscellaneous Income Received From non sponsored work being done by SB Park	100	9,287.97	2,321.99	11,609.96
Park, Dr. Seungbae	Juniper Networks Incorporated	Modeling and Reliability Analysis PO #1 500044647 PO #2 500053405 PO #3 500060035 PO #4-500065873	100	41,956.02	23,495.37	65,451.39
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

<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	Multiple Sponsors	Unrestricted Research Income	100	3,989.13	598.37	4,587.50
Park, Dr. Seungbae	Koh Young Technology Incorporated	Offline and In-line Analyses of SPI Feedbacks in Printing Process Optimization	100	21,709.37	12,157.25	33,866.62
Pitarresi, Dr. James	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	33	1,349.28	742.10	2,091.38
Pitarresi, Dr. James	National Science Foundation	Scholarship Program for Master's Degree Seeking Students in Engineering	33	51,108.59	0.00	51,108.59
Singler, Dr. Timothy J	Multiple Sponsors	Unrestricted Research Support - Kurt lesker	100	3,267.35	653.47	3,920.82
Singler, Dr. Timothy J	National Science Foundation	Inkjet-Electrospray Hybrid Printing:Understanding the Processing-Structure Relationship	33	26,480.71	12,050.62	38,531.33
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
Towfighian, Dr. Shahrzad	National Science Foundation	A New Approach to Capacitive Sensing: Repulsive Sensors	50	28,563.90	14,468.39	43,032.29
Wang, Dr. Hao	Meecontech Incorporated	Unrestricted Support from Meecontech	100	17,062.50	2,559.37	19,621.87

<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>
Wang, Dr. Hao	Charge CCCV	Unrestricted Research Support	100	3,913.61	587.04	4,500.65
Willing, Dr. Ryan	Force and Motion Foundation	Unrestricted Research Support	100	3,194.61	479.19	3,673.80
Willing, Dr. Ryan	National Inst of Arthritis Musculoskeletal & Skin	Multiobjective Design-Optimization of Reverse Total Shoulder Arthroplasty	100	57,744.70	31,261.29	89,005.99
Willing, Dr. Ryan	Hospital for Special Surgery	Unrestricted Support from Hospital for Special Surgery	100	769.71	115.46	885.17
Yong, Dr. Xin Frank	National Science Foundation	Inkjet-Electrospray Hybrid Printing:Understanding the Processing-Structure Relationship	34	27,283.16	12,415.79	39,698.95
Yong, Dr. Xin Frank	American Chemical Society	Mesoscale Modeling of Stimuli-Responsive Composite Colloids at Oil-Water Interfaces	100	987.14	0.00	987.14
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	39,136.22	19,764.37	58,900.59
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	24,917.00	12,965.94	37,882.94
Zhou, Dr. Guangwen	National Science Foundation	Collaborative Research:situ Characterization of Methanol Oxidation Catalyzed By Copper-Based Materials	100	36,476.70	19,055.13	55,531.83
Zhou, Dr. Guangwen	US Department of Energy	Northeast Center for Chemical Energy Storage(NECCES)	100	135,291.56	74,519.45	209,811.01

<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	US Department of Energy	In Situ Visualization and Theoretical Modeling of Early Stages of Oxidation of Metals and Alloys	100	92,066.95	43,775.58	135,842.53
Zhou, Dr. Guangwen	Pacific Northwest National Laboratory	Materials Synthesis and Simulations Across Scales (MS3) Richland, WA, USA	100	19,960.66	4,708.77	24,669.43
Department Total:				\$2,102,624.72		

020 Pharmaceutical Sciences

Beedle, Dr. Aaron	Muscular Dystrophy Association of America	Is MTOR inhibition a valid therapy for dystroglycan muscular dystrophy	100	378.96	37.90	416.86
Hathout, Dr. Yetrib	Muscular Dystrophy Association of America	Development and Validation of Pharmacodynamics Biomarkers for Duchenne (MDA 353094)	100	7,940.80	794.08	8,734.88
Hoffman, Dr. Eric	Childrens Research Institute	RPDP: Bridging pharmacodynamics biomarkers to clinical outcomes in pediatric inflammatory diseases -Core A 1U54HD090254-01	100	14,605.87	8,179.29	22,785.16
Meredith, Dr. Gloria Evelyn	National Science Foundation	MRI: Acquisition of a Multiphoton Confocal laser Scanning Microscope for Life Science and Biomedical Research and Training at SUNY Binghamton	20	115,585.80	0.00	115,585.80
Nagaraju, Dr. Kanneboyina	National Inst of Neurological Disorders & Stroke	Dystrophin turnover after exon-skipping	100	34,945.35	19,569.40	54,514.75
Nagaraju, Dr. Kanneboyina	National Institutes of Health	Preclinical drug trial in mouse models of inflammation	100	3,314.66	265.17	3,579.83
Department Total:				\$205,617.28		

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
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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>
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	Indium Corporation	Development of New Pb Free Solder Alloys	100	11,372.40	2,956.82	14,329.22
Cotts, Dr. Eric	Universal Instruments Corporation	The Reliability of Cu Pillar Solder Joints - New Glass Interposers	100	2,379.76	618.74	2,998.50
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
Cotts, Dr. Eric	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	24,745.50	0.00	24,745.50
Cotts, Dr. Eric	National Science Foundation	Scholarships and Nanofabrication Experience: Successful Transitions from Community College to Graduate School	25	891.51	490.33	1,381.84
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
Kolmogorov, Dr. Alexey	National Science Foundation	A Machine Learning Framework for Acceleration Materials Prediction	100	81,762.60	43,453.63	125,216.23
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	46,564.59	23,119.02	69,683.61
Mativetsky, Dr. Jeffrey	National Science Foundation	MRI: Acquisition of an Integrated Scanning Probe-Raman Microscope	20	5,694.30	3,131.86	8,826.16

<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>
Mativetsky, Dr. Jeffrey	National Science Foundation	Ambient Processing and Patterning of Graphene Oxide Across Multiple Length Scales	100	42,910.78	23,102.63	66,013.41
Mativetsky, Dr. Jeffrey	National Science Foundation	CAREER: Charge Photogeneration and Transport in Organic Semiconductor Nanowires	100	108,875.27	39,505.28	148,380.55
Mativetsky, Dr. Jeffrey	National Science Foundation	REU Site: Renewable Energy Generation and Storage	50	3,657.06	2,047.95	5,705.01
Mativetsky, Dr. Jeffrey	National Science Foundation	REU Site: Renewable Energy Generation and Storage	50	26,204.54	0.00	26,204.54
Piper, Dr. Louis	US Department of Energy	Northeast Center for Chemical Energy Storage(NECCES)	100	133,165.84	70,586.66	203,752.50
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	18,487.05	9,834.75	28,321.80
Piper, Dr. Louis	National Science Foundation	Disentangling the structural and electronic phase transitions in ultrathin vanadium dioxide	100	32,961.56	17,630.55	50,592.11
Piper, Dr. Louis	American Chemical Society	Elucidating the Electronics Structure and Chemistry of Layered Vanadium Oxides for Next-Generation Energy Storage	100	4,898.78	0.00	4,898.78
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	10,203.92	4,633.43	14,837.34
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	4,306.40	0.00	4,306.40
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	229.50	0.00	229.50

