

Sponsored Programs Proposal Submission Report

For the period July 1, 2022 to February 28, 2023



Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
020 Acad Affairs Assoc Prov VP						
Valerie Imbruce	Redesigning environmental studies core curriculum to educate 21st century professionals	National Science Foundation	25%	\$99,974	9/1/2023	8/31/2026
			Total # Credited	0.25		
			Total \$ Credited	\$99,974		
020 Acad Affairs Prov VP						
Lorena Aguilar	Advancing Gender in the Environment	International Union for Conservation of Nature and Natural Resources	100%	\$24,749	9/29/2022	12/28/2022
			Total # Credited	1.00		
			Total \$ Credited	\$24,749		
020 Anthropology						
BrieAnna Langlie	Collaborative Research: Growing Inequality? Farming, Herding, and Sociopolitical Transformation in the Prehispanic Andes	National Science Foundation	100%	\$118,277	6/1/2022	5/31/2025
Carl Lipo	Scope of Work for a Remote Sensing Recommendation Study, Bundschu Ridge (Incident WWII-0716-J), Guam (I-SB-2020-10451).	International Archaeological Research Institute	50%	\$34,161	9/1/2022	8/31/2023
Carl Lipo	NRT: EMERGE: Training next generation applied social scientists through authentic complex systems research	National Science Foundation	11%	\$329,956	6/1/2023	5/31/2028
Carl Lipo	Collaborative Research: GCR: Using Convergent Modeling to Enhance Online Collective Action for Sustainable Offline Communities	National Science Foundation	14%	\$255,628	9/1/2023	8/31/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Carl Lipo	MRI: Track 1 Acquisition of an Illumina NextSeq 2000 for High-Throughput Biomolecular Research	National Science Foundation	20%	\$95,033	10/1/2023	9/30/2026
David Mixter	Redesigning environmental studies core curriculum to educate 21st century professionals	National Science Foundation	25%	\$99,974	9/1/2023	8/31/2026
Katherine Wander	Doctoral Dissertation Research: Tuberculosis-helminthiasis syndemics: assessing the 'optimal iron hypothesis'	National Science Foundation	100%	\$38,565	7/1/2023	5/31/2024
Katherine Wander	F31: TBD Fellowship for Rachael Anyim	National Institutes of Health	100%	\$63,904	6/1/2023	5/31/2025
Katherine Wander	Doctoral Dissertation Research: Does Milk Cortisol Serve as a Signal in Infant Immune System Development?	National Science Foundation	100%	\$29,405	1/1/2023	12/31/2023
Mallory Peters	Wenner-Gren Dissertation Fieldwork Grant for Mallory Peters	Wenner Gren Foundation for Anthropological Res	100%	\$25,000	8/31/2023	8/30/2024
Matthew Emery	MRI: Track 1 Acquisition of an Illumina NextSeq 2000 for High-Throughput Biomolecular Research	National Science Foundation	20%	\$95,033	10/1/2023	9/30/2026
Michel Shamoony-Pour	Characterizing microbiological PFAS precursors degradation by bacteria from contaminated landfills.	Environmental Research and Education Foundation	100%	\$100,000	1/1/2023	12/31/2024
Rachael Anyim	Wenner-Gren Dissertation Fieldwork Grant for Rachael Anyim	Wenner Gren Foundation for Anthropological Res	100%	\$25,000	7/1/2023	6/30/2024
				Total # Credited	8.40	
				Total \$ Credited	\$1,309,936	

020 Art History

Claire Kovacs	General Conservation Assessment of the Binghamton University Art Museum	National Endowment for the Humanities	100%	\$9,971	9/1/2023	6/30/2024
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Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Pamela Smart	Getty Foundation Supplemental Funding: Indian Ocean Exchanges	Getty Foundation	100%	\$28,999	3/1/2023	2/29/2024
			Total # Credited	2.00		
			Total \$ Credited	\$38,970		

020 Arts and Sciences Dean

Yuxin Wang	GCR: Flexible and Low Cost Lead-Free Perovskite Solar Cells	National Science Foundation	15%	\$540,000	9/1/2023	8/31/2028
			Total # Credited	0.15		
			Total \$ Credited	\$540,000		

020 Biological Sciences

Claudia Marques	Mechanisms of Survival of <i>P. aeruginosa</i> Persister Cells to Innate Immune Response and Macrophage Killing	National Institute of Allergy & Infectious Disease	100%	\$431,750	4/1/2023	3/31/2025
Claudia Marques	R01 Renewal: Engineering a Small Intestinal Microbiome to Evaluate Food Additive Exposure	National Institutes of Health	50%	\$1,912,963	7/1/2023	6/30/2028
Heather Fiumera	Effect of Mitochondrial-nuclear Communication on Cellular Processes Associated With Cellular Lifespan	Virginia Commonwealth University	100%	\$79,899	9/1/2023	8/31/2025
Karin Sauer	MRI: Track 1 Acquisition of an Illumina NextSeq 2000 for High-Throughput Biomolecular Research	National Science Foundation	20%	\$95,033	10/1/2023	9/30/2026
Kirsten Prior	CAREER: Altered Community Interactions Under Anthropogenic-driven Range Expansions: A Biogeographical Approach to Test Mechanisms in a Multitrophic Community	National Science Foundation	100%	\$1,041,364	2/1/2023	1/31/2028
Laura Cook	The gut microbiota as a link between alcohol and pain sensitivity	National Institute for Alcohol Abuse & Alcoholism	50%	\$908,322	12/1/2023	11/30/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Laura Cook	Community-wide Biofilm Interactions Across Systems	National Institute of General Medical Sciences	100%	\$1,894,100	7/1/2023	6/30/2028
Laura Musselman	MCA: Regulation of midgut structure and lipid metabolism by a novel acyltransferase gene family in <i>Drosophila</i>	Marquette University	100%	\$52,446	1/1/2024	12/31/2026
Michelle Withers	Resubmission: Collaborative Research: A Developmental Model to Understand the Process of Instructor Implementation of Evidence-Based Teaching Practices	National Science Foundation	100%	\$66,255	1/1/2023	12/31/2025
Michelle Withers	NRT: EMERGE: Training next generation applied social scientists through authentic complex systems research	National Science Foundation	11%	\$329,956	6/1/2023	5/31/2028
Peter McKenney	Sensor on Wheels (SOW): A Field-Deployable Environmental Pathogen Detection Tool	Environmental Protection Agency	20%	\$15,000	9/1/2023	8/31/2025
Peter McKenney	R03: Contact-dependent suppression of <i>Clostridioides difficile</i> sporulation by enterococci	National Institute of Allergy & Infectious Disease	100%	\$157,000	9/1/2023	8/31/2025
Thomas Powell	CAREER: Seasonal Adaptation and the Maintenance of Standing Genetic Variation: How Geography, Ecology, and Climate Interact to Shape the Capacity for Rapid Evolution	National Science Foundation	100%	\$1,050,031	7/1/2023	6/30/2028
				Total # Credited	9.51	
				Total \$ Credited	\$8,034,119	

020 Biomedical Engineering

Ahyeon Koh	R35: Artificial Extracellular Matrix Bioelectronics (e-ECM) for Wound Management	National Institutes of Health	100%	\$1,894,100	7/1/2023	6/30/2028
Ahyeon Koh	Collaborative Research: Wearable, Situation-aware Respiratory Health Monitoring	National Science Foundation	50%	\$199,596	2/1/2023	1/31/2026
Ahyeon Koh	CAREER: Artificial Extracellular Matrix Biosensors (e-ECM)	National Science Foundation	100%	\$500,120	1/1/2023	12/31/2027

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Ahyeon Koh	R21: Mask-integrated Respiratory Health Monitoring	National Institutes of Health	50%	\$213,243	4/1/2023	3/31/2025
Ahyeon Koh	R21: Soft Fibrous Multiplexed Biosensing System for Negative Pressure Wound Therapy	National Institutes of Health	100%	\$650,243	12/1/2023	11/30/2026
Fake Lu	Establishing near-UV SRS for highly sensitive bioimaging	National Institutes of Health	60%	\$355,938	12/1/2023	11/30/2026
Fake Lu	Career: NUV-CRS imaging for digital pathology and diagnosis of brain tumors	National Science Foundation	100%	\$500,000	2/1/2023	1/31/2028
Gretchen Mahler	AHA Fellowship: Fatemeh (Yoona) Salemizadehparizi	American Heart Association Incorporated	100%	\$65,106	1/1/2023	12/31/2024
Gretchen Mahler	AHA Fellowship: Haleema Qamar	American Heart Association Incorporated	100%	\$32,553	1/1/2023	12/31/2023
Gretchen Mahler	AHA Fellowship: Biomechanical cues epigenetically contribute to CHD development.	American Heart Association Incorporated	100%	\$65,106	1/1/2023	12/31/2024
Gretchen Mahler	R01 Renewal: Engineering a Small Intestinal Microbiome to Evaluate Food Additive Exposure	National Institutes of Health	50%	\$1,912,963	7/1/2023	6/30/2028
Gretchen Mahler	MRI: Track 1 Acquisition of an Illumina NextSeq 2000 for High-Throughput Biomolecular Research	National Science Foundation	20%	\$95,033	10/1/2023	9/30/2026
Guy German	R01:Measuring and mapping the multiscale anisotropy of human brain white matter	National Institutes of Health	40%	\$560,769	7/1/2023	6/30/2027
Kaiming Ye	MRI: Track 1 Acquisition of A Cryo Electron Microscope (Cryo-EM) for Life Science Research and Training at SUNY Binghamton	National Science Foundation	50%	\$686,903	8/1/2023	7/31/2026
Kaiming Ye	NSF Engines Type 1 proposal (Upstate Medical Center)	Upstate Medical University Foundation	100%	\$85,485	1/1/2023	12/31/2024

