

Sponsored Programs Proposal Submission Report

For the period July 1, 2023 to December 31, 2023



<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
020 Africana Studies						
Titilayo Okoror	RWJF For Cordelia Martin-Ikpe: Accounting Neighborhood Characteristics In Health SystemsAlignment: Disparities in Acute Care Incidence Among PACE Participants in Metro Detroit	Robert Wood Johnson Foundation	100%	\$260,000	2/1/2024	1/31/2026
			Total # Credited	1.00		
			Total \$ Credited	\$260,000		
020 Anthropology						
Carl Lipo	Solomon Islands Project	International Archaeological Research Institute	100%	\$127,392	6/30/2023	6/29/2024
David Mixter	Building Maya Hierarchy: Excavations in a Preclassic Triadic Group at Actuncan, Belize	Rust Family Foundation	100%	\$9,868	4/1/2024	3/31/2025
Michel Shamooun-Pour	Characterizing PFAS Precursors Degradation by Microbiological Processes	Environmental Research and Education Foundation	100%	\$118,750	7/21/2023	7/20/2025
			Total # Credited	3.00		
			Total \$ Credited	\$256,010		
020 Art History						
Claire Kovacs	In This Place: Contemporary Indigenous Artists of New York	NEA Foundation	100%	\$119,287	6/1/2024	3/31/2025
			Total # Credited	1.00		
			Total \$ Credited	\$119,287		
020 Arts amd Sciences Dean						

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Pamela Mischen	Educating Vulnerable Populations about Climate Change to Inspire Action	Environmental Protection Agency	100%	\$100,000	7/1/2024	6/30/2026
			Total # Credited	1.00		
			Total \$ Credited	\$100,000		
020 Arts and Sciences Dean						
Divya Gupta	Collaborative Research Actions (CRAs) / Opportunities (belmontforum.org)	Belmont Forum	100%	\$303,516	4/1/2024	3/31/2027
Divya Gupta	Collaborative Research Actions (CRAs) / Opportunities (belmontforum.org)	Belmont Forum	100%	\$303,516	4/1/2024	3/31/2027
			Total # Credited	2.00		
			Total \$ Credited	\$607,032		
020 Asian Asian-American Studies						
Sungdai Cho	Regionalization of Korean Studies: Making Assemblage of Korean Studies in New York, USA	Academy of Korean Studies	100%	\$750,000	11/1/2023	10/31/2033
			Total # Credited	1.00		
			Total \$ Credited	\$750,000		
020 Biological Sciences						
Adam Session	Rapid identification and classification of differential repeat activity in the human pangenome based on k-mer spectra	National Human Genome Research Institute	100%	\$617,740	7/1/2024	6/30/2027
Adam Session	Resubmission: R03: Contact-dependent suppression of <i>Clostridioides difficile</i> sporulation by enterococci	National Institute of Allergy & Infectious Disease	25%	\$39,250	7/1/2024	6/30/2026
Adam Session	Collaborative Research: Variation in mutualist partner quality along the speciation continuum in a species complex of keystone seed dispersers	National Science Foundation	18%	\$244,062	5/1/2024	4/30/2028

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Caitlin Light	REU Site: Microbial Biofilm Development, Resistance, & Community Structure	National Science Foundation	90%	\$399,557	6/1/2025	5/31/2028
Claudia Marques	An in vitro gut model of long COVID to characterize and resolve microbial dysbiosis	Springer Nature Limited	50%	\$55,000	4/1/2024	3/31/2025
Claudia Marques	Revealing PFAS bioavailability and impacts on human gut health with an organ-on-a-chip model	USDA National Institute of Food and Agriculture	33%	\$214,500	5/1/2024	4/30/2028
Claudia Marques	Use of engineered models to determine nanoplastic effects on the small intestine	National Institutes of Health	50%	\$1,887,351	9/1/2024	8/31/2029
David Davies	Infective Endocarditis on a Chip	National Science Foundation	25%	\$150,000	9/1/2024	8/31/2027
James Sobel	Collaborative Research: Evolution of hybrid incompatibilities at the early stages of speciation	National Science Foundation	100%	\$666,264	6/1/2024	5/31/2027
Karin Sauer	REU Site: Microbial Biofilm Development, Resistance, & Community Structure	National Science Foundation	10%	\$44,395	6/1/2025	5/31/2028
Karin Sauer	Hydrogel wound dressing for prevention and treatment of biofilm infections via pyruvate depletion	University of Vermont	100%	\$942,000	7/1/2024	6/30/2029
Kirsten Prior	Collaborative Research: Variation in mutualist partner quality along the speciation continuum in a species complex of keystone seed dispersers	National Science Foundation	45%	\$610,155	5/1/2024	4/30/2028
Laura Cook	The gut microbiota as a link between alcohol and pain sensitivity	National Institute for Alcohol Abuse & Alcoholism	50%	\$953,529	7/1/2024	6/30/2029
Laura Cook	Resubmission: Characterization of a two-component regulatory system in <i>Streptococcus agalactiae</i>	National Institute of Allergy & Infectious Disease	90%	\$1,626,194		3/31/2029

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Laura Cook	Investigation into a novel sRNA in <i>Streptococcus agalactiae</i> colonization and metal homeostasis	National Institute of Allergy & Infectious Disease	100%	\$424,341	7/1/2024	6/30/2026
Laura Musselman	Resubmission: R21: Identifying Genetic Contributors to Longevity in Lab-adapted <i>Drosophila</i> Populations	National Institute on Aging	100%	\$448,620	7/1/2024	6/30/2026
Peter McKenney	Resubmission: R03: Contact-dependent suppression of <i>Clostridioides difficile</i> sporulation by enterococci	National Institute of Allergy & Infectious Disease	75%	\$117,750	7/1/2024	6/30/2026
Peter McKenney	Development and Application of an ARG Detector to Evaluate ARG Contamination and Removal Effectiveness in Leafy Vegetables	USDA National Institute of Food and Agriculture	34%	\$102,000	6/1/2024	5/31/2026
Thomas Powell	Collaborative Research: Variation in mutualist partner quality along the speciation continuum in a species complex of keystone seed dispersers	National Science Foundation	37%	\$501,683	5/1/2024	4/30/2028
Thomas Powell	Collaborative Research: Sexual isolation in the wake of ecological adaptation and speciation: how multifaceted reproductive isolation evolves early in divergence	National Science Foundation	100%	\$302,197	7/1/2024	6/30/2028
			Total # Credited	12.32		
			Total \$ Credited	\$10,346,587		

020 Biomedical Engineering

Ahyeon Koh	Smart Periodontal Probe System	National Institute of Dental & Craniofacial Res	85%	\$364,103	7/1/2024	6/30/2026
Ahyeon Koh	MRI: Track 1 Acquisition of an Atomic Layer Deposition System for Research and Training at Binghamton University	National Science Foundation	15%	\$166,938	1/1/2025	12/31/2027
Ahyeon Koh	Development of non-invasive wearable sensor system for monitoring physical and heat exposures among agricultural workers	Oregon State University	50%	\$449,505	7/1/2024	6/30/2028

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Fake Lu	MRI-based magnitude modeling and phase quantitative susceptibility mapping for myelin and iron quantification	Cornell University	100%	\$65,923	7/1/2024	6/30/2029
Gretchen Mahler	Use of engineered models to determine nanoplastic effects on the small intestine	National Institutes of Health	50%	\$1,887,351	9/1/2024	8/31/2029
Gretchen Mahler	macrophages - AHA predoc fellowship Salemizadehparizi, Fatemeh	American Heart Association Incorporated	100%	\$67,388	1/1/2025	12/31/2026
Gretchen Mahler	Dietary grape pomace and nanoparticles; a combined protective approach to battle Avian Necrotic Enteritis	Cornell University	100%	\$60,000	3/1/2024	2/28/2025
Gretchen Mahler	NRT-AI: Intelligent Biotechnology and Biomanufacturing (IBB)	National Science Foundation	10%	\$300,000	5/1/2024	4/30/2029
Gretchen Mahler	Infective Endocarditis on a Chip	National Science Foundation	25%	\$150,000	9/1/2024	8/31/2027
Gretchen Mahler	An in vitro gut model of long COVID to characterize and resolve microbial dysbiosis	Springer Nature Limited	50%	\$55,000	4/1/2024	3/31/2025
Gretchen Mahler	A Systemic Approach to Predict the Excretion of Antidepressants into Breast Milk	US Food and Drug Administration	15%	\$180,000	10/1/2023	9/30/2027
Gretchen Mahler	Revealing PFAS bioavailability and impacts on human gut health with an organ-on-a-chip model	USDA National Institute of Food and Agriculture	33%	\$214,500	5/1/2024	4/30/2028
Gretchen Mahler	Evaluating PFAS uptake and mitigation in chicken with engineered models	Environmental Protection Agency	50%	\$800,000	9/1/2024	8/31/2028
Kaiming Ye	Tissue Factor-driven Modulation of Cellular Signaling Pathways for Multicellular Islet Organogenesis	National Institutes of Health	50%	\$1,616,148	7/1/2024	6/30/2029
Kaiming Ye	NRT-AI: Intelligent Biotechnology and Biomanufacturing (IBB)	National Science Foundation	60%	\$1,800,000	5/1/2024	4/30/2029

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
qianbin wang	Understanding the Involvement of Immediate Early Gene ATF3 in the Experimental Glaucoma Model	BrightFocus Foundation	100%	\$200,000	1/1/2024	12/31/2025
Qianbin Wang	Unlocking the Potential of Oscillation Potentials for Early Glaucoma Detection	Glaucoma Foundation	100%	\$60,000	2/1/2024	1/31/2025
Qianbin Wang	Validation of novel therapeutic target(s) and small molecules in experimental glaucoma and optic nerve crush mouse models	Myrobalan Therapeutics	100%	\$40,364	10/1/2023	9/30/2024
Qianbin Wang	Quantum Dots-Assisted Real-Time Tracking of Virus	National Institutes of Health	100%	\$1,894,100	8/1/2024	7/31/2029
Qianbin Wang	Microfluidics-Enabled High-Throughput Injectable Oil Microbeads for Experimental Glaucoma Models	National Institutes of Health	72%	\$291,161	8/1/2024	7/31/2026
Qianbin Wang	Dissecting electrophysiological biomarkers of glaucoma with a differential electroretinography system	National Institutes of Health	70%	\$2,441,895	9/1/2024	8/31/2029
Qianbin Wang	A Non-Invasive Eye Sensing Approach for Glaucoma Early Detection	Sony Corporation	100%	\$100,000	9/1/2024	8/31/2025
Sha Jin	Tissue Factor-driven Modulation of Cellular Signaling Pathways for Multicellular Islet Organogenesis	National Institutes of Health	50%	\$1,616,148	7/1/2024	6/30/2029
Sha Jin	NRT-AI: Intelligent Biotechnology and Biomanufacturing (IBB)	National Science Foundation	10%	\$300,000	5/1/2024	4/30/2029
Siyuan Rao	Non-invasive Magnetic Technology to Enhance Brain Cognitive Function	Sony Corporation	100%	\$100,000	7/1/2024	6/30/2025
Siyuan Rao	TRANSFER: CAREER: Multifunctional Soft Neural Probes for Elucidating Spinal Cord Injury Pathophysiology	National Science Foundation	100%	\$541,973	7/1/2023	6/30/2028
Siyuan Rao	Dissecting electrophysiological biomarkers of glaucoma with a differential electroretinography system	National Institutes of Health	30%	\$1,046,526	9/1/2024	8/31/2029

