

Sponsored Programs Expenditure Report

For the period July 1, 2023 - November 30, 2023



<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						
Bryant, Dr. Sharon A	US Department of Education	Ronald E. McNair Post-Baccalaureate Achievement 2022-2027	100	\$38,900	\$0	\$38,900
Bryant, Dr. Sharon A	US Department of Education	Ronald E. McNair Post-Baccalaureate Achievement 2022-2027	100	\$88,500	\$7,080	\$95,580
Fegley, Dr. Megan Elizabeth Audrey	University of Georgia	Momentary Assessment of Research Learning Enviroments	100	\$9,884	\$4,942	\$14,827
Imbruce, Dr. Valerie	National Endowment for the Humanities	Situating Chemical Elements in the Human World to Innovate Undergraduate Education	50	\$60	\$34	\$94
Imbruce, Dr. Valerie	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$10,540	\$1,997	\$12,537
Imbruce, Dr. Valerie	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$609	\$0	\$609
Light, Dr. Caitlin J.	National Science Foundation	REU Site: Early Collaborative Research Experience In Microbial Biofilm Development, Resistance, & Community Structure	90	\$5,407	\$3,082	\$8,489
Light, Dr. Caitlin J.	National Science Foundation	REU Site: Early Collaborative Research Experience In Microbial Biofilm Development, Resistance, & Community Structure	90	\$21,365	\$0	\$21,365
Loewen, Mr. Donald J	Multiple Sponsors - Nonsponsored	GROK Global Services	100	\$55,926	\$0	\$55,926
Ortiz, Stephen	Arnold and Mabel Beckman Foundation	Beckman Scholars Program 2022	100	\$7,913	\$0	\$7,913

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Ortiz, Stephen	Arnold and Mabel Beckman Foundation	Beckman Scholars Program 2022	100	\$6,352	\$0	\$6,352
Ortiz, Stephen	Arnold and Mabel Beckman Foundation	Beckman Scholars Program 2022	100	\$8,223	\$0	\$8,223
Ortiz, Stephen	Arnold and Mabel Beckman Foundation	Beckman Scholars Program 2022	100	\$4,185	\$0	\$4,185
Pitarresi, Dr. James	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$10,540	\$1,997	\$12,537
Pitarresi, Dr. James	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$609	\$0	\$609
Withers, Ms. Michelle D	National Science Foundation	RCN-UBE: Networking STEM initiatives to enhance (NSITE) adoption of Evidence-Based Practices	100	\$15,410	\$8,784	\$24,194
Withers, Ms. Michelle D	National Science Foundation	RCN-UBE: Networking STEM initiatives to enhance (NSITE) adoption of Evidence-Based Practices	100	\$19,261	\$0	\$19,261
Withers, Ms. Michelle D	National Science Foundation	Facilitating Widespread Implementation of Teaching Strategies Known to Promote Student Success throughout a State System of Colleges	100	\$3,872	\$2,207	\$6,080
Department Total:				\$337,681		

020 Anthropology

Digangi, Dr. Elizabeth Ann	US Department of Justice	A Virtual Anthropological Approach to the Study of Commingled Human Remains	100	\$14,903	\$553	\$15,456
Lipo, Dr. Carl	National Science Foundation	Climate Change Impacts on the Past and Future Coastal Freshwater Resources of Oceanic Islands	100	\$8,291	\$2,156	\$10,446
Lipo, Dr. Carl	International Archaeological Research Institute	DPAA Mission Designation 23-1SB and 23-4SB IARII HQ0761-18-2-0001	100	\$55,131	\$14,334	\$69,465

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Lipo, Dr. Carl	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Lipo, Dr. Carl	International Archaeological Research Institute	DPAA Terrestrial Investigation Mission 22- 1GU, Activity #75 Bundschu Ridge, Asan-Maina Municipality, Guam	100	\$927	\$241	\$1,168
Merriwether, Dr. David A	Alpaca Research Foundation	Candidate Gene Sequencing for Choanal Atresia in Camelids	100	\$207	\$0	\$207
Merriwether, Dr. David A	Multiple Sponsors	Forensic Services- Andy Merriwether Lab	100	\$607	\$121	\$728
Mixter, Dr. David	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Van Dyke, Dr. Ruth	National Park Service	Condition Assessment and Emergency Treatment of Managed Archaeological Sites on Chacra Mesa	100	\$7,157	\$1,252	\$8,409
Van Dyke, Dr. Ruth	National Park Service	Inventory and Assessment of Archaeological Resources within Chaco Culture National Historical Park Outlier Units- Master Cooperative Agreement P18AC01129	100	\$15,102	\$2,643	\$17,745
Wander, Dr. Katherine	National Science Foundation	Human adaption in high-pathogen enviroments: iron, infection, and child growth and development	100	\$2,133	\$1,216	\$3,349
Wander, Dr. Katherine	National Science Foundation	Human adaption in high-pathogen enviroments: iron, infection, and child growth and development	100	\$3,000	\$0	\$3,000
Wander, Dr. Katherine	National Science Foundation	Collaborative Research: The Anthropology of Demographic Transition and Livelihood Diversification	100	\$5,858	\$1,523	\$7,382
Department Total:				\$137,733		

020 Art History

Smart, Dr. Pamela	Getty Foundation	Supplemental Funds Getty Indian Ocean Exchanges	100	\$8,823	\$882	\$9,705
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Smart, Dr. Pamela	National Endowment for the Humanities	Situating Chemical Elements in the Human World to Innovate Undergraduate Education	50	\$60	\$34	\$94
Smart, Dr. Pamela	Getty Foundation	Indian Ocean Exchanges	100	\$1,538	\$539	\$2,077
Department Total:				\$11,876		

020 Arts and Sciences Dean

Brenton, Mr. Barrett	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Iacobucci, Jennifer	SUNY System Administration	Research Seed Grant Program	100	\$16,082	\$0	\$16,082
Massey, Dr. Sean	NYS Department of Health	Health & Human Services for Lesbian, Gay, Bisexual, and Transgender Individuals, Families, & Communities	33	\$16,500	\$2,475	\$18,975
Massey, Dr. Sean	NYS Department of Health	Health & Human Services for Lesbian, Gay, Bisexual, and Transgender Individuals, Families, & Communities	33	\$3,561	\$534	\$4,095
Patel, Dr. Nirav S	Rochester Institute of Technology	2023 Student- Fac Research Prog., Food Spoilage Mitigation through Packaging: Attitudes towards PFAS in packaging	100	\$23,844	\$7,272	\$31,116
Silberstein, Dr. Dara	NYS Department of Health	Health & Human Services for Lesbian, Gay, Bisexual, and Transgender Individuals, Families, & Communities	33	\$16,500	\$2,475	\$18,975
Silberstein, Dr. Dara	NYS Department of Health	Health & Human Services for Lesbian, Gay, Bisexual, and Transgender Individuals, Families, & Communities	33	\$3,561	\$534	\$4,095
Wang, Dr. Yuxin	Rochester Institute of Technology	NYSP21-2022 R&D: Develop effective thermal practice and adsorption method to eliminate perfluorinated substances	60	\$32,774	\$5,474	\$38,248
Department Total:				\$131,773		

020 Asian Asian-American Studies

<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. Sungdai	Academy of Korean Studies	Reinforcing the Status of Korean as a World Language: Theoretical and Applied Korean Linguistics	100	\$39,734	\$3,973	\$43,708
				Department Total:	\$43,708	
020 Binghamton Foundation						
Benner, Ms. Rebecca	Foundation of SUNY at Binghamton	Fellowship Program on Behalf of the BU Foundation/Graduate School	100	\$43,019	\$6,453	\$49,472
				Department Total:	\$49,472	
020 Biological Sciences						
Cook, Dr. Laura	National Institute of Allergy & Infectious Disease	Transcriptomic and Genetic Differences of Group A Streptococcus in Humans: Acute Infection Versus Carriage	100	\$29,579	\$9,046	\$38,625
Davies, Dr. David	National Science Foundation	Collaborative Research: GCR: Infection-Resisting Resorbable Scaffolds for Engineering Human Tissue	33	\$7,752	\$3,355	\$11,106
Marques, Dr. Claudia	National Inst of Environmental Health Sciences	Engineering a Small Intestinal Microbiome To Evaluate Food Additive Exposure	50	\$29,374	\$9,047	\$38,421
Marques, Dr. Claudia	National Science Foundation	Collaborative Research: GCR: Infection-Resisting Resorbable Scaffolds for Engineering Human Tissue	33	\$7,752	\$3,355	\$11,106
McKenney, Dr. Peter	National Institute of Allergy & Infectious Disease	Context-specific modulation of Clostridioides difficile virulence by Vancomycin-resistant Enterococcus faecium	100	\$37,220	\$20,947	\$58,166
Prior, Dr. Kirsten	National Science Foundation	EAGER: Uncovering the Role of Altered Cryptic Interactions in Driving the Demographic Success of a Range-Expanding Species	100	\$2,801	\$454	\$3,255
Sauer, Dr. Karin	National Institute of Allergy & Infectious Disease	Dispersion and the Biofilm Matrix of Pseudomonas aeruginosa	100	\$177,491	\$54,041	\$231,531
Sauer, Dr. Karin	National Science Foundation	REU Site: Early Collaborative Research Experience In Microbial Biofilm Development, Resistance, & Community Structure	10	\$601	\$342	\$943

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Sauer, Dr. Karin	National Science Foundation	REU Site: Early Collaborative Research Experience In Microbial Biofilm Development, Resistance, & Community Structure	10	\$2,374	\$0	\$2,374
Sauer, Dr. Karin	National Science Foundation	Collaborative Research: GCR: Infection-Resisting Resorbable Scaffolds for Engineering Human Tissue	34	\$7,987	\$3,456	\$11,443
Schertzer, Dr. Jeffrey W	National Institute of Allergy & Infectious Disease	Pathogen Synergy Through Cross-Species Induction of Outer Membrane Vesicle Biogenesis	100	\$15,357	\$11,863	\$27,220
Schertzer, Dr. Jeffrey W	National Institute of General Medical Sciences	Small-molecule membrane interactions as a driver of bacterial outer membrane vesicle biogenesis across species	50	\$10,986	\$5,980	\$16,966
Sobel, Dr. James	National Science Foundation	Collaborative Research: ROL: Rapid Evolution of Reproductive Isolation via Hybrid Seed Lethality in Mimulus	100	\$8,559	\$4,878	\$13,437
Department Total:				\$464,594		

020 Biomedical Engineering

German, Dr. Guy K	Multiple Sponsors	Susan Pardee Baker Trust - Unrestricted Research Support	100	\$784	\$118	\$901
Hookway, Dr. Tracy	National Heart Lung and Blood Institute	Heterotypic impacts on epicardial cells on engineered cardiac microtissue function	100	\$36,833	\$20,474	\$57,306
Hookway, Dr. Tracy	National Science Foundation	CAREER: Engineering Autonomic Control of Cardiac Tissues	100	\$14,633	\$8,016	\$22,648
Hookway, Dr. Tracy	American Heart Association Incorporated	Modeling cardiac fibrosis: a 3D co-culture of cardiomyocytes, cardiac fibroblasts, and extracellular matrix components	100	\$11,541	\$0	\$11,541
Jin, Dr. Sha	National Inst of Biomedical Imaging and Bioenginee	Generation of Islet Organoids in Oxygenated Scaffolds	75	\$11,225	\$5,975	\$17,200
Jin, Dr. Sha	National Science Foundation	Molecular mechanisms of tissue specific signaling for islet self-assembly	80	\$15,542	\$8,407	\$23,949

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Jin, Dr. Sha	Rochester Institute of Technology	NYSP21-2022 R&D: Reducing Food Waste by Converting it into Eco-Friendly Biodegradable Plastics	50	\$15,477	\$4,721	\$20,198
Koh, Dr. Ahyeon	National Science Foundation	Stretchable Papertronics	50	\$2,873	\$1,638	\$4,511
Koh, Dr. Ahyeon	National Science Foundation	CAREER: Artificial Extracellular Matrix Biosensors (e-ECM)	100	\$25,004	\$10,627	\$35,631
Koh, Dr. Ahyeon	Sete Digital LTDA	Apolo Project	100	\$12,611	\$7,188	\$19,800
Li, Dr. Yizeng	National Science Foundation	CAREER: Impacts of Intracellular and Extracellular Hydraulic En.	100	\$10,360	\$5,905	\$16,266
Lu, Dr. Fake (Frank)	National Institute of General Medical Sciences	Exploiting the Hydrophobic Glycosyl Pocket of IgG1 for Imaging and Drug Delivery Applications	25	\$15,037	\$8,357	\$23,394
Lu, Dr. Fake (Frank)	National Science Foundation	EAGER: Establishing Near-Ultraviolet Coherent Anti-Stokes Raman Scattering Microscopy for Highly Sensitive Imaging of Native Biomolecules	100	\$14,695	\$5,153	\$19,848
Lu, Dr. Fake (Frank)	National Institute of General Medical Sciences	Low-Power Stimulated Raman Time-Lapse Microscope for Tracking Dynamics and Fate of Lipid Droplets in Glioma Cells	100	\$44,171	\$24,612	\$68,783
Mahler, Dr. Gretchen J	National Inst of Environmental Health Sciences	Engineering a Small Intestinal Microbiome To Evaluate Food Additive Exposure	50	\$29,374	\$9,047	\$38,421
Mahler, Dr. Gretchen J	National Science Foundation	Mechanobiology of Myofibroblast Behavior in Health and Disease	25	\$772	\$440	\$1,212
Wan, Dr. Yuan	Carnegie Mellon University	Lipid nanoprobe integrated microdevice for extracellular vesicle isolation and duplex sequencing based mutation detection for non-invasive lung cancer diagnosis	100	\$9,999	\$5,699	\$15,698
Wan, Dr. Yuan	National Cancer Institute	Liquid biopsy of solitary pulmonary nodule with extracellular vesicles	100	\$125,415	\$71,487	\$196,902

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Wan, Dr. Yuan	National Cancer Institute	Liquid biopsy of solitary pulmonary nodule with extracellular vesicles	100	\$150,050	\$8,479	\$158,529
Ye, Dr. Kaiming	National Institute of Dental & Craniofacial Res	Development of a Smartphone based infrared fluorescenceimaging intraoral device (SMART-IR-ID) for dentist- guided realtime self-monitoring of periodontal disease	100	\$38,177	\$19,345	\$57,522
Ye, Dr. Kaiming	National Science Foundation	Molecular mechanisms of tissue specific signaling for islet self-assembly	20	\$3,886	\$2,102	\$5,987
Ye, Dr. Kaiming	National Inst of Biomedical Imaging and Bioenginee	Generation of Islet Organoids in Oxygenated Scaffolds	25	\$3,742	\$1,992	\$5,733
Ye, Dr. Kaiming	Johns Hopkins University	NIST (PREP) Consortium Gaithersburg Federal Award 70NANB23H021	100	\$7,937	\$2,064	\$10,000
Ye, Dr. Kaiming	Johns Hopkins University	NIST (PREP) Consortium Gaithersburg Federal Award 70NANB23H021	100	\$41,354	\$10,752	\$52,106
Ye, Dr. Kaiming	Rochester Institute of Technology	NYSP21-2022 R&D: Reducing Food Waste by Converting it into Eco-Friendly Biodegradable Plastics	50	\$15,477	\$4,721	\$20,198
Ye, Dr. Kaiming	National Center for Advancing Translational Sciences	New GORDON RESEARCH CONFERENCE: Advanced Cell and Tissue Biomanufacturing: Technology Development and Innovation through Convergence	100	\$7,719	\$0	\$7,719

Department Total: \$912,004

020 CCPA Deans Office

Anderson, Dr. Elizabeth M.	NYS Education Department	Community Schools Regional Technical Assistance Center (TAC)	25	\$7,273	\$1,651	\$8,924
Bronstein, Dr. Laura R	Multiple Sponsors	CCPA Miscellaneous Income	100	\$9,589	\$1,438	\$11,028

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Bronstein, Dr. Laura R	University of Pennsylvania	Netter Center Regional Training Center Award, Year Three of Three 2022-2023	50	\$654	\$0	\$654
Bronstein, Dr. Laura R	NYS Education Department	Nita M. Lowey 21st Century Community Learning Centers Technical Assistance Resource Center	100	\$112	\$43	\$155
Bronstein, Dr. Laura R	NYS Education Department	Community Schools Regional Technical Assistance Center (TAC)	100	\$27,158	(\$1,850)	\$25,308
Bronstein, Dr. Laura R	Multiple Sponsors	Continuing Education Activities	100	\$1,041	\$156	\$1,198
Bronstein, Dr. Laura R	NYS Education Department	Nita M. Lowey 21st Century Community Learning Centers Technical Assistance Resource Center	100	\$139,175	\$33,753	\$172,928
Edmunds, Ms. Tara	United Way of Broome County Inc	Binghamton University Community Schools	100	\$1,505	\$391	\$1,897
Kida, Ms. LuAnn F	University of Pennsylvania	Netter Center Regional Training Center Award, Year Three of Three 2022-2023	50	\$654	\$0	\$654
Kida, Ms. LuAnn F	US Department of Education	Family Partner Program: Connecting Families to School Mental Health Practice	40	\$12,813	\$496	\$13,309
Kida, Ms. LuAnn F	US Department of Education	Rural Mental Health in Schools Expansion Initiative	25	\$9,266	\$291	\$9,557
Kida, Ms. LuAnn F	US Department of Education	Binghamton University Community Schools PLACE (Partnerships for Learning and Community Engagement) Initiative	30	\$63,083	\$531	\$63,614
Kida, Ms. LuAnn F	NYS Education Department	Community Schools Regional Technical Assistance Center (TAC)	25	\$7,273	\$1,651	\$8,924
Kida, Ms. LuAnn F	National Science Foundation	Engaging Rural Youth in Multidisciplinary Inquiry through Archaeology	25	\$4,042	\$1,051	\$5,093