<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>
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	4,306.40	0.00	4,306.40
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	806.81	0.00	806.81
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	4,306.40	0.00	4,306.40
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	1,642.94	0.00	1,642.94
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	1,634.80	0.00	1,634.80
White, Dr. Bruce E.	US Department of Education	Multidisciplinary GAANN in Smart Energy Materials	20	1,292.10	0.00	1,292.10
<i>Department Total:</i>				<i>\$943,151.45</i>		

020 Political Science

Clark, Dr. David	Leidos	Option 1: Mass Mobilization Data Project	100	4,560.00	2,553.60	7,113.60
Weintraub, Mr. Michael	Research Foundation of City University of New York	Regional Training Academy	100	10,050.68	2,613.18	12,663.86
<i>Department Total:</i>				<i>\$19,777.46</i>		

020 Psychology

Bishop, Dr. Christopher	Renovo Neural Incorporated	Analyzing Biological Tissue Samples	100	394.10	220.70	614.80
Bishop, Dr. Christopher	PsychoGenics Incorporated	Training and consulting agreement	100	5,500.00	3,080.00	8,580.00

<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	Howard Hughes Medical Institute	Howard Hughes Support - Freshman Research Immersion (FRI) Models	50	105,324.45	0.00	105,324.45
Bishop, Dr. Christopher	Melior Pharmaceuticals Incorporated	Testing Agreement	100	1,483.98	816.18	2,300.16
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
Cameron, Dr. Nicole M	National Institute for Alcohol Abuse & Alcoholism	Transgenerational effect of gestational ethanol exposure	100	136,515.42	74,148.48	210,663.90
Coles, Dr. Meredith	Multiple Sponsors	Income from Services of Binghamton Anxiety Clinic	100	4,591.27	688.69	5,279.96
Deak, Dr. Terrence	National Institute on Aging	Neuroinflammation and Social Behavior Across the Lifespan (Years2-5)	90	219,685.57	113,526.18	333,211.75
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	104,035.78	58,260.04	162,295.82
Di Lorenzo, Dr. Patricia M	National Institute of General Medical Sciences	SUNY Upstate Bridges to the Baccalaureate Program	50	25,750.00	2,060.00	27,810.00

<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>
Di Lorenzo, Dr. Patricia M	University of Georgia	Vagal Influence on Brainstem Plasticity and Nueral Coding of Taste	100	125,932.27	69,262.75	195,195.02
Di Lorenzo, Dr. Patricia M	National Institute of General Medical Sciences	SUNY Upstate Bridges to the Baccalaureate Program	50	74,339.88	5,947.19	80,287.07
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	171,980.07	72,913.16	244,893.23
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	20,580.92	11,525.32	32,106.24
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Role of BLA kappa opioid receptors in adolescent anxiety and ethanol consumption	100	18,797.84	10,526.79	29,324.63
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	3,347.88	1,774.37	5,122.25
Gibb, Dr. Brandon E	National Institute of Mental Health	Children's Attentional Biases: A Key Component of Negative Valence Systems	100	167,473.51	-27,147.13	140,326.38
Gibb, Dr. Brandon E	National Institute of Mental Health	Children's Attentional Biases: A Key Component of Negative Valence Systems	100	14,446.70	7,945.68	22,392.38
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

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Gibb, Dr. Brandon E	Childrens Home of Wyoming Conference	Clinical Psychology Community Practicum Trainee Program: 2016-2017 Clinical Placements	100	39,821.53	0.00	39,821.53
Gibb, Dr. Brandon E	ARK Psychology LLC	2017 Clinical Placement	100	10,300.88	0.00	10,300.88
Jentsch, Dr. James David	Jackson Laboratory	Center for Systems Neurogenetics of Addiction Prime#P50DA039841-01A1	100	18,688.11	10,465.34	29,153.45
Jentsch, Dr. James David	Jackson Laboratory	2017-2018 Center for Systems Neurogenetics of Addiction	100	18,088.27	10,129.43	28,217.70
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	21,091.41	11,811.19	32,902.60
Jentsch, Dr. James David	National Institute on Drug Abuse	Genetic influences on inhibitory control and cocaine sensitivity	100	203,554.56	111,955.00	315,509.56
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
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	TWC SBE: Small: Collaborative Brain Password: Exploring A Psychophysiological Approach for Secure User Authentication	50	2,385.97	0.00	2,385.97
Laszlo, Dr. Sarah	National Science Foundation	TWC SBE: Medium Collaborative: Brain Hacking: Assessing Psychological and Computational Vulnerabilities in Brain-based Biometrics	50	2,385.97	0.00	2,385.97
Laszlo, Dr. Sarah	National Science Foundation	TWC SBE: Medium Collaborative: Brain Hacking: Assessing Psychological and Computational Vulnerabilities in Brain-based Biometrics	50	44,258.14	20,610.32	64,868.45

<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>
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
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	TWC SBE: Small: Collaborative Brain Password: Exploring A Psychophysiological Approach for Secure User Authentication	50	28,049.64	15,172.93	43,222.56
Laszlo, Dr. Sarah	National Science Foundation	CAREER: Neural Computational Analysis of Reading (and Reading Impiarmnt) in Individuals	100	0.00	3.29	3.29
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
Ma, Dr. Yaoying	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	16,119.67	9,027.02	25,146.69
Ma, Dr. Yaoying	Brain and Behavior Research Foundation	2016 NARSAD Young Investigators Grant- High Risk Drug Addiction after Prenatal Alcohol Exposure: Role of Synaptic Reorganization	100	1,295.43	0.00	1,295.43
Mattson, Ms. Jennifer	NYS Education Department	CARD Albany and NYS Regional Center(s) for Autism Spectrum Disorders	100	20,706.03	1,656.48	22,362.51
Miskovic, Dr. Vladimir	National Institute of Mental Health	The Impact of Anxiety on Neurobehavioral Correlates of Conditioned Fear Generalization	100	31,797.69	17,488.73	49,286.42
Miskovic, Dr. Vladimir	Tal Medical Incorporated	Pilot test of LFMS on neural dynamics	100	1,384.01	775.05	2,159.06
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><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>
Romanczyk, Dr. Raymond	Multiple Sponsors	Children's Unit for Treatment and Evaluation 2016-2017	100	1,549,891.67	232,483.75	1,782,375.42
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	Early Intervention Income	100	23,290.80	3,493.62	26,784.42
Romanczyk, Dr. Raymond	Multiple Sponsors	Children's Unit Special Programs/ Institute for Child Development	100	11,841.21	1,776.18	13,617.39
Romanczyk, Dr. Raymond	Multiple Sponsors	Support of the ICD Infrastructure	100	186.34	27.95	214.29
Romanczyk, Dr. Raymond	Multiple Sponsors	Childrens Unit for Learning Disabilities Income Account	100	519.85	77.97	597.82
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	School District Income for SEDCAR/IDEA Funding	100	29,736.41	2,378.91	32,115.32
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	24,364.07	13,643.88	38,007.95
Savage, Dr. Lisa M	National Institute of General Medical Sciences	SUNY Upstate Bridges to the Baccalaureate Program	50	74,339.88	5,947.19	80,287.07
Savage, Dr. Lisa M	National Institute of General Medical Sciences	SUNY Upstate Bridges to the Baccalaureate Program	50	25,750.00	2,060.00	27,810.00
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Cortical Biobehavioral Disruption after Thiamine Deficiency and Chronic Alcohol (Years2-5)	100	235,903.84	129,747.11	365,650.95