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Kaiming Ye	Synergistic Regulation of Signaling Pathways for Functional Islet Organogenesis	National Science Foundation	50%	\$222,791	10/1/2023	9/30/2026
Kaiming Ye	R13: New GORDON RESEARCH CONFERENCE: Advanced Cell and Tissue Biomanufacturing: Technology Development and Innovation through Convergence	National Institutes of Health	100%	\$36,000	4/1/2023	3/31/2024
Kaiming Ye	NIST Professional Research Experience Program (PREP) Partnership	Johns Hopkins University	100%	\$6,640,587	12/1/2022	11/30/2027
Kaiming Ye	Converting Food Waste into Ecofriendly Medical Materials: Turn Waste to Treasure	National Science Foundation	50%	\$210,000	9/1/2023	8/31/2026
Sha Jin	Converting Food Waste into Ecofriendly Medical Materials: Turn Waste to Treasure	National Science Foundation	50%	\$210,000	9/1/2023	8/31/2026
Sha Jin	Synergistic Regulation of Signaling Pathways for Functional Islet Organogenesis	National Science Foundation	50%	\$222,791	10/1/2023	9/30/2026
Sha Jin	MRI: Track 1 Acquisition of A Cryo Electron Microscope (Cryo-EM) for Life Science Research and Training at SUNY Binghamton	National Science Foundation	50%	\$686,903	8/1/2023	7/31/2026
Tracy Hookway	CAREER: Bi-directional cellular interactions in engineered cardiac tissues	National Science Foundation	100%	\$500,000	6/1/2023	5/31/2028
Ying Wang	R21: Biofabrication of Hierarchical Vascular Networks with Microtube-Embedded Bioink for 3D Tissue Growth and Maturation	National Institutes of Health	50%	\$293,480	12/1/2023	11/30/2026
Yizeng Li	Cell Size Regulation and Cell Mechanosensation	Johns Hopkins University	100%	\$110,947	7/1/2023	6/30/2028
Yizeng Li	Collaborative Research: Analysis and computation on the competing intracellular morphology and the implication of mammalian cell polarization and migration	National Science Foundation	100%	\$292,447	7/1/2023	6/30/2026

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Yizeng Li	Transfer: CAREER: Impacts of Intracellular and Extracellular Hydraulic Environments on Mammalian Cell Migration in Confined Space	National Science Foundation	100%	\$492,742	9/1/2022	8/31/2026
Yuan Wan	Retrieval of Circulating Tumor Cells with Recombinant Adenoviruses for Liquid Biopsy of Lung Cancer	Department of Defense (CDMRP)	100%	\$941,609	4/1/2023	3/31/2026
Yuan Wan	Retrieval of Circulating Tumor Cells with Recombinant Adenoviruses for Liquid Biopsy of Breast Cancer	US Army Research Office	100%	\$1,082,994	4/1/2023	3/31/2026
			Total # Credited	22.20		
			Total \$ Credited	\$19,760,448		

020 CCPA Deans Office

Elizabeth Anderson	NYSED C/W Community Schools Technical Assistance Center	NYS Education Department	25%	\$489,056	7/1/2023	6/30/2028
Laura Bronstein	New York University-Assisted Community Schools Statewide Initiative	US Department of Education	25%	\$9,140,721	1/1/2023	12/31/2027
LuAnn Kida	Rural Mental Health in Schools Expansion Initiative	US Department of Education	30%	\$1,667,506	1/1/2023	12/31/2027
LuAnn Kida	BT BOCES Agreement	Broome Tioga BOCES	100%	\$69,600	1/1/2023	12/31/2023
LuAnn Kida	NYSED C/W Community Schools Technical Assistance Center	NYS Education Department	25%	\$489,056	7/1/2023	6/30/2028
LuAnn Kida	New York University-Assisted Community Schools Statewide Initiative	US Department of Education	25%	\$9,140,721	1/1/2023	12/31/2027
Naorah Rimkunas	NYSED C/W Community Schools Technical Assistance Center	NYS Education Department	50%	\$978,113	7/1/2023	6/30/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
				Total # Credited Total \$ Credited	2.80 \$21,974,773	
020 CCPA Human Development						
Chandiren Valayden	Anti-democratic Culture and the Rhetoric of Participation across Physical and Virtual Worlds	National Endowment for the Humanities	50%	\$75,000	1/1/2024	12/31/2025
				Total # Credited Total \$ Credited	0.50 \$75,000	
020 CCPA Public Administration						
George Homsy	Redesigning environmental studies core curriculum to educate 21st century professionals	National Science Foundation	25%	\$99,974	9/1/2023	8/31/2026
Pamela Mischen	NRT: EMERGE: Training next generation applied social scientists through authentic complex systems research	National Science Foundation	11%	\$329,956	6/1/2023	5/31/2028
Pamela Mischen	Collaborative Research: GCR: Using Convergent Modeling to Enhance Online Collective Action for Sustainable Offline Communities	National Science Foundation	14%	\$255,628	9/1/2023	8/31/2028
				Total # Credited Total \$ Credited	0.50 \$685,558	
020 CCPA Social Work						
Kun Wang	Research Infrastructure for study of Alzheimer's Disease and Alzheimer's Disease-related dementias in older Asian Americans	Icahn School of Medicine at Mount Sinai	100%	\$32,331	7/1/2023	6/30/2028
Suk-Young Kang	Exploring the interactions between robotic companion pets and community-dwelling older women	Borchard Center on Law and Aging	100%	\$20,000	1/1/2023	12/31/2023
				Total # Credited Total \$ Credited	2.00 \$52,331	