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Kida, Ms. LuAnn F	United Way of Broome County Inc	Binghamton University Community Schools: UACS Literacy Project: Strengthening Early Literacy and Family Engagement Using a University-Assisted Community Schools Approach	100	\$1,848	\$481	\$2,329
Rimkunas, Dr. Naorah	NYS Education Department	Community Schools Regional Technical Assistance Center (TAC)	50	\$14,546	\$3,302	\$17,847
Rimkunas, Dr. Naorah	US Department of Education	Family Partner Program: Connecting Families to School Mental Health Practice	60	\$19,220	\$743	\$19,963
Rimkunas, Dr. Naorah	US Department of Education	Rural Mental Health in Schools Expansion Initiative	75	\$27,798	\$872	\$28,670
Department Total:				\$392,051		

020 CCPA Human Development

Wilton, Dr. Leo	New York University	Advancing Knowledge on Factors that Promote or Impede Engagement Along the HIV Care Continuum Over Time: A Longitudinal Mixed Methods Study of Black and Latinx Youth/ Emerging Adults Living with HIV: 2023-2024	100	\$13,557	\$7,727	\$21,284
Department Total:				\$21,284		

020 CCPA Public Administration

Homsy, Dr. George C	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Mischen, Dr. Pamela	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Department Total:				\$377		

020 CCPA Social Work

<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>
Adams, Ms. Monica	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Young, Dr. Sarah	NYS Department of Health	Health & Human Services for Lesbian, Gay, Bisexual, and Transgender Individuals, Families, & Communities	34	\$17,000	\$2,550	\$19,550
Young, Dr. Sarah	NYS Department of Health	Health & Human Services for Lesbian, Gay, Bisexual, and Transgender Individuals, Families, & Communities	34	\$3,669	\$550	\$4,219

Department Total: \$23,957

020 CCPA Teaching Learning Educ Leadership

Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partnerships Program 2022-2023	100	\$196,651	\$15,656	\$212,308
Humphrey, Ms. Amy L.	NYS Education Department	Liberty Partnership Program 2023-2024	100	\$134,353	\$10,748	\$145,101
Humphrey, Ms. Amy L.	Multiple Sponsors	Income Account for Liberty Partnership Activities	100	\$149,682	\$11,975	\$161,657
Malin, Dr. Jo E.	US Department of Education	Talent Search Program 2021-2026	100	\$135,137	\$10,811	\$145,948
Mason-Williams, Dr. Loretta	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Mellin, Dr. Elizabeth	US Department of Education	Binghamton University Community Schools PLACE (Partnerships for Learning and Community Engagement) Initiative	70	\$147,195	\$1,239	\$148,433
Simpson, Dr. Amber	National Science Foundation	Collabarative Research: Engineering a Community Family Partnership: Developing a Program Aimed at Making & Design Practices in Home Enviroments	100	\$6,421	\$3,660	\$10,082
Simpson, Dr. Amber	National Science Foundation	Engaging Rural Youth in Multidisciplinary Inquiry through Archaeology	25	\$4,042	\$1,051	\$5,093

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Simpson, Dr. Amber	National Science Foundation	Collaborative Research: The Notion of Failure and Maker Programming for Youth: Supporting the Professional Development, Reflection, and Learning of Informal Educators	100	\$183,239	\$104,446	\$287,686
Simpson, Dr. Amber	National Security Agency	2022 GenCyber Grant Program- State University of New York at Binghamton	25	\$10,727	\$5,363	\$16,090
Simpson, Dr. Amber	National Security Agency	2022 GenCyber Grant Program- State University of New York at Binghamton	25	\$6,647	\$0	\$6,647

Department Total: \$1,139,232

020 Chemistry

Callahan, Dr. Brian P	National Institute of Allergy & Infectious Disease	Rapid SARS-CoV-2 Detection Using Amplicon Templated Reported Enzyme Assembly	100	\$5,358	\$3,054	\$8,412
Callahan, Dr. Brian P	Rensselaer Polytechnic Institute	Structural Mechanisms of Hedgehog Autoprocessing in Physiology and Disease PTE 1R01CA206592-01-A1 - Subaward A12815	100	(\$40)	(\$22)	(\$62)
Callahan, Dr. Brian P	SUNY System Administration	Research Seed Grant Program	100	\$15,440	\$0	\$15,440
Fang, Dr. Jiye	National Science Foundation	Manipulating and Exploiting Lattice Strain as a Novel Platform to Tune the Surface Work Function of Matallic Nanocatalysts	100	\$67,101	\$38,248	\$105,349
Goyal, Dr. Puja	National Institute of General Medical Sciences	Towards Rational Design of the Photocontrol of Calmodulin-Protein Interactions	100	\$16,444	\$9,373	\$25,818
Goyal, Dr. Puja	National Institute of General Medical Sciences	Regulation of bidirectional transport of the nucleus by adapter proteins	5	\$5,013	\$1,195	\$6,208
Grewer, Dr. Christof	Icahn School of Medicine at Mount Sinai	Substrate Specificity Determinants in Nutrient Solute Carrier Transports	100	\$4,802	\$2,737	\$7,539
Grewer, Dr. Christof	National Institute of General Medical Sciences	How to combat Glutamate Release by Reverse Transport: Mechanistic Studies and Development of Selective Efflux Inhibitors	100	\$3,931	\$2,241	\$6,171

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Guo, Dr. Huiyuan	American Chemical Society	Imaging of pH in Individual Water-in-Oil Emulsion Droplets	100	\$29,711	\$0	\$29,711
Hirschi, Dr. Jennifer Sue	National Institute of General Medical Sciences	Mechanistic Investigation into Photoredox Catalysis	100	\$49,516	\$27,659	\$77,176
Hirschi, Dr. Jennifer Sue	National Institute of General Medical Sciences	Mechanistic Investigation into Modern Catalytic Reactions	100	\$50,701	\$28,631	\$79,332
Iacabucci, Jennifer	SUNY System Administration	Research Seed Grant Program	100	\$4,439	\$0	\$4,439
Liu, Dr. Hao	American Chemical Society	Understanding the Structural and Electronic Effects on Heterogeneous Catalysis of Aerobic Oxidative Desulfurization	100	\$19,780	\$0	\$19,780
Liu, Dr. Hao	Rochester Institute of Technology	NYSP21-2022 R&D: Develop effective thermal practice and adsorption method to eliminate perfluorinated substances	40	\$21,849	\$3,650	\$25,499
Liu, Dr. Hao	National Science Foundation	Rational Design of Oxide Cathode Coating for High Performance Li-ion Batteries	34	\$15,794	\$8,205	\$23,998
Liu, Dr. Hao	National Science Foundation	CAREER: Enabling High-performance Na-ion Battery Cathodes Via Structural Pillaring	100	\$40,846	\$22,152	\$62,998
Panetier, Dr. Julien	National Institute of General Medical Sciences	Computational Modeling of Carbon Monoxide Dehydrogenase Model Systems for Carbon Dioxide Fixation	100	\$15,022	\$8,562	\$23,584
Panetier, Dr. Julien	Yale University	Nitrogen-Coupled Carbon Dioxide Conversion to Methylamine: Molecular Level Understanding and Tailoring of the Electrocatalysis Federal Award 2154724	100	\$1,582	\$902	\$2,484
Panetier, Dr. Julien	Yale University	Nitrogen-Coupled Carbon Dioxide Conversion to Methylamine: Molecular Level Understanding and Tailoring of the Electrocatalysis- Prime Award 2154724 AWD0008113/22-002139	100	\$10,580	\$5,762	\$16,343

<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>
Qiang, Dr. Wei	National Institute of General Medical Sciences	Molecular mechanisms of membrane disruption induced by early-stage aggregation of beta-amyloid peptides	100	\$100,586	\$15,577	\$116,163
Rozners, Dr. Eriks	National Institute of Allergy & Infectious Disease	Targeting SARS-CoV-2 RNA Pseudoknots Using Triplex-Forming Peptide Nucleic Acids	100	\$53,959	\$30,756	\$84,715
Rozners, Dr. Eriks	National Institute of General Medical Sciences	Chemical approaches to control the function of regulatory RNAs	100	\$129,232	\$72,533	\$201,765
Rozners, Dr. Eriks	National Science Foundation	Collaborative Research: Nucleobase-Modified PNA for Sequence Selective Triple-Helical Recognition of Non-Coding RNA	100	\$44,599	\$23,406	\$68,006
Solmaz, Ms. Sozanne	National Institute of General Medical Sciences	Regulation of bidirectional transport of the nucleus by adapter proteins	95	\$95,250	\$22,700	\$117,950
Swierk, Dr. John	National Science Foundation	CAREER:CAS: Mechanistic Investigation of Photoredox Reactions	100	\$38,716	\$21,503	\$60,219
Swierk, Dr. John	National Institute of General Medical Sciences	Photochemical transformations of multicomponent aggregates containing photolabile small molecules, heavy metal ions, and/or nanoparticles in biological environments	100	\$21,398	\$12,197	\$33,595
Vetticatt, Dr. Mathew	National Institute of General Medical Sciences	Mechanistic Studies at the Frontiers of Catalysis	100	\$108,198	\$60,543	\$168,741
Whittingham, Dr. M Stanley	DiMien LLC	STTR Phase II: Multi-Electron Intercalation Reactions for High Capacity Lithium Batteries	100	\$102,143	\$58,221	\$160,364
Whittingham, Dr. M Stanley	LG Energy Solutions	A Cobalt and Nickel Free High Energy Density Intercalation Cathode for Lithium or Lithium-ion Batteries	100	\$12,298	\$7,010	\$19,307
Whittingham, Dr. M Stanley	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$10,540	\$1,997	\$12,537
Whittingham, Dr. M Stanley	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$609	\$0	\$609

<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>
Whittingham, Dr. M Stanley	NYS Energy Research and Development Authority	Agreement 154461: empowerST: Empowering Energy Storage Entrepreneurship in the Southern Tier	50	\$18,903	\$10,774	\$29,677
Whittingham, Dr. M Stanley	Pacific Northwest National Laboratory	Battery 500: Controlling Electrochemical Reactions from Electrodes to Cells Work performed at Binghamton University, Binghamton, New York, USA	100	\$28,712	\$16,138	\$44,850
Whittingham, Dr. M Stanley	University of Maryland	FFATA: Advancing Transformational Army Batteries, II	100	\$34,257	\$19,526	\$53,783
Zhong, Dr. Chuan Jian	National Science Foundation	CAS: Role of Dynamic Surface/ Subsurface Oxygenation of Noble Metal/ 3d-Transition Metal Alloy Nanoparticles in Oxidation Reactions	100	\$21,501	\$11,987	\$33,489
Zhong, Dr. Chuan Jian	AI Biosciences Incorporated	An Ultrasensitive and Low-Cost p24 Antigen Test for the Early Detection of HIV NIH Award 1R43AI165094-01A1	100	\$7,949	\$3,966	\$11,916
Zhong, Dr. Chuan Jian	Geneva Foundation	Integrative Impedance-Based Thin Film Detector for Operational Vapor Sensing PTE Federal Award HU00012320068	100	\$705	\$402	\$1,108
Zhong, Dr. Chuan Jian	Meecotech Incorporated	Unrestricted Research	100	\$8,400	\$1,260	\$9,660

Department Total: \$1,768,671

020 Computer Science

Blackburn, Dr. Jeremy	National Science Foundation	Collaborative Research: SaTC: TTP: Medium: iDRAMA.cloud: A Platform for Measuring and Understanding Information Manipulation	100	\$27,740	\$5,179	\$32,919
Blackburn, Dr. Jeremy	National Science Foundation	CAREER: Towards a Data-Driven Understanding of Online Sentiment	100	\$52,398	\$28,072	\$80,470
Blackburn, Dr. Jeremy	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188

<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>
Blackburn, Dr. Jeremy	National Science Foundation	Collaborative Research: SaTC: Core: Small: Detecting Accounts Involved in Influence Campaigns on Social Media	100	\$17,834	\$9,716	\$27,550
Boubin, Dr. Jayson	Cornell University	Northeast AFRL Regional Research Convergence Hub (NE Hub)	50	\$16,168	\$5,942	\$22,111
Chiu, Dr. Kenneth	Cornell University	Northeast AFRL Regional Research Convergence Hub (NE Hub)	50	\$16,168	\$5,942	\$22,111
Chiu, Dr. Kenneth	National Science Foundation	Spokes: SMALL: NORTHEAST: Collaborative: Building the Community to Address Data Integration of the Ecological Long Tail	100	\$13,724	\$7,823	\$21,547
Chiu, Dr. Kenneth	TOTALEnergies E&P Research & Technology USA, LLC	Performance Measurement, Analysis, and Tuning of Seismic and Machine Learning Workloads	100	\$41,666	\$23,750	\$65,415
Dai, Dr. Weiyang	Cornell University	Basal forebrain connections to the heart and mind in healthy aging	100	\$6,663	\$3,798	\$10,461
Dai, Dr. Weiyang	Feinstein Institute for Medical Research	Functional MRI in Schizophrenia	100	\$17,127	\$9,197	\$26,324
Dai, Dr. Weiyang	National Science Foundation	Mechanics of the Formation of Cortical Folding Patterns in the Developing Human Brain	50	\$20,577	\$10,890	\$31,467
Ghose, Dr. Kanad	University of Texas at Arlington	I/UCRC Phase III University of TX Arlington: Center for Energy-Smart Electronic System (ES2)	50	\$1,594	\$909	\$2,503
Ghose, Dr. Kanad	National Science Foundation	Collaborative Research: CNS Core: Large: Systems and Verifiable Metrics for Sustainable Data Centers	50	\$9,167	\$5,225	\$14,392
Ghose, Dr. Kanad	National Science Foundation	IUCRC Phase III Binghamton University: Center for Energy-Smart Electronic Systems (ES2)	50	\$8,694	\$4,956	\$13,649
Ghose, Dr. Kanad	Villanova University	I/UCRC Phase 111: Center for Energy Smart Electronic Systems (ES2) Subaward No. 525942SUNY	50	\$144	\$82	\$226

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Gopalan, Dr. Kartik	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	15	\$21,694	\$0	\$21,694
Gopalan, Dr. Kartik	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	15	\$6,017	\$3,430	\$9,447
Govindaraju, Dr. Madhusudhan	Multiple Sponsors	CS Internationalization Program	100	\$1,737	\$434	\$2,171
Kang, Dr. Kyoung-Don	National Science Foundation	CNS Core: Small: Toward Real-Time Stream Processing in Edge Devices	100	\$39,709	\$22,069	\$61,778
Liu, Dr. Yu David	National Science Foundation	CNS Core: Small: Language Runtime Support for Energy- Aware Applications	100	\$17,249	\$7,416	\$24,665
Liu, Dr. Yu David	National Science Foundation	Collaborative Research: SaTC: CORE: Medium: Leakage-Free Isolated Execution: Architectures and Security Models	50	\$31,149	\$14,837	\$45,986
Liu, Dr. Yu David	National Science Foundation	Collaborative Research: CNS Core: Large: Systems and Verifiable Metrics for Sustainable Data Centers	50	\$9,167	\$5,225	\$14,392
Lu, Mr. Hui	National Science Foundation	CNS Core: Small: Collaborative: Salvaging Commodity Operating Systems to Support Emerging Networking Technologies	100	\$31,676	\$18,055	\$49,731
Lu, Mr. Hui	National Science Foundation	Career: Rethinking Virtualization in Cloud-Native Systems	100	\$177	\$101	\$279
Naghibijouybari, Dr. Hoda	National Science Foundation	SaTC: CORE: Small: Microarchitectural side channel attacks and defenses in integrated CPU-GPU systems	100	\$39,526	\$15,690	\$55,215
Ponomarev, Dr. Dmitry V	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	15	\$6,017	\$3,430	\$9,447
Ponomarev, Dr. Dmitry V	National Science Foundation	Collaborative Research: SaTC: CORE: Medium: Leakage-Free Isolated Execution: Architectures and Security Models	50	\$31,149	\$14,837	\$45,986

<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>
Ponomarev, Dr. Dmitry V	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	15	\$21,694	\$0	\$21,694
Prakash, Dr. Aravind	National Science Foundation	CAREER: Binary-Level Security via ABI-Centric Semantic Inference	100	\$27,257	\$15,537	\$42,794
Prakash, Dr. Aravind	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	15	\$21,694	\$0	\$21,694
Prakash, Dr. Aravind	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	15	\$6,017	\$3,430	\$9,447
Shin, Dr. Seunghye	National Science Foundation	CAREER: Hardware/Software Co-Design for Serverless Computing	100	\$6,253	\$3,564	\$9,818
Yan, Dr. Guanhua	IBM Corporation	Real-Time Detection of Advanced Malware Attacks with Ensembles of Graph Neural Networks	60	\$14,921	\$0	\$14,921
Yan, Dr. Guanhua	National Science Foundation	Career: Proactive Techniques for Enhancing Security and Resilience of Mobile Communication Infrastructure	100	\$15,321	\$8,733	\$24,053
Yan, Dr. Guanhua	National Security Agency	2022 GenCyber Grant Program- State University of New York at Binghamton	25	\$10,727	\$5,363	\$16,090
Yan, Dr. Guanhua	National Security Agency	2022 GenCyber Grant Program- State University of New York at Binghamton	25	\$6,647	\$0	\$6,647
Yan, Dr. Guanhua	State University of New York	Real-Time Detection of Advanced Malware Attacks with Ensembles of Graph Neural Networks	60	\$12,800	\$0	\$12,800
Yang, Dr. Ping	National Security Agency	2022 GenCyber Grant Program- State University of New York at Binghamton	50	\$13,294	\$0	\$13,294
Yang, Dr. Ping	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	40	\$57,852	\$0	\$57,852