<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	Cortical Biobehavioral Disruption after Thiamine Deficiency and Chronic Alcohol (Years2-5)	100	61,464.78	33,805.63	95,270.41
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Cortical Biobehavioral Disruption after Thiamine Deficiency and Chronic Alcohol (Years2-5)	100	37,571.86	21,040.24	58,612.10
Savage, Dr. Lisa M	National Inst of Neurological Disorders & Stroke	Exercise Recovers Cholinergic Dysfunction through Neurotrophin Modulation	100	15,521.75	8,287.81	23,809.56
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 (year 8)	100	22,544.01	12,624.65	35,168.66
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
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	141,946.39	0.00	141,946.39
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	137,138.28	76,797.44	213,935.72
Spear, Dr. Linda	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center (year 8)	100	35,607.91	19,940.43	55,548.34
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

<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>
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	108,440.71	59,343.41	167,784.11
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	36,146.90	19,781.14	55,928.04
Varlinskaia, Dr. Elena I	National Institute on Aging	Neuroinflammation and Social Behavior Across the Lifespan (Years2-5)	10	24,409.51	12,614.02	37,023.53
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	120,081.67	45,436.11	165,517.78
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
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	36,146.90	19,781.14	55,928.04
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
Department Total:				\$7,772,053.71		

<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>
020 Public Archaeology Facility						
Jacobson, Dr. Michael E	National Park Service	Newtown and Chemung Battlefields Preservation Planning Project	50	3,016.20	452.43	3,468.63
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	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, 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	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	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	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	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	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

<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	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
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	100	6,493.43	974.01	7,467.44
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	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	LaBella Associates	Service Order #7: Phase 1 Archaeological Survey (FIRE TRAINING SITE), Schoharie County Jail Project, Schoharie County, NY	100	7,913.05	1,186.96	9,100.01
Versaggi, Dr. Nina M	Raymond W Harvey Post 703 American Legion	Fort Ann: Historic Research and Archaeological Investigations of Battle Hill Battlefield	100	36,795.26	5,519.29	42,314.55
Versaggi, Dr. Nina M	C and S Engineering	Cultural Resource Screening (FCC 620), Oneida County, New York 911 Project (Higby Road), New Hartford, Oneida County	100	1,537.34	230.60	1,767.94
Versaggi, Dr. Nina M	LaBella Associates	SO# 14, Schoharie County Public Safety Building Project, Phase 1 Archaeological Survey for Alternative Fire Training Site	100	4,754.15	713.12	5,467.27
Versaggi, Dr. Nina M	LaBella Associates	SO# 13- Schoharie County Public Safety Building Project, Phase 1 Archaeological Survey for 126 Shady Tree Lane Site	100	17,272.00	2,590.80	19,862.80
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	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

<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	Cultural Resource Screening (FCC620), Oneida County, New York 911 Project (Kirkland), Oneida County	100	1,364.33	204.65	1,568.98
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	7,570.69	1,135.60	8,706.29
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	5,264.21	789.63	6,053.84
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	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	13,131.30	1,969.70	15,101.00
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	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	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	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	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
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

<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	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	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	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	Sage Engineering Associates	HABS Inventory of Buildings 49 and 50 on Kesselring Site and assistance on any mitigation measures, Kesslergin Project (TOA 307, Item 2), Town of Milton, Saratoga County, New York	100	774.21	116.13	890.34
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	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	35,403.07	5,310.46	40,713.53
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
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	IEDC	WNYE Gas Pipeline Project, Orleans and Genesee Counties	100	92.49	13.87	106.36
Versaggi, Dr. Nina M	Binghamton University	48 Corliss Ave Project, Village of Johnson City, Broome County, NY	100	2,588.85	388.33	2,977.18

<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>
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	478.70	71.81	550.51
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	9,194.37	1,379.16	10,573.53
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	43,705.55	6,555.83	50,261.38
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	200.00	30.00	230.00
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	3,601.30	540.20	4,141.50
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	1,842.82	276.42	2,119.24
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	3,485.76	522.86	4,008.62
Versaggi, Dr. Nina M	Renovus Solar	Phase 1 Archaeological Survey, Renovus Solar Farm Project, Town of Candor, Tioga County, New York	100	4,220.99	633.15	4,854.14
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	1,019.84	152.98	1,172.82
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	205.91	30.89	236.80
Versaggi, Dr. Nina M	Trileaf Corporation	Cultural Resources Survey (FCC 620), Elmira Heights Project, Chemung County, NY	100	811.80	121.77	933.57
Versaggi, Dr. Nina M	Village of Horseheads	Horseheads Well#4 to Well#5 Waterline Project, Horseheads, Chemung County, NY	100	4,300.35	645.05	4,945.40

<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>
Versaggi, Dr. Nina M	Suit Kote Corporation	Archaeological Survey (115-135 STPs and 15-20 Backhoe trenches), Polkville Mine Expansion Project, Town of Cortlandville, Cortland County, NY	100	6,800.31	1,020.05	7,820.36
Versaggi, Dr. Nina M	Rasmussen Gravel Products	Phase 1 Archaeological Survey (option 1- Plow and Disk Field and then Surface Survey), Rivington Mine Expansion Project, Town of Lebanon, Madison County, NY	100	2,380.22	357.03	2,737.25
Versaggi, Dr. Nina M	Trileaf Corporation	CRS (FCC 620/621): Rew Co-Location Project, McKean County, PA	100	469.06	70.36	539.42
Versaggi, Dr. Nina M	Appel Osborne Landscape Architecture	Phase 1: CRS: North Rose-Wolcott Middle School Project, Village of Wolcott, Wayne County, NY	100	1,987.13	298.07	2,285.20
Versaggi, Dr. Nina M	Gladstone Commercial Corporation	Phase 1 Archaeological Survey (Option 2- Subsurface Suvery- STP Testing) Corning Warehouse Project, Town of Big Flats, Chemung County, NY	100	4,949.28	742.39	5,691.67
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	830.96	124.64	955.60
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	Hanover Engineering Associates	Cultural Resource Services, Howard Energy Project, Liberty and Sebring Townships, Tioga County, PA, Connolly B Pipeline -- Project HEP-1001-06 and HEP-1002-06	100	2,133.51	320.03	2,453.54
Versaggi, Dr. Nina M	Hanover Engineering Associates	Cultural Resource Services, Howard Energy Project, Liberty and Sebring Townships, Tioga County, PA, Connolly A Pipeline - Project HEP-1001-06	100	2,321.62	348.24	2,669.86
Versaggi, Dr. Nina M	New York Land Quest	Phase 1A Archaeological Assessment, Bluebird on Dryden Lake Subdivision Park, Town of Dryden, Tompkins County, New York	100	1,229.62	184.44	1,414.06

<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	TDK Engineering Associates PC	Phase 1A Archaeological Survey, Caledonia (Flint Hill Road) Bulk Storage Facility Project, town of Caledonia, Livingston County, New York	100	5,252.74	787.91	6,040.65
Versaggi, Dr. Nina M	Hanover Engineering Associates	Cultural Resource Sensitivity Pre-Screening, Wellsboro-Krause Connector Well Pad Town of Covington, Tioga County PA Project ESC-1001-01C/ Proposal 17-001	100	628.57	94.29	722.86
Versaggi, Dr. Nina M	Beardsley Design Associates	Phase 1 Archaeological Survey, Kesselring Hogback Road Project (TOA 129 Item 2), Town of Millton, Saratoga County, New York	100	7,746.94	1,162.04	8,908.98
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Admin Task 1001 Binghamton Highway Project	100	26,249.88	3,937.48	30,187.36
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	401.12	60.17	461.29
Versaggi, Dr. Nina M	SMRT Architects and Engineers Incorporated	Phase 1 Cultural Resource Survey- Option 2 (Subsurface Survey of approximately 160-200 STPs) Cortland County Safety Complex Project, Town of Cortlandville, Cortland County, New York	100	5,005.03	750.75	5,755.78
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	15,729.74	2,359.46	18,089.20
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	22,559.35	3,383.90	25,943.25
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	13,064.00	1,959.60	15,023.60
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	711.92	106.79	818.71
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	1,132.97	169.95	1,302.92