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
020 CCPA Student Affairs						
John Zilvinskis	Validating New Higher Education Disability Survey Items	Institute of Education Sciences	100%	\$2,000,000	7/1/2023	6/30/2027
				Total # Credited	1.00	
				Total \$ Credited	\$2,000,000	
020 CCPA Teaching Learning Educ Leadership						
Amber Simpson	Collaborative Research: Student Ways of Thinking in STEM Learning Environments	National Science Foundation	100%	\$102,665	8/16/2023	8/15/2026
Amber Simpson	Engaging the Public: Authentic and Community-Oriented Critical Math Projects	National Science Foundation	95%	\$2,205,342	8/1/2023	7/31/2028
Elizabeth Anderson	New York University-Assisted Community Schools Statewide Initiative	US Department of Education	25%	\$9,140,721	1/1/2023	12/31/2027
Naorah Rimkunas	New York University-Assisted Community Schools Statewide Initiative	US Department of Education	25%	\$9,140,721	1/1/2023	12/31/2027
Naorah Rimkunas	Rural Mental Health in Schools Expansion Initiative	US Department of Education	70%	\$3,890,848	1/1/2023	12/31/2027
Nicole Fenty	STEM INNOVATION GRANT	Colocation America	100%	\$7,500	9/1/2022	8/31/2023
				Total # Credited	4.15	
				Total \$ Credited	\$24,487,797	
020 Chemistry						
Brian Callahan	R21: Discovery and anti-tumor activity of the first antagonists targeting human Sonic Hedgehog autoprocessing	National Cancer Institute	100%	\$427,190	7/1/2023	6/30/2025
Brian Callahan	Hedgehog autoprocessing: molecular mechanisms and drug discovery	Rensselaer Polytechnic Institute	100%	\$1,309,550	7/1/2023	6/30/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Christof Grewer	Substrate Specificity Determinants in Nutrient Solute Carrier Transporters	Icahn School of Medicine at Mount Sinai	100%	\$671,455	5/1/2023	4/30/2028
Chuan Jian Zhong	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	32%	\$5,759,999	7/1/2023	6/30/2029
Chuan Jian Zhong	MRI: Acquisition of Electron Energy Loss Spectroscopy for and Materials Science and Life Science Research	National Science Foundation	10%	\$99,900	8/1/2022	7/31/2025
Eriks Rozners	Illuminating cancer metabolism with fluorescent biosensors	Chan Zuckerberg Science Initiative	100%	\$482,948	3/1/2023	2/28/2026
Eriks Rozners	R35 Renewal: Chemical Approaches to Control the Function of Regulatory RNAs	National Institutes of Health	100%	\$2,222,155	2/1/2024	1/31/2029
Eriks Rozners	MRI: Track 1 Acquisition of an Illumina NextSeq 2000 for High-Throughput Biomolecular Research	National Science Foundation	20%	\$95,033	10/1/2023	9/30/2026
Hao Liu	Advanced Electrolytes to Enable Lithium-metal Anodes for use in EV Batteries	New Dominion Enterprises	100%	\$66,000	4/15/2023	4/14/2024
Hao Liu	Novel Lithium Metal Anode Batteries	New Dominion Enterprises	100%	\$47,400	8/1/2023	10/31/2023
Hao Liu	Achieving Elevated Energy Density Batteries Using Lithium-metal Anodes and Inorganic Liquid Electrolytes	New Dominion Enterprises	100%	\$25,000	10/24/2022	1/23/2023
Hao Liu	Salt Level and Carbonates Speciation Optimization with Phospholyte	New Dominion Enterprises	100%	\$25,000	10/24/2022	1/23/2023
Hao Liu	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	14%	\$2,520,000	7/1/2023	6/30/2029
Huiyuan Guo	CAREER: From the mother to the offspring: nanoplastic transfer and toxicity in aquatic species	National Science Foundation	100%	\$672,381	2/1/2023	1/31/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Huiyuan Guo	Track pesticide spray efficacy and drift using an agricultural residue-derived nanosensor	USDA Agricultural Research Service	100%	\$649,999	5/1/2023	4/30/2027
Huiyuan Guo	Sensor on Wheels (SOW): A Field-Deployable Environmental Pathogen Detection Tool	Environmental Protection Agency	80%	\$60,000	9/1/2023	8/31/2025
Jennifer Hirschi	Transition State Analysis of alpha-Ketol Rearrangements in Organic and Enzymatic Reactions	National Science Foundation	100%	\$24,198	8/1/2023	7/31/2026
Jiahui Wu	R21: Illuminating cancer metabolism with fluorogenic ribonucleoprotein-based biosensors	National Institutes of Health	100%	\$607,480	7/1/2023	6/30/2026
Jiye Fang	Development of CeO ₂ Facet-Supported Single-Atom Catalysts for Direct Conversion of Syngas to High-Value Hydrocarbons	American Chemical Society	100%	\$110,000	9/1/2023	8/31/2025
Jiye Fang	Perovskite Powered Hydrogen Production Using Low Cost and Earth Abundant Catalysts	US Department of Energy	40%	\$400,000	8/1/2023	7/31/2026
Jiye Fang	Design, Synthesis, and Understanding of Advanced Electrocatalysts for Green Hydrogen Production and Utilization	US Department of Energy	100%	\$4,266,151	10/1/2022	9/30/2025
Jiye Fang	Study on Surface Instability, Revivification, and Lattice Impact for Promoting Durability of Water Oxidation Catalysts	National Science Foundation	100%	\$499,968	8/1/2023	7/31/2026
Jiye Fang	Understanding of Surface Deactivation and Healing Process of Water Oxidation Catalysts for Durability Improvement	National Science Foundation	100%	\$499,968	8/1/2023	7/31/2026
John Swierk	Sloan Research Fellowship	Alfred P Sloan Foundation	100%	\$75,000	9/15/2023	9/14/2025
John Swierk	Camille Dreyfus Teacher-Scholar Awards Program- John Swierk	Camille and Henry Dreyfus Foundation Incorporated	100%	\$100,000	7/1/2023	6/30/2028
John Swierk	Design of uranyl photocatalysts for acceptorless oxidative transformations	National Institute of General Medical Sciences	100%	\$1,913,567	7/1/2023	6/30/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Julien Panetier	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Julien Panetier	R35: Computational Modeling of Carbon Monoxide Dehydrogenase Model Systems for Carbon Dioxide Fixation	National Institute of General Medical Sciences	100%	\$1,859,900	7/1/2023	6/30/2028
Julien Panetier	CAREER: Computational Modeling of Carbon Monoxide Dehydrogenase Model Systems for Carbon Dioxide Fixation	National Science Foundation	100%	\$705,450	9/1/2023	8/31/2028
M Stanley Whittingham	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	5%	\$900,000	7/1/2023	6/30/2029
M Stanley Whittingham	MRI: Acquisition of Electron Energy Loss Spectroscopy for and Materials Science and Life Science Research	National Science Foundation	10%	\$99,900	8/1/2022	7/31/2025
M Stanley Whittingham	Surface modification of low cost advanced 3D anodes for lithium metal batteries	LiBAMA Limited Liability Corporation	100%	\$62,500	7/1/2023	3/31/2024
M Stanley Whittingham	NSF SBIR/STTR Phase I: Scalable advanced 3D anodes for rechargeable lithium metal batteries	LiBAMA Limited Liability Corporation	100%	\$82,500	4/1/2023	3/31/2024
M Stanley Whittingham	Smart Green Gigamachine: Expanding Existing Li-ion Cell Gigafactory to 5 GWh with minimum 70% Domestic Supply Chain at Imperium3 New York	Charge CCCV	100%	\$2,500,001	9/1/2022	8/31/2027
M Stanley Whittingham	Roll-to-roll substrate manufacturing development of the advanced metal anode for next generation lithium batteries	FuzeHub	100%	\$50,000	1/1/2023	12/31/2023
Nikolay Dimitrov	CHIRP: Corrosion of Sintered Cu and Ag Interconnects - Assessment and Prevention	Purdue University	100%	\$149,997	1/1/2023	12/31/2025
Nikolay Dimitrov	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Puja Goyal	R35: Computational studies of natural and engineered photoreceptors	National Institutes of Health	100%	\$1,813,620	7/1/2023	6/30/2028

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Wei Qiang	R21: Structural Basis of Cross-Seeding Between PTM and wild-type Abeta Variants	National Institutes of Health	100%	\$429,470	6/1/2023	5/31/2025
Wei Qiang	R01: Molecular Structural Basis of Non-specific Neuronal Membrane Disruption Induced by Early-Stage Beta-Amyloid Peptide Aggregation	National Institutes of Health	100%	\$1,896,522	8/1/2023	7/31/2028
			Total # Credited	32.17		
			Total \$ Credited	\$35,260,202		

020 Computer Science

Guanhua Yan	MRI: Track 2 Development of an Integrated Terahertz Quantum Secured Edge Network Testbed	National Science Foundation	18%	\$462,490	9/1/2023	8/31/2026
Guanhua Yan	Real-Time Detection of Advanced Malware Attacks with Ensembles of Graph Neural Networks	SUNY Central Administration	100%	\$100,000	1/1/2022	12/31/2022
Hoda Naghibijouybari	Student Travel Support for the 8th Career Workshop for Inclusion and Diversity in Computer Architecture (CWIDCA), Chicago, Illinois, USA, October 2022	National Science Foundation	100%	\$16,000	10/2/2022	10/1/2023
Hoda Naghibijouybari	Collaborative Research: SaTC: Core: Small: Understanding and mitigating microarchitectural attacks on Multi-GPU systems	National Science Foundation	100%	\$299,999	4/1/2023	3/31/2026
Hui Lu	CAREER: Rethinking Virtualization in Cloud-Native Systems	National Science Foundation	100%	\$500,000	3/1/2023	2/29/2028
Hui Lu	Collaborative Research: CCF Core: Medium: Operating System Support for Persistence and Crash-consistency in Non-volatile Memories	National Science Foundation	100%	\$399,999	9/1/2023	8/31/2027
Jeremy Blackburn	Collaborative Research: SaTC: TTP: Medium: iDRAM.cloud: A Platform for Measuring and Understanding Information Manipulation	National Science Foundation	100%	\$674,999	1/1/2023	12/31/2026