<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>
Yang, Dr. Ping	State University of New York	Real-Time Detection of Advanced Malware Attacks with Ensembles of Graph Neural Networks	40	\$8,534	\$0	\$8,534
Yang, Dr. Ping	National Security Agency	2022 GenCyber Grant Program- State University of New York at Binghamton	50	\$21,453	\$10,727	\$32,180
Yang, Dr. Ping	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	40	\$16,045	\$9,146	\$25,191
Yang, Dr. Ping	IBM Corporation	Real-Time Detection of Advanced Malware Attacks with Ensembles of Graph Neural Networks	40	\$9,947	\$0	\$9,947
Yin, Dr. Lijun	Massachusetts General Hospital	Automatic Analysis of Multi-faceted Administrative Data for Program Evaluation	100	\$17,713	\$4,348	\$22,060
Yu, Dr. Lei	NYS Energy Research and Development Authority	Stability Impact Analysis of the New York Power Grid with High Penetration of Inverter Based Distributed Energy Resources Agreement 159612	40	\$16,000	\$0	\$16,000
Yu, Dr. Lei	US Department of Energy	Asynchronous Distributed and Adaptive Parameter Tuning (ADAPT) for Hybrid PV Plants	25	\$24,246	\$8,275	\$32,521
Zhang, Dr. Shiqi	Ford Motor Company	Ford RIC Unrestricted Support	100	\$37,412	\$5,612	\$43,024
Zhang, Dr. Shiqi	National Science Foundation	NRI: FND: Knowledge-based Robot Sequential Decision Making under Uncertainty	100	\$12,530	\$7,142	\$19,673
Zhang, Dr. Yifan	National Science Foundation	CAREER: Enabling Edge-hosted Private Services via Unikernel based Lightweight Virtualization	100	\$36,219	\$20,080	\$56,299
Department Total:				\$1,228,656		

020 Decker/School of Nursing

Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP) 2023-2024	50	\$24,019	\$1,922	\$25,941
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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>
Bryant, Dr. Sharon A	NYS Education Department	Collegiate Science and Technology Entry Program (C-STEP) 2023-2024	100	\$56,134	\$4,491	\$60,625
Bryant, Dr. Sharon A	NYS Education Department	Science and Technology Entry Program (STEP)	50	\$3,971	\$27	\$3,998
Bryant, Dr. Sharon A	NYS Education Department	Collegiate Science Technology Entry Program 2022-2023	100	\$18,340	(\$2,707)	\$15,633
Bryant, Dr. Sharon A	US Department of Education	Binghamton University Upward Bound Math and Science	50	\$86,836	\$6,931	\$93,767
Fronczek, Ms. Ann	Health Resources and Services Admin	Advancing Nursing Education Workforce	50	\$2,250	\$180	\$2,430
Fronczek, Ms. Ann	Health Resources and Services Admin	Advancing Nursing Education Workforce	50	(\$2,828)	\$0	(\$2,828)
Johnston, Ms. Yvonne	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Rouhana, Dr. Nicole A.	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Rouhana, Dr. Nicole A.	Health Resources and Services Admin	Advanced Nursing Education Workforce	100	\$7,931	\$0	\$7,931
Rouhana, Dr. Nicole A.	Health Resources and Services Admin	Advancing Nursing Education Workforce	50	\$2,250	\$180	\$2,430
Rouhana, Dr. Nicole A.	Health Resources and Services Admin	Advancing Nursing Education Workforce	50	(\$2,828)	\$0	(\$2,828)
Rouhana, Dr. Nicole A.	Health Resources and Services Admin	Advanced Nursing Education Workforce	100	\$25,767	\$2,061	\$27,829

Department Total: \$235,305

<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>
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020 Decker/Speech Language Pathology

Duff, Dr. Dawna	University of South Carolina	Word Learning in Reading and Language Impairment Subgroups PO20000660002/ USC10008542	100	\$52,811	\$30,102	\$82,914
Gabel, Dr. Rodney	Maine Endwell School District	Clinical Placement Agreement Between Maine Endwell Central School District and the Research Foundation For The State University of New York, Binghamton University	100	\$27,612	\$7,179	\$34,792
Gabel, Dr. Rodney	Whitney Point Central School District	Clinical Placement Agreement Between Whitney Point School District and the Research Foundation For The State University of New York, Binghamton University	100	\$56,151	\$14,599	\$70,751
Gabel, Dr. Rodney	National Stuttering Association	How people who stutter experieince and navigate stigma and discrimination in the US labor force: A Phenomenological Analysis	100	\$775	\$0	\$775
Gabel, Dr. Rodney	Family Enrichment Network	Clinical Placement Agreement Between Family Enrichment Network and the Research Foundation For The State University of New York, Binghamton University	100	\$60,221	\$15,657	\$75,878
Gabel, Dr. Rodney	Gigis Playhouse	Clinical Placement Agreement Between GiGi's Playhouse of the Southern Tier and the Research Foundation for the State University of New York, Binghamton University	100	\$10,689	\$2,779	\$13,468

Department Total: \$278,578

020 Economics

Hanes, Dr. Christopher	National Science Foundation	Cliometrics Conferences 2021, 2023, and World Congress for 2022	50	\$2,331	\$606	\$2,937
Hanes, Dr. Christopher	National Science Foundation	Cliometrics Conferences 2021, 2023, and World Congress for 2022	50	\$5,311	\$0	\$5,311
Khanna, Dr. Neha	North Carolina Agricultural and Technical State University	Eir: Enviromental Justice and the Multigenerational Persistence of Environmental Exposure	100	\$10,942	\$5,672	\$16,615

<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>
Pape, Dr. Andreas	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	16	\$320	\$182	\$502
Wolcott, Dr. Susan	National Science Foundation	Cliometrics Conferences 2021, 2023, and World Congress for 2022	50	\$2,331	\$606	\$2,937
Wolcott, Dr. Susan	National Science Foundation	Cliometrics Conferences 2021, 2023, and World Congress for 2022	50	\$5,311	\$0	\$5,311
Wolcott, Dr. Susan	National Science Foundation	Cilometrics Conferences for 2018, 2019, and 2020	100	\$41,847	\$2,201	\$44,048

Department Total: \$77,663

020 Electrical and Computer Engineering

Akyol, Dr. Emrah	National Science Foundation	CAREER: A Holistic Framework for the Analysis of Information Dynamics in Human Networks	100	\$34,637	\$19,178	\$53,815
Chen, Dr. Yu	US Air Force Office of Scientific Research	ERSES-5G: Integrated 5G Imaging and Communication Surveillance as an Edge Service Secured by a Lightweight Environmental Fingerprint Consensus Blockchain	50	\$7,227	\$3,837	\$11,064
Chen, Dr. Yu	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	15	\$6,017	\$3,430	\$9,447
Chen, Dr. Yu	National Science Foundation	CyberCorps Scholarship for Service: Expanding and Strengthening the National Cybersecurity Workforce	15	\$21,694	\$0	\$21,694
Chen, Dr. Yu	National Science Foundation	EAGER: SaTC: SAVED: Secure Audio and Video Data from Deepfake Attacks Leveraging Environmental Fingerprints	100	\$10,379	\$5,916	\$16,295
Chen, Dr. Yu	National Science Foundation	EAGER: SaTC: CORE: Small: Decentralized Assurance by Fair Proof of Work Consensus Federated Ledgers	100	\$17,057	\$9,722	\$26,779
Choi, Dr. Seokheun	National Science Foundation	Stretchable Papertronics	50	\$2,873	\$1,638	\$4,511

<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>
Choi, Dr. Seokheun	National Science Foundation	Rapid, High-Throughput, and Real-time Assessment of Antibiotic Effectiveness against Pathogenic Biofilms	100	\$14,171	\$8,077	\$22,248
Choi, Dr. Seokheun	US Navy Office of Naval Research	Plug-n-Play Micro-Bio-Photovoltaic Panels	100	\$62,656	\$34,019	\$96,675
Das, Dr. Pritam	Mallika Ashwin Maya	Battery Energy Storage System (BESS) with Three Phase Grid Integrated Inverter Using 3D Printed Magnetics Components with Nanocrystalline Soft Magnetic Material (Phase II) DE-SC0021784	55	\$19,773	\$8,061	\$27,833
Das, Dr. Pritam	Nexperia	Experimental verification of a single-stage half-bridge point of load converter with quasi-peak cycle by cycle current controller for point of load 48 points to sub 1 V conversion with fast slew rate LINE ITEM 00010	100	\$22,996	\$13,108	\$36,103
Dhakal, Dr. Tara Prasad	National Science Foundation	PFI-TT: Next Generation High Energy Storage, Light Weight Capacitors	50	\$1,667	\$950	\$2,616
Fridrich, Dr. Jessica J.	National Science Foundation	SaTC: CORE: Medium: Steganography Based on Sensor Capture Models: Replacing Heuristics with Model-Based Designs	100	\$81,995	\$45,904	\$127,899
Klotzkin, Dr. David	Best Epitaxy Manufacturing Company Limited	Optimization of Epitaxial Structures for LiDAR Applications	100	\$8,007	\$4,564	\$12,571
Klotzkin, Dr. David	Best Epitaxy Manufacturing Company Limited	Optimization of Laser Structures for LiDAR Applications	100	\$11,729	\$6,685	\$18,414
Li, Dr. Jian	New York University	RINGS: Resilient Edge Networks with Data-driven Model-based Learning	100	\$15,552	\$8,865	\$24,417
Li, Dr. Jian	US Army Research Office	Resource Constrained Reinforcement Learning for Adaptive Data Analytics in Tactical Networks	100	\$15,712	\$8,956	\$24,668

<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. Jian	US Department of Energy	Asynchronous Distributed and Adaptive Parameter Tuning (ADAPT) for Hybrid PV Plants	25	\$24,246	\$8,275	\$32,521
Li, Dr. Xiaohua	US Air Force Office of Scientific Research	ERSES-5G: Integrated 5G Imaging and Communication Surveillance as an Edge Service Secured by a Lightweight Environmental Fingerprint Consensus Blockchain	50	\$7,227	\$3,837	\$11,064
Zhang, Dr. Ziang	National Science Foundation	PFI-TT: Next Generation High Energy Storage, Light Weight Capacitors	20	\$667	\$380	\$1,047
Zhang, Dr. Ziang	NYS Energy Research and Development Authority	Stability Impact Analysis of the New York Power Grid with High Penetration of Inverter Based Distributed Energy Resources Agreement 159612	60	\$24,000	\$0	\$24,000
Zhang, Dr. Ziang	US Department of Energy	Asynchronous Distributed and Adaptive Parameter Tuning (ADAPT) for Hybrid PV Plants	25	\$24,246	\$8,275	\$32,521
Zhou, Dr. Ning	National Science Foundation	CAREER: Integrated Dynamic State Estimation for Monitoring Power Systems Under High Uncertainty and Variation	100	\$13,860	\$7,445	\$21,305
Zhou, Dr. Ning	Pacific Northwest National Laboratory	Control Strategy Development for Inverter-Based Resources to Improve Oscillation Modes Location of Service, Binghamton University, Binghamton, NY USA	100	\$8,785	\$4,739	\$13,523
Zhou, Dr. Ning	US Department of Energy	Asynchronous Distributed and Adaptive Parameter Tuning (ADAPT) for Hybrid PV Plants	25	\$24,246	\$8,275	\$32,521
Department Total:				\$705,552		

020 Entrepreneurship and Innovation Partnership

Francisco, Mrs. Michele R.	Economic Development Administration	FY2021 Trade Adjustment Assistance Center Service New York, New Jersey, and the Commonwealth of Puerto Rico	100	\$251,922	\$46,507	\$298,428
Iankova, Dr. Elena A	Economic Development Administration	Soft Landings in New York's Southern Tier	50	\$66,553	\$14,996	\$81,549

<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>
Johnson, Ms. Stacey	America Achieves	America Achieves: New Energy New York	50	\$12,340	\$602	\$12,942
Petrova, Dr. Olga	Cornell University	NSF I-Corps Hub (Track 1): Interior Northeast	25	\$22,998	\$5,437	\$28,435
Stromhaug, Dr. Per	Economic Development Administration	New Energy New York: Workforce Development Programs	50	\$446,573	\$66,777	\$513,350
Stromhaug, Dr. Per	Empire State Development Corp	CFA 96852: New Energy New York	50	\$55,441	\$21,067	\$76,508
Stromhaug, Dr. Per	NYS Electric and Gas Corporation	NYSEG Ignition Program Economic Development Innovation & Entrepreneurship Program	100	\$75,000	\$0	\$75,000
Stromhaug, Dr. Per	NYS Department of Economic Development	New York State Business Incubator and Innovation Hot Spot Support Program	100	\$52,430	\$0	\$52,430
Stromhaug, Dr. Per	New Energy Nexus New York	Supercharge New York	100	\$17,598	\$4,575	\$22,173
Stromhaug, Dr. Per	National Science Foundation	I-Corps Teams: Thin Flexible Fuel Cell	100	\$20,783	\$2,311	\$23,095
Stromhaug, Dr. Per	National Science Foundation	Type 1: Innovation Binghamton NSF I-Corps Site	100	\$5,172	\$2,948	\$8,121
Stromhaug, Dr. Per	National Science Foundation	Type 1: Innovation Binghamton NSF I-Corps Site	100	\$18,616	\$0	\$18,616
Stromhaug, Dr. Per	Multiple Sponsors	Export NY Coordinator and Continued CIBA Activities	100	\$73	\$11	\$84
Stromhaug, Dr. Per	Empire State Development Corp	CFA 96852: New Energy New York	50	\$22,768	\$2,858	\$25,626

<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>
Stromhaug, Dr. Per	Empire State Development Corp	CFA 96852: New Energy New York	50	\$2,308	\$877	\$3,185
Stromhaug, Dr. Per	NYS Energy Research and Development Authority	Agreement 154461: empowerST: Empowering Energy Storage Entrepreneurship in the Southern Tier	50	\$18,903	\$10,774	\$29,677
Stromhaug, Dr. Per	Empire State Development Corp	CFA 96852: New Energy New York	50	\$34,231	\$0	\$34,231
Stromhaug, Dr. Per	Appalachian Regional Commission	ARC - New Energy New York	100	\$16,584	\$6,302	\$22,885
Stromhaug, Dr. Per	Economic Development Administration	New Energy New York: Supply Chain Development and Qualification Programs	50	\$186,088	\$0	\$186,088
Stromhaug, Dr. Per	America Achieves	America Achieves: New Energy New York	50	\$12,340	\$602	\$12,942
Stromhaug, Dr. Per	Empire State Development Corp	CFA 96852: New Energy New York	50	\$65,107	\$208,612	\$273,719
Stromhaug, Dr. Per	Cornell University	NSF I-Corps Hub (Track 1): Interior Northeast	25	\$22,998	\$5,437	\$28,435
Stromhaug, Dr. Per	Economic Development Administration	New Energy New York	50	\$52,136	\$12,539	\$64,674
Stromhaug, Dr. Per	Economic Development Administration	Soft Landings in New York's Southern Tier	50	\$66,553	\$14,996	\$81,549
Stromhaug, Dr. Per	Economic Development Administration	New Energy New York: Battery-NY Center Operations	50	\$29,277	\$11,125	\$40,402
Stromhaug, Dr. Per	Economic Development Administration	New Energy New York: Climate Justice and Social Equity Programs	50	\$100,882	\$6,095	\$106,978

<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>
Stromhaug, Dr. Per	Economic Development Administration	New Energy New York: Innovation and Entrepreneurship	50	\$120,674	\$19,506	\$140,180
Stromhaug, Dr. Per	Empire State Development Corp	CFA 96852: New Energy New York	50	\$32,109	\$4,982	\$37,091
Department Total:				\$2,298,394		

020 Geological Sci & Environmental Studies

Lam, Dr. Adriane	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Lam, Dr. Adriane	Trustees of Columbia University in the City of New York	U.S. Science Support Program Office associated with the International Ocean Discovery Program (USSSP-IODP)	100	\$3,307	\$1,885	\$5,192
Lowenstein, Dr. Tim K	Helmholtz-Zentrum Potsdam	Project: Climate ReOrganizations at Synoptic Scale as Recorded in the Offshore Archives of the Dead Sea- EU-MSCA GA 101029939 CROSSROADS D-052-20-001, 49000309	100	\$1,969	\$197	\$2,166
Lowenstein, Dr. Tim K	National Science Foundation	Collaborative Research: Anatomy of a Greenhouse World: The Early Eocene of the Green River Basin, Wyoming	100	\$18,572	\$4,829	\$23,401
Lowenstein, Dr. Tim K	US Israel Binational Science Foundation	Evaporite deposition in deep hypersaline basins: New insights from modern halite in the Dead Sea	100	\$19,579	\$2,937	\$22,516
Nikulin, Dr. Alex	National Science Foundation	I-Corps: Delivering Integrated Technology for Automated Wide-Area Humanitarian Mine Action Surveys	100	\$4,891	\$544	\$5,434
Patterson, Dr. Molly	National Science Foundation	COLLABORATIVE RESEARCH: Orbital-scale Variability of the West Antarctic Ice Sheet and the Formation of Bottom Water in the Ross Sea during Pliocene-Pleistocene	100	\$1,488	\$387	\$1,875
Patterson, Dr. Molly	National Science Foundation	Collaborative Research: Sensitivity of the West Antarctic Ice Sheet to 2? Celsius (SWAIS 2C)	100	\$31,311	\$17,847	\$49,158