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Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	45,396.72	6,809.51	52,206.23
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	91.84	13.78	105.62
Versaggi, Dr. Nina M	NYS Education Department	2017-2018 Highway Project	100	143.18	21.48	164.66
Versaggi, Dr. Nina M	Hanover Engineering Associates	Phase 1 Archaeological Survey Kettle Creek Restoration Project Renovo Natural Gas Pipeline Leidy Township Clinton County, PA, Project REC-1001-01-12	100	3,116.16	467.42	3,583.58
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	47,222.22	7,083.33	54,305.55
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	73.50	73.50
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	15.00	15.00

<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	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	2016-2017 Cultural Resources Survey Program	100	18,560.88	2,784.13	21,345.01
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	Mission First Housing Group	Wyalusing Meadows Project (ER#2014-5233-015-A) Phase 3 Data Recovery of the Prehistoric Burgess Site	100	53,383.79	8,007.57	61,391.36
Versaggi, Dr. Nina M	Sage Engineering Associates	Phase 1B Archaeological Survey, Kesselring Road Project (TOA-312), Town of Milton, Saratoga County, New York	100	347.47	52.12	399.59
Versaggi, Dr. Nina M	Civil War Trust	Revolutionary War and War of 1812 Preservation Mapping Project	100	80,097.32	12,014.60	92,111.92
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
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

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Versaggi, Dr. Nina M	NYS Education Department	C010915 2016/2017 Administrative Task 1001	100	178,397.07	26,759.56	205,156.63
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	Multiple Sponsors	Miscellaneous Income from PAF Activities	100	11,037.53	1,655.63	12,693.16
Versaggi, Dr. Nina M	National Park Service	Newtown and Chemung Battlefields Preservation Planning Project	50	3,016.20	452.43	3,468.63
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	Owego Apalachin Central School District	Phase 3 Archaeological Data Recovery, Owego Free Academy Prehistoric Site, Owego Apalachin Maintenance Building (Monkey Run Parcel)	100	29,140.51	4,371.07	33,511.58
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	18,164.67	2,724.70	20,889.37
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	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	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	6.00	6.00
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	15.00	15.00
Versaggi, Dr. Nina M	NYS Education Department	2015/2016 Cultural Resources Survey Program	100	0.00	6.00	6.00
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	2016-2017 Cultural Resources Survey Program	100	159.48	23.92	183.40

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Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	7,248.25	1,087.24	8,335.49
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	224.18	33.63	257.81
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	44,533.07	6,679.96	51,213.03
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	3,962.05	594.31	4,556.36
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	73.83	11.08	84.91
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	62.37	9.35	71.72
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	8,987.82	1,348.17	10,335.99
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	2,051.78	307.76	2,359.54
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	92.92	13.94	106.86
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	1,034.54	155.18	1,189.72
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	173.50	26.03	199.53

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Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	4,551.37	682.71	5,234.08
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	7,149.66	1,072.45	8,222.11
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	12,040.83	1,806.12	13,846.95
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	34,352.77	5,152.92	39,505.69
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	13,191.31	1,978.70	15,170.01
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 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	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	698.40	104.76	803.16
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	1,382.83	207.42	1,590.25
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	4,629.02	694.35	5,323.37
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	6,884.07	1,032.61	7,916.68

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Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	10,432.01	1,564.80	11,996.81
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	4,354.58	653.18	5,007.76
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	8,355.32	1,253.30	9,608.62
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	67.46	10.12	77.58
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	2,923.56	438.53	3,362.09
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	76,823.44	11,523.52	88,346.96
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	27,328.81	4,099.32	31,428.13
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	6,788.97	1,018.34	7,807.31
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	34,551.43	5,182.71	39,734.14

<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	44,320.31	6,648.05	50,968.36
Versaggi, Dr. Nina M	NYS Education Department	2016-2017 Cultural Resources Survey Program	100	14,213.94	2,132.09	16,346.03
Department Total:				\$1,660,026.45		
020 Research VP						
Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	10,961.97	354.16	11,316.12
Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	39,883.95	0.00	39,883.95
Czarnecki, Dr. Steven V.	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	3,331.20	64.02	3,395.22
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	-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	8,856.90	4,193.81	13,050.71
Sammakia, Dr. Bahgat G	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	50	1,541.50	916.88	2,458.37
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	50,144.53	19,076.86	69,221.38

<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>
Sammakia, Dr. Bahgat G	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	50	225,746.06	40,794.44	266,540.50
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:				\$417,303.31		

020 Romance Languages

Bosworth, Ms. Yulia	Quebec Ministre	Public perception of politician language use in Quebec: at the crossroads of linguistic norm and sociolinguistic identity	100	99.31	0.00	99.31
Department Total:				\$99.31		

020 School Of Education

Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	1,619.03	129.52	1,748.55
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	16,645.55	1,331.65	17,977.19
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 Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	87,074.09	5,440.25	92,514.34
Burch, Dr. Connie B	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	50,027.12	4,002.17	54,029.29
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

<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. 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 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	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	1,619.03	129.52	1,748.55
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 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	87,074.09	5,440.25	92,514.34
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 Partnerships (TLQP) Professional Development Program to Improve Teaching and Learning of Core Academic Subjects.	50	200.00	16.00	216.00

<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>
Burch, Dr. Paul	NYS Education Department	Teacher Leader Quality Partnership (TLQP) Professional Development Program 2016-17	50	50,027.12	4,002.17	54,029.29
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 Partnership (TLQP) Professional Development Program 2016-17	50	16,645.55	1,331.65	17,977.19
Hilliker, Ms. Shannon M.	Terra Science and Education Foundation	English language development instruction in elementary grade	100	3,679.97	0.00	3,679.97
Humphrey, Ms. Amy L.	NYS Education Department	2015-2016 Liberty Partnership Program	100	55,250.89	4,420.07	59,670.96
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	6,511.31	520.91	7,032.22
Humphrey, Ms. Amy L.	NYS Education Department	2015-2016 Liberty Partnership Program	100	6,497.56	519.80	7,017.36
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 Partership Program 2016-2017	100	265,154.23	21,212.34	286,366.57
Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partership Program 2016-2017	100	45,844.73	3,667.58	49,512.31
Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partership Program 2016-2017	100	20,361.54	1,628.92	21,990.46

<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.	NYS Education Department	Liberty Partership Program 2016-2017	100	9,125.50	730.04	9,855.54
Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partership Program 2016-2017	100	4,744.35	379.55	5,123.90
Humphrey, Ms. Amy L.	Multiple Sponsors	Miscellaneous Income - Liberty Partnership Program	100	33,131.73	2,650.54	35,782.27
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	227,569.14	18,205.53	245,774.67
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:				\$1,182,624.95		