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Jeremy Blackburn	NRT: EMERGE: Training next generation applied social scientists through authentic complex systems research	National Science Foundation	11%	\$329,956	6/1/2023	5/31/2028
Jeremy Blackburn	Collaborative Research: GCR: Using Convergent Modeling to Enhance Online Collective Action for Sustainable Offline Communities	National Science Foundation	14%	\$255,628	9/1/2023	8/31/2028
Jeremy Blackburn	Collaborative Research: SaTC: Core: Medium: Towards the Adaptive and Context Aware Moderation of Toxic Content	National Science Foundation	100%	\$499,858	1/1/2023	12/31/2026
Kanad Ghose	NSF 22-589 CoHeSion: Co-design across heterogeneous architectures, devices and integration technologies	University of Massachusetts Amherst	100%	\$85,000	3/1/2023	2/28/2025
Kenneth Chiu	Continuation: Performance Measurement, analysis, and Tuning of Seismic and Machine Learning Workloads	TOTALEnergies E&P Research & Technology USA, LLC	100%	\$129,999	11/1/2022	10/31/2023
Kenneth Chiu	NSF Engines: New Collar Collider- Connecting Blue and White Collar Workers to Get AI Tech out of Labs and into Manufacturers in Upstate New York	TBD	100%	\$100,000	1/1/2023	12/31/2024
Kenneth Chiu	Engaging the Public: Authentic and Community-Oriented Critical Math Projects	National Science Foundation	5%	\$116,071	8/1/2023	7/31/2028
Kenneth Chiu	Establishing near-UV SRS for highly sensitive bioimaging	National Institutes of Health	20%	\$118,646	12/1/2023	11/30/2026
Lijun Yin	Machine learning based multimodal medical information disentanglement for prediction, diagnosis, and evaluation	Massachusetts General Hospital	100%	\$90,050	6/1/2023	5/31/2026
Lijun Yin	Collaborative Research: CCRI: Grand: A Large-Scale Multimodal Human Social Interaction Data Warehouse	National Science Foundation	70%	\$1,298,807	9/1/2022	8/31/2027
Shiqi Zhang	CAREER: Grounded Robot Planning with Common Sense for Efficient and Feasible Behaviors in Open Worlds	National Science Foundation	100%	\$544,741	6/1/2023	5/31/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Weiyi Meng	Collaborative Research: III:Medium:Streaming Named Entity Recognition Architecture for Microblogs	National Science Foundation	100%	\$499,999	7/1/2023	6/30/2027
Weiying Dai	Prediction and retrieval of human cortical folding patterns	National Institutes of Health	50%	\$195,925	7/1/2023	6/30/2025
Weiying Dai	R01: The Effect of Meditation on Neurocognitive Aging	National Institute on Aging	100%	\$1,301,183	7/1/2023	6/30/2026
Yifan Zhang	REU Supplement to CAREER: Enabling Edge-hosted Private Services via Unikernel-based Lightweight Virtualization	National Science Foundation	100%	\$16,000	6/1/2023	5/31/2024
Zeyu Ding	Collaborative Research: SaTC: CORE: Medium: Differentially Private SQL with flexible privacy modeling, machine-checked system design, and accuracy optimization	National Science Foundation	100%	\$335,584	9/1/2023	8/31/2027
				Total # Credited	17.88	
				Total \$ Credited	\$8,370,934	

020 Decker/Physical Therapy

Gurpreet Singh	Effects of Rock Steady Boxing training delivered through Tele rehab on motor and non-motor components of Parkinson's Disease	American Physical Therapy Association	100%	\$10,000	7/15/2023	7/14/2024
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	40%	\$163,124	12/1/2023	11/30/2025
Vipul Lugade	A comparison of motor and cognitive performance in a driving simulator among young adults following mTBI	Sony Corporation	50%	\$50,000	1/1/2022	12/31/2022
Vipul Lugade	Tele-rehabilitation for mTBI	US Air Force Research Laboratory	100%	\$157,000	10/1/2022	9/30/2024

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
				Total # Credited	2.90	
				Total \$ Credited	\$380,124	
020 Decker/School of Nursing						
Joyce Rhodes-Keefe	Virtual Reality Simulation to Foster Empathy in Nursing Students	University of California at Davis	10%	\$45,000	7/1/2023	6/30/2026
Lori Sprague	Virtual Reality Simulation to Foster Empathy in Nursing Students	University of California at Davis	10%	\$45,000	7/1/2023	6/30/2026
Nannette Cowen	Impact of Metformin on Vitamin B1 Utilization in Type 2 Diabetes	National Institutes of Health	40%	\$235,500	7/1/2023	6/30/2026
Patrick Leiby	Virtual Reality Simulation to Foster Empathy in Nursing Students	University of California at Davis	10%	\$45,000	7/1/2023	6/30/2026
Rosemary Collier	Virtual Reality Simulation to Foster Empathy in Nursing Students	University of California at Davis	70%	\$315,000	7/1/2023	6/30/2026
				Total # Credited	1.40	
				Total \$ Credited	\$685,500	
020 Decker/Speech Language Pathology						
Dawna Duff	Contextual Word Learning in Children with DLD	National Inst on Deafness & Other Comm Disorders	100%	\$597,075	7/1/2023	6/30/2026
Dawna Duff	Word Learning in Reading and Language Impairment Subgroups	University of South Carolina	100%	\$413,076	7/1/2022	6/30/2023
				Total # Credited	2.00	
				Total \$ Credited	\$1,010,151	

020 Economics

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Andreas Pape	NRT: EMERGE: Training next generation applied social scientists through authentic complex systems research	National Science Foundation	12%	\$359,952	6/1/2023	5/31/2028
Andreas Pape	Collaborative Research: GCR: Using Convergent Modeling to Enhance Online Collective Action for Sustainable Offline Communities	National Science Foundation	18%	\$328,665	9/1/2023	8/31/2028
Zili Yang	Investigating the Analytical Properties of Environmental Coalitions --- A Computational Approach through the RICE2020 model	National Science Foundation	100%	\$227,141	3/1/2023	2/28/2025
			Total # Credited	1.30	Total \$ Credited	\$915,758

020 Electrical and Computer Engineering

David Klotzkin	MRI: Track 2 Development of an Integrated Terahertz Quantum Secured Edge Network Testbed	National Science Foundation	18%	\$462,490	9/1/2023	8/31/2026
Jian Li	CAREER: Structured Learning and Optimization for Efficient Resource Management in the Wireless Edge Cloud: Theory and Algorithms	National Science Foundation	100%	\$535,669	6/1/2023	5/31/2028
Jian Li	Collaborative Research: SaTC: Core: Medium: Critical Learning Periods Augmented Robust Federated Learning	National Science Foundation	100%	\$400,000	10/1/2023	9/30/2027
Mengen Wang	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Mengen Wang	GCR: Flexible and Low Cost Lead-Free Perovskite Solar Cells	National Science Foundation	15%	\$540,000	9/1/2023	8/31/2028
Pritam Das	Modular, Scalable, Field configurable, Intelligent Energy storage module with Cell Converter using wide format Prismatic cells	Mallika Ashwin Maya	100%	\$66,600	7/1/2023	6/30/2024
Pritam Das	CAREER: Multi-level Bridge Tapped Resonant (MBTR) Solid-State Transformers (SSTs)	National Science Foundation	100%	\$537,959	2/1/2023	1/31/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Seokheun Choi	Fully Integrated Self-Sustainable Remote Capsule Platform for Astronauts' Healthcare	NASA Headquarters	100%	\$75,000	2/1/2023	1/31/2024
Seokheun Choi	An Ingestible Biobattery for Continuous Power Generation in the Small Intestine	National Science Foundation	100%	\$450,000	6/1/2023	5/31/2026
Seokheun Choi	Stepping Toward Disposable Electronics: Integrated Papertronic Techniques	National Science Foundation	100%	\$450,000	6/1/2023	5/31/2026
Seokheun Choi	Electrochemically Active Bio-Electrodes with Artificial Microbial Consortia for Environmental Remediation and Sustainable Bioenergy Production	National Science Foundation	100%	\$550,648	6/1/2023	5/31/2026
Seokheun Choi	In Vitro Polymicrobial Biofilm Models with Real-Time Electrical Monitoring	National Institute of General Medical Sciences	100%	\$1,358,280	7/1/2023	6/30/2027
Tara Dhakal	NYSTAR Matching Grants Program: Perovskite Hydrogen Production	Empire State Development Corp	100%	\$191,084	8/1/2023	7/31/2026
Tara Dhakal	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Tara Dhakal	GCR: Flexible and Low Cost Lead-Free Perovskite Solar Cells	National Science Foundation	25%	\$900,000	9/1/2023	8/31/2028
Tara Dhakal	Perovskite Powered Hydrogen Production Using Low Cost and Earth Abundant Catalysts	US Department of Energy	60%	\$600,000	8/1/2023	7/31/2026
Wenfeng Zhao	CAREER: IMC-INC: In Memory Computing for Implantable Neural Computing	National Science Foundation	100%	\$499,998	4/1/2023	3/31/2028
Wenfeng Zhao	MRI: Track 2 Development of an Integrated Terahertz Quantum Secured Edge Network Testbed	National Science Foundation	18%	\$462,490	9/1/2023	8/31/2026
Xiaohua Li	MRI: Track 2 Development of an Integrated Terahertz Quantum Secured Edge Network Testbed	National Science Foundation	18%	\$462,490	9/1/2023	8/31/2026

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Yu Chen	Collaborative Research: SaTC: Core: Medium: Understanding and Preserving Human-Centric Visual Privacy for the Drone Age	National Science Foundation	100%	\$334,575	6/1/2023	5/31/2026
Yu Chen	MRI: Track 2 Development of an Integrated Terahertz Quantum Secured Edge Network Testbed	National Science Foundation	30%	\$792,840	9/1/2023	8/31/2026
Ziang Zhang	Energy Storage Systems Planning for Medium-Voltage Systems	New York State Energy Research and Development Authority	100%	\$400,000	6/1/2023	5/31/2025
			Total # Credited	14.89		
			Total \$ Credited	\$11,150,123		