<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 T	American Chemical Society	Linking the Distribution, Surface Morphology, Pore Structure, and Environmental Conditions of Lacustrine Microbialite Reservoir Facies: Fayetteville Green Lake, New York	50	\$9,904	\$0	\$9,904
Schmitkons, Mr. Jonathan P.	American Chemical Society	Linking the Distribution, Surface Morphology, Pore Structure, and Environmental Conditions of Lacustrine Microbialite Reservoir Facies: Fayetteville Green Lake, New York	50	\$9,904	\$0	\$9,904
Department Total:				\$129,739		
020 Graduate School Dean						
Mahler, Dr. Gretchen J	National Science Foundation	Graduate Research Fellowship Funding 2021-2026	100	\$9,784	\$0	\$9,784
Department Total:				\$9,784		
020 History						
Schull, Dr. Kent F	US Department of Education	Title VI NRC-FLAS in Middle East Studies at Binghamton University	100	\$28,409	\$2,273	\$30,682
Department Total:				\$30,682		
020 Library Administration						
Gallagher, Dr. Matt	NYS Education Department	Library Collection	100	\$4,925	\$394	\$5,319
Parks, Ms. Heather	NYS Education Department	Conservation & Preservation 2020-2023 0306218993/ 030600925/0306239242	100	\$70,440	\$0	\$70,440
Department Total:				\$75,759		
020 Mathematical Sciences						
Borisov, Dr. Alexander	National Science Foundation	Binghamton University's Graduate Conference in Algebra and Topology (BUGCAT) 2019, 2020, 2021	100	\$5,825	\$0	\$5,825

<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>
Chen, Dr. Mei-Hsiu	National Science Foundation	Mechanobiology of Myofibroblast Behavior in Health and Disease	25	\$772	\$440	\$1,212
Kargin, Dr. Vladislav	Simons Foundation	Research on Random Matrices and its Applications	100	\$3,182	\$636	\$3,818
Malkiewich, Dr. Cary	National Science Foundation	Algebraic K-Theory in Fixed-Point Theory and Smooth Manifolds	100	\$10,823	\$6,169	\$16,993
Malkiewich, Dr. Cary	National Science Foundation	FRG: Collaborative Research: Trace Methods and Applications for Cut-and-Paste K-Theory	100	\$2,052	\$1,170	\$3,222
Ontaneda, Dr. Pedro	National Science Foundation	Challenges in Negative and Nonpositive Curvature	100	\$13,908	\$7,927	\$21,835
Sapir, Dr. Eugenia	Simons Foundation	Coarse and Fine Geometry of Negatively Curved Surfaces	100	\$289	\$58	\$347
Singh, Dr. Rakhi	American Mathematical Society	AMS- Simons Travel Grant: Supersaturated design constructions for screening experiments	100	\$1,193	\$0	\$1,193
Zhou, Dr. Gang	Simons Foundation	Mathematical problems in non-equilibrium statistical mechanics, and singularities formed by geometric flows	100	\$489	\$98	\$587

Department Total: \$55,032

020 Mechanical Engineering

Chiarot, Dr. Paul	National Science Foundation	Capillary-Assisted Printing of Structured Colloidal Monolayers	33	\$9,927	\$5,376	\$15,303
Chiarot, Dr. Paul	Purdue University	CHIRP 2021: Printed Conformal Metal Films for electromagnetic Interference (EMI) Protection Semiconductor Research Corporation Prime Agreement 2019-PK-2878	100	\$11,479	\$6,543	\$18,022
Cho, Dr. Junghyun	IBM Corporation	Artificial Intelligence Collaborative Research Alliance	100	\$21,903	\$0	\$21,903

<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>
Cho, Dr. Junghyun	SUNY System Administration	SUNY-IBM AI Collaborative Research Alliance	100	\$12,749	\$0	\$12,749
Huang, Dr. Pong-Yu	National Science Foundation	Mechanobiology of Myofibroblast Behavior in Health and Disease	25	\$772	\$440	\$1,212
Huang, Dr. Pong-Yu	National Science Foundation	Capillary-Assisted Printing of Structured Colloidal Monolayers	33	\$9,927	\$5,376	\$15,303
Ke, Dr. Changhong	National Science Foundation	PFI-TTT: Enhanced Electronic Cooling via 3D Printing from Additive Laser Fabrication of Heat Removal Devices	25	\$9,247	\$3,855	\$13,102
Ke, Dr. Changhong	National Science Foundation	PFI-TTT: Enhanced Electronic Cooling via 3D Printing from Additive Laser Fabrication of Heat Removal Devices	25	\$572	\$0	\$572
Ke, Dr. Changhong	National Science Foundation	Collaborative Research: Exploiting Nanoscale Interfaces to Enhance Bulk Mechanical Response of Additively Manufactured Boron Nitride Nanotube-Metal Composites	100	\$40,137	\$11,857	\$51,994
Ke, Dr. Changhong	National Inst on Deafness & Other Comm Disorders	Capacitive Pressure/ Velocity Probe for Acoustic Measurements in the Human Ear Canal	33	\$29,071	\$11,048	\$40,119
Ke, Dr. Changhong	National Science Foundation	Multiple-Energy- Assisted Ultrasharp Probe-Based Nanomanufacturing for High-Resolution and High-Efficiency Nanopatterning	50	\$19,672	\$9,220	\$28,892
Ke, Dr. Changhong	Cornell University	NASA NY Space Grant Consortium	100	\$6,600	\$0	\$6,600
Miles, Dr. Ronald N	National Inst on Deafness & Other Comm Disorders	Capacitive Pressure/ Velocity Probe for Acoustic Measurements in the Human Ear Canal	67	\$59,023	\$22,431	\$81,454
Murray, Dr. Bruce T	National Science Foundation	Mechanobiology of Myofibroblast Behavior in Health and Disease	25	\$772	\$440	\$1,212

<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	Purdue University	SCALE: A Microelectronic Workforce Development Production Project Subagreement under the Department of the Army Agreement W52P1J-22-9-3009 Purdue No. 24013511, , Grant No. 13001218	33	\$13,005	\$5,221	\$18,226
Park, Dr. Seungbae	SUNY System Administration	SAMRI Program	25	\$4,624	\$2,353	\$6,977
Park, Dr. Seungbae	Purdue University	Radiation-Hard Microelectronics Workforce Development Consortium Subagreement No. 13000844-021	33	\$37,082	\$0	\$37,082
Park, Dr. Seungbae	Koh Young Technology Incorporated	Development of Closed-Loop Control and Optimization Modules of the Printed Circuit Board Assembly Processes in Surface Mount Technology	34	\$19,872	\$10,660	\$30,532
Park, Dr. Seungbae	IBM Corporation	Artificial Intelligence Collaborative Research Alliance	100	\$25,802	\$0	\$25,802
Park, Dr. Seungbae	SUNY System Administration	SUNY-IBM AI Collaborative Research Alliance	100	\$19,967	\$0	\$19,967
Park, Dr. Seungbae	Applied Materials	Design, Develop and Demonstrate a True 3D Packaging	25	\$3,926	\$2,238	\$6,163
Park, Dr. Seungbae	Koh Young Technology Incorporated	Development of Closed-Loop Control and Optimization Modules of the Printed Circuit Board Assembly Processes in Surface Mount Technology: A Systematic Integration of Reflow and Dispensing Processes with PCB Assembly for Quality Enhancement	34	\$9,004	\$4,060	\$13,065
Pitarresi, Dr. James	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$10,540	\$1,997	\$12,537
Pitarresi, Dr. James	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$609	\$0	\$609

<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>
Rangarajan, Dr. Srikanth	Purdue University	CHIRP-Experimental Characterization of Thermal Shadowing Effect and AI Driven Optimization of Boiling Enhancement Coatings for Single and Two-Phase Immersion Cooling Subagreement under the Semiconductor Research Corporation Prime Agreement	33	\$4,736	\$2,699	\$7,435
Rangarajan, Dr. Srikanth	SUNY System Administration	SAMRI Program	25	\$4,624	\$2,353	\$6,977
Rangarajan, Dr. Srikanth	US Department of Commerce	Novel In-situ Thermal Property Mapping to Study Powder Feedstock Aging and Laser Powder Bed Fusion	33	\$41,666	\$20,817	\$62,483
Razavi Aghjeh, Dr. Mir Jalil	National Science Foundation	Mechanics of the Formation of Cortical Folding Patterns in the Developing Human Brain	50	\$20,577	\$10,890	\$31,467
Sammakia, Dr. Bahgat G	National Science Foundation	IUCRC Phase III Binghamton University: Center for Energy-Smart Electronic Systems (ES2)	50	\$8,694	\$4,956	\$13,649
Sammakia, Dr. Bahgat G	Purdue University	Radiation-Hard Microelectronics Workforce Development Consortium Subagreement No. 13000844-021	34	\$38,206	\$0	\$38,206
Sammakia, Dr. Bahgat G	University of Texas at Arlington	I/UCRC Phase III University of TX Arlington: Center for Energy-Smart Electronic System (ES2)	50	\$1,594	\$909	\$2,503
Sammakia, Dr. Bahgat G	SUNY System Administration	SAMRI Program	25	\$4,624	\$2,353	\$6,977
Sammakia, Dr. Bahgat G	Villanova University	I/UCRC Phase 111: Center for Energy Smart Electronic Systems (ES2) Subaward No. 525942SUNY	50	\$144	\$82	\$226
Sammakia, Dr. Bahgat G	Purdue University	CHIRP-Experimental Characterization of Thermal Shadowing Effect and AI Driven Optimization of Boiling Enhancement Coatings for Single and Two-Phase Immersion Cooling Subagreement under the Semiconductor Research Corporation Prime Agreement	34	\$4,879	\$2,781	\$7,661

<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	Purdue University	SCALE: A Microelectronic Workforce Development Production Project Subagreement under the Department of the Army Agreement W52P1J-22-9-3009 Purdue No. 24013511, , Grant No. 13001218	34	\$13,399	\$5,379	\$18,778
Sammakia, Dr. Bahgat G	National Science Foundation	PFI-TTT: Enhanced Electronic Cooling via 3D Printing from Additive Laser Fabrication of Heat Removal Devices	25	\$9,247	\$3,855	\$13,102
Sammakia, Dr. Bahgat G	Google LLC	Machine Learning-Based Server Thermal Transient Characterizations/Modeling and Feedback Controls	100	\$31,205	\$0	\$31,205
Sammakia, Dr. Bahgat G	Cornell University	NSF I-Corps Hub (Track 1): Interior Northeast	25	\$22,998	\$5,437	\$28,435
Sammakia, Dr. Bahgat G	Applied Materials	Design, Develop and Demonstrate a True 3D Packaging	25	\$3,926	\$2,238	\$6,163
Sammakia, Dr. Bahgat G	National Science Foundation	PFI-TTT: Enhanced Electronic Cooling via 3D Printing from Additive Laser Fabrication of Heat Removal Devices	25	\$572	\$0	\$572
Schiffres, Dr. Scott	Purdue University	Radiation-Hard Microelectronics Workforce Development Consortium Subagreement No. 13000844-021	33	\$37,082	\$0	\$37,082
Schiffres, Dr. Scott	US Department of Commerce	Novel In-situ Thermal Property Mapping to Study Powder Feedstock Aging and Laser Powder Bed Fusion	34	\$42,929	\$21,448	\$64,377
Schiffres, Dr. Scott	SUNY System Administration	SAMRI Program	25	\$4,624	\$2,353	\$6,977
Schiffres, Dr. Scott	Purdue University	CHIRP-Experimental Characterization of Thermal Shadowing Effect and AI Driven Optimization of Boiling Enhancement Coatings for Single and Two-Phase Immersion Cooling Subagreement under the Semiconductor Research Corporation Prime Agreement	33	\$4,736	\$2,699	\$7,435

<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>
Schiffres, Dr. Scott	National Science Foundation	PFI-TTT: Enhanced Electronic Cooling via 3D Printing from Additive Laser Fabrication of Heat Removal Devices	50	\$1,145	\$0	\$1,145
Schiffres, Dr. Scott	National Science Foundation	PFI-TTT: Enhanced Electronic Cooling via 3D Printing from Additive Laser Fabrication of Heat Removal Devices	50	\$18,493	\$7,711	\$26,204
Schiffres, Dr. Scott	National Science Foundation	CAREER: Intermetallic Interfacial Thermal Transport for Advanced Electronics Manufacturing	100	\$7,511	\$4,055	\$11,566
Schiffres, Dr. Scott	Mallika Ashwin Maya	Battery Energy Storage System (BESS) with Three Phase Grid Integrated Inverter Using 3D Printed Magnetics Components with Nanocrystalline Soft Magnetic Material (Phase II) DE-SC0021784	45	\$16,178	\$6,595	\$22,773
Schiffres, Dr. Scott	Applied Materials	Design, Develop and Demonstrate a True 3D Packaging	25	\$3,926	\$2,238	\$6,163
Schiffres, Dr. Scott	Purdue University	SCALE: A Microelectronic Workforce Development Production Project Subagreement under the Department of the Army Agreement W52P1J-22-9-3009 Purdue No. 24013511, , Grant No. 13001218	33	\$13,005	\$5,221	\$18,226
Towfighian, Dr. Shahrzad	National Inst of Arthritis Musculoskeletal & Skin	Self-Powered Load Sensors for Total Knee Replacement Health Monitoring	100	\$39,921	\$18,770	\$58,691
Towfighian, Dr. Shahrzad	National Science Foundation	MEMS High Voltage Triboelectric Levitation: A Generactuator	100	\$12,735	\$5,868	\$18,603
Yong, Dr. Xin Frank	National Institute of General Medical Sciences	Small-molecule membrane interactions as a driver of bacterial outer membrane vesicle biogenesis across species	50	\$10,986	\$5,980	\$16,966
Yong, Dr. Xin Frank	National Science Foundation	Capillary-Assisted Printing of Structured Colloidal Monolayers	34	\$10,227	\$5,539	\$15,766

<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>
Yong, Dr. Xin Frank	National Science Foundation	Collaborative Research: Understanding "wild-type" nanoplastic uptake in single microalgae cells with florescence tracking and computational modeling	100	\$19,664	\$7,789	\$27,453
Yu, Dr. Kaiyan	IBM Corporation	Ray -F2R-FL: Ray Based Functional Regression with Federated Learning	20	\$7,121	\$0	\$7,121
Yu, Dr. Kaiyan	National Science Foundation	CAREER: Simultaneous and Independent Control of Nanostructured Objects Through the Use of Coupled External Electric Fields	100	\$40,511	\$21,397	\$61,907
Yu, Dr. Kaiyan	State University of New York	Ray-based Functional Regression with Federated Learning	20	\$7,121	\$0	\$7,121
Zhang, Dr. Pu	National Science Foundation	CAREER: Electro-Mechanical Behaviors of Soft Conductive Composites Embedded with Liquid Metal Fiber Networks	100	\$24,695	\$12,946	\$37,641
Zhang, Dr. Pu	National Science Foundation	CDS&E Collaborative Research: A Symbolic Artificial Intelligence Framework for Discovering Physically Interpretable Constitutive Laws of Soft Functional Composites	100	\$21,492	\$11,686	\$33,178
Zhou, Dr. Guangwen	National Science Foundation	Collaborative Research: Coordinated In-Situ Dynamic Experiments and Atomistic Modeling of Surface Segregation in Alloys	100	\$20,659	\$10,646	\$31,305
Zhou, Dr. Guangwen	National Science Foundation	Atomistic mechanisms and dynamics of hydrogen-based reduction of iron ores	100	\$18,632	\$10,620	\$29,252
Zhou, Dr. Guangwen	US Department of Commerce	Novel In-situ Thermal Property Mapping to Study Powder Feedstock Aging and Laser Powder Bed Fusion	33	\$41,666	\$20,817	\$62,483
Zhou, Dr. Guangwen	US Department of Energy	In Situ Visualization and Theoretical Modeling of Early Stages of Oxidation of Metals and Alloys	100	\$51,290	\$28,378	\$79,669
Department Total:				\$1,444,344		

020 Pharmaceutical Sciences

<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>
Brooks, Dr. Tracy	National Cancer Institute	Synthesis and Optimization of antibody: DNAi conjugates targeting the MYC G4	50	\$13,994	\$7,952	\$21,946
Brooks, Dr. Tracy	National Institute of General Medical Sciences	Exploiting the Hydrophobic Glycosyl Pocket of IgG1 for Imaging and Drug Delivery Applications	25	\$15,037	\$8,357	\$23,394
Brooks, Dr. Tracy	National Institute of General Medical Sciences	Legumain to the rescue: A new ADC linker strategy to address the limitations of cathepsin cleavage	50	\$30,401	\$17,639	\$48,040
Brooks, Dr. Tracy	SUNY System Administration	Research Seed Grant Program	100	\$21,672	\$0	\$21,672
Davis, Dr. Tony D	National Institute of General Medical Sciences	Interrogation of Microbial Natural Product mEthyltransferases	100	\$24,636	\$14,043	\$38,679
Fang, Dr. Yuan	Foundation to Eradicate Duchenne	Multi-omics analyses of lipidomics, proteomics, and mRNA profiles in Duchenne Muscular Dystrophy	100	\$8,452	\$845	\$9,297
Hathout, Dr. Yetrib	National Inst of Neurological Disorders & Stroke	R61/R33 Resubmission (Biomarker Signatures for Duchenne Muscular Dystrophy)	100	\$88,500	\$41,031	\$129,531
Hathout, Dr. Yetrib	Childrens Research Institute	Regenxbio Research Collaboration Agreement	50	\$26,695	\$15,216	\$41,910
Hoffman, Dr. Eric	National Center for Advancing Translational Sciences	Clinical Trial Readiness for Monitoring Muscle Inflammation in Duchenne Muscular Dystrophy	100	\$16,527	\$9,420	\$25,948
Hoffman, Dr. Eric	US Army Medical Research Acquisition Activity	Genetic Modifiers of Treatment Response in DMD	100	\$50,812	\$28,963	\$79,775
Morales, Dr. Melissa	Foundation to Eradicate Duchenne	Defining the ceramide pathway disturbance in dystrophin-deficiency (mouse and human), and treatment response in DMD patients treated with prednisone or vamorolone	100	\$46,989	\$4,699	\$51,688
Morales, Dr. Melissa	Myositis Association	Improving muscle weakness by blocking the Interferon signature with anti-viral proteins	50	\$6,360	\$509	\$6,869