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	1,250.00	0.00	1,250.00
Dhillon, Dr. Upinder	Multiple Sponsors	Award for School of Management Personnel Costs	100	55,805.49	8,370.82	64,176.31
Reiter, Dr. Sara A	Pricewaterhouse Coopers LLP	Diversity Initiative	90	11,249.98	0.00	11,249.98
Yammarino, Dr. Francis J	Multiple Sponsors	Miscellaneous Income - Fran Yammarino	100	40,779.25	6,116.88	46,896.13

<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:	\$125,712.87	
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	858.81	0.00	858.81
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	9,743.83	779.51	10,523.34
Bryant, Dr. Sharon A	NYS Education Department	Collegiate Science and Technology Entry Program 2016-2017	100	16,607.60	319.88	16,927.48
Bryant, Dr. Sharon A	NYS Education Department	Collegiate Science and Technology Entry Program 2016-2017	100	15,801.46	1,264.12	17,065.58
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	Collegiate Science and Technology Entry Program 2016-2017	100	46,154.04	3,692.32	49,846.36
Bryant, Dr. Sharon A	NYS Education Department	Collegiate Science and Technology Entry Program 2016-2017	100	30,431.34	2,434.51	32,865.85
Bryant, Dr. Sharon A	NYS Education Department	Collegiate Science and Technology Entry Program 2016-2017	100	6,098.21	487.86	6,586.07
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	4,257.91	340.64	4,598.55
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	9,836.12	212.22	10,048.34

<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>
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	315.67	25.26	340.92
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	2,785.39	-161.99	2,623.40
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) 2016-2017	50	12,743.28	1,019.46	13,762.74
Ferrario, Dr. Joyce A	Health Resources and Services Admin	Advanced Education Nursing Traineeship	100	37,258.00	1,676.00	38,934.00
Flanagan, Ms. Nina	Pennsylvania State University	Implementation of EIT-4-BPSD in Husing Homes: PO#SR00004451	100	31,390.09	8,161.42	39,551.51
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	122,559.91	0.00	122,559.91
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	98,781.86	7,902.55	106,684.41
Ortiz, Dr. Mario	Multiple Sponsors	School of Nursing Miscellaneous Income	100	446.98	67.05	514.03

<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>
Rouhana, Ms. Nicole A.	Health Resources and Services Admin	Advanced Education Nursing Traineeship	100	333,983.00	14,246.00	348,229.00

Department Total: \$833,789.42

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	Federal and State Technology Partnership Program (FAST)	100	3,788.34	454.60	4,242.94
Layman, Ms. Rochelle	Small Business Administration	Small Business Development Centers 2015/2016	100	3,493.89	419.27	3,913.16
Layman, Ms. Rochelle	Empire State Development Corp	MWBE Contractor Bonding Preparedness Training and Technical Assistance Program	100	760.95	106.53	867.48
Layman, Ms. Rochelle	Housing Trust Fund Corporation	Hurricane Sandy NYSESD Relief Program	100	334.82	46.87	381.69
Layman, Ms. Rochelle	Multiple Sponsors	Program Income Account for SBDC Training Activities Associated with federal SBA funding	100	936.58	240.00	1,176.58
Layman, Ms. Rochelle	Multiple Sponsors	Miscellaneous Income- Small Business Development Center Activities	100	322.82	48.43	371.25
Layman, Ms. Rochelle	Small Business Administration	Small Business Development Center 2016/2017	100	7,238.61	868.63	8,107.24
Department Total:				\$61,790.29		

020 Sociology

Lee, Dr. Richard E	Multiple Sponsors	Income for Fernand Braudel Center Activities	100	28,723.96	4,308.60	33,032.56
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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>
				Department Total:	\$33,032.56	
020 Student Affairs V P						
Wygman, Ms. Martha S.	US Department of Education	2015/2016 Binghamton University Upward Bound Program	100	59,665.15	0.00	59,665.15
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	2016-2021 Student Support Services Program	100	21,000.00	0.00	21,000.00
Wygman, Ms. Martha S.	US Department of Education	2016-2021 Student Support Services Program	100	252,819.89	20,225.59	273,045.48
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	170,180.37	13,614.43	183,794.80
Wygman, Ms. Martha S.	US Department of Education	SSS-STEM Program at Binghamton University	100	185,187.98	14,815.04	200,003.02
Wygman, Ms. Martha S.	US Department of Education	2015/2016 Binghamton University Upward Bound Program	100	424,280.48	33,942.44	458,222.92
Wygman, Ms. Martha S.	US Department of Education	SSS-STEM Program at Binghamton University	100	9,800.00	0.00	9,800.00
				Department Total:	\$1,304,343.09	
020 Systems Engineering						
Srihari, Dr. Krishnaswa	Endicott Interconnects Technologies Inc	Continuous Improvement in an Electronics Manufacturing Enviroment	100	-3,296.03	-856.97	-4,153.00

<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>
			Department Total:	(\$4,153.00)		
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
Changqing, Dr. Cheng	Foundation of SUNY at Binghamton	Eckler Faculty Grant Funds	100	1,000.00	0.00	1,000.00
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
Chung, Dr. Sunghoon	Bennett Distribution Services Limited Liability Corporation	Transportation Management System (TMS) Implementation and Optimization for Sequential Loads	33	14,345.28	3,050.12	17,395.40
Chung, Dr. Sunghoon	Research Foundation of City University of New York	Adaptive Vehicle Routing for Evacuation under Uncertainty	100	1,882.53	1,054.22	2,936.75
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	20,702.51	10,948.57	31,651.07
Greene, Dr. Christopher M	Smart Modular Technologies Inc	Research and Development for Complex Surface Mount Devices	50	20,253.28	5,025.36	25,278.64
Greene, Dr. Christopher M	Lockheed Martin Corporation	Additive Manufacturing Utilized in Electronics Mfg; Capability and Application Project	100	1,690.15	946.48	2,636.63
Khasawneh, Dr. Mohammad	Christiana Care Health Services Incorporated	Organizational Excellence Support at Christiana Care	50	12,026.23	2,226.57	14,252.80
Khasawneh, Dr. Mohammad	Montefiore Hospital and Medical Center	System Development and Process Analysis to Enhance Contact Center Operations Amendment 14	50	1,009.58	262.49	1,272.07

<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	Cooper University Health Care	Redesign of core processes and workflows to facilitate the implementation of a customer relationship management system	50	10,613.49	2,422.81	13,036.29
Khasawneh, Dr. Mohammad	LiveOnNY	Performance Improvement of Clinical Practices & Operations Research	34	16,841.47	3,766.61	20,608.08
Khasawneh, Dr. Mohammad	United Health Services	Business Intelligence and Performance Improvement at UHS	50	85,418.66	16,267.85	101,686.51
Khasawneh, Dr. Mohammad	Mount Sinai Medical Center	Continuous Performance Improvement Research and Implementation at Mount Sinai Medical Center	50	35,243.94	6,703.18	41,947.11
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	17,418.83	2,968.90	20,387.73
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	Memorial Sloan Kettering Cancer Center	Improving Quality, Safety and Patient Flow	50	34,011.65	6,193.37	40,205.02
Khasawneh, Dr. Mohammad	Cooper University Health Care	Redesign of Care Processes and Workflows to Facilitate the Implementation of a Customer Relationship Management System	50	11,093.05	2,104.19	13,197.24
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	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