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Siyuan Rao	Magnetic Modulation for Targeted Neural Circuits	National Institutes of Health	100%	\$2,186,174	7/1/2024	6/30/2029
Siyuan Rao	Magnetonanotechnology for Programmable Genetic Manipulation	National Institute of General Medical Sciences	100%	\$1,918,040	8/1/2024	7/31/2029
Siyuan Rao	Deciphering memory engrams of pain experience	Chan Zuckerberg Science Initiative	100%	\$99,999	6/1/2024	5/31/2025
Siyuan Rao	Revealing Cellular Mechanism Underlying Rescuing Autistic-like Phenotypes in the Shank3 mutant mice	Brain and Behavior Research Foundation	100%	\$49,441	12/1/2023	11/30/2024
Tracy Hookway	AHA Pre-doctoral Fellowship - Jules Manchester	American Heart Association Incorporated	100%	\$67,388	1/1/2024	12/31/2025
Tracy Hookway	HHMI Gilliam Fellows Program	Howard Hughes Medical Institute	100%	\$159,000	1/1/2024	12/31/2026
Yizeng Li	MRI: Acquisition of a Maskless Lithography Tool for Boosting Research and Education Activities in Greater Binghamton	National Science Foundation	40%	\$214,851	9/1/2024	8/31/2025
Yizeng Li	NSF: Collaborative Research: Analysis and Computation on Mammalian Cell Polarization, Morphology, and Motility Under Hydraulic Resistance-Induced Bio-Chemo-Physical Signals	National Science Foundation	100%	\$330,399	9/1/2024	8/31/2027
Yuan Wan	EV for immunotherapy (ACS DBG)	American Cancer Society	100%	\$299,999	7/1/2024	6/30/2026
Yuan Wan	Engineered extracellular vesicles as a drug modality for immune checkpoint blockade and cytosolic delivery of granzyme B	National Cancer Institute	90%	\$388,575	8/1/2024	7/31/2026
Yuan Wan	Integrating Deep Learning with Liquid Biopsy for the Distinctive Diagnosis of Malignant Lung Nodules	National Institutes of Health	100%	\$4,018,101	8/1/2024	7/31/2029
Yuan Wan	MRI: Acquisition of a Maskless Lithography Tool for Boosting Research and Education Activities in Greater Binghamton	National Science Foundation	40%	\$214,851	9/1/2024	8/31/2025

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
--------------------	--------------	---------------------	-------------------------	--------------------	-----------------------------	---------------------------

Total # Credited 27.95
Total \$ Credited \$26,755,839

020 CCPA Deans Office

Elizabeth Anderson	2023 NY UACS Statewide Scale Up	US Department of Education	10%	\$3,538,234	1/1/2024	12/31/2028
Kathleen Provinzano	Integrating Critical Components of Inclusive Elementary STEM-Focused Schools into Full-Service Community Schools: FSCSSTEM	National Science Foundation	100%	\$2,819,899	10/1/2024	9/30/2028
Laura Bronstein	2023 NY UACS Statewide Scale Up	US Department of Education	10%	\$3,538,234	1/1/2024	12/31/2028
LuAnn Kida	2023 NY UACS Statewide Scale Up	US Department of Education	10%	\$3,538,234	1/1/2024	12/31/2028
Naorah Rimkunas	2023 NY UACS Statewide Scale Up	US Department of Education	70%	\$24,767,640	1/1/2024	12/31/2028

Total # Credited 2.00
Total \$ Credited \$38,202,242

020 CCPA Human Development

Leo Wilton	Adapting and combining structural and group-level behavioral interventions to enhance intersectional stigma-reduction among sexual minority men in Ghana	Yale University	100%	\$125,476	7/1/2024	6/30/2026
------------	--	-----------------	------	-----------	----------	-----------

Total # Credited 1.00
Total \$ Credited \$125,476

020 CCPA Social Work

Monica Adams	Emerging Poverty Scholars Award	Not Applicable	100%	\$60,000	9/1/2023	8/31/2025
--------------	---------------------------------	----------------	------	----------	----------	-----------

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
			Total # Credited	1.00		
			Total \$ Credited	\$60,000		
020 CCPA Student Affairs						
John Zilvinskis	Collaborative Research: Engaging Disabled Students in STEM	National Science Foundation	65%	\$293,264	1/1/2024	12/31/2026
			Total # Credited	0.65		
			Total \$ Credited	\$293,264		
020 CCPA Teaching Learning Educ Leadership						
Amber Simpson	F-AI-LS: Learning from Failure by Using AI-Assisted Digital Storytelling	Arizona State University	100%	\$183,315	5/16/2024	5/15/2027
Amber Simpson	DTI: Engaging High School Students, Teachers, and Community Partners in Geoarchaeological Investigations through Place-Based Educational Experiences using Non-Invasive Technology	National Science Foundation	33%	\$427,723	6/1/2024	5/31/2028
Amber Simpson	Preparing Prospective Secondary Mathematics Educators through a Teacher Education Program Grounded in Community, Equity, and Inclusion	National Science Foundation	85%	\$1,017,806	7/1/2024	6/30/2029
Hoe Kyeong Kim	Economy and Sociolinguistic Variations of Korean Anaphoric Expressions: Across Different Ages	Academy of Korean Studies	100%	\$18,400	2/1/2024	1/31/2025
Hyejung Kim	Collaborative Research: Engaging Disabled Students in STEM	National Science Foundation	35%	\$157,912	1/1/2024	12/31/2026
Loretta Mason-Williams	The Special Educator Workforce: A Research Collaborative	American Institutes for Research	100%	\$250,000	8/1/2024	7/31/2029
			Total # Credited	4.53		
			Total \$ Credited	\$2,055,156		

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
020 Chemistry						
Chuan Jian Zhong	Stability of supported nanoalloy catalysts under reactive conditions	National Science Foundation	100%	\$415,370	8/1/2024	7/31/2027
Chuan Jian Zhong	NSF Convergence Accelerator Track (L): Development of a Wireless Intelligent Sensor Platform for Fingerprinting Air and Breath	National Science Foundation	50%	\$375,000	12/1/2023	11/30/2024
Chuan Jian Zhong	Stability of supported nanoalloy catalysts under reactive conditions	National Science Foundation	100%	\$415,370	8/1/2024	7/31/2027
Claire Besson	Goblet-shaped, lanthanide-based molecular spin valves	National Science Foundation	100%	\$97,587	1/1/2024	12/31/2024
Hao Liu	MRI: Track 1 Acquisition of an Atomic Layer Deposition System for Research and Training at Binghamton University	National Science Foundation	15%	\$166,938	1/1/2025	12/31/2027
Huiyuan Guo	CAREER: From the mother to the offspring: nanoplastic transfer and toxicity in aquatic species	National Science Foundation	100%	\$696,318	2/1/2024	1/31/2029
Huiyuan Guo	Revealing PFAS bioavailability and impacts on human gut health with an organ-on-a-chip model	USDA National Institute of Food and Agriculture	34%	\$221,000	5/1/2024	4/30/2028
Huiyuan Guo	Agricultural biosecurity: SERS-assisted nanosensors for rapid, early, and high-throughput detection and surveillance of viruses in livestock facilities	USDA National Institute of Food and Agriculture	100%	\$1,149,999	6/1/2024	5/31/2029
Huiyuan Guo	Exploring Micro-Nanoplastic Contamination of Edible Vegetable Leaves and Innovative Postharvest Washing for Mitigation	USDA National Institute of Food and Agriculture	100%	\$650,000	6/1/2024	5/31/2029
Huiyuan Guo	Track pesticide spray efficacy and drift using an agricultural residue-derived nanosensor	USDA National Institute of Food and Agriculture	100%	\$650,000	6/1/2024	5/31/2029
Huiyuan Guo	Development and Application of an ARG Detector to Evaluate ARG Contamination and Removal Effectiveness in Leafy Vegetables	USDA National Institute of Food and Agriculture	66%	\$198,000	6/1/2024	5/31/2026

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Huiyuan Guo	Evaluating PFAS uptake and mitigation in chicken with engineered models	Environmental Protection Agency	50%	\$800,000	9/1/2024	8/31/2028
Jiye Fang	Preventing Catalyst Degradation in Oxygen Reduction: Harnessing Doped Pt ₃ Ni(111) Facets with Pt(111)-Skin	National Science Foundation	100%	\$519,236	7/1/2024	6/30/2027
Jiye Fang	From Breakdown to Breakthrough: Enhancing Durability in Water Oxidation Catalysis	National Science Foundation	100%	\$484,485	7/1/2024	6/30/2027
Jiye Fang	Perovskite Solar Powered Hydrogen Generation	New York State Energy Research and Development Authority	80%	\$266,078	6/1/2024	5/31/2026
John Swierk	Collaborative Research: Mediated Electrochemistry for Polymer Recycling	National Science Foundation	100%	\$350,000	6/1/2024	5/31/2027
Julien Panetier	Collaborative Research: Ambient Polyvinyl Chloride Upgrading Using Earth-Abundant Molecular Electrocatalysts	National Science Foundation	100%	\$253,093	5/1/2024	4/30/2027
Julien Panetier	Computational Modeling of Carbon Monoxide Dehydrogenase Model Systems for Carbon Dioxide Fixation	National Science Foundation	100%	\$390,124	6/1/2024	5/31/2027
Julien Panetier	Computational Modeling of Carbon Monoxide Dehydrogenase Model Systems for Carbon Dioxide Fixation	National Science Foundation	100%	\$390,124	6/1/2024	5/31/2027
M Stanley Whittingham	Integration and validation of fast charging lithium battery cells using microstructured electrodes	FuzeHub	100%	\$50,000	10/4/2023	10/3/2024
M Stanley Whittingham	Development of carbon nanofiber as the substrate for Advanced Metal Anodes enabling the next generation of batteries	LiBAMA Limited Liability Corporation	100%	\$75,000	2/1/2024	7/31/2024
M Stanley Whittingham	Feasibility Study for Startup Accelerator Ignition Program	NextCorps	25%	\$647,075	10/1/2023	9/30/2025
Nikolay Dimitrov	Design of Highly Efficient Nanoporous Metal / Alloy Catalysts for Electrochemical Desulfurization	American Chemical Society	100%	\$125,000	9/1/2024	8/31/2026

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Sozanne Solmaz	Structural basis and drug discovery of tau-LRP1 interaction in prion-like spread of tau pathology in Alzheimer's disease	National Institutes of Health	100%	\$554,550	7/1/2024	6/30/2029
Wei Qiang	Resubmission R01: Molecular Structural Basis of Non-specific Neuronal Membrane Disruption Induced by Early-Stage Beta-Amyloid Peptide Aggregation	National Institute of General Medical Sciences	100%	\$1,925,267	1/1/2024	12/31/2028
			Total # Credited	21.20		
			Total \$ Credited	\$11,865,615		

020 Computer Science

Adnan Siraj Rakin	Collaborative Research: CPS: Medium: Autonomy Without Compromise: Full Onboard Autonomy for Small Unmanned Aerial Vehicles	National Science Foundation	25%	\$250,000	3/1/2024	2/28/2027
Adnan Siraj Rakin	Collaborative Research: CSR: Small: Towards Secure Large-scale Deep Learning Applications against Address Bit-Flip Attacks on Modern DRAM	National Science Foundation	100%	\$285,997	10/1/2024	9/30/2027
Ali Ben Ali	Collaborative Research: CPS: Medium: Autonomy Without Compromise: Full Onboard Autonomy for Small Unmanned Aerial Vehicles	National Science Foundation	25%	\$250,000	3/1/2024	2/28/2027
Aravind Prakash	ADVICE: Artificial Intelligence for Discovery of Vulnerabilities in Computing Environments	Defense Advanced Research Projects Agency (DARPA)	100%	\$4,376,382	2/1/2024	1/31/2028
Guanhua Yan	Education DCL: EAGER: Building a Capture-The-Flag Platform for 5G Network Security	National Science Foundation	100%	\$299,999	1/1/2024	12/31/2025
Guanhua Yan	Real-Time Detection of Advanced Malware Attacks with Ensembles of Graph Neural Networks	SUNY Central Administration	60%	\$94,200	9/25/2023	9/24/2024
Jayson Boubin	Collaborative Research: CPS: Medium: Autonomy Without Compromise: Full Onboard Autonomy for Small Unmanned Aerial Vehicles	National Science Foundation	50%	\$500,000	3/1/2024	2/28/2027