020 English

Alexandra Moore	Anti-democratic Culture and the Rhetoric of Participation across Physical and Virtual Worlds	National Endowment for the Humanities	50%	\$75,000	1/1/2024	12/31/2025
			Total # Credited	0.50		
			Total \$ Credited	\$75,000		

020 Entrepreneurship and Innovation Partnership

Michele Francisco	TAAC FY2022	US Department of Commerce	100%	\$957,950	5/1/2023	4/30/2024
Olga Petrova	Targeted Bioplastic Polyhydroxyalkanoate Copolymers from Agro-Waste as Barrier Coatings in Fiber-Based Food Packaging Applications	FuzeHub	100%	\$50,000	1/1/2023	12/31/2023
Olga Petrova	Entrepreneurship & Acceleration for ClimateTech NY (EnACT NY).	New York State Energy Research and Development Authority	50%	\$4,250,000	7/3/2023	7/2/2026
Olga Petrova	FuzeHub: Increasing Thin Flexible Fuel Cell Manufacturing Throughput by Integrated Array	FuzeHub	100%	\$50,000	6/1/2023	5/31/2024

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Per Stromhaug	NENY XCEED Innovation Workforce	Appalachian Regional Commission	100%	\$250,000	1/1/2023	6/30/2024
Per Stromhaug	Entrepreneurship & Acceleration for ClimateTech NY (EnACT NY).	New York State Energy Research and Development Authority	50%	\$4,250,000	7/3/2023	7/2/2026
Per Stromhaug	NENY Technology Development Voucher Program	Appalachian Regional Commission	100%	\$250,000	1/1/2023	6/30/2024
Per Stromhaug	NENY Infrastructure Program	Appalachian Regional Commission	100%	\$250,000	1/1/2023	6/30/2024
Per Stromhaug	NENY Inclusive Innovation	Appalachian Regional Commission	100%	\$250,000	1/1/2023	6/30/2024
Per Stromhaug	NENY CleanConnect: Ecosystem Marketing and Catalyzation	Appalachian Regional Commission	100%	\$250,000	9/1/2022	8/31/2024
Per Stromhaug	NENY Supply Chain Manufacturing Readiness	Appalachian Regional Commission	100%	\$250,000	1/1/2023	6/30/2024
			Total # Credited	10.00		
			Total \$ Credited	\$11,057,950		

020 Geological Sci & Environmental Studies

Adriane Lam	Collaborative Research: Paleozoic echinoderms as model systems for the study of evolutionary modes	National Science Foundation	100%	\$107,971	7/1/2023	6/30/2026
Adriane Lam	Evolution of the South Atlantic Gyre and Surface Ocean Dynamics across the Miocene Climate Optimum and Mid-Miocene Climate Transition	Columbia University	100%	\$17,342	1/1/2023	12/31/2023
Molly Patterson	CLB Supplement for Award 2000997	National Science Foundation	100%	\$18,042	8/1/2022	7/31/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Molly Patterson	Collaborative Research: Investigating Southern Ocean sea surface temperatures and freshening during the Late Pliocene and Pleistocene along the Antarctic margin	National Science Foundation	100%	\$500,956	9/1/2023	8/31/2026
Sara Velardi	Redesigning environmental studies core curriculum to educate 21st century professionals	National Science Foundation	25%	\$99,974	9/1/2023	8/31/2026
Sara Velardi	Gene Editing in Agriculture	SUNY College of Env Sci and Forestry	100%	\$6,060	9/1/2022	8/31/2023
Timothy de Smet	Scope of Work for a Remote Sensing Recommendation Study, Bundschu Ridge (Incident WWII-0716-J), Guam (I-SB-2020-10451).	International Archaeological Research Institute	50%	\$34,161	9/1/2022	8/31/2023
Timothy Lowenstein	Climate ReOrganizations at Synoptic Scale as Recorded in the Offshore Archives of the Dead Sea - CROSSROADS	Helmholtz Zentrum Munchen	100%	\$21,120	9/1/2022	8/31/2024
				Total # Credited	6.75	
				Total \$ Credited	\$805,625	

020 History

Anne Bailey	Special History Study of the African American Families of Frederica	National Park Service	100%	\$64,725	8/1/2023	7/31/2024
Bradley Skopyk	Tools for Collaborative History: Collecting, Geolocating, and Visualizing Sickness and Health in Mexican History	National Endowment for the Humanities	100%	\$150,000	9/1/2023	5/31/2025
				Total # Credited	2.00	
				Total \$ Credited	\$214,725	

020 Library Administration

Matt Gallagher	Library Collections 2022-2023	NYS Education Department	100%	\$23,026	7/1/2022	6/30/2023
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Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
				Total # Credited	1.00	
				Total \$ Credited	\$23,026	
020 Library Services						
Curtis Kendrick	Collaborative Research: Cultural Competency Immersion Program in Academic Librarianship	Institute of Museum and Library Services	50%	\$125,000	8/1/2023	7/31/2026
Heather Parks	2022-2023 Conservation and Preservation Program Grant	NYS Education Department	100%	\$63,514	4/1/2022	3/31/2023
Nancy Abashian	Collaborative Research: Cultural Competency Immersion Program in Academic Librarianship	Institute of Museum and Library Services	50%	\$125,000	8/1/2023	7/31/2026
				Total # Credited	2.00	
				Total \$ Credited	\$313,513	
020 Mathematical Sciences						
Gang Zhou	Evolution equations in non-equilibrium statistical mechanics and chemotaxis	National Science Foundation	100%	\$165,369	7/1/2023	6/30/2026
Jonathan Williams	Topology of Smooth 4-manifolds and Morse 2-functions	National Science Foundation	100%	\$165,685	7/1/2023	6/30/2026
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	20%	\$81,562	12/1/2023	11/30/2025
Rakhi Singh	Design and Analysis of Screening Experiments with Applications in Hyperparameter Optimization	National Science Foundation	100%	\$270,983	8/1/2023	7/31/2026
Rakhi Singh	Construction and analysis methods for screening experiments	Simons Foundation	100%	\$42,000	6/1/2023	5/31/2028
				Total # Credited	4.20	
				Total \$ Credited	\$725,599	

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
020 Mechanical Engineering						
Bahgat Sammakia	Hybrid of Direct to Chip Single Phase Liquid and Immersion Cooling for Ultra High-Power Chips and Server Powers	NVIDIA Corporation	100%	\$300,000	7/1/2023	6/30/2026
Bahgat Sammakia	Green Refrigerant Compact Hybrid System for Ultra-Efficient and Sustainable HPC Cooling	NVIDIA Corporation	100%	\$750,000	7/1/2023	6/30/2026
Bahgat Sammakia	Multi Jet Cooling for High TDP Using Standard Warm Water	Intel Corporation	100%	\$598,814	7/1/2023	6/30/2026
Bahgat Sammakia	Machine Learning-Based Server Thermal Transient Characterizations/Modeling and Feedback Controls	Google LLC	100%	\$100,000	10/14/2022	10/13/2023
Bahgat Sammakia	SPRINT Supplement Funding Request - Award # 1941181- Enhanced Electronic Cooling via 3D Printing from Additive Laser Fabrication of Heat Removal Devices	National Science Foundation	25%	\$12,500	1/1/2023	4/30/2023
Bahgat Sammakia	CHIRP: Experimental Characterization of Thermal Shadowing Effect and AI Driven Optimization of Boiling Enhancement Coatings for Single and Two-Phase Immersion Cooling	Purdue University	34%	\$50,999	1/1/2023	12/31/2025
Changhong Ke	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Changhong Ke	SPRINT Supplement Funding Request - Award # 1941181- Enhanced Electronic Cooling via 3D Printing from Additive Laser Fabrication of Heat Removal Devices	National Science Foundation	25%	\$12,500	1/1/2023	4/30/2023
Changhong Ke	Collaborative Research: Towards Tunable Nanomechanical Systems: Elucidating the Interfacial Mechanics in Twisted 2D Atomic Crystal Sheets	National Science Foundation	100%	\$392,139	7/15/2023	7/14/2026
Dehao Liu	R01:Measuring and mapping the multiscale anisotropy of human brain white matter	National Institutes of Health	10%	\$140,192	7/1/2023	6/30/2027