<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	Montefiore Hospital and Medical Center	Improving the Efficiency and Effectiveness of Healthcare Delivery Amendments 10 and 13	50	15,205.85	3,159.87	18,365.72
Khasawneh, Dr. Mohammad	Albany Medical Center	Incorporating Simulation Tools into the LEAN Outpatient Clinic Project	50	15,326.00	3,084.51	18,410.51
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	122,559.91	0.00	122,559.91
Khasawneh, Dr. Mohammad	Laufer Group International Limited	Review and Re-Engineering of Operations at Laufer Group International	50	19,559.58	4,305.49	23,865.07
Khasawneh, Dr. Mohammad	Navicent Health	Continuous Process Improvement of Efficiency and Effectiveness in Healthcare Delivery at Navicent Health	50	22,176.59	4,641.41	26,818.00
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 Intelligence and Analytics for Server Manufacturing	50	10,177.99	2,526.03	12,704.01
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	26,672.51	6,034.61	32,707.12
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	37,295.96	6,576.95	43,872.91

<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>
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	8,856.90	4,193.81	13,050.71
Poliks, Dr. Mark D	Analog Devices	Critical materials, surfaces and interfaces for advanced packaging	100	12,607.60	6,934.18	19,541.78
Poliks, Dr. Mark D	Analog Devices	Critical materials, surfaces, and interfaces for advanced packaging	100	2,150.35	1,204.20	3,354.55
Poliks, Dr. Mark D	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	39,883.95	0.00	39,883.95
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	-116.40	0.00	-116.40
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
Poliks, Dr. Mark D	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	2,662.68	1,464.47	4,127.15
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

<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>
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	23,746.68	4,614.14	28,360.82
Sayama, Dr. Hiroki	National Science Foundation	RI:Small: BCSP Robustness and Adaptation in Morphogenetic Collective Systems	100	56,364.51	30,491.73	86,856.24
Sayama, Dr. Hiroki	US Army Research Office	Workshop Support: Network Science	100	29.43	16.48	45.91
Sayama, Dr. Hiroki	National Science Foundation	RI:Small: BCSP Robustness and Adaptation in Morphogenetic Collective Systems	100	5,374.11	0.00	5,374.11
Sayama, Dr. Hiroki	Foundation of SUNY at Binghamton	Lois DeFleur Award to CoCo Research Group	100	3,827.27	0.00	3,827.27
Srihari, Dr. Krishnaswa	Mount Sinai Medical Center	Continuous Performance Improvement Research and Implementation at Mount Sinai Medical Center	50	35,243.94	6,703.18	41,947.11
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	IBM Corporation	Business Intelligence and Analytics for Server Manufacturing	50	10,177.99	2,526.03	12,704.01
Srihari, Dr. Krishnaswa	Sanmina Corporation	Quality Engineering Research in Electronics Packaging and Manufacturing	50	100.00	26.00	126.00
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	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

<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	Montefiore Hospital and Medical Center	Business Process Engineering Support for Network Management Systems (CMO) Amendment 12	50	17,418.83	2,968.90	20,387.73
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	Christiana Care Health Services Incorporated	Organizational Excellence Support at Christiana Care	50	12,026.23	2,226.57	14,252.80
Srihari, Dr. Krishnaswa	Zebra Technologies Enterprise Corporation	Development and Evaluation of Algorithms to Optimize Operational Efficiency at Carrier Facilities	50	26,672.51	6,034.61	32,707.12
Srihari, Dr. Krishnaswa	United Health Services	Business Intelligence and Performance Improvement at UHS	50	85,418.66	16,267.85	101,686.51
Srihari, Dr. Krishnaswa	Navicent Health	Continuous Process Improvement of Efficiency and Effectiveness in Healthcare Delivery at Navicent Health	50	22,176.59	4,641.41	26,818.00
Srihari, Dr. Krishnaswa	Smart Modular Technologies Inc	Research and Development for Complex Surface Mount Devices	50	20,253.28	5,025.36	25,278.64
Srihari, Dr. Krishnaswa	General Electric Global Research	Thermal Management in High Power LED Packages	100	9,016.23	5,049.09	14,065.32
Srihari, Dr. Krishnaswa	SMTC Manufacturing Corporation	Research in Electronics Packaging Assembly and Manufacturing	50	37,295.96	6,576.95	43,872.91
Srihari, Dr. Krishnaswa	Cooper University Health Care	Redesign of core processes and workflows to facilitate the implementation of a customer relationship management system	50	10,613.49	2,422.81	13,036.29
Srihari, Dr. Krishnaswa	Montefiore Hospital and Medical Center	System Development and Process Analysis to Enhance Contact Center Operations Amendment 14	50	1,009.58	262.49	1,272.07

<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 General Trias Incorporated	Dispatching Optimization and Demand Signal Analysis in Semiconductor Testing	50	7,070.42	3,634.36	10,704.77
Srihari, Dr. Krishnaswa	LiveOnNY	Performance Improvement of Clinical Practices & Operations Research	33	16,346.13	3,655.83	20,001.96
Srihari, Dr. Krishnaswa	Laufer Group International Limited	Review and Re-Engineering of Operations at Laufer Group International	50	19,559.58	4,305.49	23,865.07
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	Memorial Sloan Kettering Cancer Center	Improving Quality, Safety and Patient Flow	50	34,011.65	6,193.37	40,205.02
Srihari, Dr. Krishnaswa	Analog Devices	Continuous Improvement in Microwave Electronics Packaging and Manufacturing	50	0.00	54.49	54.49
Srihari, Dr. Krishnaswa	Raymond Corporation	Simulation Modeling of Cross-Docking Operations in a Distribution Center	50	218.43	56.79	275.22
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	Zebra Technologies Enterprise Corporation	Development and Evaluation of Metrics and Alogrithms to Measure and Operational Efficiency at Carrier Facilities	100	59,696.24	12,135.15	71,831.39
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	37,152.90	7,469.25	44,622.15
Srihari, Dr. Krishnaswa	IBM Corporation	Predictive Analytics and Modeling for Returned Machines	50	661.37	171.96	833.32

<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	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	9,286.31	4,853.10	14,139.40
Srihari, Dr. Krishnaswa	Innovation Associates	Simulation Modeling, Reliability, and Data Analytics Study in Pharmacy Automation	50	55,388.46	9,331.00	64,719.46
Srihari, Dr. Krishnaswa	Bennett Distribution Services Limited Liability Corporation	Transportation Management System (TMS) Implementation and Optimization for Sequential Loads	33	14,388.36	3,059.28	17,447.64
Srihari, Dr. Krishnaswa	Sanmina Corporation	Research in Electronics Manufacturing	50	7,451.35	1,157.35	8,608.70
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	Analog Devices	System in Package (SiP) Assembly Engineering Research and Development	50	23,746.68	4,614.14	28,360.82
Srihari, Dr. Krishnaswa	Raymond Corporation	Raymond Logistics Network Support and Optimization	50	17,115.12	4,329.68	21,444.80
Srihari, Dr. Krishnaswa	Cooper University Health Care	Redesign of Care Processes and Workflows to Facilitate the Implementation of a Customer Relationship Management System	50	11,093.05	2,104.19	13,197.24
Yoon, Dr. Sangwon	Innovation Associates	Migrating Forms of Symphony Pharmacy Workflow System to .Net Platform (including Amendment One)	50	37,152.90	7,469.25	44,622.15
Yoon, Dr. Sangwon	Analog Devices General Trias Incorporated	Dispatching Optimization and Demand Signal Analysis in Semiconductor Testing	50	7,070.42	3,634.36	10,704.77