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Lijun Yin	NRT-AI: Intelligent Biotechnology and Biomanufacturing (IBB)	National Science Foundation	10%	\$300,000	5/1/2024	4/30/2029
Lijun Yin	Face recognition under occlusion, various poses and illuminations 2.5 Years	Kitware Incorporated	100%	\$674,924	9/1/2023	8/31/2026
Patrick Madden	SHF: Small: Fully Automatic Mixed-Size Placement	National Science Foundation	100%	\$598,223	6/1/2024	5/31/2027
Ping Yang	Real-Time Detection of Advanced Malware Attacks with Ensembles of Graph Neural Networks	SUNY Central Administration	40%	\$62,800	9/25/2023	9/24/2024
Sujoy Sikdar	CAREER: Mechanisms for Robust Multi-Attribute Decision-Making	National Science Foundation	100%	\$520,803	2/1/2024	1/31/2029
Sujoy Sikdar	NSF Convergence Accelerator Track (L): Development of a Wireless Intelligent Sensor Platform for Fingerprinting Air and Breath	National Science Foundation	20%	\$150,000	12/1/2023	11/30/2024
Weiyi Meng	Collaborator - III:Medium:Information Extraction Architecture for Social Media Conversation Streams with Application to Augmentative and Alternative Communication	National Science Foundation	100%	\$374,999	6/1/2024	5/31/2027
Weiyi Meng	Inference Plans for Efficient Hybrid Symbolic Inference for Eric Atkinson	Amazon.com	100%	\$40,000	2/15/2024	8/14/2025
Weiyang Dai	NRT-AI: Intelligent Biotechnology and Biomanufacturing (IBB)	National Science Foundation	10%	\$300,000	5/1/2024	4/30/2029
Yincheng Jin	Leveraging Large Language Models for Emotion Prediction via Multi-channel Inputs	Amazon.com	100%	\$73,602	6/1/2024	5/31/2025
Yincheng Jin	Collaborative Research: SCH: Bridge Communication Gaps: A Wearable IoT-AI Fusion Platform for Real-time, Two-way Communication between DHH and Hearing Individuals	National Science Foundation	100%	\$694,713	6/1/2024	5/31/2028

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Yu David Liu	A Software-Centric Approach to Sustainable Deep Learning	Amazon.com	100%	\$94,560	6/15/2024	6/14/2025
Zeyu Ding	ExpSQL: Expressive Private SQL for real-world database systems	Amazon.com	100%	\$100,000	3/1/2024	2/28/2025
Zhen Xie	Efficient Performance Metric and Prediction Model for Distributed Training of Large-scale Transformers	Amazon.com	100%	\$70,000	4/1/2024	3/31/2025
Zhen Xie	Centimani: Accelerating Deep Learning Training Leveraging Various AI Accelerators via Performance Modeling Techniques	National Science Foundation	100%	\$587,763	5/1/2024	4/30/2027
				Total # Credited	16.40	
				Total \$ Credited	\$10,698,965	

020 Decker/Occupational Therapy

Yoonjeong Lim	Participation of Children with Barth Syndrome in Everyday Activities	Barth Syndrome Foundation	100%	\$49,831	4/1/2024	3/31/2025
				Total # Credited	1.00	
				Total \$ Credited	\$49,831	

020 Decker/Physical Therapy

Vipul Lugade	Creating a Guideline to Understand Service Members' Fitness to Resume Driving in an Automated Driving Environment Following Mild Traumatic Brain Injury	Department of Defense (CDMRP)	100%	\$313,105	10/1/2024	9/30/2027
Vipul Lugade	Identifying Motor and Cognitive Deficits in Response to Takeover Requests During Conditional Driving Automation Among Drivers with Mild Traumatic Brain Injury	National Inst of Neurological Disorders & Stroke	45%	\$183,515	7/1/2024	6/30/2026
				Total # Credited	1.45	
				Total \$ Credited	\$496,620	

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
--------------------	--------------	---------------------	-------------------------	--------------------	-----------------------------	---------------------------

020 Decker/School of Nursing

Sharon Bryant	Decker College of Nursing and Health Sciences MACY Proposal	Josiah Macy Junior Foundation	100%	\$7,497	11/1/2023	10/31/2026
---------------	--	----------------------------------	------	---------	-----------	------------

Total # Credited	1.00
Total \$ Credited	\$7,497

020 Decker/Speech Language Pathology

Rodney Gabel	Clinical Placement Agreement between GiGi's Playhouse and The Research Foundation for SUNY	Gigis Playhouse	100%	\$13,500	9/1/2023	8/31/2024
--------------	--	-----------------	------	----------	----------	-----------

Rodney Gabel	National Stuttering Association Graduate Student Research Award	National Stuttering Association	100%	\$4,996	9/1/2023	8/31/2024
--------------	--	------------------------------------	------	---------	----------	-----------

Rodney Gabel	Clinical Placement Agreement between Newark Valley Central School District and The Research Foundation for SUNY	Newark Valley Central School District	100%	\$57,926	9/1/2023	8/31/2024
--------------	---	--	------	----------	----------	-----------

Rodney Gabel	Addendum: Clinical Placement Agreement between Whitney Point School District and The Research Foundation for SUNY	Whitney Point Central School District	100%	\$113,004	9/1/2023	8/31/2024
--------------	---	--	------	-----------	----------	-----------

Total # Credited	4.00
Total \$ Credited	\$189,426

020 Economics

Neha Khanna	Amazon ARA - Climate Risk Assessment	Amazon.com	20%	\$20,000	5/1/2024	4/30/2025
-------------	--------------------------------------	------------	-----	----------	----------	-----------

Total # Credited	0.20
Total \$ Credited	\$20,000

020 Electrical and Computer Engineering

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
David Klotzkin	Optimization of Laser Structures for Laser and Other Applications	Best Epitaxy Manufacturing Company Limited	100%	\$59,999	8/31/2023	8/30/2024
Jungwook Paek	Investigating the interplay between polymorphic α -syn fibril conformation and cell-dependent pathology	Drexel University	100%	\$223,932	9/1/2024	8/31/2026
Mengen Wang	Modeling alkane cracking kinetics in zeolites via ab initio molecular dynamics and machine learning potential	American Chemical Society	100%	\$109,999	9/1/2024	8/31/2026
Ning Zhou	Online Assessment of Transient Stability and Oscillation Identification with Enhancements for Power Grids with High Penetration of IBRs	Bigwood Systems Incorporated	50%	\$305,836	6/1/2024	5/31/2027
Ning Zhou	Development of High IBR Penetration New York Power System Models for System Operators	New York State Energy Research and Development Authority	50%	\$200,000	6/1/2024	5/31/2026
Seokheun Choi	MRI: Acquisition of a Maskless Lithography Tool for Boosting Research and Education Activities in Greater Binghamton	National Science Foundation	10%	\$53,713	9/1/2024	8/31/2025
Seokheun Choi	3D-Printed Microbial Fuel Cells with Integrated Electronics for Sustainable On-Chip Energy	National Science Foundation	100%	\$550,000	9/1/2024	8/31/2027
Tara Dhakal	Atomic Layer Deposition for Stable and High Capacity Silicon-Sulfur Battery	Advanced Research Projects Agency - Energy	100%	\$1,433,860	6/1/2024	5/31/2026
Tara Dhakal	Electrolyte Additives Development for Zinc Air Batteries	eZinc	100%	\$170,000	6/1/2024	5/31/2026
Tara Dhakal	MRI: Track 1 Acquisition of an Atomic Layer Deposition System for Research and Training at Binghamton University	National Science Foundation	40%	\$445,168	1/1/2025	12/31/2027
Tara Dhakal	Perovskite Solar Powered Hydrogen Generation	New York State Energy Research and Development Authority	120%	\$399,118	6/1/2024	5/31/2026
Tara Dhakal	STTR Phase I: Perovskite photovoltaic cells with ALD buffer layers for enhanced durability	Pinwheel Solar Limited Liability Corporation	50%	\$82,500	1/1/2024	12/31/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Wenfeng Zhao	Machine Learning-Enabled Produce Quality Monitoring Platform for Nondestructive Supply Chain Management	USDA Agricultural Research Service	100%	\$20,000	9/1/2023	8/31/2025
Yu Chen	The Invisible Weapon: A Comprehensive Study of Misinformation in Conflicts Across Nations	National Science Foundation	25%	\$322,991	2/1/2024	1/31/2027
Ziang Zhang	Online Assessment of Transient Stability and Oscillation Identification with Enhancements for Power Grids with High Penetration of IBRs	Bigwood Systems Incorporated	50%	\$305,836	6/1/2024	5/31/2027
Ziang Zhang	Development of High IBR Penetration New York Power System Models for System Operators	New York State Energy Research and Development Authority	50%	\$200,000	6/1/2024	5/31/2026
			Total # Credited	11.45		
			Total \$ Credited	\$4,882,951		

020 Entrepreneurship and Innovation Partnership

Michele Francisco	TAAC FY 2023-2024	Economic Development Administration	100%	\$984,677	5/1/2023	4/30/2024
Olga Petrova	Feasibility Study for Startup Accelerator Ignition Program	NextCorps	25%	\$647,075	10/1/2023	9/30/2025
Olga Petrova	ART: Blueprint for accelerating research translation across geographically distributed campuses	Research Foundation for The State University of New York	50%	\$250,000	1/1/2024	12/31/2027
Per Stromhaug	Pollution Prevention Outreach and Education for Safer Indoor Environments in New York State Environmental Justice Communities	Environmental Protection Agency	100%	\$800,001	11/1/2023	10/31/2026
Per Stromhaug	Feasibility Study for Startup Accelerator Ignition Program	NextCorps	25%	\$647,075	10/1/2023	9/30/2025
Per Stromhaug	ART: Blueprint for accelerating research translation across geographically distributed campuses	Research Foundation for The State University of New York	50%	\$250,000	1/1/2024	12/31/2027

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Per Stromhaug	America Achieves: New Energy New York	America Achieves	50%	\$20,000	8/20/2023	8/19/2024
Stacey Johnson	America Achieves: New Energy New York	America Achieves	50%	\$20,000	8/20/2023	8/19/2024
Stacey Johnson	Jobs for the Future: Green Jobs Challenge	Jobs For The Future Incorporated	100%	\$10,001	6/20/2023	6/19/2024
Stacey Johnson	Jobs for the Future: Green Jobs Challenge	Jobs For The Future Incorporated	100%	\$10,001	6/20/2023	6/19/2024
Stacey Johnson	Jobs For the Future: Green Jobs Challenge Phase 2	Jobs For The Future Incorporated	100%	\$75,000	1/1/2024	12/31/2024
			Total # Credited	7.50		
			Total \$ Credited	\$3,713,831		

020 Geography

Adam Mathews	Synthesis Study of Land Cover, Land Use, and Demographic Change under Multi-Dimensional Developments and Climate Pressures in Southeast Asia	Jet Propulsion Laboratory	100%	\$95,105	7/1/2023	6/30/2026
Adam Mathews	NASA Roses: LCLUC MuSLI - 3D Urban Heat Island Dynamics	NASA Headquarters	100%	\$447,143	11/1/2023	10/31/2026
Adam Mathews	Remote Sensing Mentorship Program: Urban Heat Islands and Environmental Justice	NASA NY Space Grant Consortium	100%	\$29,999	1/22/2024	1/21/2025
Jay Newberry	From Patterns and Changes to Mitigation: Leveraging new horizons in social justice to transform inequality of Urban Park Accessibility	University of Oklahoma	100%	\$25,484	1/1/2024	12/31/2026
			Total # Credited	4.00		
			Total \$ Credited	\$597,731		