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Guangwen Zhou	MRI: Acquisition of Electron Energy Loss Spectroscopy for and Materials Science and Life Science Research	National Science Foundation	10%	\$99,900	8/1/2022	7/31/2025
Guangwen Zhou	Design, Synthesis, and Assembly of Biomimetic Materials with Novel Functionality	Pacific Northwest National Laboratory	100%	\$95,267	1/1/2023	9/30/2024
Guangwen Zhou	Atomistic mechanisms and dynamics of hydrogen-based reduction of iron ores	National Science Foundation	100%	\$349,694	5/1/2023	4/30/2026
Guangwen Zhou	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	14%	\$2,520,000	7/1/2023	6/30/2029
Junghyun Cho	Mechanistic Understanding of the Cu/Oxide Hybrid Bonding	SUNY Central Administration	100%	\$100,000	9/1/2022	8/31/2023
Kaiyan Yu	Ray-F2R-FL: Ray-based Functional Regression with Federated Learning	SUNY Central Administration	20%	\$20,000	1/1/2023	12/31/2023
Mirjalil Razaviaghjeh	CAREER: Multiscale Mechanics of Brain Folding in Health and Disease	National Science Foundation	100%	\$547,436	1/1/2023	12/31/2027
Mirjalil Razaviaghjeh	R01:Unraveling the Mechanics of Cortical Folding and Its Alteration in ASD	National Institutes of Health	100%	\$2,682,642	9/1/2023	8/31/2028
Mirjalil Razaviaghjeh	R01:Measuring and mapping the multiscale anisotropy of human brain white matter	National Institutes of Health	50%	\$700,962	7/1/2023	6/30/2027
Mirjalil Razaviaghjeh	Prediction and retrieval of human cortical folding patterns	National Institutes of Health	50%	\$195,925	7/1/2023	6/30/2025
Mohammad Younis	Tunable, Multi-Threshold, and Energy-Efficient Head Impact Micro Switches	National Science Foundation	100%	\$449,446	6/1/2023	5/31/2026
Mohammad Younis	Collaborative Research: Data-Driven Models to Identify Physical Features in Dynamic-Based Small-Scale Systems and Enable Novel Gas Sensing Approaches	National Science Foundation	100%	\$450,893	4/1/2023	3/31/2026

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Mohammad Younis	A miniaturized ultra-sensitive and selective breath ketone sensor employing novel nanomaterials and smart MEMS readout techniques for Type 1 diabetes and DKA warning	National Institutes of Health	100%	\$415,833	8/1/2023	7/31/2025
Pu Zhang	Collaborative Research: CDS&E: A symbolic artificial intelligence framework for discovering physically interpretable constitutive laws of soft functional composites	National Science Foundation	100%	\$297,504	5/1/2023	4/30/2026
Pu Zhang	CHIRP: Develop Stretchable and Highly Conductive Composites Based on Copper Nanofiber Scaffolds	Purdue University	100%	\$149,997	1/1/2023	12/31/2025
Ronald Miles	Collaborative Research: Creating a Self-Powered Triboelectric MEMS Microphone	National Science Foundation	50%	\$150,614	9/1/2023	8/31/2026
Scott Schiffres	ENERGETIC: Heterogeneous Integration for High Density System in Package Research	National Science Foundation	100%	\$100,000	1/18/2023	1/17/2025
Scott Schiffres	Direct Two-phase Jet Impingement Cooling with Topology Optimized Surface Engineering and Phase Separation using Additive Manufacturing	Purdue University	100%	\$946,404	7/1/2023	6/30/2026
Scott Schiffres	CHIRP: Experimental Characterization of Thermal Shadowing Effect and AI Driven Optimization of Boiling Enhancement Coatings for Single and Two-Phase Immersion Cooling	Purdue University	33%	\$49,499	1/1/2023	12/31/2025
Scott Schiffres	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	5%	\$900,000	7/1/2023	6/30/2029
Scott Schiffres	SBIR: Enhanced Cu Laser Additive Manufacturing through Innovative Powder Modification	ChromaNano Tech LLC	100%	\$91,407	10/1/2023	9/30/2024
Scott Schiffres	Chip-to-Air Loop Data Center Syphon	Advanced Cooling Technologies	100%	\$297,000	9/1/2023	8/31/2026

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Scott Schiffres	SPRINT Supplement Funding Request - Award # 1941181- Enhanced Electronic Cooling via 3D Printing from Additive Laser Fabrication of Heat Removal Devices	National Science Foundation	50%	\$25,000	1/1/2023	4/30/2023
Seungbae Park	Micro-bump Scaling	SUNY Central Administration	100%	\$100,001	9/1/2022	8/31/2023
Seungbae Park	Investigation of Warpage for 2.5D and Heterogeneously Integrated Package and Its Assemblies	Google LLC	100%	\$100,000	10/13/2022	10/12/2023
Seungbae Park	A Systematic Integration of Reflow and Dispensing Processes with PCB Assembly for Quality Enhancement	Koh Young Technology Incorporated	34%	\$42,500	1/1/2023	12/31/2023
Seungbae Park	Development of Closed-Loop Control and Optimization Modules of the Printed Circuit Board Assembly Processes in Surface Mount Technology	Koh Young Technology Incorporated	34%	\$51,000	1/1/2023	12/31/2023
Shahrzad Towfighian	Collaborative Research: Creating a Self-Powered Triboelectric MEMS Microphone	National Science Foundation	50%	\$150,614	9/1/2023	8/31/2026
Shahrzad Towfighian	Supplement: MEMS High Voltage Triboelectric Levitation: A Generactuator	National Science Foundation	100%	\$74,204	5/31/2023	5/30/2024
Srikanth Rangarajan	CHIRP: Experimental Characterization of Thermal Shadowing Effect and AI Driven Optimization of Boiling Enhancement Coatings for Single and Two-Phase Immersion Cooling	Purdue University	33%	\$49,499	1/1/2023	12/31/2025
Xin Yong	Collaborative Research: A study of the 3D fluid flow of beating eukaryotic flagella	National Science Foundation	100%	\$297,217	3/1/2023	2/28/2026
				Total # Credited	28.30	
				Total \$ Credited	\$15,397,600	

020 Pharmaceutical Sciences

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Aaron Beedle	Synergistic Combination Therapy for DMD	Muscular Dystrophy Association of America	40%	\$120,000	9/1/2023	8/31/2026
Aaron Beedle	Synergistic Combination Therapy for Duchenne Muscular Dystrophy	National Institutes of Health	30%	\$129,525	7/1/2023	6/30/2025
Eric Hoffman	Defining the mechanisms of action of efficacious steroidal drugs: anti-inflammatory and adrenal insufficiency pathways in DMD	Department of Defense (CDMRP)	10%	\$54,892	7/3/2023	7/2/2025
Eric Hoffman	R21: Clinical Trial Readiness for Monitoring Muscle Inflammation in Duchenne Muscular Dystrophy	National Institutes of Health	100%	\$431,929	7/1/2023	6/30/2025
Eric Hoffman	Does vamorolone eplerenone-like activity delay cardiac disease in DMD?	Department of Defense (CDMRP)	100%	\$1,582,031	7/1/2023	6/30/2026
Kanneboyina Nagaraju	Defining the mechanisms of action of efficacious steroidal drugs: anti-inflammatory and adrenal insufficiency pathways in DMD	Department of Defense (CDMRP)	10%	\$54,892	7/3/2023	7/2/2025
Katie Edwards	Synergistic Combination Therapy for DMD	Muscular Dystrophy Association of America	60%	\$180,000	9/1/2023	8/31/2026
Katie Edwards	Impact of Metformin on Vitamin B1 Utilization in Type 2 Diabetes	National Institutes of Health	60%	\$353,250	7/1/2023	6/30/2026
Katie Edwards	Synergistic Combination Therapy for Duchenne Muscular Dystrophy	National Institutes of Health	70%	\$302,225	7/1/2023	6/30/2025
Katie Edwards	FLIPOSspot: A quantitative assay platform to quantify cell-mediated immunity following vaccination or natural exposure to infectious disease	National Institutes of Health	100%	\$431,180	9/1/2023	8/31/2025
Katie Edwards	A bedside test to diagnose subclinical thiamine deficiency in infants	National Institutes of Health	100%	\$453,196	9/1/2023	8/31/2025
L. Nathan Tumey	Optimization of TLR7 ADCs for the Treatment of Cancer	Iksuda Therapeutics Limited	100%	\$447,568	9/1/2022	8/31/2024