<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>
Nagaraju, Dr. Kanneboyina	Childrens Research Institute	Regenxbio Research Collaboration Agreement	50	\$26,695	\$15,216	\$41,910
Nagaraju, Dr. Kanneboyina	Cornell University	NSF I-Corps Hub (Track 1): Interior Northeast	25	\$22,998	\$5,437	\$28,435
Nagaraju, Dr. Kanneboyina	Myositis Association	Improving muscle weakness by blocking the Interferon signature with anti-viral proteins	50	\$6,360	\$509	\$6,869
Nagaraju, Dr. Kanneboyina	Parent Project for Muscular Dystrophy Research Inc	Targeting the innate immune system to block acute inflammatory and chronic immune responses to transgene and AAV vector in DMD	100	\$60,864	\$0	\$60,864
Tumey, Dr. L Nathan	National Institute of General Medical Sciences	Legumain to the rescue: A new ADC linker strategy to address the limitations of cathepsin cleavage	50	\$30,401	\$17,639	\$48,040
Tumey, Dr. L Nathan	National Institute of General Medical Sciences	Mitigating ADA Through Site-specific Conjugation Technology	100	\$12,345	\$0	\$12,345
Tumey, Dr. L Nathan	Heidelberg Pharma Research GmbH	Optimization of ADCs for the Treatment of Cancer	100	\$38,300	\$21,831	\$60,131
Tumey, Dr. L Nathan	National Cancer Institute	Synthesis and Optimization of antibody: DNai conjugates targeting the MYC G4	50	\$13,994	\$7,952	\$21,946
Tumey, Dr. L Nathan	National Institute of Allergy & Infectious Disease	"Molecular whack-a-mole": Targeting Transmembrane- TNFa for the Delivery of Anti-Inflammatory Drgus	100	\$18,369	\$10,471	\$28,840
Tumey, Dr. L Nathan	National Institute of General Medical Sciences	Exploiting the Hydrophobic Glycosyl Pocket of IgG1 for Imaging and Drug Delivery Applications	50	\$30,074	\$16,714	\$46,788
Zhang, Dr. Tao	University of Maine at Orono	Harnessing gut microbiota to reduce inflammation using broccoli-sprout diets	100	\$3,064	\$1,747	\$4,811
Zhang, Dr. Tao	Georgia Institute of Technology	In Vitro Assessment of Chemical Mixture-induced airway Inflammation in Healed and Diseased Lungs	100	\$5,836	\$3,326	\$9,162

<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>
Zhang, Dr. Tao	University of Maine at Orono	Nanoscale exosomes from broccoli sprouts improve the targeted delivery and therapeutic efficacy of bioactives against inflammatory bowel disease	100	\$13,907	\$4,172	\$18,079
Zhang, Dr. Tao	University of North Texas Health Science Center	Novel Formulation Technology to Enhance Oral Absorption of Water-insoluble Drugs	100	\$5,107	\$2,911	\$8,018
Zhang, Dr. Tao	US Food and Drug Administration	To measure permeability of BCRP drug substrates and establish mechanistic IVIVE and PBPK model to predict milk drug transfer CLIN #1	100	\$37,935	\$21,623	\$59,558

Department Total: \$954,545

020 Physics Applied Physics & Astronomy

Aynajian, Dr. Pegor	National Science Foundation	CAREER: Visualizing Emergent Electronic States Near Quantum Phase Transitions	100	\$5,278	\$3,008	\$8,286
Cotts, Dr. Eric	Juniper Networks Incorporated	Unrestricted Research Support: Dr. Eric Cotts for EM Test Evaluation Assistance	100	\$160	\$40	\$200
Kolmogorov, Dr. Alexey	National Science Foundation	EAGER: SUPER: Collaborative Research: Ab Initio Engineering of Doped-Covalent-Bond Superconductors	50	\$3,460	\$1,972	\$5,432
Kolmogorov, Dr. Alexey	National Science Foundation	Collaborative Research: Ab Initio Engineering of Doped-Covalent-Bond Superconductors	50	\$4,385	\$2,365	\$6,750
Lawler, Dr. Michael	National Science Foundation	Collaborative Research: Integrating Physics and Generative Machine Learning Models for Inverse Materials Design	100	\$6,939	\$3,955	\$10,893
Lawler, Dr. Michael	National Science Foundation	Collaborative Research: Machine Learning Methods for Multi-Disciplinary Multi-Scale Problems	100	\$1,817	\$1,036	\$2,852
Lee, Dr. Wei-Cheng	Georgia Institute of Technology	MURI17: Cross-disciplinary Electronic-ionic Research Enabling Biologically Realistic Autonomous Learning (CEREBRAL)	100	\$45,336	\$25,573	\$70,909

<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>
Margine, Dr. Elena Roxana	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$10,540	\$1,997	\$12,537
Margine, Dr. Elena Roxana	National Science Foundation	Institutional Partnership to Create Successful Student Transition in Smart Energy & Materials	20	\$609	\$0	\$609
Margine, Dr. Elena Roxana	National Science Foundation	EAGER: SUPER: Collaborative Research: Ab Initio Engineering of Doped-Covalent-Bond Superconductors	50	\$3,460	\$1,972	\$5,432
Margine, Dr. Elena Roxana	National Science Foundation	Towards Ab Initio Prediction of Superconducting Properties	100	\$36,754	\$20,950	\$57,704
Margine, Dr. Elena Roxana	National Science Foundation	Collaborative Research: Ab Initio Engineering of Doped-Covalent-Bond Superconductors	50	\$4,385	\$2,365	\$6,750
Margine, Dr. Elena Roxana	University of Texas at Austin	An Interoperable Software Ecosystem for Many-Body Electronic Structure Calculations	100	\$59,265	\$33,512	\$92,777
Mativetsky, Dr. Jeffrey	Universal Instruments Corporation	Universal Instruments Sponsored Research Agreement FP11505	100	\$8,958	\$2,207	\$11,165
Mativetsky, Dr. Jeffrey	National Science Foundation	REU Site: Renewable Energy Generation and Storage	100	\$12,432	\$2,847	\$15,279
Mativetsky, Dr. Jeffrey	National Science Foundation	I-Corps: A Wearable Platform for Assessing Respiratory Health	100	\$32,761	\$3,643	\$36,404
Mativetsky, Dr. Jeffrey	Universal Instruments Corporation	Universal Instruments Sponsored Research: Consortium Solder Interconnect Studies	100	\$9,187	\$2,389	\$11,576
Piper, Dr. Louis	National Science Foundation	Rational Design of Oxide Cathode Coating for High Performance Li-ion Batteries	33	\$15,329	\$7,963	\$23,293
Shim, Dr. Bonggu	National Science Foundation	Study of Wavelength Dependence of Plasma Collision Dynamics and Ionization Mechanism in Laser Solid Matter Interactions	100	\$25,257	\$14,128	\$39,385

<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>
Smeu, Dr. Manuel	National Science Foundation	Rational Design of Oxide Cathode Coating for High Performance Li-ion Batteries	33	\$15,329	\$7,963	\$23,293
Smeu, Dr. Manuel	National Science Foundation	Collaborative Research: Tailoring Electron and Spin Transport in Single Molecule Junctions	100	\$10,012	\$5,439	\$15,451
Department Total:				\$456,976		
020 Political Science						
Karakoc, Dr. Ekrem	University of Calgary	International Business in the Middle East and North Africa MENA: danger zones or the land of opportunity	100	\$1,428	\$0	\$1,428
Department Total:				\$1,428		
020 Psychology						
Bishop, Dr. Christopher	Melior Discovery Incorporated	Melior Discovery Materials Testing Agreement	100	\$21,068	\$5,267	\$26,334
Bishop, Dr. Christopher	Michael J Fox Foundation	Chemogenetic and Pharmacological Targeting of the Raphe-Cortical Pathway to Reduce the Development and Expression of L-DOPA-induced Psychosis	100	\$153	\$23	\$176
Bishop, Dr. Christopher	National Inst of Neurological Disorders & Stroke	Interrogating maladaptive serotonin raphe-striatal plasticity in L-DOPA-induced dyskinesia	100	\$204,737	\$34,260	\$238,996
Bishop, Dr. Christopher	University of North Texas Health Science Center	Increasing Nigral Tyrosine Hydroxylase Expression as a Mechanism of Exercise-Mediated Recovery: Evaluation in Toxin and Rat Parkinson's Disease Genetic Models HS763-0000154195/HS763-0000154199	100	\$2,128	\$1,213	\$3,341
Christodulu, Dr. Kristin V.	NYS Education Department	CARD Albany and Regional Center(s) for Autism Spectrum Disorders 23-24	100	\$14,990	\$1,199	\$16,189
Conte, Dr. Stefania	Eunice Kennedy Shriver National Institute of Child Health & Human Dev	Development of Face-Processing Abilities in Infants: Structural and Functional Brain Changes	100	\$20,442	\$11,652	\$32,094

<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>
Deak, Dr. Terrence	Butler Hospital	Materials Testing Agreement Between The Research Foundation for the State University of New York and Butler Hospital - 'Mechanism of Accelerated Aging: Stress, Health Behaviors, and the Role of Mitochondria'	100	\$12,965	\$3,241	\$16,206
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	100	\$39,733	\$22,648	\$62,381
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	100	\$7,272	\$4,145	\$11,417
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	CNS-mediated fever after Adolescent Intermittent Ethanol	50	\$53,767	\$27,867	\$81,633
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	75	\$24,047	\$13,707	\$37,754
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	90	\$20,757	\$11,831	\$32,588
Deak, Dr. Terrence	Butler Hospital	Materials Testing Agreement Between The Research Foundation For The State University of New York and Butler Hospital: Risk Profiles and Mechanisms of Disease in Maltreated Children	100	\$20,663	\$5,166	\$25,829
Deak, Dr. Terrence	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addiction	33.3	\$0	(\$100)	(\$100)
Di Lorenzo, Dr. Patricia M	National Institute of General Medical Sciences	SUNY UPSTATE BRIDGES TO THE BACCALAUREATE PROGRAM (SUBBP)	50	\$56,122	\$3,642	\$59,764
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addictions (DNA2)	20	\$1,915	\$143	\$2,058
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addictions (DNA2)	20	\$3,082	\$159	\$3,241

<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>
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Impact of prenatal alcohol and methadone exposure on dopamine regulation of BLA plasticity	50	\$375	\$214	\$588
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Impact of Prenatal Alcohol Exposure on CRF1R Mediated Neural Mechanisms and Social Behavior- Postdoc fellowship support for Kelcie Schatz	100	\$21,972	\$0	\$21,972
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addictions (DNA2)	20	\$3,483	\$191	\$3,674
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	25	\$8,016	\$4,569	\$12,585
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	30	\$23,120	\$13,178	\$36,298
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addictions (DNA2)	20	\$3,487	\$191	\$3,678
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Prenatal Alcohol and Anxiety: An Ontogenetic Role for CRF	50	\$8,240	\$3,489	\$11,729
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	30	\$1,562	\$890	\$2,452
Diaz, Dr. Marvin R	National Institute for Alcohol Abuse & Alcoholism	Prenatal Alcohol and Anxiety: An Ontogenetic Role for CRF	50	\$73,626	\$27,376	\$101,002
Gano, Dr. Anny	National Institute for Alcohol Abuse & Alcoholism	CNS-mediated fever after Adolescent Intermittent Ethanol	25	\$26,883	\$13,933	\$40,817
Gaspelin, Dr. Nicholas	National Science Foundation	CAREER: Understanding the Relationship of Covert and Overt Attention Using Concurrent EEG and Eye Tracking	100	\$600	\$342	\$942
Gibb, Dr. Brandon E	National Institute of Mental Health	Attentional Biases for Affective Cues as a Mechanism of Risk in Children of Depressed Mothers	100	\$167,031	\$86,705	\$253,736

<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>
Gibb, Dr. Brandon E	American Psychological Foundation	2023 American Psychological Foundation (APF) Elizabeth Munsterberg Koppitz Graduate Student Fellowship	100	\$6,935	\$0	\$6,935
Gillis Mattson, Dr. Jennifer M	Multiple Sponsors	BRCASD Support	100	\$366	\$55	\$421
Gillis Mattson, Dr. Jennifer M	Order of the Eastern Star of New York	Autism Research	100	\$10	\$1	\$11
Gillis Mattson, Dr. Jennifer M	NYS Education Department	CARD Albany and Regional Center(s) for Autism Spectrum Disorders 22-23	100	\$1,008	\$81	\$1,089
Gillis Mattson, Dr. Jennifer M	NYS Education Department	CARD Albany and Regional Center(s) for Autism Spectrum Disorders	100	\$113	\$9	\$122
Gillis Mattson, Dr. Jennifer M	Multiple Sponsors	Children's Unit for Treatment and Evaluation 2023-2024	100	\$1,403,630	\$210,544	\$1,614,174
Gillis Mattson, Dr. Jennifer M	Multiple Sponsors	ICD 'Infrastructure'	100	\$4,333	\$650	\$4,983
Gillis Mattson, Dr. Jennifer M	Multiple Sponsors	Children's Unit for Treatment and Evaluation 2020-2021	100	(\$204)	(\$31)	(\$235)
Gillis Mattson, Dr. Jennifer M	Multiple Sponsors	School District Income for SEDCAR/IDEA Funding	100	\$103,818	\$8,079	\$111,897
Gillis Mattson, Dr. Jennifer M	Multiple Sponsors	Children's Unit Special Programs/ Institute for Child Development	100	\$7,555	\$1,133	\$8,689
Gillis Mattson, Dr. Jennifer M	Multiple Sponsors	Children's Unit for Treatment and Evaluation 2022-2023	100	\$133,180	\$19,977	\$153,156
Harding, Dr. Thomas	ARK Psychology LLC	Clinical Placement Agreement Between ARK Psychology, PLLC, and The Research Foundation for the State University of New York: Alison Brenman	100	\$7,077	\$0	\$7,077

<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>
Harding, Dr. Thomas	United Health Services Hospitals Incorporated	Clinical Placement Agreement Between United Health Services Hospitals Inc and the Research Foundation for the Stste University of New York: Mia Grosso	100	\$7,830	\$0	\$7,830
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	5	\$1,153	\$657	\$1,810
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	70	\$3,644	\$2,077	\$5,721
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addictions (DNA2)	80	\$7,660	\$573	\$8,233
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addictions (DNA2)	80	\$13,933	\$763	\$14,696
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addictions (DNA2)	80	\$12,330	\$635	\$12,965
Jentsch, Dr. James David	National Institute on Drug Abuse	Intersecting genetic risk for extreme cocaine self-administration with dopamine neurotransmission	70	\$36,694	\$2,936	\$39,630
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addictions (DNA2)	80	\$13,947	\$764	\$14,712
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addiction	33.4	\$0	(\$101)	(\$101)
Jentsch, Dr. James David	Jackson Laboratory	Center for Systems Neurogenetics of Addiction Subaward 210247-0624-06	50	\$13,013	\$7,417	\$20,430
Jentsch, Dr. James David	Jackson Laboratory	Center for Systems Neurogenetics of Addiction Subaward 210247-0623-06	75	\$3,034	\$1,730	\$4,764
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	100	\$23,587	\$0	\$23,587

<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>
Jentsch, Dr. James David	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	70	\$53,946	\$30,749	\$84,696
Karkhanis, Dr. Anushree N	Jackson Laboratory	Center for Systems Neurogenetics of Addiction Subaward 210247-0624-06	50	\$13,013	\$7,417	\$20,430
Karkhanis, Dr. Anushree N	National Institute for Alcohol Abuse & Alcoholism	Mechanisms of rostrocaudal differences in accumbal kappa opioid receptor effects on ethonal drinking	100	\$127,520	\$22,772	\$150,292
Karkhanis, Dr. Anushree N	Jackson Laboratory	Center for Systems Neurogenetics of Addiction Subaward 210247-0623-06	25	\$1,011	\$577	\$1,588
Karkhanis, Dr. Anushree N	National Institute on Drug Abuse	Intersecting genetic risk for extreme cocaine self-administration with dopamine neurotransmission	30	\$15,726	\$1,258	\$16,984
Mastroleo, Dr. Nadine	Brown University	Enhancing the Efficacy and Duration of a Brief Alcohol Intervention Using Self-Affirmation	100	\$6,418	\$3,658	\$10,076
Mastroleo, Dr. Nadine	Brown University	Behavioral Science and Biostatistics Resource Code for Alcohol-HIV Research Federal Award 5U24AA022003-06	100	\$1,920	\$1,095	\$3,015
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Development and Neuroadaptations in Alcohol and Addiction	33.3	\$0	(\$100)	(\$100)
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	100	\$16,713	\$9,526	\$26,239
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	7/8 NADIA U01 Recovery of Adolescent Alcohol Disruption of Basal Forebrain-Cortical Projection Circuits	100	\$15,609	\$8,897	\$24,507
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	100	\$142	\$81	\$223
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	7/8 NADIA U01 Recovery of Adolescent Alcohol Disruption of Basal Forebrain-Cortical Projection Circuits	100	\$19,105	\$10,890	\$29,996

<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>
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	5	\$952	\$542	\$1,494
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	100	\$73,874	\$42,108	\$115,983
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	7/8 NADIA U01 Recovery of Adolescent Alcohol Disruption of Basal Forebrain-Cortical Projection Circuits Year 3 of 5	100	\$55,513	\$31,642	\$87,155
Savage, Dr. Lisa M	National Institute of General Medical Sciences	SUNY UPSTATE BRIDGES TO THE BACCALAUREATE PROGRAM (SUBBP)	50	\$56,122	\$3,642	\$59,764
Savage, Dr. Lisa M	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	5	\$1,153	\$657	\$1,810
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	CNS-mediated fever after Adolescent Intermittent Ethanol	25	\$26,883	\$13,933	\$40,817
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	Impact of prenatal alcohol and methadone exposure on dopamine regulation of BLA plasticity	50	\$375	\$214	\$588
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent Alcohol Exposure Neural Contributors to Sex-and Exposure Timing-Specific Anxiety	50	\$10,682	\$6,088	\$16,770
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	25	\$11,449	\$6,526	\$17,975
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	15	\$1,316	\$750	\$2,066
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	Prenatal Alcohol and Anxiety: An Ontogenetic Role for CRF	50	\$8,240	\$3,489	\$11,729
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	10	\$1,903	\$1,085	\$2,988