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
020 Geological Sci & Environmental Studies						
Adriane Lam	U.S. Science Support Program Office associated with the International Ocean Discovery Program (USSSP-IODP)	Trustees of Columbia University in the City of New York	100%	\$37,358	2/1/2024	1/31/2025
Alex Nikulin	DTI: Engaging High School Students, Teachers, and Community Partners in Geoarchaeological Investigations through Place-Based Educational Experiences using Non-Invasive Technology	National Science Foundation	33%	\$427,723	6/1/2024	5/31/2028
Molly Patterson	Participation of Halima Ibrahim on IODP Expedition 395 Supplement	Trustees of Columbia University	100%	\$19,999	9/22/2023	9/21/2024
Molly Patterson	Rice University NSF funds Transfer for Sensitivity of the West Antarctic Ice Sheet to 2? Celsius (SWAIS 2C)	National Science Foundation	100%	\$193,158	11/1/2023	10/31/2025
				Total # Credited	3.33	
				Total \$ Credited	\$678,238	
020 Library Administration						
Matt Gallagher	Library Collections 2023-2024	NYS Education Department	100%	\$23,090	10/10/2023	10/9/2024
				Total # Credited	1.00	
				Total \$ Credited	\$23,090	
020 Library Services						
Curtis Kendrick	Time for Something Different: The Institute for Racial Equity Advancement in Libraries	Institute of Museum and Library Services	100%	\$92,098	8/1/2024	7/31/2025
Heather Parks	2023-2024 Conservation and Preservation Program Grant	NYS Education Department	100%	\$63,847	9/7/2023	9/6/2024
				Total # Credited	2.00	
				Total \$ Credited	\$155,945	

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Alexander Borisov	Binghamton University's Graduate Conference in Algebra and Topology (BUGCAT) 2019, 2020, 2021 - Supplementary Funding	National Science Foundation	100%	\$5,322	8/11/2023	8/10/2024
David Biddle	Preparing Prospective Secondary Mathematics Educators through a Teacher Education Program Grounded in Community, Equity, and Inclusion	National Science Foundation	15%	\$179,613	7/1/2024	6/30/2029
Emmett Wyman	Sloan Research Fellowship	Alfred P Sloan Foundation	100%	\$75,000	9/15/2024	9/14/2027
Jia Zhao	Physics-Informed Structure-Preserving Numerical Approximations of Thermodynamically Consistent Models for Non-equilibrium Phenomena	National Science Foundation	100%	\$198,325	9/15/2023	8/31/2024
Jia Zhao	General Structure-Preserving Computational Platform for Hydrodynamic Complex Fluid Models	National Science Foundation	100%	\$200,000	9/1/2024	8/31/2027
Jia Zhao	Accelerated Training of Language Models via Photonic Quantum Generative Adversarial Networks Utilizing Phase Gating and Phase Kickback	NeuralMetrics	100%	\$105,000	1/1/2024	12/31/2024
Mei-Hsiu Chen	Identifying Motor and Cognitive Deficits in Response to Takeover Requests During Conditional Driving Automation Among Drivers with Mild Traumatic Brain Injury	National Inst of Neurological Disorders & Stroke	10%	\$40,781	7/1/2024	6/30/2026
Mei-Hsiu Chen	Infective Endocarditis on a Chip	National Science Foundation	25%	\$150,000	9/1/2024	8/31/2027
Minghao Rostami	CAREER: Towards Harnessing the Motility of Microorganisms: Fast Algorithms, Data-Driven Models, and 3D Interactive Visual Computing	National Science Foundation	100%	\$481,292	10/1/2023	9/30/2027
Rakhi Singh	Supersaturated design constructions for screening experiments	American Mathematical Society	100%	\$7,200	7/1/2023	6/30/2025

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
			Total # Credited	7.50		
			Total \$ Credited	\$1,442,533		

020 Mechanical Engineering

Bahgat Sammakia	Expediting adoption of EVs and Solar through Grid Flexibility with the Phase-EQ.	New York State Energy Research and Development Authority	50%	\$37,500	1/1/2024	12/31/2024
Bruce Murray	EAGER: CET: Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	National Science Foundation	33%	\$99,000	1/1/2024	12/31/2024
Bruce Murray	RAISE: CET: Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	National Science Foundation	33%	\$330,000	1/1/2024	12/31/2028
Bruce Murray	Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	US Department of Energy	33%	\$132,000	12/1/2023	5/31/2025
Changhong Ke	EAGER: Collaborative Research: Active Self-Strengthening and Reinforcement of Additively Manufactured Metal Nanocomposites in a Corrosive Environment	National Science Foundation	100%	\$150,000	3/1/2024	2/28/2026
Cosan Daskiran	Machine Learning Accelerated Process Development for Scalable Manufacturing of Silica-based Glass Encapsulated Phase Change Materials Using Flow Mold Casting	US Department of Energy	33%	\$45,122	1/1/2024	12/31/2025
Dehao Liu	Physics-Informed Machine Learning for Tailoring the Multidirectional Mechanical Properties of Composite Materials	National Science Foundation	50%	\$200,088	4/1/2024	3/31/2027
Dehao Liu	Machine Learning Accelerated Process Development for Scalable Manufacturing of Silica-based Glass Encapsulated Phase Change Materials Using Flow Mold Casting	US Department of Energy	33%	\$45,122	1/1/2024	12/31/2025

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Guangwen Zhou	In situ visualization and theoretical modeling of early stages of oxidation of metals and alloys	US Department of Energy	100%	\$450,000	5/15/2024	5/14/2027
James Pitarresi	Collaborative Research: NRT: Training the Next Generation Workforce in Semiconductor and Electronics Manufacturing	National Science Foundation	50%	\$1,300,120	9/1/2024	8/31/2029
Jian Zhou	MRI: Acquisition of a Maskless Lithography Tool for Boosting Research and Education Activities in Greater Binghamton	National Science Foundation	10%	\$53,713	9/1/2024	8/31/2025
Jingzhou Zhao	RAISE: CET: Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	National Science Foundation	34%	\$340,000	1/1/2024	12/31/2028
Jingzhou Zhao	Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	US Department of Energy	34%	\$136,000	12/1/2023	5/31/2025
Jingzhou Zhao	Machine Learning Accelerated Process Development for Scalable Manufacturing of Silica-based Glass Encapsulated Phase Change Materials Using Flow Mold Casting	US Department of Energy	34%	\$46,489	1/1/2024	12/31/2025
Jingzhou Zhao	EAGER: CET: Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	National Science Foundation	34%	\$102,000	1/1/2024	12/31/2024
Junghyun Cho	MRI: Track 1 Acquisition of an Atomic Layer Deposition System for Research and Training at Binghamton University	National Science Foundation	15%	\$166,938	1/1/2025	12/31/2027
Junghyun Cho	Mechanistic Understanding of the Cu/Oxide Hybrid Bonding	SUNY Central Administration	100%	\$100,000	1/1/2024	12/31/2024
Mirjalil Razaviaghjeh	Understanding and Harnessing Multiscale Mechanics of Structure-Property Linkages in Soft Tissues	National Institute of General Medical Sciences	100%	\$1,782,895	7/1/2024	6/30/2029

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Mirjalil Razaviaghjeh	Understanding and Harnessing Multiscale Mechanics of Structure-Property Linkages in Soft Tissues	National Institute of General Medical Sciences	100%	\$1,782,895	7/1/2024	6/30/2029
Mirjalil Razaviaghjeh	Understanding Cortical Folding Development via Biomechanical Simulation	National Institutes of Health	100%	\$2,721,495	4/1/2024	3/31/2029
Mirjalil Razaviaghjeh	Brain Reverse Engineering: A New Paradigm In Uncovering the Folding History of the Brain	National Institutes of Health	100%	\$2,166,900	9/1/2024	8/31/2029
Mirjalil Razaviaghjeh	CAREER: Multiscale Mechanics of Brain Folding in Health and Disorder	National Science Foundation	100%	\$563,113	2/1/2024	1/31/2029
Mirjalil Razaviaghjeh	Physics-Informed Machine Learning for Tailoring the Multidirectional Mechanical Properties of Composite Materials	National Science Foundation	50%	\$200,088	4/1/2024	3/31/2027
Mohammad Younis	Boosting Sensitivity of Micromachined Thermal Conductivity Resonant Gas Sensors Using Mechanics and Dynamics Phenomena	National Science Foundation	100%	\$448,705	2/1/2024	1/31/2027
Mohammad Younis	Collaborative Research: Dynamics of Compound Micro Structures: Fundamental Investigation and Exploration of Potential Applications	National Science Foundation	100%	\$448,705	3/1/2024	2/28/2027
Paul Chiarot	Collaborative Research: NRT: Training the Next Generation Workforce in Semiconductor and Electronics Manufacturing	National Science Foundation	50%	\$1,300,120	9/1/2024	8/31/2029
Paul Chiarot	Artificial Intelligence-guided Electrospray Deposition of Polymeric Films	National Science Foundation	25%	\$171,824	6/1/2024	5/31/2027
Paul Chiarot	Microfluidics-Enabled High-Throughput Injectable Oil Microbeads for Experimental Glaucoma Models	National Institutes of Health	28%	\$113,229	8/1/2024	7/31/2026
Pong-Yu Huang	Infective Endocarditis on a Chip	National Science Foundation	25%	\$150,000	9/1/2024	8/31/2027

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Ronald Miles	Collaborative Research: Creating a Self-Powered Triboelectric MEMS Microphone - Resubmission - 1	National Science Foundation	50%	\$150,614	9/1/2024	8/31/2027
Scott Schiffres	Thermal Interface Studies: Universal Instruments	Universal Instruments Corporation	100%	\$36,925	10/1/2023	9/30/2024
Shahrzad Towfighian	Collaborative Research: Creating a Self-Powered Triboelectric MEMS Microphone - Resubmission - 1	National Science Foundation	50%	\$150,614	9/1/2024	8/31/2027
Timothy Singler	EAGER: CET: Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	National Science Foundation	33%	\$99,000	1/1/2024	12/31/2024
Timothy Singler	RAISE: CET: Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	National Science Foundation	33%	\$330,000	1/1/2024	12/31/2028
Timothy Singler	Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	US Department of Energy	33%	\$132,000	12/1/2023	5/31/2025
Xin Yong	Collaborative Research: Self-Limiting Electrospray Deposition of Nanowire-Particle Composites for Advanced Coatings	National Science Foundation	100%	\$309,176	12/1/2023	11/30/2026
Xin Yong	Artificial Intelligence-guided Electrospray Deposition of Polymeric Films	National Science Foundation	25%	\$171,824	6/1/2024	5/31/2027
Xin Yong	Integrated Utilizing Tomography for Real-Time Monitoring of Algae and Toxic Nanoparticle Interactions	USDA National Institute of Food and Agriculture	100%	\$103,558	6/1/2024	5/31/2026
				Total # Credited	21.78	
				Total \$ Credited	\$17,067,769	