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
L. Nathan Tumey	Targeted downregulation of KRAS as a novel therapeutic approach for aggressive ovarian cancer	Department of Defense (CDMRP)	30%	\$282,600	3/1/2023	2/28/2027
L. Nathan Tumey	Equipment supplement request - Legumain - LCMS	National Institute of General Medical Sciences	100%	\$246,658	3/1/2023	2/29/2024
L. Nathan Tumey	Equipment supplement request - Q295 - Bioaccord TOF LCMS	National Institute of General Medical Sciences	100%	\$250,000	3/1/2023	2/29/2024
L. Nathan Tumey	Childcare Supplement: Mitigating ADA Through Site-specific Conjugation Technology	National Institutes of Health	100%	\$7,500	12/8/2022	12/7/2025
L. Nathan Tumey	Establishing near-UV SRS for highly sensitive bioimaging	National Institutes of Health	20%	\$118,646	12/1/2023	11/30/2026
L. Nathan Tumey	Optimization of TLR7 ADCs for the Treatment of Cancer	Heidelberg Pharma Research GmbH	100%	\$447,568	12/1/2022	11/30/2024
Melissa Morales	Defining the ceramide pathway disturbance in dystrophin-deficiency (mouse and human), and treatment response in DMD patients treated with prednisone or vamorolone.	Foundation to Eradicate Duchenne	100%	\$68,585	1/1/2023	12/31/2023
Melissa Morales	Testing the efficacy of Deucravacitinib on inhibiting the type I interferon pathway in a mouse model of juvenile myositis	Harmony 4 Hope	100%	\$20,000	2/1/2023	1/31/2024
Melissa Morales	Defining the mechanisms of action of efficacious steroidal drugs: anti-inflammatory and adrenal insufficiency pathways in DMD	Department of Defense (CDMRP)	70%	\$384,245	7/3/2023	7/2/2025
Melissa Morales	Using myeloid-derived suppressor cells to block antigen specific immune response after gene therapy in DMD	Muscular Dystrophy Association of America	100%	\$200,000	11/1/2022	10/31/2024
Tao Zhang	Novel Formulation Technology to Enhance Oral Absorption of Water-insoluble Drugs	University of North Texas Health Science Center	100%	\$24,577	7/1/2022	6/30/2025
Tao Zhang	Understand Drug Distribution to Tissues to Advance Whole Body Pharmacokinetics	National Institute of General Medical Sciences	100%	\$1,928,300	1/1/2024	12/31/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Tao Zhang	Application of IVIVE and PBPK to Predict Drug Secretion into Breast Milk	National Institutes of Health	100%	\$424,302	7/1/2023	6/30/2025
Tao Zhang	Broccoli sprouts derived exosomes as a natural nanomedicine improve the targeted delivery and therapeutic efficacy of bioactives against colon inflammation	University of Maine at Orono	100%	\$49,999	6/1/2023	5/31/2025
Tao Zhang	Harnessing gut microbiota to reduce inflammation using broccoli-sprout diets	University of Maine at Orono	100%	\$14,682	9/1/2022	8/31/2025
Tao Zhang	Characterizing the sources and functionality of bioactive microbial metabolites of glucosinolates impacting colonic inflammation	University of Maine at Orono	100%	\$235,500	12/1/2023	11/30/2028
Tracy Brooks	Cannabinoid mediated effects on vincristine efficacy and CIPN	National Cancer Institute	100%	\$431,750	1/1/2024	12/31/2025
Tracy Brooks	Targeted downregulation of KRAS as a novel therapeutic approach for aggressive ovarian cancer	Department of Defense (CDMRP)	70%	\$659,400	3/1/2023	2/28/2027
Yetrib Hathout	Defining the mechanisms of action of efficacious steroidal drugs: anti-inflammatory and adrenal insufficiency pathways in DMD	Department of Defense (CDMRP)	10%	\$54,892	7/3/2023	7/2/2025
Yuan Fang	Multi-omics analyses of lipidomics, proteomics, and mRNA profiles in Duchenne Muscular Dystrophy	Foundation to Eradicate Duchenne	100%	\$30,250	1/1/2023	12/31/2023
				Total # Credited	24.80	
				Total \$ Credited	\$10,420,142	

020 Philosophy

Maxim Pensky	Collaborative Research: GCR: Using Convergent Modeling to Enhance Online Collective Action for Sustainable Offline Communities	National Science Foundation	14%	\$255,628	9/1/2023	8/31/2028
				Total # Credited	0.14	
				Total \$ Credited	\$255,628	

<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 Physics						
Ana Laura Elias	CAREER: Moir? Heterobilayers Prepared in a Single Chemical Vapor Deposition Reaction	National Science Foundation	100%	\$720,226	2/1/2023	1/31/2028
Jeffrey Mativetsky	R21: Mask-integrated Respiratory Health Monitoring	National Institutes of Health	50%	\$213,243	4/1/2023	3/31/2025
Manuel Smeu	Center FOR Chemical Electrodecarbonization (C-FORCE)	New York University	100%	\$749,995	9/1/2023	8/31/2028
			Total # Credited	2.50		
			Total \$ Credited	\$1,683,464		

020 Physics Applied Physics & Astronomy

Alexey Kolmogorov	NSF Collaborative: Ab Initio Engineering of Doped-Covalent-Bond Superconductors	National Science Foundation	50%	\$220,189	9/1/2023	8/31/2026
Ana Laura Elias	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Bonggu Shim	Time-resolved, wavelength-dependent high-order harmonic generation from exploding atomic clusters	US Air Force Office of Scientific Research	100%	\$477,285	5/15/2023	5/14/2026
Elena Margine	NSF Collaborative: Ab Initio Engineering of Doped-Covalent-Bond Superconductors	National Science Foundation	50%	\$220,189	9/1/2023	8/31/2026
Eric Cotts	CHIRP: Prediction of Failure Times during Current Stressing of SnBi-based solder joints as a function of Current Density, Solder Composition, Temperature, Solder Joint Height and Metallization Chemistry	Purdue University	100%	\$149,997	1/1/2023	12/31/2025
Jeffrey Mativetsky	Collaborative Research: Wearable, Situation-aware Respiratory Health Monitoring	National Science Foundation	50%	\$199,596	2/1/2023	1/31/2026

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Jeffrey Mativetsky	Universal Instruments Sponsored Research Agreement FP10153	Universal Instruments Corporation	100%	\$36,000	2/1/2022	1/31/2023
Manuel Smeu	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Manuel Smeu	GCR: Flexible and Low Cost Lead-Free Perovskite Solar Cells	National Science Foundation	15%	\$540,000	9/1/2023	8/31/2028
Pegor Aynajian	Visualizing emergent electronic states in correlated topological matter	National Science Foundation	100%	\$503,009	7/1/2023	6/30/2026
Wei-Cheng Lee	Collaborative Research: III: Medium: Improving Scalability and Generalizability of Machine Learning in Scientific Systems using Physics Guidance	National Science Foundation	100%	\$299,999	6/1/2023	5/31/2026
				Total # Credited Total \$ Credited	6.71 \$3,726,264	

020 Political Science

Daniel Magleby	NRT: EMERGE: Training next generation applied social scientists through authentic complex systems research	National Science Foundation	11%	\$329,956	6/1/2023	5/31/2028
seden akcinaroglu	State Reliance on Private Military/Security Contractors and the Impact on International Rivalries	University of Maryland	100%	\$49,895	8/1/2023	7/31/2024
				Total # Credited Total \$ Credited	1.11 \$379,851	

020 Psychology

Anushree Karkhanis	Developmental Exposure Alcohol Research Center - Main 1	National Institute for Alcohol Abuse & Alcoholism	30%	\$438,675	9/1/2024	8/31/2029
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Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Anushree Karkhanis	Developmental Exposure Alcohol Research Center - Main 5	National Institute for Alcohol Abuse & Alcoholism	25%	\$358,438	9/1/2024	8/31/2029
Anushree Karkhanis	Developmental Stress Effects on Pallidal Dopamine and Oxycodone Self-administration	National Institute on Drug Abuse	100%	\$423,770	7/1/2023	6/30/2025
Christina Balderrama-Durbin	Multi-site Efficacy Trial of An integrated Brief Alcohol and PTSD Intervention for Veterans in Primary Care	Veterans Health Research Institute of Central New York Incorporated	10%	\$45,389	9/1/2023	8/31/2028
Christopher Bishop	Further improvement and assessment of biological properties of alpha synuclein targeting neuroprotective dopamine agonist D-685	Wayne State University	100%	\$50,000	2/1/2023	1/31/2024
Christopher Bishop	RESUB: F31: Fellowship Support for Ashley Centner: Ectopic Autoregulation of Raphestriatal Dopamine Release in L-DOPA-induced Dyskinesia	National Inst of Neurological Disorders & Stroke	100%	\$65,504	7/1/2023	6/30/2025
Christopher Bishop	F31: Fellowship Support for Ashley Centner: Ectopic Autoregulation of Raphestriatal Dopamine Release in L-DOPA-induced Dyskinesia	National Inst of Neurological Disorders & Stroke	100%	\$65,504	4/1/2023	3/31/2025
Christopher Bishop	Resubmission: BDNF rs6265 Variant and Suboptimal Levodopa Response	Michigan State University	100%	\$562,418	7/1/2023	6/30/2028
Christopher Bishop	Pilot Study With CSTI-200 to Test Efficacy Against L-DOPA-induced Dyskinesia in a Rat Model of Parkinson's Disease	Consynance	100%	\$1,095	12/1/2022	11/30/2023
Christopher Bishop	Maladaptive 5-HT Raphe-Corticolimbic Plasticity Underlying the Development of Non-motor Behavioral Symptoms in Parkinson's Disease	Dignity Health dba St. Joseph's Hospital	100%	\$645,124	4/1/2023	3/31/2027
David Werner	Developmental Exposure Alcohol Research Center - Main 4	National Institute for Alcohol Abuse & Alcoholism	40%	\$584,900	9/1/2024	8/31/2029