<u>Investigator</u>	<u>Sponsor Name</u>	<u>Award Title</u>	<u>% Credited to Investigator</u>	<u>Direct Costs Expended</u>	<u>F & A Expended</u>	<u>Total Expended</u>
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	Prenatal Alcohol and Anxiety: An Ontogenetic Role for CRF	50	\$73,626	\$27,376	\$101,002
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent Alcohol Exposure: Neural Contributors to Sex-and Exposure Timing-Specific Anxiety	50	\$48,255	\$23,899	\$72,155
Varlinskaia, Dr. Elena I	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	25	\$11,474	\$6,540	\$18,015
Varodayan, Dr. Florence Prabha	National Institute for Alcohol Abuse & Alcoholism	Alcohol-induced neuroadaptation of prefrontal cortical projections	100	\$67,661	\$38,567	\$106,228
Varodayan, Dr. Florence Prabha	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	100	\$17,339	\$9,883	\$27,222
Werner, Dr. David F.	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	85	\$7,456	\$4,250	\$11,707
Werner, Dr. David F.	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2023-2024	75	\$34,347	\$19,578	\$53,924
Werner, Dr. David F.	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	85	\$16,179	\$9,222	\$25,401
Werner, Dr. David F.	National Institute for Alcohol Abuse & Alcoholism	Developmental Exposure Alcohol Research Center 2022-2023	75	\$34,423	\$19,621	\$54,044
Werner, Dr. David F.	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent Alcohol Exposure: Neural Contributors to Sex-and Exposure Timing-Specific Anxiety	50	\$48,255	\$23,899	\$72,155
Werner, Dr. David F.	National Institute for Alcohol Abuse & Alcoholism	2/8 NADIA U01 Adolescent Alcohol Exposure Neural Contributors to Sex-and Exposure Timing-Specific Anxiety	50	\$10,682	\$6,088	\$16,770
Department Total:				\$4,487,681		

020 Public Archaeology Facility

<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>
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase1B Archaeological Survey, National Grid CLCPA Colton to Nicholville Article VII Project (23PR04319)	100	\$131,749	\$19,762	\$151,511
Miroff, Dr. Laurie E	McFarland and Johnson Engineers Incorporated	Archaeological Monitoring of Winter Shutdown, Outfall 3, Ogdensburg Airport Project, Town of Oswegatchie, St. Lawrence County, NY	100	\$269	\$40	\$309
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase1B Archaeological Survey, National Grid CLCPA Colton to Nicholville Article VII Project (23PR04319)	100	\$9,688	\$1,453	\$11,142
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase1B Archaeological Survey, National Grid CLCPA Colton to Nicholville Article VII Project (23PR04319)	100	\$3,381	\$507	\$3,888
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase1B Archaeological Survey, National Grid CLCPA Colton to Nicholville Article VII Project (23PR04319)	100	\$7,129	\$1,069	\$8,198
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase 1A Archaeological Assessment of West Park Street Gas Main Replacement	100	\$567	\$85	\$651
Miroff, Dr. Laurie E	LaBella Associates	Phase 1A Archaeological Assessment, Spring Mountain Solar Project, Town of Schwenksville, PA	100	\$474	\$71	\$545
Miroff, Dr. Laurie E	LaBella Associates	Phase 1A/1B Archaeological Survey, Independence Manor Project, Town of Flemington, NJ	100	\$3,628	\$544	\$4,172
Miroff, Dr. Laurie E	McFarland and Johnson Engineers Incorporated	Task 06 - Short Environmental Assessment for Runway 3-21 Obstruction Removal and Acquisition	100	(\$86)	(\$13)	(\$99)
Miroff, Dr. Laurie E	Multiple Sponsors	Miscellaneous Income from PAF Activities	100	\$1,624	\$244	\$1,868
Miroff, Dr. Laurie E	National Park Service	Urban Archeology Corps	100	\$20,346	\$3,561	\$23,907
Miroff, Dr. Laurie E	National Science Foundation	Engaging Rural Youth in Multidisciplinary Inquiry through Archaeology	25	\$4,042	\$1,051	\$5,093

<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>
Miroff, Dr. Laurie E	Strategic Mining Solutions Limited Liability Corporation	Phase 1 Archaeological Survey, Glenn Forward Project, Town of Hamilton, NY	100	\$4,011	\$602	\$4,612
Miroff, Dr. Laurie E	phZ Architects Professional Limited Liability Company	Phase 1A Archaeological Assessment, SUNY Fredonia Project, Village of Fredonia, Chautauqua County, NY	100	\$1,875	\$281	\$2,156
Miroff, Dr. Laurie E	Willet Hop and Grain	Phase 1A/1B Archaeological Survey, Willet Gravel Mine Project, Town of Willet, Cortland County, NY	100	\$4,547	\$682	\$5,229
Miroff, Dr. Laurie E	phZ Architects Professional Limited Liability Company	Phase 1B Archaeological Survey, SUNY Fredonia Project, Village of Fredonia, Chauttaugua County, NY	100	\$750	\$0	\$750
Miroff, Dr. Laurie E	Town of Lansing	Combined Phase 1A/1B Archaeological Survey, Town of Lansing Chip Storage Facility Project, Town of Lansing, Tompkins County, NY	100	\$2,560	\$384	\$2,944
Miroff, Dr. Laurie E	NYS Education Department	Cultural Resource Survey Program	100	\$108,907	\$16,336	\$125,243
Miroff, Dr. Laurie E	Bragman Companies	Horner Farmstead Project, Phase 1 Archaeological Survey (Plow/Disk & Walkover of 38-39 acres and 3.2 acres of Subsurface Survey), Town of Cicero, Onondaga County, NY	100	\$10,597	\$1,590	\$12,186
Miroff, Dr. Laurie E	Tioga County	Geophysical Survey for Tioga County, New York	100	\$1,441	\$216	\$1,657
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase 1B Archeological Survey of West Park Street Gas Main Replacement	100	\$2,919	\$438	\$3,357
Miroff, Dr. Laurie E	Bethel Woods Center for the Arts	Mapping Proposal Woodstock Bindy Bazaar Project, Bethel, Sullivan County, NY	100	\$720	\$108	\$828
Miroff, Dr. Laurie E	C&S Companies	Phase 1A/ 1B Archaeological Survey, Palm Tree Estates Project, Town of Palm Tree, Orange County, NY	100	\$166	\$25	\$191

<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>
Miroff, Dr. Laurie E	C&S Companies	Phase 1A/1B Archaeological Survey (all subsurface testing- 130-160 STPs across 8 acres of project area within 100 meters of wetlands/hydric solis). NY Rome Old Oneida Road Solar Farm Project, City of Rome, Oneida County, NY	100	\$5,722	\$858	\$6,581
Miroff, Dr. Laurie E	C&S Companies	Phase 1A Archaeological Assessment, Skaneateles Water Line Project, Village of Skaneateles, Onondaga County, NY	100	\$2,020	\$303	\$2,323
Miroff, Dr. Laurie E	Catskill Montessori School	Phase 1A/1B Archaeological Survey, Catskill Montessori School Expansion Project, (23PR02436Z) Town of Catskill, Greene County, NY	100	\$97	\$15	\$111
Miroff, Dr. Laurie E	Delta Engineers	PIN 9754.90 Harnick Road over Apalachin Creek	100	\$3,046	\$457	\$3,503
Miroff, Dr. Laurie E	Foit-Albert Associates	Phase 1A/1B Archaeological Survey, CR97 & Brown Road over Fish Creek Project, PIN 7753.93 (22PR06674)	100	\$2,603	\$391	\$2,994
Miroff, Dr. Laurie E	Foit-Albert Associates	Architectural Survey, Church Street over Tannery Brook Replacement Project (PIN 5763.87) (Project 23PR02739) Village of East Aurora, Erie County, NY	100	\$2,975	\$446	\$3,421
Miroff, Dr. Laurie E	Friends of the Elmira Civil War Prison Camp	Phase 1A/1B Archaeological Survey, Elmira Civil War Prison Camp, City of Elmira, Chemung County, NY	100	\$1,831	\$275	\$2,106
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Archaeological Screening Memo and Phase 1A Archaeological Assessment of the NGRID Colton Malone 115K Rebuild Project	100	\$6,775	\$1,016	\$7,791
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase 1B Archaeological Survey and archeological monitoring plane of Pipeline 12	100	\$2,701	\$405	\$3,106
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase 1A Assessment Micron Electric Service	100	\$15,521	\$2,328	\$17,849

<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>
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase 1B Archaeological Survey and archeological monitoring plane of Pipeline 12	100	\$1,308	\$196	\$1,504
Miroff, Dr. Laurie E	GZA GeoEnvironmental Incorporated	Phase 1A Assessment Micron Electric Service	100	\$3,246	\$487	\$3,733
Miroff, Dr. Laurie E	Anchor QEA LLC	Canalways Trail Extension Project Salina Extension	100	\$526	\$79	\$605
Miroff, Dr. Laurie E	F.S. Lopke Contracting Incorporated	Phase 3 Data Recovery of Clusters 1-7 of the Ayers 2 Site, Town of Nichols, Tioga County, NY	100	\$983	\$148	\$1,131
Versaggi, Dr. Nina M	National Science Foundation	Engaging Rural Youth in Multidisciplinary Inquiry through Archaeology	25	\$4,042	\$1,051	\$5,093
Department Total:				\$432,189		

020 Research Sponsored Prog

Dublin, Dr. Thomas L	Multiple Sponsors	Unrestricted research activities	100	\$1,253	\$188	\$1,440
Department Total:				\$1,440		

020 Research VP

Czarnecki, Dr. Steven V.	Multiple Sponsors	Small Scale (S3IP) Activities	100	\$430	\$107	\$537
Czarnecki, Dr. Steven V.	National Science Foundation	PFI-TT: Next Generation High Energy Storage, Light Weight Capacitors	15	\$500	\$285	\$785
Park, Dr. Seungbae	Multiple Sponsors	Symposium and Other IEEC Activities	100	\$35,391	\$8,848	\$44,239
Rangarajan, Dr. Srikanth	Applied Materials	Design, Develop and Demonstrate a True 3D Packaging	25	\$3,926	\$2,238	\$6,163

<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>
Turner, Mr. James N	National Science Foundation	PFI-TT: Next Generation High Energy Storage, Light Weight Capacitors	15	\$500	\$285	\$785
Whittingham, Dr. M Stanley	Empire State Development Corp	CFA 96852: New Energy New York	50	\$22,768	\$2,858	\$25,626
Whittingham, Dr. M Stanley	Empire State Development Corp	CFA 96852: New Energy New York	50	\$34,231	\$0	\$34,231
Whittingham, Dr. M Stanley	Empire State Development Corp	CFA 96852: New Energy New York	50	\$55,441	\$21,067	\$76,508
Whittingham, Dr. M Stanley	Empire State Development Corp	CFA 96852: New Energy New York	50	\$65,107	\$208,612	\$273,719
Whittingham, Dr. M Stanley	Economic Development Administration	New Energy New York: Innovation and Entrepreneurship	50	\$120,674	\$19,506	\$140,180
Whittingham, Dr. M Stanley	Empire State Development Corp	CFA 96852: New Energy New York	50	\$2,308	\$877	\$3,185
Whittingham, Dr. M Stanley	Economic Development Administration	New Energy New York: Workforce Development Programs	50	\$446,573	\$66,777	\$513,350
Whittingham, Dr. M Stanley	Economic Development Administration	New Energy New York: Climate Justice and Social Equity Programs	50	\$100,882	\$6,095	\$106,978
Whittingham, Dr. M Stanley	Economic Development Administration	New Energy New York: Battery-NY Center Operations	50	\$29,277	\$11,125	\$40,402
Whittingham, Dr. M Stanley	Economic Development Administration	New Energy New York	50	\$52,136	\$12,539	\$64,674
Whittingham, Dr. M Stanley	Empire State Development Corp	CFA 96852: New Energy New York	50	\$32,109	\$4,982	\$37,091

<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>
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Whittingham, Dr. M Stanley	Economic Development Administration	New Energy New York: Supply Chain Development and Qualification Programs	50	\$186,088	\$0	\$186,088
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Department Total: \$1,554,542

020 School Of Management

Dhillon, Dr. Upinder	Multiple Sponsors	Transformational Leadership Program	100	\$9,841	\$1,476	\$11,317
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Eckardt, Mr. Rory	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
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Tsai, Dr. Chou-Yu	Waseda University	Model Development and Data Analysis for Business Idea Generation Process on Entrepreneurship Education 2024	100	\$391	\$223	\$615
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Yammarino, Dr. Francis J	Multiple Sponsors	Miscellaneous Income - Fran Yammarino	100	\$6,761	\$1,014	\$7,776
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Department Total: \$19,895

020 Small Business Dev Center

Chase, Erica	NYS Council on Developmental Disabilities	Entrepreneurship for People with IDD	100	\$5,399	\$540	\$5,939
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Layman, Ms. Rochelle	Multiple Sponsors	Miscellaneous Income- Small Business Development Center Activities	100	\$25	\$4	\$28
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Layman, Ms. Rochelle	Multiple Sponsors	Restricted Program Income - SBDC	100	\$646	\$0	\$646
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Layman, Ms. Rochelle	Small Business Administration	NY SBDC Funding FY23	100	\$104,422	\$12,531	\$116,952
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Department Total: \$123,565

020 Student Affairs V P

<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>
Edouard, Mr. Randall	US Department of Education	2018-2022 Binghamton University Upward Bound Program	100	\$895	\$70	\$965
Edouard, Mr. Randall	US Department of Education	Binghamton University Upward Bound Rural Program	100	\$34,815	\$0	\$34,815
Givre, Dr. Sophia J.	US Department of Education	Binghamton University Upward Bound Rural Program	100	\$123,316	\$9,601	\$132,917
Rebello, Mr. Stephen Michael	US Department of Education	Student Support Services STEM Program at Binghamton University 2020-2025	100	\$105,188	\$8,415	\$113,603
Rebello, Mr. Stephen Michael	US Department of Education	Student Support Services Program at Binghamton University 2021-2026	100	\$138,252	\$11,060	\$149,312
Rebello, Mr. Stephen Michael	US Department of Education	Binghamton University Upward Bound Program 2023-2028	100	\$177,036	\$14,150	\$191,186
Rebello, Mr. Stephen Michael	US Department of Education	Binghamton University Upward Bound Program 2023-2028	100	\$65,415	\$0	\$65,415

Department Total: \$688,213

020 Systems Science and Indust Eng (SSIE)

Borgesen, Mr. Peter	National Science Foundation	Mechanistic Understanding of Multi-scale Sintering Behavior Influenced by Anisotropic Particle and Pore Distributions in Extrusion-based Metal Additive Manufacturing	50	\$6,479	\$3,205	\$9,684
Borgesen, Mr. Peter	Purdue University	CHIRP Center - Optimizing Reliability of Solder Joints Reflowed at Temperatures Below 140 Degrees Celsius Subagreement Under the Semiconductor Research Prime Agreement No 2019-PK-2878	100	\$21,664	\$11,784	\$33,448
Borgesen, Mr. Peter	Multiple Sponsors	International Visiting Research Scholar Activities	100	\$2,068	\$517	\$2,585

<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>
Borgesen, Mr. Peter	Purdue University	Interactions Between Electromigration and Fatigue of Regular and Low Temperature Solder Joints Subagreement Under the Semiconductor Research Prime Agreement No 2019-PK-2878	100	\$28,451	\$12,797	\$41,248
Chalil Madathil, Dr. Sreenath	University of Texas at El Paso	Improving Student Engagement and Training in Healthcare Engineering	100	\$2,667	\$1,520	\$4,187
Cheng, Dr. Changqing	Foxconn Industrial Internet dba FII USA Incorporated	Applied Research in Assembly, Reliability, and Costing for a Global Manufacturer of Electronic Equipment	20	\$4,034	\$1,049	\$5,083
Cheng, Dr. Changqing	National Science Foundation	EAGER International Type 11: Sustainable International Collaboration in Spaitotemporal Modeling of Human Mobility and Contagion Dynamics for COVID-19	100	\$13,847	\$7,328	\$21,176
Chung, Dr. Sunghoon	National Science Foundation	Collaborative Research: Arc Routing Problems in Combined Drone/ Truck Fleets	100	\$13,106	\$4,051	\$17,157
Deng, Dr. Jia	National Science Foundation	Multiple-Energy- Assisted Ultrasharp Probe-Based Nanomanufacturing for High-Resolution and High-Efficiency Nanopatterning	50	\$19,672	\$9,220	\$28,892
Deng, Dr. Jia	Foxconn Industrial Internet dba FII USA Incorporated	Applied Research in Assembly, Reliability, and Costing for a Global Manufacturer of Electronic Equipment	20	\$4,034	\$1,049	\$5,083
Greene, Dr. Christopher M	Smart Modular Technologies Inc	Continuous Process Improvement for Advanced Complex Surface Mount Devices	50	\$2,309	\$600	\$2,910
Greene, Dr. Christopher M	Smart Modular Technologies Inc	Advanced Assembly Process Research and Development for Complex Surface Mount Devices	50	\$2,309	\$600	\$2,910
Jin, Dr. Yu	Innovation Associates Doing Business As iA	Pharmacy System Design Validation and Principle Development Through Data Analytics and Simulation Modeling	33	\$19,219	\$2,423	\$21,641
Jin, Dr. Yu	Zebra Technologies Enterprise Corporation	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing	20	\$2,014	\$212	\$2,225