020 Pharmaceutical Sciences

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Bennett Doughty	A Systemic Approach to Predict the Excretion of Antidepressants into Breast Milk	US Food and Drug Administration	10%	\$120,000	10/1/2023	9/30/2027
Kanneboyina Nagaraju	Targeting immune and non-immune mechanisms in a mouse model of myositis	CURE JM Foundation	15%	\$22,500	11/1/2023	10/31/2025
Katie Edwards	Maximizing efficacy and minimizing the risk of TLR-stimulating antibody conjugates	National Cancer Institute	15%	\$284,115	4/1/2024	3/31/2029
Katie Edwards	R21 FLIPOSpot: A quantitative assay platform to quantify cell-mediated and humoral immunity	National Institute of General Medical Sciences	100%	\$429,470	7/1/2024	6/30/2026
Kuo-Ching Mei	Complementary Biotherapeutic Delivery Platforms for Enabling Gene Re-delivery	National Institutes of Health	100%	\$1,928,300	7/1/2024	6/30/2029
Kuo-Ching Mei	Immunoengineering Strategies for Complementary AAV Immunogenicity Control	Searle Foundation	100%	\$300,000	7/1/2024	6/30/2027
Kuo-Ching Mei	Working towards immune mitigation and delivery of gene therapy for DMD	Foundation to Eradicate Duchenne	100%	\$50,000	1/1/2024	12/31/2024
Kuo-Ching Mei	Trailblazer: Engineering Chimeric Antigen Degrading Receptors (CADRs) as Novel Cellular Therapeutics	National Institutes of Health	100%	\$593,230	7/1/2024	6/30/2027
L. Nathan Tumey	Development of dual-payload immune-stimulating ADCs for the treatment of breast cancer	Department of Defense (CDMRP)	100%	\$663,838	3/1/2024	2/28/2027
L. Nathan Tumey	Novel topoisomerase I linker-warhead ADC platform for targeting FGFR4-positive rhabdomyosarcoma	Manhattan BioSolutions Incorporated	100%	\$118,110	4/1/2024	3/31/2025
L. Nathan Tumey	Maximizing efficacy and minimizing the risk of TLR-stimulating antibody conjugates	National Cancer Institute	35%	\$662,935	4/1/2024	3/31/2029
Melissa Morales	Targeting immune and non-immune mechanisms in a mouse model of myositis	CURE JM Foundation	85%	\$127,500	11/1/2023	10/31/2025

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Melissa Morales	Ceramide Pathway Dysregulation in Duchenne Muscular Dystrophy	Foundation to Eradicate Duchenne	100%	\$84,865	1/1/2024	12/31/2024
Mohammad Ali	Profiling Nuclear MMP-2 Functions for the Development of Metastasis-Targeted Therapies in Osteosarcoma	Department of Defense (CDMRP)	60%	\$316,219	6/1/2024	5/31/2027
Tao Zhang	A Systemic Approach to Predict the Excretion of Antidepressants into Breast Milk	US Food and Drug Administration	75%	\$900,000	10/1/2023	9/30/2027
Tao Zhang	Engineered extracellular vesicles as a drug modality for immune checkpoint blockade and cytosolic delivery of granzyme B	National Cancer Institute	10%	\$43,175	8/1/2024	7/31/2026
Tao Zhang	Maximizing efficacy and minimizing the risk of TLR-stimulating antibody conjugates	National Cancer Institute	25%	\$473,525	4/1/2024	3/31/2029
Tao Zhang	A Novel Physiologically Based Pharmacokinetic (PBPK) Modeling Approach to Facilitate Safer Medications During Lactation	National Institutes of Health	100%	\$445,591	9/1/2024	8/31/2026
Tony Davis	Resubmission: Neuroimmune mechanisms of adult chronic ethanol consumption	National Institute for Alcohol Abuse & Alcoholism	10%	\$42,947	4/1/2024	3/31/2026
Tony Davis	R21 Chemical Technologies for Targeted Protein Degradation in M. tuberculosis	National Institutes of Health	100%	\$429,470	7/1/2024	6/30/2026
Tracy Brooks	Development of dual-payload immune-stimulating ADCs for the treatment of breast cancer	Department of Defense (CDMRP)	100%	\$493,142	3/1/2024	2/28/2027
Tracy Brooks	Maximizing efficacy and minimizing the risk of TLR-stimulating antibody conjugates	National Cancer Institute	25%	\$473,525	4/1/2024	3/31/2029
YanYan Li	PARTNERSHIP: Developing a dietary approach in the management of inflammatory bowel disease	University of Michigan	100%	\$45,138	1/1/2024	12/31/2024
Yetrib Hathout	Profiling Nuclear MMP-2 Functions for the Development of Metastasis-Targeted Therapies in Osteosarcoma	Department of Defense (CDMRP)	40%	\$210,812	6/1/2024	5/31/2027

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Yatrib Hathout	Resubmission: Characterization of a two-component regulatory system in <i>Streptococcus agalactiae</i>	National Institute of Allergy & Infectious Disease	5%	\$90,344	4/1/2024	3/31/2029
			Total # Credited	16.10		
			Total \$ Credited	\$9,348,751		

020 Pharmacy Practice

Sarah Spinler	Physician Perceptions of the Value of a Board of Pharmacy Specialties Certified Pharmacist and Certification/Recertification Processes	Board of Pharmacy Specialties	10%	\$500	11/1/2023	10/31/2025
Wesley Kufel	Physician Perceptions of the Value of a Board of Pharmacy Specialties Certified Pharmacist and Certification/Recertification Processes	Board of Pharmacy Specialties	90%	\$4,500	11/1/2023	10/31/2025
			Total # Credited	1.00		
			Total \$ Credited	\$5,000		

020 Physics Applied Physics & Astronomy

Ana Laura Elias	CAREER: Moiré Heterobilayers Prepared in a Single Chemical Vapor Deposition Reaction	National Science Foundation	100%	\$682,054	2/1/2024	1/31/2029
Ana Laura Elias	REU Site: Renewable Energy Generation and Storage	National Science Foundation	40%	\$170,479	4/1/2024	3/31/2027
Ana Laura Elias	MRI: Track 1 Acquisition of an Atomic Layer Deposition System for Research and Training at Binghamton University	National Science Foundation	15%	\$166,938	1/1/2025	12/31/2027
Ana Laura Elias	Temperature-Dependent Raman Scattering Study of Defects in Two-Dimensional Semiconducting Materials	Research Corporation for Science Advancement	100%	\$120,000	3/1/2024	2/28/2027
Bonggu Shim	Study of Wavelength Dependence of Plasma Collision Dynamics and Ionization Mechanism in Laser Solid Matter Interactions	National Science Foundation	100%	\$399,924	7/1/2024	6/30/2027

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Jeffrey Mativetsky	Microstructure and Reliability of Microelectronic Interconnects	Universal Instruments Corporation	100%	\$44,999	8/14/2023	8/13/2024
Jeffrey Mativetsky	REU Site: Renewable Energy Generation and Storage	National Science Foundation	60%	\$255,718	4/1/2024	3/31/2027
Manuel Smeu	A Computational Ride-along with the Polysulfide Shuttle in Calcium-Sulfur Batteries	National Science Foundation	100%	\$312,553	1/1/2024	12/31/2026
Manuel Smeu	Unveiling Hybrid Solid Electrolyte Interphase (SEI) Properties from Dual Salt Electrolyte Systems for Calcium Metal Batteries	National Science Foundation	100%	\$268,817	8/16/2024	8/15/2027
Pegor Aynajian	Visualizing the bulkboundary correspondence in antiferromagnetic topological matter	National Science Foundation	100%	\$534,746	6/1/2024	5/31/2027
Zhong Lin	Engineering magnetism in monolayer semiconductors for combined logic and memory applications	University of Kansas	100%	\$101,448	1/1/2024	12/31/2024
			Total # Credited	9.15		
			Total \$ Credited	\$3,057,676		

020 Political Science

Ekrem Karakoc	The Invisible Weapon: A Comprehensive Study of Misinformation in Conflicts Across Nations	National Science Foundation	25%	\$322,991	2/1/2024	1/31/2027
Kanisha Bond	Examining the contours of state violence in democracies	National Science Foundation	100%	\$853,252	5/1/2024	4/30/2027
seden akcinaroglu	The Invisible Weapon: A Comprehensive Study of Misinformation in Conflicts Across Nations	National Science Foundation	25%	\$322,991	2/1/2024	1/31/2027
			Total # Credited	1.50		
			Total \$ Credited	\$1,499,234		

020 Psychology

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Anny Gano	Administrative Supplement for NIH Grant R01AA030469: CNS-mediated fever after Adolescent Intermittent Ethanol	National Institute for Alcohol Abuse & Alcoholism	25%	\$89,860	1/1/2024	12/31/2024
Anny Gano	Administrative Supplement for NIH Grant R01AA030469: CNS-mediated fever after Adolescent Intermittent Ethanol	National Institute for Alcohol Abuse & Alcoholism	25%	\$89,860	1/1/2024	12/31/2024
Anushree Karkhanis	Resubmission: Developmental Stress Effects on Pallidal Dopamine and Oxycodone Self-administration	National Institute on Drug Abuse	100%	\$423,770	7/1/2024	6/30/2026
Brandon Gibb	Fellowship support for Elana Israel: Neural Indices of Social and Monetary Reward Processing as Predictors of Real-World Pleasure and Affect in Adolescents at Risk for Depression	National Institute of Mental Health	100%	\$67,388	4/1/2024	3/31/2026
Brandon Gibb	Resubmission: Development of Attentional Biases for Affective Cues in Infants of Mothers with Depression	National Institute of Mental Health	90%	\$3,142,397	7/1/2024	6/30/2029
Brandon Gibb	Reward Processing and Real-World Affect Reactivity Among Adolescents at Risk for Major Depressive Disorder	American Psychological Foundation	100%	\$25,000	8/1/2023	7/31/2024
Christina Balderrama-Durbin	Determining the Unique Impact of Gender-Based Violence on Irregular Migration for Guatemalan Youth and Emerging Adults	International Organization for Migration	100%	\$180,133	9/1/2023	8/31/2024
Christopher Bishop	Maladaptive 5-HT Raphe-corticolimbic Plasticity Underlying the Development of Non-motor Symptoms in Parkinson's Disease	Department of Defense (CDMRP)	100%	\$673,448	4/1/2024	3/31/2028
Elena Varlinskaia	Administrative Supplement for NIH Grant R01AA030469: CNS-mediated fever after Adolescent Intermittent Ethanol	National Institute for Alcohol Abuse & Alcoholism	25%	\$89,860	1/1/2024	12/31/2024
Elena Varlinskaia	Administrative Supplement for NIH Grant R01AA030469: CNS-mediated fever after Adolescent Intermittent Ethanol	National Institute for Alcohol Abuse & Alcoholism	25%	\$89,860	1/1/2024	12/31/2024
Emily Zale	The gut microbiota as a link between alcohol and pain sensitivity	National Institute for Alcohol Abuse & Alcoholism	50%	\$953,529	7/1/2024	6/30/2029