<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>
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	20,702.51	10,948.57	31,651.07
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	17,115.12	4,329.68	21,444.80
Yoon, Dr. Sangwon	Bennett Distribution Services Limited Liability Corporation	Transportation Management System (TMS) Implementation and Optimization for Sequential Loads	33	14,345.28	3,050.12	17,395.40
Yoon, Dr. Sangwon	Analog Devices General Trias Incorporated	Study of ADGT Dispatching Process Optimization and Automation	50	9,286.31	4,853.10	14,139.40
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	16,346.13	3,655.83	20,001.96
Yoon, Dr. Sangwon	Innovation Associates	Simulation Modeling, Reliability, and Data Analytics Study in Pharmacy Automation	50	55,388.46	9,331.00	64,719.46
Department Total:				\$2,033,443.55		
020 Watson School Deans Office						
Bay, Dr. John S.	National Institute of Standards and Technology	FY 2017 Summer Undergraduate Research Fellowship PML-EE	100	6,036.00	0.00	6,036.00
Ghose, Dr. Kanad	ExSys Technology Incorporated	I/UCRC	50	609.53	60.95	670.48

<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	14,261.27	1,426.13	15,687.39
Ghose, Dr. Kanad	Panduit Corporation	Panduit's Support of the NSF Collaborative Center I/UCRC in Energy-Efficient Systems	50	22,458.61	2,245.86	24,704.47
Ghose, Dr. Kanad	Xilinx	I/UCRC Membership - Xilinx, Inc.	50	2,453.98	245.40	2,699.38
Ghose, Dr. Kanad	Future Facilities Incorporated	Future Facilities ES2 Membership	50	675.99	67.60	743.59
Ghose, Dr. Kanad	Callsign Incorporated	ES2 Membership-Callsign Inc.	34	3,090.35	309.04	3,399.38
Ghose, Dr. Kanad	Intel Corporation	Intel Membership in the I/UCRC ES2	50	0.84	0.08	0.92
Ghose, Dr. Kanad	IBM Corporation	I/UCRC Membership - IBM	50	134.41	13.44	147.85
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	Corning Incorporated	I/UCRC Membership- Corning Incorporated	50	5,488.10	548.81	6,036.91
Ghose, Dr. Kanad	7x24 Exchange International	Support of the Center for Energy-Smart Electronic Systems (ES2)	100	7,341.82	734.18	8,076.00
Keesler, Ms. Janet	Iberdrola USA Foundation	Watson School Capstone Senior Capstone Design Experience	100	38,221.27	0.00	38,221.27
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2015-2020	50	128.18	10.25	138.43

<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>
Kent, Ms. Shanise N.	National Science Foundation	The State University of New York (SUNY) LSAMP: Meeting the Grand Challenge of Preparing Students for Successful Transition into STEM Majors and Beyond	100	17,888.06	0.00	17,888.06
Kent, Ms. Shanise N.	National Science Foundation	The State University of New York (SUNY) LSAMP: Meeting the Grand Challenge of Preparing Students for Successful Transition into STEM Majors and Beyond	100	6,475.00	0.00	6,475.00
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	9,743.83	779.51	10,523.34
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	4,257.91	340.64	4,598.55
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	9,836.12	212.22	10,048.34
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	315.67	25.26	340.92
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	2,785.39	-161.99	2,623.40
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	2015-2018 SUNY LSAMP Bridge to the Doctorate at Binghamton University	100	423,733.91	0.00	423,733.91
Kent, Ms. Shanise N.	NYS Education Department	Science and Technology Entry Program (STEP) 2016-2017	50	12,743.28	1,019.46	13,762.74

<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>
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	1,226.99	122.70	1,349.69
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	338.00	33.80	371.80
Murray, Dr. Bruce T	Corning Incorporated	Corning's Membership in the I/UCRC for Energy-Smart Electronic Systems	25	7,130.63	713.06	7,843.70
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	11,229.30	1,122.93	12,352.23
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	Incodema3D LLC	Incodema3D's Membership in the IEEC	100	2,309.10	461.82	2,770.92
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	43,557.16	8,711.44	52,268.60

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Park, Dr. Seungbae	Analog Devices	Analog Devices Membership in the IEEC 2016, 2017	100	60,592.61	12,118.52	72,711.13
Park, Dr. Seungbae	Advanced Semiconductor Engineering Incorporated	ASE's Membership in the IEEC, 2015-2017	100	96,664.94	19,332.99	115,997.93
Park, Dr. Seungbae	Sanmina Corporation	Sanmina's Participating Membership in the IEEC	100	1,453.19	290.64	1,743.83
Park, Dr. Seungbae	SensAttire LLC	SensAttire LLC's Participating Membership in the IEEC	100	2,500.00	500.00	3,000.00
Park, Dr. Seungbae	Prismark Partners LLC	Prismark Partner's Participating Membership in the IEEC	100	20,789.09	4,158.22	24,947.31
Park, Dr. Seungbae	B.W. Elliott Manufacturing Company LLC	B.W. Elliot Manufacturing's Membership in the IEEC	100	3,414.30	682.86	4,097.16
Park, Dr. Seungbae	E.I. du Pont de Nemours and Company	DuPont's Membership in the IEEC	100	2,500.00	500.00	3,000.00
Park, Dr. Seungbae	Lockheed Martin Systems Integration Company	Lockheed Martin's Membership in the IEEC, 2016	100	29,129.47	5,825.89	34,955.36
Park, Dr. Seungbae	MACOM Technical Solutions Incorporated	MACOM's Participating Membership in the IEEC	100	2,965.39	593.08	3,558.47
Park, Dr. Seungbae	Amphenol Aerospace Operations	2016 -2017 Amphenol Aerospace's Support of the IEEC	100	433.00	86.60	519.60
Park, Dr. Seungbae	Koh Young Technology Incorporated	Koh Young Technology's Support of the IEEC 2017-2018	100	13,898.16	2,779.63	16,677.79
Park, Dr. Seungbae	National Transportation Safety Board	NTSB-D-16-001 Solid-State "Chip" Level Examination, Recovery, and Research Study Support Services - Task Order ANC17FA001	100	761.14	426.24	1,187.38

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Park, Dr. Seungbae	MOSAIC Microsystems	Mosaic Microsystems Participating Membership in the IEEC 2017-2018	100	755.88	151.18	907.06
Park, Dr. Seungbae	Team World Corporate Programs	IEEC Participating Membership Team World	100	2,500.00	500.00	3,000.00
Park, Dr. Seungbae	Juniper Networks Incorporated	Juniper Network Membership in the IEEC PO #1 500044647 PO #2 500053405 PO #3 500060035	100	48,503.49	9,700.70	58,204.19
Park, Dr. Seungbae	Elliott Manufacturing Actuant Corporation	IEEC Membership- Elliott Manufacturing	100	866.56	173.31	1,039.87
Park, Dr. Seungbae	Custom Electronics Incorporated	Custom Electronics Participating Membership in the IEEC	100	14,484.99	2,897.00	17,381.99
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	90,829.06	18,165.81	108,994.87
Park, Dr. Seungbae	Endicott Research Group Incorporated	Endicott Research Group's Participating Membership in the IEEC	100	2,500.00	500.00	3,000.00
Park, Dr. Seungbae	IBM Corporation	IEEC Membership- IBM 2017 Agreement No 49103015695	100	51,080.18	10,216.04	61,296.22
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	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	75.59	15.12	90.71