<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>
Khasawneh, Dr. Mohammad	Holy Name Medical Center	Advanced Data Analytics and Performance Improvement Support for Holy Name Medical Center	50	\$15,528	\$3,128	\$18,656
Khasawneh, Dr. Mohammad	United Health Services Hospitals Incorporated	Business Intelligence and Performance Improvement R&D (2022-2023)	50	\$26,765	\$6,959	\$33,724
Khasawneh, Dr. Mohammad	TidalHealth	Continuous Performance Improvement and System Modeling Support for TidalHealth, Inc	50	\$32,656	\$6,022	\$38,678
Khasawneh, Dr. Mohammad	SUNY Downstate Health Sciences University	Support for Supply Chain Operations Performance Improvement and Cost Reduction	50	\$13,893	\$3,612	\$17,505
Khasawneh, Dr. Mohammad	Schwarzman Animal Medical Center	Operational Assessment and Improvement at the Schwarzman Animal Medical Center	25	\$5,429	\$985	\$6,413
Khasawneh, Dr. Mohammad	RTSync Corporation	Model Level Integrated Architecture for Collaborate Development (CAMLI) Prime Contract HQ0860-22-C-7144	33	\$9,458	\$4,327	\$13,785
Khasawneh, Dr. Mohammad	PCE Paragon Solutions USA Incorporated	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes	33	\$4,551	\$1,183	\$5,734
Khasawneh, Dr. Mohammad	Northwell Health	Performance Improvement Initiatives for Northwell Health Central Region Ambulatory Operations	50	\$5,013	\$568	\$5,581
Khasawneh, Dr. Mohammad	Mount Sinai Medical Center	WISE Healthcare Systems Engineering and Analytics Support Continuous Performance Improvement Research and Implementation 12104371 Amend 5 & 6 and 7 & 8	50	\$95,002	\$17,337	\$112,340
Khasawneh, Dr. Mohammad	Montefiore Hospital and Medical Center	Process Analysis and Performance Excellence for Integrated Delivery Care Systems (2023-2024-AMD 3)	33	\$8,755	\$1,478	\$10,233
Khasawneh, Dr. Mohammad	Montefiore Hospital and Medical Center	Process Analysis and Performance Excellence for Integrated Delivery Care Systems	33	\$805	\$209	\$1,014
Khasawneh, Dr. Mohammad	Memorial Sloan Kettering Cancer Center	Improving Quality, Safety and Patient Flow and Outpatient Medication Management (AMD 6)	50	\$23,501	\$6,110	\$29,611

<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>
Khasawneh, Dr. Mohammad	Zebra Technologies Enterprise Corporation	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing	20	\$2,014	\$212	\$2,225
Khasawneh, Dr. Mohammad	Foxconn Industrial Internet dba FII USA Incorporated	Applied Research in Assembly, Reliability, and Costing for a Global Manufacturer of Electronic Equipment	20	\$4,034	\$1,049	\$5,083
Khasawneh, Dr. Mohammad	Foxconn Assembly Limited Liability Company	Process Engineering and NPI Support in Electronics Assembly	33	\$4,404	\$630	\$5,034
Khasawneh, Dr. Mohammad	Foxconn Assembly Limited Liability Company	Process Development and Improvement for New Product Introductions in Electronics Assembly	33	\$9,113	\$1,497	\$10,609
Khasawneh, Dr. Mohammad	Finger Lakes IPA Incorporated	Healthcare Data Analytics to Improve Population Health and Operations Management	34	\$1,378	\$358	\$1,736
Khasawneh, Dr. Mohammad	Cooper University Health Care	Redesign of Care Processes and Workflows to Facilitate the Implementation of a Customer Relationship Management System (2021-2023)	34	\$38,290	\$6,591	\$44,881
Khasawneh, Dr. Mohammad	Christiana Care Health Services Incorporated	Organizational Excellence Support at Christiana Care (AMD 7)	34	\$4,774	\$711	\$5,485
Khasawneh, Dr. Mohammad	Best Buy Purchasing LLC	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes AMD 2	33	\$3,322	\$349	\$3,671
Khasawneh, Dr. Mohammad	Best Buy Purchasing LLC	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes	33	\$943	\$245	\$1,188
Khasawneh, Dr. Mohammad	Montefiore Hospital and Medical Center	Business Process Engineering Support for Network Management Systems CMO (AMD 23)	33	\$6,692	\$1,740	\$8,432
Lam, Dr. Sarah	Christiana Care Health Services Incorporated	Organizational Excellence Support at Christiana Care (AMD 7)	33	\$4,634	\$690	\$5,324
Lam, Dr. Sarah	Cooper University Health Care	Redesign of Care Processes and Workflows to Facilitate the Implementation of a Customer Relationship Management System (2021-2023)	33	\$37,164	\$6,397	\$43,561

<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>
Ning, Dr. Fuda	Sanmina Corporation	Research in Manufacturing Engineering at a Surface Mounting Technology Company	50	\$4,357	\$1,133	\$5,490
Ning, Dr. Fuda	SUNY System Administration	Research Seed Grant Program	100	\$14,069	\$0	\$14,069
Ning, Dr. Fuda	Sanmina Corporation	Manufacturing Process Design & Quality Inspection R&E at a New Product Introduction Facility	50	\$3,000	\$0	\$3,000
Ning, Dr. Fuda	Sanmina Corporation	Research in Manufacturing Engineering at a New Product Introduction Facility	50	\$4,357	\$1,133	\$5,490
Ning, Dr. Fuda	Sanmina Corporation	Research in Electronics Manufacturing at a New Product Introduction Facility	50	\$27,609	\$4,071	\$31,680
Ning, Dr. Fuda	Sanmina Corporation	Research in Automation Software Engineering for Electronics Packaging	50	\$7,246	\$1,884	\$9,130
Ning, Dr. Fuda	Sanmina Corporation	Research in Electronics Manufacturing and Automation Engineering	50	\$8,059	\$2,095	\$10,154
Ning, Dr. Fuda	Sanmina Corporation	Research in Quality Management in Electronics Manufacturing and Packaging	50	\$10,329	\$2,686	\$13,015
Ning, Dr. Fuda	National Science Foundation	Mechanistic Understanding of Multi-scale Sintering Behavior Influenced by Anisotropic Particle and Pore Distributions in Extrusion-based Metal Additive Manufacturing	50	\$6,479	\$3,205	\$9,684
Ning, Dr. Fuda	Sanmina Corporation	Applied Research of Part Assembly and Process Automation in the Electronics Packaging Industry	50	\$10,406	\$1,278	\$11,684
Poliks, Dr. Mark D	SunRay Scientific LLC	Reliable, Conformable, Wearable Sensors: FA8650-22-C-5020-BU	100	\$22,072	\$12,581	\$34,653
Poliks, Dr. Mark D	NextFlex	Task 6.1: AM High Temperature RF Components for Hypersonics	100	\$73,291	\$0	\$73,291

<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	Lux Semiconductors Incorporated	PC6.1 Evaluating System-on-foil (TM) Interposer for High-Performance FHE	100	\$401	\$229	\$630
Poliks, Dr. Mark D	Nano-Bio Materials Consortium	Paper 52: Wireless Interstitial Fluid Monitoring Devices	100	\$433,243	\$0	\$433,243
Poliks, Dr. Mark D	TTM Technologies	FlexMed Research Support/Collaboration TTM BGM	100	\$1,828	\$457	\$2,284
Poliks, Dr. Mark D	NextFlex	Task 6.2: NextFlex Reliability Validation and Sustainment of Direct-Write Printed RF Devices	100	\$55,968	\$0	\$55,968
Poliks, Dr. Mark D	NextFlex	Task 6.7: NextFlex Mid-Band Phased Array Demonstrator Using Printed and Flexible Hybrid Electronics	100	\$60,224	\$15,164	\$75,389
Poliks, Dr. Mark D	NextFlex	Task 6.10: NextFlex Small-Scale mm-Wave SATCOM System & 5G Systems for UAS Attributable Platform	100	\$222,338	\$0	\$222,338
Poliks, Dr. Mark D	NextFlex	PC7.1 Hybrid RF Multi Chip Module (MCM) with Printed Substrates and Interconnects	100	\$133,816	\$0	\$133,816
Poliks, Dr. Mark D	NextFlex	PC7.7.1: Manufacturing Approaches for Low-Cost Sustainable Single Use Medical Devices	100	\$197,240	\$6,808	\$204,048
Poliks, Dr. Mark D	NextFlex	Task 1.3 NextFlex CII FHE Ecosystem Enhancement	100	\$117,009	\$19,997	\$137,006
Poliks, Dr. Mark D	NYS Department of Economic Development	Center For Flexible Hybrid Medical Device Manufacturing	100	\$4,962	\$744	\$5,706
Poliks, Dr. Mark D	SunRay Scientific LLC	Robust Conformal Interconnections for Skin Patch Electronic Sensor Systems- Agreement No. FA864922P1051	100	\$22,953	\$13,083	\$36,037
Poliks, Dr. Mark D	Empire State Development Corp	ESD Matching to Next Flex 2 Consolidated Award - Upstate Revitalization Initiative - Project #135,244 / CFA # 102273	100	\$117,009	\$19,997	\$137,006

<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	Lockheed Martin Corporation	PC7.1 High Density Flex Interconnects for Heterogeneous System in Package (SIP) Designs Line 1 Service Item -- Line 10 Design, Assembly and Packaging Efforts	100	\$14,933	\$7,678	\$22,611
Poliks, Dr. Mark D	NYS Department of Economic Development	Center For Flexible Hybrid Medical Device Manufacturing	100	\$267,974	\$24,993	\$292,967
Poliks, Dr. Mark D	Empire State Development Corp	AA878 Consolidated Award	100	\$17,149	\$9,775	\$26,925
Poliks, Dr. Mark D	CathBuddy	Development of a Resuable, Sensor-enabled Smart Catheter	100	\$4,397	\$2,506	\$6,904
Poliks, Dr. Mark D	Honeywell Federal Manufacturing & Technologies LLC	Advanced Manufacturing Testing	100	\$43,552	\$24,825	\$68,376
Poliks, Dr. Mark D	Empire State Development Corp	AA878 Consolidated Award	100	\$319,795	\$37,004	\$356,799
Poliks, Dr. Mark D	Empire State Development Corp	AA878 Consolidated Award	100	\$116,512	\$24,217	\$140,729
Poliks, Dr. Mark D	Empire State Development Corp	AA878 Consolidated Award	100	\$25,565	\$9,707	\$35,272
Poliks, Dr. Mark D	Empire State Development Corp	AA878 Consolidated Award	100	\$39,874	\$361	\$40,234
Poliks, Dr. Mark D	Empire State Development Corp	AA878 Consolidated Award	100	\$1,498	\$854	\$2,351
Poliks, Dr. Mark D	Empire State Development Corp	AA878 Consolidated Award	100	\$52,670	\$18,341	\$71,011
Poliks, Dr. Mark D	Empire State Development Corp	AA878 Consolidated Award	100	\$62,169	\$31,890	\$94,059

<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	AA878 Consolidated Award	100	\$10,000	\$5,700	\$15,700
Poliks, Dr. Mark D	Georgia Institute of Technology	Task 6.6: Models and Tools to Predict Reliability and Life of FHE Components and Systems Work Performed in the United States	100	\$1,498	\$854	\$2,351
Poliks, Dr. Mark D	Empire State Development Corp	ESD Matching to Next Flex 2 Consolidated Award - Upstate Revitalization Initiative - Project #135,244 / CFA # 102273	100	\$15,238	\$7,556	\$22,794
Poliks, Dr. Mark D	Corning Incorporated	FlexMed: Metalization and R2R Processing on the Thin Flexible Inorganic Substrates	100	\$181	\$103	\$284
Rocha, Dr. Luis	National Library of Medicine	myAURA: Personalized Web Service for Epilepsy Management	100	\$69,870	\$0	\$69,870
Santos, Dr. Daryl L	Foxconn Assembly Limited Liability Company	Process Development and Improvement for New Product Introductions in Electronics Assembly	33	\$9,113	\$1,497	\$10,609
Santos, Dr. Daryl L	Foxconn Assembly Limited Liability Company	Process Engineering and NPI Support in Electronics Assembly	33	\$4,404	\$630	\$5,034
Santos, Dr. Daryl L	Foxconn Industrial Internet dba FII USA Incorporated	Applied Research in Assembly, Reliability, and Costing for a Global Manufacturer of Electronic Equipment	20	\$4,034	\$1,049	\$5,083
Santos, Dr. Daryl L	PCE Paragon Solutions USA Incorporated	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes	33	\$4,551	\$1,183	\$5,734
Sayama, Dr. Hiroki	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Si, Dr. Bing	National Heart Lung and Blood Institute	Towards Precise Phenotype Discovery of Obstructive Sleep Apnea with a Data-Inclusive Multi-Study Analysis Using the National Sleep Research Resource (NSRR)	100	\$48,119	\$18,695	\$66,814
Si, Dr. Bing	State University of New York	Ray-based Functional Regression with Federated Learning	80	\$28,484	\$0	\$28,484

<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>
Si, Dr. Bing	Eunice Kennedy Shriver National Institute of Child Health & Human Dev	Sleep and Cardiometabolic Health in United States Hispanic/Latino Late Adolescents/ Young Adults	100	\$24,296	\$11,776	\$36,073
Si, Dr. Bing	IBM Corporation	Ray -F2R-FL: Ray Based Functional Regression with Federated Learning	80	\$28,484	\$0	\$28,484
Srihari, Dr. Krishnaswami	Sanmina Corporation	Research in Manufacturing Engineering at a Surface Mounting Technology Company	50	\$4,357	\$1,133	\$5,490
Srihari, Dr. Krishnaswami	Northwell Health	Performance Improvement Initiatives for Northwell Health Central Region Ambulatory Operations	50	\$5,013	\$568	\$5,581
Srihari, Dr. Krishnaswami	PCE Paragon Solutions USA Incorporated	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes	34	\$4,689	\$1,219	\$5,908
Srihari, Dr. Krishnaswami	Raymond Corporation	Inventory Optimization and Process Automation for Raymond Logistics	34	\$2,000	\$520	\$2,520
Srihari, Dr. Krishnaswami	Raymond Corporation	Supporting Continuous Improvement Team's Effort in the Project RESET	34	\$6,792	\$1,266	\$8,059
Srihari, Dr. Krishnaswami	Raymond Leasing Corporation	Developing a Predictive Model of Used Equipment Fair Market Value to Optimize Residual Setting AMD 1	34	\$1,952	\$508	\$2,460
Srihari, Dr. Krishnaswami	RTSync Corporation	Model Level Integrated Architecture for Collaborate Development (CAMLI) Prime Contract HQ0860-22-C-7144	33	\$9,458	\$4,327	\$13,785
Srihari, Dr. Krishnaswami	Sanmina Corporation	Research in Quality Management in Electronics Manufacturing and Packaging	50	\$10,329	\$2,686	\$13,015
Srihari, Dr. Krishnaswami	Sanmina Corporation	Research in Electronics Manufacturing and Automation Engineering	50	\$8,059	\$2,095	\$10,154
Srihari, Dr. Krishnaswami	Sanmina Corporation	Research in Automation Software Engineering for Electronics Packaging	50	\$7,246	\$1,884	\$9,130

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Srihari, Dr. Krishnaswami	Sanmina Corporation	Process Engineering and Development at an Electronics Manufacturing and Packaging Company	100	\$61,352	\$15,144	\$76,496
Srihari, Dr. Krishnaswami	United Health Services Hospitals Incorporated	Business Intelligence and Performance Improvement R&D (2022-2023)	50	\$26,765	\$6,959	\$33,724
Srihari, Dr. Krishnaswami	Sanmina Corporation	Research in Manufacturing Engineering at a New Product Introduction Facility	50	\$4,357	\$1,133	\$5,490
Srihari, Dr. Krishnaswami	Sanmina Corporation	Manufacturing Process Design & Quality Inspection R&E at a New Product Introduction Facility	50	\$3,000	\$0	\$3,000
Srihari, Dr. Krishnaswami	Sanmina Corporation	Applied Research of Part Assembly and Process Automation in the Electronics Packaging Industry	50	\$10,406	\$1,278	\$11,684
Srihari, Dr. Krishnaswami	Schwarzman Animal Medical Center	Operational Assessment and Improvement at the Schwarzman Animal Medical Center	25	\$5,429	\$985	\$6,413
Srihari, Dr. Krishnaswami	Smart Modular Technologies Inc	Continuous Process Improvement for Advanced Complex Surface Mount Devices	50	\$2,309	\$600	\$2,910
Srihari, Dr. Krishnaswami	Smart Modular Technologies Inc	Advanced Assembly Process Research and Development for Complex Surface Mount Devices	50	\$2,309	\$600	\$2,910
Srihari, Dr. Krishnaswami	Smart Modular Technologies Inc	Test Engineering Research and Development Support for Smart Modular Technologies	100	\$36,389	\$5,257	\$41,645
Srihari, Dr. Krishnaswami	SUNY Downstate Health Sciences University	Support for Supply Chain Operations Performance Improvement and Cost Reduction	50	\$13,893	\$3,612	\$17,505
Srihari, Dr. Krishnaswami	TidalHealth	Continuous Performance Improvement and System Modeling Support for TidalHealth, Inc	50	\$32,656	\$6,022	\$38,678
Srihari, Dr. Krishnaswami	Montefiore Hospital and Medical Center	Process Analysis and Performance Excellence for Integrated Delivery Care Systems	34	\$829	\$216	\$1,045