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Florence Varodayan	Resubmission: Neuroimmune mechanisms of adult chronic ethanol consumption	National Institute for Alcohol Abuse & Alcoholism	90%	\$386,523	4/1/2024	3/31/2026
Florence Varodayan	Alcohol, astrocytes and cortical dysfunction	National Institute for Alcohol Abuse & Alcoholism	100%	\$2,169,855	7/1/2024	6/30/2029
Jennifer Gillis Mattson	BRCASD 2023-2024	University at Albany	100%	\$110,000	7/1/2023	6/30/2024
Jennifer Gillis Mattson	ASF Predoctoral Student Fellowship for: Diego Aragon-Guevara	Autism Science Foundation	100%	\$35,000	7/1/2024	6/30/2025
Kenneth Kurtz	Collaborative Research: Improving STEM-Based Learning through the Use of Category Learning	National Science Foundation	100%	\$253,618	1/1/2024	12/31/2026
Lisa Savage	Bridges to the Baccalaureate Research Training Program	National Institute of General Medical Sciences	60%	\$1,387,102	9/1/2024	8/31/2029
Matthew Johnson	Development of a Spanish-Language IPV Assessment Instrument	US Department of Justice	100%	\$450,000	11/1/2023	10/31/2026
Patricia Di Lorenzo	Bridges to the Baccalaureate Research Training Program	National Institute of General Medical Sciences	40%	\$924,734	9/1/2024	8/31/2029
Peter Gerhardstein	Resubmission: Development of Attentional Biases for Affective Cues in Infants of Mothers with Depression	National Institute of Mental Health	10%	\$349,155	7/1/2024	6/30/2029
Stephen Day	Understanding the short- and long-term consequences of binge-like ethanol on neurodegeneration and amyloid	National Institute for Alcohol Abuse & Alcoholism	100%	\$157,000	7/1/2024	6/30/2026
Sung-Joo Lim	CAREER: Enhancing implicit sound category learning: the role of the cortico-striatal system	National Science Foundation	100%	\$602,230	6/1/2024	5/31/2029
Terrence Deak	Materials Testing Agreement: Butler Hospital: Mechanisms of Accelerated Aging: Stress, Health Behaviors, and the Role of Mitochondria	Butler Hospital	100%	\$16,875	7/1/2023	6/30/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Terrence Deak	Butler Hospital: Risk Profiles and Mechanisms of Disease in Maltreated Children	Butler Hospital	100%	\$31,036	8/1/2023	7/31/2024
Terrence Deak	Administrative Supplement for NIH Grant R01AA030469: CNS-mediated fever after Adolescent Intermittent Ethanol	National Institute for Alcohol Abuse & Alcoholism	50%	\$179,720	1/1/2024	12/31/2024
Terrence Deak	Administrative Supplement for NIH Grant R01AA030469: CNS-mediated fever after Adolescent Intermittent Ethanol	National Institute for Alcohol Abuse & Alcoholism	50%	\$179,720	1/1/2024	12/31/2024
Terrence Deak	Multi-level Analysis to Identify Potential Neurobiological Mechanisms Underlying Increased Ataxia to Acute Alcohol Administration in Aged Female and Male Rats	University of Wisconsin Eau Claire	100%	\$19,418	7/1/2024	6/30/2027
Thomas Harding	Clinical Placement Agreement with ARK Psychology, PLLC	ARK Psychology LLC	100%	\$21,400	8/22/2023	8/21/2024
Thomas Harding	Clinical Placement Agreement with United Health Systems Hospitals, Inc.	United Health Services Hospitals Incorporated	100%	\$23,000	8/22/2023	8/21/2024
				Total # Credited	22.40	
				Total \$ Credited	\$13,121,491	

020 Public Archaeology Facility

Laurie Miroff	Phase 1A Assessment - AMD 3: Phase 1A archaeological assessment, work plan, and addendum archaeological survey, National Grid Micron	GZA GeoEnvironmental Incorporated	100%	\$26,225	11/7/2023	11/6/2024
Laurie Miroff	Colton Malone 115k Rebuild Project AMD 6: Additional Scope for Middle Road Substation expansion	GZA GeoEnvironmental Incorporated	100%	\$8,729	11/7/2023	11/6/2024
Laurie Miroff	Phase 1 Archaeological Survey, Independence Manor Solar Project, Town of Flemington, Hunterdon County, New Jersey	LaBella Associates	100%	\$5,180	7/7/2023	7/6/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Laurie Miroff	Archaeological Monitoring of Winter Shutdown, Outfall 3, Ogdensburg Airport Project, Town of Oswegatchie, St. Lawrence County, New York	McFarland and Johnson Engineers Incorporated	100%	\$1,778	10/2/2023	10/1/2024
Laurie Miroff	DTI: Engaging High School Students, Teachers, and Community Partners in Geoarchaeological Investigations through Place-Based Educational Experiences using Non-Invasive Technology	National Science Foundation	33%	\$427,851	6/1/2024	5/31/2028
Laurie Miroff	Phase 1A Archaeological Assessment, SUNY Fredonia Project, Village of Fredonia, Chautauqua County, New York	phZ Architects Professional Limited Liability Company	100%	\$4,386	8/7/2023	8/6/2024
Laurie Miroff	Phase 1A Archaeological Assessment and a Phase 1B Archaeological Survey, Town of Clay, Onondaga County, New York AMD 1: Phase 1B Archaeological Survey	GZA GeoEnvironmental Incorporated	100%	\$71,609	10/23/2023	10/22/2024
Laurie Miroff	Phase 1A/1B Archaeological Survey, Willet Gravel Mine Project, Town of Willet, Cortland County, New York	Willet Hop and Grain	100%	\$9,489	10/13/2023	10/12/2024
Laurie Miroff	Phase 1B Archaeological Survey, SUNY Fredonia Project, Village of Fredonia, Chautauqua County, New York	phZ Architects Professional Limited Liability Company	100%	\$10,472	11/20/2023	11/19/2024
Laurie Miroff	National Grid Micron 345 kV Electric Service Project, Phase 1A Archaeological Assessment, Town of Clay, Onondaga County, New York AMD 4	GZA GeoEnvironmental Incorporated	100%	\$62,708	12/8/2023	12/7/2024
Laurie Miroff	Cultural Resource Screening, Arietta-Spy Lake Tower Project, Town of Piseco and Town of Hope Tower Project in the Town of Hope, Hamilton County, New York	phZ Architects Professional Limited Liability Company	100%	\$6,353	11/21/2023	11/20/2024
Laurie Miroff	AMD 1 Phase 1B Archaeological Survey, Harnick Road over Apalachin Creek Project	Delta Engineers	100%	\$3,764	5/23/2023	5/22/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Laurie Miroff	Phase 1 Archaeological Survey, Glenn Forward Project, Town of Hamilton, New York	Strategic Mining Solutions Limited Liability Corporation	100%	\$6,498	6/29/2023	6/28/2024
Laurie Miroff	National Grid PL 12 Glens Falls Repair Project, City of Glens Falls and Town of Moreau, New York AMD 1: Archaeological Monitoring Plan	GZA GeoEnvironmental Incorporated	100%	\$3,307	10/18/2023	10/17/2024
Laurie Miroff	Cultural Resource Screening, Tonche Site Tower Project, Town of Shokan, Ulster County, New York	C&S Companies	100%	\$3,141	11/14/2023	11/13/2024
Laurie Miroff	Phase 1A/1B Archaeological Survey, Ross Park Recreational Trails Improvements Project	Fisher Associates PE LS PC	100%	\$2,430	9/28/2023	9/27/2024
Laurie Miroff	AMD 1 - Phase 1B Archaeological Survey of the Colton Malone 115k Rebuild Project	GZA GeoEnvironmental Incorporated	100%	\$170,724	7/24/2023	10/23/2024
Laurie Miroff	National Grid Micron 345 kV Electric Service Project, Phase 1A Archaeological Assessment, Town of Clay, Onondaga County, New York AMD 1	GZA GeoEnvironmental Incorporated	100%	\$5,687	9/15/2023	9/14/2024
Laurie Miroff	Colton Malone 115k Rebuild Project AMD 2: Phase 1B Archaeological Survey	GZA GeoEnvironmental Incorporated	100%	\$67,422	9/15/2023	9/14/2024
Laurie Miroff	Colton Malone 115k Rebuild Project AMD 3: Phase 1B Archaeological Survey	GZA GeoEnvironmental Incorporated	100%	\$99,815	9/15/2023	9/14/2024
Laurie Miroff	Colton Malone 115k Rebuild Project AMD 4: Phase 1B Archaeological Survey	GZA GeoEnvironmental Incorporated	100%	\$99,807	9/15/2023	9/14/2024
Laurie Miroff	Colton Malone 115k Rebuild Project AMD 5: Phase 1 Architectural Survey	GZA GeoEnvironmental Incorporated	100%	\$59,831	9/15/2023	9/14/2024
Laurie Miroff	Mapping Proposal Woodstock Bindy Bazaar Project, Bethel, Sullivan County, NY	Bethel Woods Center for the Arts	100%	\$1,300	6/22/2023	6/21/2024
				Total # Credited	22.33	
				Total \$ Credited	\$1,158,506	

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
--------------------	--------------	---------------------	-------------------------	--------------------	-----------------------------	---------------------------

020 Research VP

Jennifer Sammakia	Resubmission: Characterization of a two-component regulatory system in <i>Streptococcus agalactiae</i>	National Institute of Allergy & Infectious Disease	5%	\$90,344	4/1/2024	3/31/2029
Srikanth Rangarajan	Expediting adoption of EVs and Solar through Grid Flexibility with the Phase-EQ.	New York State Energy Research and Development Authority	50%	\$37,500	1/1/2024	12/31/2024
			Total # Credited	0.55		
			Total \$ Credited	\$127,844		

020 Romance Languages

Yulia Bosworth	The quality of French in the Linguistic Landscape of Quebec Universities	Ministry of International Relations and La Francophonie	100%	\$3,629	4/1/2024	3/31/2025
			Total # Credited	1.00		
			Total \$ Credited	\$3,629		

020 School Of Management Acad

Chou-Yu Tsai	Model Development and Data Analysis for Business Idea Generation Process on Entrepreneurship Education 2024	Waseda University	100%	\$15,000	10/15/2023	10/14/2024
Erika Hernandez Acton	Parental emotion coaching and elaboration in early adolescence: Protective roles for behavior problems	University of Houston	100%	\$489,686	12/15/2024	12/14/2029
Jinglu Jiang	Buy Now, Pay Later: Delving into the 'Pain of Paying', Longitudinal Impacts, and the Hidden Perils for Consumers	National Science Foundation	50%	\$254,535	1/1/2024	12/31/2026
Jinglu Jiang	Collaborative Research: SaTC: Core: Small: Empowering Users Information Validation: Combat Misinformation with Attentional-Control-Based Nudging in Fact-Checkers	National Science Foundation	100%	\$357,175	1/1/2024	12/31/2026

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Thi Tran	The Invisible Weapon: A Comprehensive Study of Misinformation in Conflicts Across Nations	National Science Foundation	25%	\$322,991	2/1/2024	1/31/2027
Yang Guo	Buy Now, Pay Later: Delving into the 'Pain of Paying', Longitudinal Impacts, and the Hidden Perils for Consumers	National Science Foundation	50%	\$254,535	1/1/2024	12/31/2026
				Total # Credited	4.25	
				Total \$ Credited	\$1,693,922	

020 School Of Management Admin

Shelley Dionne	Early Intervention to Promote Cardiovascular Health of Mothers and Children in Northern Appalachia(Erika Hernandez)	Pennsylvania State University	100%	\$124,629	8/11/2023	8/10/2029
				Total # Credited	1.00	
				Total \$ Credited	\$124,629	