<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	Raymond Corporation	IEEC Participating Membership 2015-2017 - Raymond Corp.	100	2,548.21	509.64	3,057.85
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	i3 Electronics Incorporated	IEEC Membership 2015/2018 -i3 Electronics	100	2,016.58	403.32	2,419.90
Park, Dr. Seungbae	Xilinx	IEEC Membership - Xilinx	100	1,390.64	278.53	1,669.17
Park, Dr. Seungbae	Vergason Technology Incorporated	IEEC Membership-Vergason Technology	100	12.49	2.50	14.99
Park, Dr. Seungbae	Corning Incorporated	IEEC Membership 2015-2017 - Corning Inc.	100	51,433.94	10,286.79	61,720.73
Park, Dr. Seungbae	NYS Department of Economic Development	Center for Advanced Technology September 1, 2015-June 30, 2020	100	788,768.03	88,310.94	877,078.97
Park, Dr. Seungbae	NYS Department of Economic Development	Center for Advanced Technology September 1, 2015-June 30, 2020	100	87,744.07	5,786.96	93,531.03
Park, Dr. Seungbae	BessTech LLC	IEEC Membership - BessTech 2015/2016	100	421.52	84.30	505.82
Park, Dr. Seungbae	Kulicke and Soffa Industries Incorporated	IEEC Membership 2015/2016	100	142.90	28.58	171.48
Partell, Mr. Peter	National Science Foundation	Leveraging SUNY LSAMP to Build Better STEM Pathways and Prepare Global STEM Scholars	100	22,524.07	0.00	22,524.07
Partell, Mr. Peter	National Science Foundation	Leveraging SUNY LSAMP to Build Better STEM Pathways and Prepare Global STEM Scholars	100	16,046.66	8,504.73	24,551.39

<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	Empire State Development Corp	Manufacturing Platform Process Development for Flexible Hybrid Electronics with Focus on Manufacturing Elements for Medical Devices	100	44,224.18	14,000.00	58,224.18
Poliks, Dr. Mark D	Corning Incorporated	Roll-to-Roll Fabrication (R2R) Fabrication of Electronic Corning Willow Glass Surfaces	100	148,193.17	81,506.25	229,699.42
Poliks, Dr. Mark D	Empire State Development Corp	ESD Match- NextFlex Project 2.2	100	500,000.00	14,000.00	514,000.00
Poliks, Dr. Mark D	Empire State Development Corp	ESD Match- NextFlex Project 2.8	100	12,068.90	6,758.58	18,827.48
Poliks, Dr. Mark D	Flex Tech Alliance	NextFlex Project 2.8 Assessment and Optimization of the Reliability of Wearable Performance Monitors	100	11,393.65	6,380.44	17,774.09
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	457.81	256.37	714.18
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	10,203.92	4,633.43	14,837.34
Poliks, Dr. Mark D	Flex Tech Alliance	Manufacturing Platform Process Development for Flexible Hybrid Electronics with Focus on Manufacturing Elements for Medical Devices	100	44,224.19	14,000.00	58,224.19
Poliks, Dr. Mark D	Flex Tech Alliance	Manufacturing Platform Process Development for Flexible Hybrid Electronics with Focus on Manufacturing Elements for Medical Devices	100	125,486.25	64,887.62	190,373.87
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	108,790.87	55,538.21	164,329.08
Poliks, Dr. Mark D	Flex Tech Alliance	Manufacturing Platform Process Development for Flexible Hybrid Electronics with Focus on Manufacturing Elements for Medical Devices	100	457.82	256.38	714.20

<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>
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	1,226.99	122.70	1,349.69
Sammakia, Dr. Bahgat G	Multiple Sponsors	ES2 IAB Donation Multiple Sponsors	34	98.52	9.85	108.37
Sammakia, Dr. Bahgat G	Huawei Technologies Company Limited	Huawei Corporation's Membership in the I/UCRC for Energy-Smart Electronic Systems	34	10,793.85	1,079.38	11,873.24
Sammakia, Dr. Bahgat G	TUL Corporation	Tul Corporation's Membership in the I/UCRC for Energy-Smart Electronic Systems	34	7,727.27	772.73	8,500.00
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	Center of Excellence 2016/2017	100	598,901.15	64,628.57	663,529.72
Sammakia, Dr. Bahgat G	Future Facilities Incorporated	Future Facilities ES2 Membership	25	338.00	33.80	371.80
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	Center of Excellence 2016/2017	100	14,767.97	2,215.20	16,983.17
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	Center of Excellence 2016/2017	100	22,149.93	3,322.49	25,472.42
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	Center of Excellence 2016/2017	100	14,767.96	2,215.19	16,983.15
Sammakia, Dr. Bahgat G	Corning Incorporated	Corning's Membership in the I/UCRC for Energy-Smart Electronic Systems	25	7,130.63	713.06	7,843.70

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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	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	NYS Department of Economic Development	Center of Excellence 2016/2017	100	226,701.96	33,919.94	260,621.90
Sammakia, Dr. Bahgat G	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	34	32,368.27	18,009.43	50,377.70
Sammakia, Dr. Bahgat G	Intel Corporation	Intel Membership in the I/UCRC ES2	25	0.42	0.04	0.46
Sammakia, Dr. Bahgat G	Callsign Incorporated	ES2 Membership-Callsign Inc.	33	2,999.45	299.95	3,299.40
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
Sammakia, Dr. Bahgat G	National Science Foundation	Collaborative Center: I/UCRC in Center for Energy-Smart Electronic Systems (ES2)	34	1,978.38	1,048.54	3,026.91
Sammakia, Dr. Bahgat G	IBM Corporation	I/UCRC Membership - IBM	25	67.21	6.72	73.93
Sammakia, Dr. Bahgat G	Corning Incorporated	I/UCRC Membership- Corning Incorporated	25	2,744.05	274.41	3,018.46
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	Center of Excellence 2015/2016	100	82,469.25	2,957.93	85,427.18

<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	NYS Department of Economic Development	Center of Excellence 2015/2016	100	7,055.77	427.72	7,483.49
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	Center of Excellence 2015/2016	100	1,014.59	115.27	1,129.86
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	Center of Excellence 2015/2016	100	5,443.28	0.00	5,443.28
Sammakia, Dr. Bahgat G	Panduit Corporation	Panduit's Support of the NSF Collaborative Center I/UCRC in Energy-Efficient Systems	25	11,229.30	1,122.93	12,352.23
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	Multiple Sponsors	Lean Six Sigma Green Belt Program	100	13,620.50	3,405.13	17,025.63
Srihari, Dr. Krishnaswa	Multiple Sponsors	Blackbelt Income Account	100	1,387.50	346.88	1,734.38
Srihari, Dr. Krishnaswa	Multiple Sponsors	Income from Watson School Continuing Education Miscellaneous Activitites	100	3,256.89	814.22	4,071.11
Srihari, Dr. Krishnaswa	Multiple Sponsors	Flight Simulation 2016/2017	100	31,762.31	7,940.58	39,702.89
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	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

<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	Albany Medical Center	Incorporating Simulation Tools into the LEAN Outpatient Clinic Project	50	15,326.00	3,084.51	18,410.51
Srihari, Dr. Krishnaswa	Montefiore Hospital and Medical Center	Improving the Efficiency and Effectiveness of Healthcare Delivery Amendments 10 and 13	50	15,205.85	3,159.87	18,365.72
Turner, Mr. James N	Nano-Bio Manufacturing Consortium	Sensor for Monitoring Human Biometric Parameters	20	39,883.95	0.00	39,883.95
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	8,856.90	4,193.81	13,050.71
				Department Total:	\$5,061,825.52	
			Organization Total:	\$39,815,565.97		