<u><i>Investigator</i></u>	<u><i>Sponsor Name</i></u>	<u><i>Award Title</i></u>	<u><i>% Credited to Investigator</i></u>	<u><i>Direct Costs Expended</i></u>	<u><i>F & A Expended</i></u>	<u><i>Total Expended</i></u>
Srihari, Dr. Krishnaswami	Zebra Technologies Enterprise Corporation	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing	20	\$2,014	\$212	\$2,225
Srihari, Dr. Krishnaswami	Sanmina Corporation	Research in Electronics Manufacturing at a New Product Introduction Facility	50	\$27,609	\$4,071	\$31,680
Srihari, Dr. Krishnaswami	Foxconn Assembly Limited Liability Company	Process Development and Improvement for New Product Introductions in Electronics Assembly	34	\$9,389	\$1,542	\$10,931
Srihari, Dr. Krishnaswami	Montefiore Hospital and Medical Center	Process Analysis and Performance Excellence for Integrated Delivery Care Systems (2023-2024-AMD 3)	34	\$9,020	\$1,522	\$10,543
Srihari, Dr. Krishnaswami	Analog Devices, Incorporated	Packaging System Design R&D and Engineering Support	100	\$42,253	\$7,736	\$49,990
Srihari, Dr. Krishnaswami	Bennett Distribution Services Limited Liability Corporation	Warehouse Operations Management and Analytics Research And Development	34	\$17,130	\$3,305	\$20,436
Srihari, Dr. Krishnaswami	Best Buy Purchasing LLC	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes	34	\$971	\$253	\$1,224
Srihari, Dr. Krishnaswami	Best Buy Purchasing LLC	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes AMD 2	34	\$3,423	\$360	\$3,783
Srihari, Dr. Krishnaswami	Christiana Care Health Services Incorporated	Organizational Excellence Support at Christiana Care (AMD 7)	33	\$4,634	\$690	\$5,324
Srihari, Dr. Krishnaswami	Cooper University Health Care	Redesign of Care Processes and Workflows to Facilitate the Implementation of a Customer Relationship Management System (2021-2023)	33	\$37,164	\$6,397	\$43,561
Srihari, Dr. Krishnaswami	Finger Lakes IPA Incorporated	Healthcare Data Analytics to Improve Population Health and Operations Management	33	\$1,338	\$348	\$1,685
Srihari, Dr. Krishnaswami	Foxconn Assembly Limited Liability Company	Process Engineering and NPI Support in Electronics Assembly	34	\$4,537	\$649	\$5,187

<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. Krishnaswami	Foxconn Industrial Internet dba FII USA Incorporated	Applied Research in Assembly, Reliability, and Costing for a Global Manufacturer of Electronic Equipment	20	\$4,034	\$1,049	\$5,083
Srihari, Dr. Krishnaswami	Lattice Semiconductor	Interactive Data Management Platform to Drive Smart Manufacturing in Fabless Semiconductor Manufacturing Chains (AMD#2 2023-2024)	34	\$10,984	\$2,188	\$13,172
Srihari, Dr. Krishnaswami	Mount Sinai Medical Center	WISE Healthcare Systems Engineering and Analytics Support Continuous Performance Improvement Research and Implementation 12104371 Amend 5 & 6 and 7 & 8	50	\$95,002	\$17,337	\$112,340
Srihari, Dr. Krishnaswami	EOS Energy Enterprises	Application Engineering Support for Technical Solutions in Battery Energy Storage Systems (AMD 4)	50	\$11,351	\$2,171	\$13,522
Srihari, Dr. Krishnaswami	Memorial Sloan Kettering Cancer Center	Improving Quality, Safety and Patient Flow and Outpatient Medication Management (AMD 6)	50	\$23,501	\$6,110	\$29,611
Srihari, Dr. Krishnaswami	GE Grid Solutions	Battery Performance Degradation Prediction and Market Bidding Optimization Using Artificial Intelligence, Machine Learning and Stochastic Optimization AMD 2	50	\$145	\$38	\$183
Srihari, Dr. Krishnaswami	Lattice Semiconductor	Interactive Data Management Platform to Drive Smart Manufacturing in Fabless Semiconductor Manufacturing Chains (AMD 1. 22-23)	34	\$231	\$60	\$291
Srihari, Dr. Krishnaswami	Kennedy Valve Company	Electronic Information System Implementation and Powder Coating Process Improvement	25	\$6,481	\$1,019	\$7,500
Srihari, Dr. Krishnaswami	Kennedy Valve Company	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement	25	\$9,256	\$2,407	\$11,663
Srihari, Dr. Krishnaswami	Innovation Associates Doing Business As iA	Pharmacy System Design Validation and Principle Development Through Data Analytics and Simulation Modeling	34	\$19,801	\$2,496	\$22,297
Srihari, Dr. Krishnaswami	Holy Name Medical Center	Advanced Data Analytics and Performance Improvement Support for Holy Name Medical Center	50	\$15,528	\$3,128	\$18,656

<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. Krishnaswami	Montefiore Hospital and Medical Center	Business Process Engineering Support for Network Management Systems CMO (AMD 23)	34	\$6,895	\$1,793	\$8,688
Wang, Dr. Yong	Montefiore Hospital and Medical Center	Business Process Engineering Support for Network Management Systems CMO (AMD 23)	33	\$6,692	\$1,740	\$8,432
Wang, Dr. Yong	Finger Lakes IPA Incorporated	Healthcare Data Analytics to Improve Population Health and Operations Management	33	\$1,338	\$348	\$1,685
Wang, Dr. Yong	Raymond Leasing Corporation	Developing a Predictive Model of Used Equipment Fair Market Value to Optimize Residual Setting AMD 1	33	\$1,895	\$493	\$2,388
Wang, Dr. Yong	Raymond Corporation	Supporting Continuous Improvement Team's Effort in the Project RESET	33	\$6,593	\$1,229	\$7,822
Wang, Dr. Yong	Raymond Corporation	Inventory Optimization and Process Automation for Raymond Logistics	33	\$1,942	\$505	\$2,446
Wang, Dr. Yong	Montefiore Hospital and Medical Center	Process Analysis and Performance Excellence for Integrated Delivery Care Systems (2023-2024-AMD 3)	33	\$8,755	\$1,478	\$10,233
Wang, Dr. Yong	Montefiore Hospital and Medical Center	Process Analysis and Performance Excellence for Integrated Delivery Care Systems	33	\$805	\$209	\$1,014
Wang, Dr. Yong	GE Grid Solutions	Battery Performance Degradation Prediction and Market Bidding Optimization Using Artificial Intelligence, Machine Learning and Stochastic Optimization AMD 2	50	\$145	\$38	\$183
Wang, Dr. Yong	EOS Energy Enterprises	Application Engineering Support for Technical Solutions in Battery Energy Storage Systems (AMD 4)	50	\$11,351	\$2,171	\$13,522
Wang, Dr. Yong	Bennett Distribution Services Limited Liability Corporation	Warehouse Operations Management and Analytics Research And Development	33	\$16,626	\$3,208	\$19,834
Wang, Dr. Yong	Kennedy Valve Company	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement	25	\$9,256	\$2,407	\$11,663

<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. Yong	Kennedy Valve Company	Electronic Information System Implementation and Powder Coating Process Improvement	25	\$6,481	\$1,019	\$7,500
Wang, Dr. Zimo	Kennedy Valve Company	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement	25	\$9,256	\$2,407	\$11,663
Wang, Dr. Zimo	Kennedy Valve Company	Electronic Information System Implementation and Powder Coating Process Improvement	25	\$6,481	\$1,019	\$7,500
Won, Dr. Daehan	Koh Young Technology Incorporated	Development of Closed-Loop Control and Optimization Modules of the Printed Circuit Board Assembly Processes in Surface Mount Technology: A Systematic Integration of Reflow and Dispensing Processes with PCB Assembly for Quality Enhancement	33	\$8,740	\$3,941	\$12,680
Won, Dr. Daehan	Zebra Technologies Enterprise Corporation	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing	20	\$2,014	\$212	\$2,225
Won, Dr. Daehan	Schwarzman Animal Medical Center	Operational Assessment and Improvement at the Schwarzman Animal Medical Center	25	\$5,429	\$985	\$6,413
Won, Dr. Daehan	Lattice Semiconductor	Interactive Data Management Platform to Drive Smart Manufacturing in Fabless Semiconductor Manufacturing Chains (AMD#2 2023-2024)	33	\$10,661	\$2,124	\$12,785
Won, Dr. Daehan	Koh Young Technology Incorporated	Development of Closed-Loop Control and Optimization Modules of the Printed Circuit Board Assembly Processes in Surface Mount Technology	33	\$19,287	\$10,347	\$29,634
Won, Dr. Daehan	Best Buy Purchasing LLC	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes AMD 2	33	\$3,322	\$349	\$3,671
Won, Dr. Daehan	Best Buy Purchasing LLC	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes	33	\$943	\$245	\$1,188
Won, Dr. Daehan	Lattice Semiconductor	Interactive Data Management Platform to Drive Smart Manufacturing in Fabless Semiconductor Manufacturing Chains (AMD 1. 22-23)	33	\$224	\$58	\$283

<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	Kennedy Valve Company	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement	25	\$9,256	\$2,407	\$11,663
Yoon, Dr. Sangwon	Lattice Semiconductor	Interactive Data Management Platform to Drive Smart Manufacturing in Fabless Semiconductor Manufacturing Chains (AMD#2 2023-2024)	33	\$10,661	\$2,124	\$12,785
Yoon, Dr. Sangwon	RTSync Corporation	Model Level Integrated Architecture for Collaborate Development (CAMLI) Prime Contract HQ0860-22-C-7144	34	\$9,744	\$4,458	\$14,203
Yoon, Dr. Sangwon	Raymond Leasing Corporation	Developing a Predictive Model of Used Equipment Fair Market Value to Optimize Residual Setting AMD 1	33	\$1,895	\$493	\$2,388
Yoon, Dr. Sangwon	Schwarzman Animal Medical Center	Operational Assessment and Improvement at the Schwarzman Animal Medical Center	25	\$5,429	\$985	\$6,413
Yoon, Dr. Sangwon	Raymond Corporation	Supporting Continuous Improvement Team's Effort in the Project RESET	33	\$6,593	\$1,229	\$7,822
Yoon, Dr. Sangwon	Zebra Technologies Enterprise Corporation	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing	20	\$2,014	\$212	\$2,225
Yoon, Dr. Sangwon	Raymond Corporation	Inventory Optimization and Process Automation for Raymond Logistics	33	\$1,942	\$505	\$2,446
Yoon, Dr. Sangwon	Koh Young Technology Incorporated	Development of Closed-Loop Control and Optimization Modules of the Printed Circuit Board Assembly Processes in Surface Mount Technology	33	\$19,287	\$10,347	\$29,634
Yoon, Dr. Sangwon	Kennedy Valve Company	Electronic Information System Implementation and Powder Coating Process Improvement	25	\$6,481	\$1,019	\$7,500
Yoon, Dr. Sangwon	Innovation Associates Doing Business As iA	Pharmacy System Design Validation and Principle Development Through Data Analytics and Simulation Modeling	33	\$19,219	\$2,423	\$21,641
Yoon, Dr. Sangwon	Bennett Distribution Services Limited Liability Corporation	Warehouse Operations Management and Analytics Research And Development	33	\$16,626	\$3,208	\$19,834

<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	Koh Young Technology Incorporated	Development of Closed-Loop Control and Optimization Modules of the Printed Circuit Board Assembly Processes in Surface Mount Technology: A Systematic Integration of Reflow and Dispensing Processes with PCB Assembly for Quality Enhancement	33	\$8,740	\$3,941	\$12,680
Yoon, Dr. Sangwon	Lattice Semiconductor	Interactive Data Management Platform to Drive Smart Manufacturing in Fabless Semiconductor Manufacturing Chains (AMD 1. 22-23)	33	\$224	\$58	\$283
Department Total:				\$4,822,748		
020 Univ Police Admin						
Hubeny, Mr. David	Federal Emergency Management Agency	Binghamton Two Degrees: What Will Binghamton Look Like Under Two Degrees of Warming and What Can We Do Now to Prepare?	6	\$120	\$68	\$188
Department Total:				\$188		
020 Watson School Deans Office						
Chan, Mr. Benson	FuzeHub	Surface Mount Technology Line (SMT) - Low Volume/High Mix	100	\$50,000	\$0	\$50,000
Ghose, Dr. Kanad	Multiple Sponsors	Miscellaneous Support for ES2	50	\$21,764	\$2,176	\$23,941
Ghose, Dr. Kanad	Villanova University	PHASE II- IUCRC Center for Energy-Smart Electronic Systems - Subaward 525877 Fleischer Binghamton	50	\$148	\$84	\$232
Ghose, Dr. Kanad	National Science Foundation	Phase II IUCRC Binghamton University Center for Energy-Smart Electronic Systems (ES2)	50	\$193	\$107	\$300
Ghose, Dr. Kanad	University of Texas at Arlington	Phase II IUCRC University of Texas at Arlington Center for Energy Smart Electronic Systems - UTA NSF Award 1738811	50	\$545	\$311	\$856
Ghose, Dr. Kanad	Multiple Sponsors	Membership Commitments to Phase 3 award for ES2	50	\$8,333	\$0	\$8,333

<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>
Ghose, Dr. Kanad	Multiple Sponsors	Membership Commitments to Phase 3 award for ES2	50	\$45,832	\$0	\$45,832
Ghose, Dr. Kanad	Multiple Sponsors	Membership Commitments to Phase 3 award for ES2	50	\$120,926	\$12,093	\$133,019
Gieskes, Mr. Koenraad E.	NYS Education Department	Science and Technology Entry Program (STEP) 2023-2024	50	\$24,019	\$1,922	\$25,941
Gieskes, Mr. Koenraad E.	US Department of Education	Binghamton University Upward Bound Math and Science	50	\$86,836	\$6,931	\$93,767
Gieskes, Mr. Koenraad E.	NYS Education Department	Science and Technology Entry Program (STEP)	50	\$3,971	\$27	\$3,998
Gieskes, Mr. Koenraad E.	National Science Foundation	Louis Stokes New STEM Pathways and Research Alliance: State University of New York (SUNY)	100	\$1,994	\$0	\$1,994
Park, Dr. Seungbae	GLOBALFOUNDRIES Inc.	IEEC Membership 2022-2023	100	\$4,115	\$823	\$4,938
Park, Dr. Seungbae	Analog Devices, Incorporated	Analog Devices Full Membership in the IEEC 2019-2024	100	\$2,294	\$459	\$2,753
Park, Dr. Seungbae	Prismark Partners LLC	Prismark Partner's Full Membership in the IEEC	100	\$12,499	\$2,500	\$14,998
Park, Dr. Seungbae	Menlo Microsystems Incorporated	Menlo Microsystems Participating Membership In the IEEC	100	\$3,917	\$783	\$4,700
Park, Dr. Seungbae	Universal Instruments Corporation	Universal Instruments Annual Participating Membership IEEC	100	\$1,608	\$322	\$1,929
Park, Dr. Seungbae	Koh Young Technology Incorporated	Integrated Electronics Engineering Center Membership 2018-2024	100	\$4,657	\$931	\$5,588

<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	IBM Corporation	IEEC Membership- IBM 2018-2023	100	\$43,015	\$8,603	\$51,619
Park, Dr. Seungbae	NYS Department of Economic Development	Integrated Electronics Engineering Center (IEEC)	100	\$222,305	\$31,410	\$253,715
Park, Dr. Seungbae	Corning Incorporated	IEEC Membership 2015-2024 - Corning Inc.	100	\$7,671	\$1,534	\$9,206
Park, Dr. Seungbae	BAE Systems Controls Incorporated	BAE Full IEEC Membership 2021-2023	100	\$25,361	\$5,072	\$30,433
Park, Dr. Seungbae	Applied Materials	Applied Materials IEEC Participating Membership 2022-2023	100	\$310	\$62	\$372
Park, Dr. Seungbae	Advanced Semiconductor Engineering Incorporated	ASE's Membership in the IEEC, 2015-2024	100	\$27,353	\$5,471	\$32,823
Park, Dr. Seungbae	Dupont Speciality Products USA LLC	E.I. du Pont IEEC Membership	100	\$4,258	\$852	\$5,109
Park, Dr. Seungbae	AVO Photonics	Avo Photonics Participating Membership in IEEC 2021-2022	100	\$8	\$2	\$9
Sammakia, Dr. Bahgat G	Multiple Sponsors	Membership Commitments to Phase 3 award for ES2	50	\$8,333	\$0	\$8,333
Sammakia, Dr. Bahgat G	Villanova University	PHASE II- IUCRC Center for Energy-Smart Electronic Systems - Subaward 525877 FleischerBinghamton	50	\$148	\$84	\$232
Sammakia, Dr. Bahgat G	University of Texas at Arlington	Phase II IUCRC University of Texas at Arlington Center for Energy Smart Electronic Systems - UTA NSF Award 1738811	50	\$545	\$311	\$856
Sammakia, Dr. Bahgat G	NYS Department of Economic Development	Center of Excellence; Small Package Systems Integration and Packaging (S3IP_ 2023-2024	100	\$368,080	\$54,388	\$422,468

<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	NYS Department of Economic Development	COE 2022-2023	100	\$57,410	\$0	\$57,410
Sammakia, Dr. Bahgat G	National Science Foundation	Phase II IUCRC Binghamton University Center for Energy-Smart Electronic Systems (ES2)	50	\$193	\$107	\$300
Sammakia, Dr. Bahgat G	Multiple Sponsors	Membership Commitments to Phase 3 award for ES2	50	\$120,926	\$12,093	\$133,019
Sammakia, Dr. Bahgat G	Multiple Sponsors	Membership Commitments to Phase 3 award for ES2	50	\$45,832	\$0	\$45,832
Sammakia, Dr. Bahgat G	Multiple Sponsors	Miscellaneous Support for ES2	50	\$21,764	\$2,176	\$23,941
Srihari, Dr. Krishnaswami	Multiple Sponsors	Income Received Through Watson School Continuing Education for SSIE Activities	100	\$14,043	\$3,511	\$17,553
Srihari, Dr. Krishnaswami	Multiple Sponsors	Income from Watson School Continuing Education Miscellaneous Activities	100	\$37,333	\$9,333	\$46,666

Department Total: \$1,563,016

Credit Organization Name

Person Full Name	Sponsor Name	Award Name
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Department Total:

Total: \$27,110,326