020 Systems Science and Indust Eng (SSIE)

Changqing Cheng	Research Initiation: Community-engaged Learning and Career On-ramp Building for Next-generation Quality Engineers	National Science Foundation	90%	\$180,000	8/1/2024	7/31/2026
Changqing Cheng	Small Data and Generative Learning in Early Detection of Atrial Fibrillation	Sony Corporation	100%	\$100,000	6/1/2024	5/31/2025
Chao Shi	Creating a Guideline to Understand Service Members' Fitness to Resume Driving in an Automated Driving Environment Following Mild Traumatic Brain Injury	Department of Defense (CDMRP)	100%	\$430,854	10/1/2024	9/30/2027
Chao Shi	Identifying Motor and Cognitive Deficits in Response to Takeover Requests During Conditional Driving Automation Among Drivers with Mild Traumatic Brain Injury	National Inst of Neurological Disorders & Stroke	45%	\$183,515	7/1/2024	6/30/2026
Christopher Greene	Advanced Assembly Process Improvement for Complex Surface Mount Device	Smart Modular Technologies Inc	50%	\$13,161	9/25/2023	9/24/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Christopher Greene	R&D Support for Advanced Complex Surface Mount Devices	Smart Modular Technologies Inc	50%	\$13,161	9/25/2023	9/24/2024
Daehan Won	Artificial Intelligence-guided Electrospray Deposition of Polymeric Films	National Science Foundation	25%	\$171,824	6/1/2024	5/31/2027
Daehan Won	Development of non-invasive wearable sensor system for monitoring physical and heat exposures among agricultural workers	Oregon State University	50%	\$449,505	7/1/2024	6/30/2028
Daehan Won	Operational Assessment and Improvement at the Schwarzman Animal Medical Center	Schwarzman Animal Medical Center	25%	\$16,850	6/12/2023	6/11/2024
Daehan Won	Operational Excellence R&D at the Schwarzman Animal Medical Center	Schwarzman Animal Medical Center	25%	\$16,850	10/3/2023	10/2/2024
Daehan Won	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing (AMD 1)	Zebra Technologies Enterprise Corporation	20%	\$14,446	8/28/2023	8/27/2024
Daehan Won	Advanced Data Analytics and Performance Improvement Support for Holy Name Medical Center AMD 1	Holy Name Medical Center	33%	\$44,263	1/23/2024	1/22/2025
Daehan Won	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes AMD 2	Best Buy Purchasing LLC	33%	\$23,151	8/25/2023	8/24/2024
Daryl Santos	Applied Research in Assembly, Reliability, and Costing for a Global Manufacturer of Electronic Equipment (AMD 3)	Foxconn Industrial Internet dba FII USA Incorporated	33%	\$42,309	8/28/2023	8/27/2024
Daryl Santos	Process Development and Improvement for New Product Introductions in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	33%	\$22,857	8/1/2023	7/31/2024
Daryl Santos	Applied Research in Project Management and Reliability Engineering for Computer Servers in the Hyper-Scale Cloud Service Provider Domain AMD 3	PCE Paragon Solutions USA Incorporated	33%	\$22,561	8/21/2023	8/20/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Daryl Santos	Process Engineering and NPI Support in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	33%	\$22,857	9/8/2023	9/7/2024
Fuda Ning	CAREER: Fundamental Understanding of Laser-Matter Interactions in Additive Manufacturing with Simultaneous Wire-Powder Deposition	National Science Foundation	100%	\$599,723	3/1/2024	2/28/2029
Fuda Ning	Research in Manufacturing Engineering at a New Electronics Product Introduction Company	Sanmina Corporation	50%	\$33,613	8/29/2023	8/28/2024
Fuda Ning	Process Improvement in Electronics Manufacturing at a New Product Introduction Company	Sanmina Corporation	50%	\$33,613	11/22/2023	11/21/2024
Fuda Ning	Research in Electronics Manufacturing and Packaging with Aid of Automation Technology	Sanmina Corporation	50%	\$33,613	11/1/2023	10/31/2024
Fuda Ning	Research in Automation Software Applied for Electronics Manufacturing and Packaging	Sanmina Corporation	50%	\$33,613	11/30/2023	11/29/2024
Fuda Ning	Research in Quality Control and Inspection in an Electronics Packaging Company	Sanmina Corporation	50%	\$33,613	11/28/2023	11/27/2024
Jia Deng	Supplemental Funding: Multiple-Energy-Assisted Ultrasharp Probe-Based Nanomanufacturing for High-Resolution and High-Efficiency Nanopatterning	National Science Foundation	100%	\$114,998	11/30/2023	11/29/2024
Jia Deng	CAREER: Probe-Based Hybrid Nanopatterning of Conductive Polymers	National Science Foundation	100%	\$568,073	7/13/2023	7/12/2028
Jia Deng	Smart Periodontal Probe System	National Institute of Dental & Craniofacial Res	15%	\$64,254	7/1/2024	6/30/2026
Krishnaswami Srihari	Advanced Assembly Process Improvement for Complex Surface Mount Device	Smart Modular Technologies Inc	50%	\$13,161	9/25/2023	9/24/2024
Krishnaswami Srihari	Research in Manufacturing Engineering at a New Electronics Product Introduction Company	Sanmina Corporation	50%	\$33,613	8/29/2023	8/28/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Krishnaswami Srihari	Research in Automation Software Applied for Electronics Manufacturing and Packaging	Sanmina Corporation	50%	\$33,613	11/30/2023	11/29/2024
Krishnaswami Srihari	Research in Electronics Manufacturing and Packaging with Aid of Automation Technology	Sanmina Corporation	50%	\$33,613	11/1/2023	10/31/2024
Krishnaswami Srihari	Advanced Data Analytics and Performance Improvement Support for Holy Name Medical Center AMD 1	Holy Name Medical Center	33%	\$44,263	1/23/2024	1/22/2025
Krishnaswami Srihari	Predictive Modeling, Database Development, and AI Support for Business Performance Improvement	Oak Orchard Community Health Center Incorporated	33%	\$22,442	12/1/2023	11/30/2024
Krishnaswami Srihari	Process Improvement in Electronics Manufacturing at a New Product Introduction Company	Sanmina Corporation	50%	\$33,613	11/22/2023	11/21/2024
Krishnaswami Srihari	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing (AMD 1)	Zebra Technologies Enterprise Corporation	20%	\$14,446	8/28/2023	8/27/2024
Krishnaswami Srihari	R&D Support for Advanced Complex Surface Mount Devices	Smart Modular Technologies Inc	50%	\$13,161	9/25/2023	9/24/2024
Krishnaswami Srihari	Operational Excellence R&D at the Schwarzman Animal Medical Center	Schwarzman Animal Medical Center	25%	\$16,850	10/3/2023	10/2/2024
Krishnaswami Srihari	Operational Assessment and Improvement at the Schwarzman Animal Medical Center	Schwarzman Animal Medical Center	25%	\$16,850	6/12/2023	6/11/2024
Krishnaswami Srihari	Research in Quality Control and Inspection in an Electronics Packaging Company	Sanmina Corporation	50%	\$33,613	11/28/2023	11/27/2024
Krishnaswami Srihari	Pharmacy System Design Validation and Principle Development Through Data Analytics and Simulation Modeling	Innovation Associates Doing Business As iA	34%	\$67,624	5/15/2023	12/31/2023
Krishnaswami Srihari	Continuous Performance Improvement and System Modeling Support for TidalHealth AMD 3	TidalHealth	50%	\$67,878	8/21/2023	8/20/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Krishnaswami Srihari	Paratemporal Simulation with Uncertainty Quantification, Phase II	RTSync Corporation	33%	\$137,838	11/1/2023	10/31/2025
Krishnaswami Srihari	Healthcare Data Analytics to Improve Population Health and Operations Management Strategies	Finger Lakes IPA Incorporated	33%	\$20,825	9/4/2023	9/3/2024
Krishnaswami Srihari	Process Engineering and NPI Support in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	34%	\$23,550	9/8/2023	9/7/2024
Krishnaswami Srihari	Applied Research in Assembly, Reliability, and Costing for a Global Manufacturer of Electronic Equipment (AMD 3)	Foxconn Industrial Internet dba FII USA Incorporated	34%	\$43,591	8/28/2023	8/27/2024
Krishnaswami Srihari	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement (AMD 1)	Kennedy Valve Company	25%	\$57,180	9/25/2023	9/24/2024
Krishnaswami Srihari	Improving Quality, Safety, and Patient Flow and Outpatient Medication Management (AMD 7)	Memorial Sloan Kettering Cancer Center	50%	\$67,800	8/21/2023	8/20/2024
Krishnaswami Srihari	Business Process Engineering Support for Network Management Systems CMO (AMD 25)	Montefiore Hospital and Medical Center	33%	\$21,679	8/21/2023	8/20/2024
Krishnaswami Srihari	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes AMD 2	Best Buy Purchasing LLC	34%	\$23,853	8/25/2023	8/24/2024
Krishnaswami Srihari	Applied Research in Project Management and Reliability Engineering for Computer Servers in the Hyper-Scale Cloud Service Provider Domain AMD 3	PCE Paragon Solutions USA Incorporated	34%	\$23,245	8/21/2023	8/20/2024
Krishnaswami Srihari	Applied Research Supporting Raymond Logistics in Inventory Optimization and Process Automation	Raymond Corporation	25%	\$14,935	8/21/2023	8/20/2024
Krishnaswami Srihari	Raymond Warehouse Returnable Packaging Database Development and Dock Efficiency Improvement	Raymond Corporation	34%	\$20,312	9/25/2023	9/24/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Krishnaswami Srihari	Process Development and Improvement for New Product Introductions in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	34%	\$23,550	8/1/2023	7/31/2024
Mark Poliks	Advanced Packaging of 5G / 6G Beamforming Integrated Circuit (BFIC) with Next Generation Anisotropic Conductive Materials with improved Thermal Conductivity, Lower Profile & Lighter Weight	SunRay Scientific LLC	100%	\$540,000	6/1/2024	5/31/2026
Mark Poliks	NSF Convergence Accelerator Track (L): Development of a Wireless Intelligent Sensor Platform for Fingerprinting Air and Breath	National Science Foundation	10%	\$75,000	12/1/2023	11/30/2024
Mark Poliks	RF Passive Sensors for High-Temperature Applications in Hypersonics	SEMI	100%	\$700,001	1/1/2024	12/31/2024
Mark Poliks	3D Printed Electronics with MJF and AI Powered Digital Twin for 3D Additive FHE Devices Enabling Complex 3D Form Factors	SEMI	100%	\$1,000,002	1/1/2024	12/31/2024
Mark Poliks	Multiplexed Wireless Interstitial Fluid Monitoring Devices for Stress Assessment	SEMI	100%	\$949,999	1/1/2024	12/31/2024
Mark Poliks	CogniWorm: Compliant and autOnomous Grub for Navigation and Inspection of Warped, cOmplex and Rough EnvironMents	SEMI	100%	\$899,999	1/1/2024	12/31/2024
Mark Poliks	Direct Write Power Module - Manufacturing, Reliability, & Form Factor Advancements	SEMI	100%	\$750,000	1/1/2024	12/31/2024
Mark Poliks	FlexiEMG: Flexible Wrist- Wearable Electromyography Bio-Sensor	Pison Technology Incorporated	100%	\$249,999	1/1/2024	12/31/2024
Mark Poliks	Feasibility Study for Startup Accelerator Ignition Program	NextCorps	25%	\$647,075	10/1/2023	9/30/2025
Mark Poliks	Mid-scale RI-2: Microsystems Foundry for Unlocking Scientific	Georgia Institute of Technology	100%	\$350,000	4/1/2025	3/31/2028

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Mark Poliks	STTR Phase I: Perovskite photovoltaic cells with ALD buffer layers for enhanced durability	Pinwheel Solar Limited Liability Corporation	30%	\$49,500	1/1/2024	12/31/2024
Mohammad Khasawneh	Applied Research Supporting Raymond Logistics in Inventory Optimization and Process Automation	Raymond Corporation	25%	\$14,935	8/21/2023	8/20/2024
Mohammad Khasawneh	Advanced Data Analytics and Performance Improvement Support for Holy Name Medical Center AMD 1	Holy Name Medical Center	34%	\$45,604	1/23/2024	1/22/2025
Mohammad Khasawneh	Predictive Modeling, Database Development, and AI Support for Business Performance Improvement	Oak Orchard Community Health Center Incorporated	34%	\$23,122	12/1/2023	11/30/2024
Mohammad Khasawneh	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing (AMD 1)	Zebra Technologies Enterprise Corporation	20%	\$14,446	8/28/2023	8/27/2024
Mohammad Khasawneh	Continuous Performance Improvement and System Modeling Support for TidalHealth AMD 3	TidalHealth	50%	\$67,878	8/21/2023	8/20/2024
Mohammad Khasawneh	Operational Excellence R&D at the Schwarzman Animal Medical Center	Schwarzman Animal Medical Center	25%	\$16,850	10/3/2023	10/2/2024
Mohammad Khasawneh	Operational Assessment and Improvement at the Schwarzman Animal Medical Center	Schwarzman Animal Medical Center	25%	\$16,850	6/12/2023	6/11/2024
Mohammad Khasawneh	Applied Research in Project Management and Reliability Engineering for Computer Servers in the Hyper-Scale Cloud Service Provider Domain AMD 3	PCE Paragon Solutions USA Incorporated	33%	\$22,561	8/21/2023	8/20/2024
Mohammad Khasawneh	Healthcare Data Analytics to Improve Population Health and Operations Management Strategies	Finger Lakes IPA Incorporated	34%	\$21,456	9/4/2023	9/3/2024
Mohammad Khasawneh	Paratemporal Simulation with Uncertainty Quantification, Phase II	RTSync Corporation	33%	\$137,838	11/1/2023	10/31/2025

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Mohammad Khasawneh	Supporting Supply Chain Strategy Decision Science to Drive Transformational Changes AMD 2	Best Buy Purchasing LLC	33%	\$23,151	8/25/2023	8/24/2024
Mohammad Khasawneh	Process Engineering and NPI Support in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	33%	\$22,857	9/8/2023	9/7/2024
Mohammad Khasawneh	Process Development and Improvement for New Product Introductions in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	33%	\$22,857	8/1/2023	7/31/2024
Mohammad Khasawneh	Applied Research in Assembly, Reliability, and Costing for a Global Manufacturer of Electronic Equipment (AMD 3)	Foxconn Industrial Internet dba FII USA Incorporated	33%	\$42,309	8/28/2023	8/27/2024
Mohammad Khasawneh	Improving Quality, Safety, and Patient Flow and Outpatient Medication Management (AMD 7)	Memorial Sloan Kettering Cancer Center	50%	\$67,800	8/21/2023	8/20/2024
Mohammad Khasawneh	Business Process Engineering Support for Network Management Systems CMO (AMD 25)	Montefiore Hospital and Medical Center	34%	\$22,336	8/21/2023	8/20/2024
Mohammad Khasawneh	Research Initiation: Community-engaged Learning and Career On-ramp Building for Next-generation Quality Engineers	National Science Foundation	10%	\$20,000	8/1/2024	7/31/2026
Neha Patankar	Techno-economic Sensitivity of Long-distance HVDC Transmission Lines	Environmental Defense Fund	100%	\$56,052	12/1/2023	11/30/2024
Neha Patankar	DMUU implementation on the GridPath (Sub-in)	First Principles Advisory Limited Liability Company	100%	\$74,999	7/1/2024	6/30/2025
Neha Patankar	Amazon ARA - Climate Risk Assessment	Amazon.com	80%	\$80,000	5/1/2024	4/30/2025
Sangwon Yoon	Pharmacy System Design Validation and Principle Development Through Data Analytics and Simulation Modeling	Innovation Associates Doing Business As iA	33%	\$65,635	5/15/2023	12/31/2023
Sangwon Yoon	Operational Assessment and Improvement at the Schwarzman Animal Medical Center	Schwarzman Animal Medical Center	25%	\$16,850	6/12/2023	6/11/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Sangwon Yoon	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing (AMD 1)	Zebra Technologies Enterprise Corporation	20%	\$14,446	8/28/2023	8/27/2024
Sangwon Yoon	Operational Excellence R&D at the Schwarzman Animal Medical Center	Schwarzman Animal Medical Center	25%	\$16,850	10/3/2023	10/2/2024
Sangwon Yoon	Paratemporal Simulation with Uncertainty Quantification, Phase II	RTSync Corporation	34%	\$142,015	11/1/2023	10/31/2025
Sangwon Yoon	Raymond Warehouse Returnable Packaging Database Development and Dock Efficiency Improvement	Raymond Corporation	33%	\$19,715	9/25/2023	9/24/2024
Sangwon Yoon	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement (AMD 1)	Kennedy Valve Company	25%	\$57,180	9/25/2023	9/24/2024
Sangwon Yoon	Applied Research Supporting Raymond Logistics in Inventory Optimization and Process Automation	Raymond Corporation	25%	\$14,935	8/21/2023	8/20/2024
Susan Shuxia Lu	NSF Convergence Accelerator Track (L): Development of a Wireless Intelligent Sensor Platform for Fingerprinting Air and Breath	National Science Foundation	20%	\$150,000	12/1/2023	11/30/2024
Susan Shuxia Lu	STTR Phase I: Perovskite photovoltaic cells with ALD buffer layers for enhanced durability	Pinwheel Solar Limited Liability Corporation	20%	\$33,000	1/1/2024	12/31/2024
Yingge Zhou	CAREER: 3D Printing Assisted Multi-Scale Channel Hydrogel Soft Tissue Scaffolds	National Science Foundation	100%	\$514,218	9/1/2024	8/31/2029
Yingge Zhou	Collaborative Research: Dancing with Wolves - Exploring the Impacts of Generative Artificial Intelligence on Engineering Education	National Science Foundation	100%	\$130,165	8/1/2024	7/31/2027
Yong Wang	NeTS: Small: NSF-DST:A Revolutionary Edge AI-5G Prototype for Context-Aware QoS Elevating V2X Road Safety and Accident Prevention	National Science Foundation	100%	\$307,803	1/1/2024	12/31/2026
Yong Wang	Applied Research Supporting Raymond Logistics in Inventory Optimization and Process Automation	Raymond Corporation	25%	\$14,935	8/21/2023	8/20/2024

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Yong Wang	Raymond Warehouse Returnable Packaging Database Development and Dock Efficiency Improvement	Raymond Corporation	33%	\$19,715	9/25/2023	9/24/2024
Yong Wang	Predictive Modeling, Database Development, and AI Support for Business Performance Improvement	Oak Orchard Community Health Center Incorporated	33%	\$22,442	12/1/2023	11/30/2024
Yong Wang	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement (AMD 1)	Kennedy Valve Company	25%	\$57,180	9/25/2023	9/24/2024
Yong Wang	Healthcare Data Analytics to Improve Population Health and Operations Management Strategies	Finger Lakes IPA Incorporated	33%	\$20,825	9/4/2023	9/3/2024
Yong Wang	Business Process Engineering Support for Network Management Systems CMO (AMD 25)	Montefiore Hospital and Medical Center	33%	\$21,679	8/21/2023	8/20/2024
Yu Jin	Pharmacy System Design Validation and Principle Development Through Data Analytics and Simulation Modeling	Innovation Associates Doing Business As iA	33%	\$65,635	5/15/2023	12/31/2023
Yu Jin	Artificial Intelligence-guided Electrospray Deposition of Polymeric Films	National Science Foundation	25%	\$171,824	6/1/2024	5/31/2027
Yu Jin	Simulation-based Business Intelligence and Analytics for Digital Transformation in Manufacturing (AMD 1)	Zebra Technologies Enterprise Corporation	20%	\$14,446	8/28/2023	8/27/2024
Zeynep Ertem	CAREER: Evaluating Complex Dynamic Social Networks to Advance Disease Modeling	National Science Foundation	100%	\$500,000	2/1/2024	1/31/2029
Zeynep Ertem	Active learning with explainable machine learning for creating a cognitive study on brain-behavior interpretations for music dynamics	Sony Corporation	40%	\$60,000	9/1/2024	8/31/2025
Zimo Wang	Active learning with explainable machine learning for creating a cognitive study on brain-behavior interpretations for music dynamics	Sony Corporation	60%	\$89,999	9/1/2024	8/31/2025

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Zimo Wang	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement (AMD 1)	Kennedy Valve Company	25%	\$57,180	9/25/2023	9/24/2024
			Total # Credited	50.45		
			Total \$ Credited	\$13,830,514		

020 Univ Police Admin

Steven Faulkner	Youth and Police Initiative	Broome County Youth Bureau	100%	\$20,000	10/1/2023	9/30/2024
			Total # Credited	1.00		
			Total \$ Credited	\$20,000		

020 Watson School Deans Office

Benson Chan	Building Opal - smart ring for personal safety	FuzeHub	100%	\$50,000	9/1/2023	8/31/2024
Melissa Simonik	Biomechanical Safety Analysis of Football Footwear and Playing Surface Interface	National Operating Committee on Standards for Athletic Equipment	100%	\$56,675	1/1/2024	12/31/2024
Seungbae Park	Thintronics Inc's Participating Membership in the IEEC, 2023-24	Thintronics Incorporated	100%	\$5,000	8/1/2023	7/31/2024
Seungbae Park	Analog Devices Inc. membership in the IEEC, 2024-25	Analog Devices, Incorporated	100%	\$60,000	2/8/2024	2/7/2025
Seungbae Park	C4V's participating membership in the IEEC, 2024	C4V	100%	\$5,000	2/1/2024	1/31/2025
Seungbae Park	AMD membership in the IEEC, 2023-27	Advanced Micro Devices Inc	100%	\$50,000	11/20/2023	11/19/2027
Seungbae Park	Sanmina's participating membership in the IEEC, 2024-25	Sanmina Corporation	100%	\$5,000	2/15/2024	2/14/2025

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
Seungbae Park	Indium's membership in the IEEC, 2024-25	Indium Corporation	100%	\$60,000	3/1/2024	2/28/2025
Seungbae Park	Lockheed Martin's Membership in the IEEC, 2024	Lockheed Martin	100%	\$60,000	1/1/2024	12/31/2024
Seungbae Park	Universal Instrument's Participating Membership in the IEEC 2023-24	Universal Instruments Corporation	100%	\$5,000	1/1/2024	12/31/2024
Seungbae Park	Samtec's Participating Membership in the IEEC 2023-24	Samtec	100%	\$5,000	10/30/2023	10/29/2024
Seungbae Park	Menlo Microsystems Participating Membership in the IEEC 2023-24	Menlo Microsystems Incorporated	100%	\$5,000	11/15/2023	11/14/2024
Seungbae Park	Koh Young's full membership in the IEEC, 2024-25	Koh Young Technology Incorporated	100%	\$60,000	2/1/2024	1/31/2025
Seungbae Park	Global Foundries' Participating Membership in the IEEC 2023-24	Global Foundries, Inc.	100%	\$5,000	11/1/2023	10/31/2024
Seungbae Park	Dupont's Participating Membership in the IEEC 2023-24	Dupont Central Research and Development	100%	\$5,000	10/1/2023	9/30/2024
Seungbae Park	BAE's membership in the IEEC 2023-24	BAE Systems Controls Incorporated	100%	\$60,000	1/1/2024	12/31/2024
Seungbae Park	Corning's Full Membership in the IEEC 2023-24	Corning Incorporated	100%	\$60,000	10/1/2023	9/30/2024
Yong Wang	Design and Development of a Smart Wheelchair with Autonomous Driving for Persons With Disabilities	Indo-US Science and Technology Forum	100%	\$59,030	1/1/2024	12/31/2025
Yong Wang	Artificial Intelligence-based Driver Assistance Framework: Generating Safe Trajectories to Prevent Road Accidents under Poor Visibility Conditions	Indo-US Science and Technology Forum	100%	\$54,510	1/1/2024	12/31/2025

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
--------------------	--------------	---------------------	-------------------------	--------------------	-----------------------------	---------------------------

Total # Credited **19.00**

Total \$ Credited **\$670,215**

Total Proposals Submitted:	312.00
Total Amount Requested:	\$176,482,343