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Elena Varlinskaia	RESUB: Impact of prenatal alcohol and methadone exposure on dopamine regulation of BLA plasticity	National Institute for Alcohol Abuse & Alcoholism	5%	\$21,588	7/1/2023	6/30/2025
Elena Varlinskaia	Developmental Exposure Alcohol Research Center - Main 4	National Institute for Alcohol Abuse & Alcoholism	40%	\$584,900	9/1/2024	8/31/2029
Elena Varlinskaia	Impact of prenatal alcohol and methadone exposure on dopamine regulation of BLA plasticity	National Institute for Alcohol Abuse & Alcoholism	5%	\$21,588	4/1/2023	3/31/2025
Elena Varlinskaia	Developmental Exposure Alcohol Research Center - Main 3	National Institute for Alcohol Abuse & Alcoholism	10%	\$146,225	9/1/2024	8/31/2029
Emily Zale	A Novel Intervention to Increase Enrollment and Retention in a Rural Diabetes Self-Management Program	Bassett Healthcare	100%	\$50,135	4/1/2023	3/31/2025
Emily Zale	The gut microbiota as a link between alcohol and pain sensitivity	National Institute for Alcohol Abuse & Alcoholism	50%	\$908,322	12/1/2023	11/30/2028
Emily Zale	Common but Forgotten: Examining Temporal Associations between Menstrual Pain and E-Cigarette Use among Emerging Adults	National Institute on Drug Abuse	100%	\$418,070	9/1/2023	8/31/2025
Florence Varodayan	Neuroimmune mechanisms of adult chronic ethanol consumption	National Institute for Alcohol Abuse & Alcoholism	100%	\$423,770	7/1/2023	6/30/2025
Florence Varodayan	Developmental Exposure Alcohol Research Center - Main 4	National Institute for Alcohol Abuse & Alcoholism	20%	\$292,450	9/1/2024	8/31/2029
James Jentsch	Developmental Exposure Alcohol Research Center - Main 1	National Institute for Alcohol Abuse & Alcoholism	70%	\$1,023,575	9/1/2024	8/31/2029
James Jentsch	Developmental Exposure Alcohol Research Center - Pilot Project Core	National Institute for Alcohol Abuse & Alcoholism	50%	\$346,975	9/1/2024	8/31/2029

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
James Jentsch	Computational Methods for Identification of Genetic Factors Affecting the Response to Drug Abuse	Stanford University	100%	\$628,000	4/1/2023	3/31/2028
Jennifer Gillis Mattson	BRCASD 2022-2023	University at Albany	100%	\$55,000	7/1/2022	6/30/2023
Kenneth Kurtz	Collaborative Research: Improving STEM-Based Learning through the Use of Category Learning	National Science Foundation	100%	\$242,144	1/1/2023	12/31/2025
Lisa Savage	Developmental Exposure Alcohol Research Center - Pilot Project Core	National Institute for Alcohol Abuse & Alcoholism	50%	\$346,975	9/1/2024	8/31/2029
Lisa Savage	Developmental Exposure Alcohol Research Center - Main 2	National Institute for Alcohol Abuse & Alcoholism	100%	\$1,462,250	9/1/2024	8/31/2029
Lisa Savage	Developmental Exposure Alcohol Research Center - Admin Core	National Institute for Alcohol Abuse & Alcoholism	10%	\$98,125	9/1/2024	8/31/2029
Lisa Savage	Supplement to Promote Diversity for S. Day: Recovery of Adolescent Alcohol Disruption of Basal Forebrain-Cortical Projection Circuits	National Institute for Alcohol Abuse & Alcoholism	100%	\$311,691	2/1/2023	1/31/2026
Lisa Savage	Reversible HMGB1-Epigenetic Silencing of Neuronal Phenotype	University of North Carolina at Chapel Hill	100%	\$197,688	9/1/2026	8/31/2028
Marvin Diaz	Impact of prenatal alcohol and methadone exposure on dopamine regulation of BLA plasticity	National Institute for Alcohol Abuse & Alcoholism	95%	\$410,163	4/1/2023	3/31/2025
Marvin Diaz	Developmental Exposure Alcohol Research Center - Main 5	National Institute for Alcohol Abuse & Alcoholism	75%	\$1,075,313	9/1/2024	8/31/2029
Marvin Diaz	F32: Fellowship support for Kelcie Schatz: Impact of Prenatal Alcohol Exposure on CRF1R Mediated Neural Mechanisms and Social Behavior	National Institute for Alcohol Abuse & Alcoholism	100%	\$135,164	7/1/2023	6/30/2025

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Marvin Diaz	RESUB: Impact of prenatal alcohol and methadone exposure on dopamine regulation of BLA plasticity	National Institute for Alcohol Abuse & Alcoholism	95%	\$410,163	7/1/2023	6/30/2025
Meredith Coles	Resubmission: Using EMA and Real-Time Smartphone Data to Assess Ruminative Negative Thinking and Sleep Disturbance as Risk Factors for Anxiety and Depression	University of Pennsylvania	100%	\$1,132,080	7/1/2023	6/30/2027
Nadine Mastroleo	R21: Sensing Multi-modal Dyadic Processes in Motional Interviewing	National Institutes of Health	15%	\$62,711	8/1/2023	7/31/2025
Nadine Mastroleo	Resubmission: Friend-based Motivational Intervention to Reduce Alcohol-Involved Sexual Assault Risk on College Campuses	SUNY at Buffalo	100%	\$112,165	7/1/2023	6/30/2028
Nadine Mastroleo	Multi-site Efficacy Trial of An integrated Brief Alcohol and PTSD Intervention for Veterans in Primary Care	Veterans Health Research Institute of Central New York Incorporated	90%	\$408,503	9/1/2023	8/31/2028
Richard Mattson	F31: Fellowship Support for Michael Shaw: Dating, Literary Sexual Encounters, and Brain Stimulation Study	National Institute of Mental Health	100%	\$32,752	7/1/2023	6/30/2024
Richard Mattson	R21: Sensing Multi-modal Dyadic Processes in Motional Interviewing	National Institutes of Health	35%	\$146,325	8/1/2023	7/31/2025
Stefania Conte	R00: The Development of Face-Processing Abilities in Infants: Structural and Functional Brain Changes During the First Year of Life	Eunice Kennedy Shriver National Institute of Child Health & Human Dev	100%	\$747,000	1/6/2023	1/5/2026
Terrence Deak	Developmental Exposure Alcohol Research Center - Admin Core	National Institute for Alcohol Abuse & Alcoholism	90%	\$883,125	9/1/2024	8/31/2029
Terrence Deak	NYSTAR Matching Grants Program: DEARC	Empire State Development Corp	100%	\$1,000,000	9/1/2024	8/31/2029
Terrence Deak	Developmental Exposure Alcohol Research Center - Main 3	National Institute for Alcohol Abuse & Alcoholism	90%	\$1,316,025	9/1/2024	8/31/2029

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Thomas Harding	Clinical Placement Agreement Between Children's Home of Wyoming Conference and The Research Foundation for the State University of New York	Childrens Home of Wyoming Conference	100%	\$12,001	8/1/2022	7/31/2023
Thomas Harding	Clinical Placement Agreement Between United Health Services Hospitals and The Research Foundation for the State University of New York	United Health Services Hospitals Incorporated	100%	\$23,000	8/12/2022	8/11/2023
				Total # Credited	34.00	
				Total \$ Credited	\$18,726,774	

020 Public Archaeology Facility

Laurie Miroff	St. Regis River Solar	LaBella Associates	100%	\$5,049	8/4/2022	8/3/2023
Laurie Miroff	Phase 1 Archaeological Survey, 90 Temple Street Project, Village of Owego, Tioga County	Village of Owego	100%	\$2,093	9/29/2022	9/28/2023
Laurie Miroff	Phase 1A/1B Archaeological Survey- Indigenous Monitor Costs, Owego Creek Streambank Protection Project, Town of Owego, Tioga County, New York	Tioga County Soil and Water Conservation District	100%	\$392	8/9/2022	8/8/2023
Laurie Miroff	Phase 1A/1B Archaeological Survey, Owego Creek Streambank Protection Project	Tioga County Soil and Water Conservation District	100%	\$3,065	8/1/2022	7/31/2023
Laurie Miroff	Phase 1B Archaeological Addendum Survey (Option 1: All Subsurface Testing), Frank Long Road Solar Project, Town of Pompey, Onondaga County, New York	Seaboard Solar	100%	\$14,817	8/1/2022	7/31/2023
Laurie Miroff	Phase 1A/1B Archaeological Survey, Lower Maple Ave Solar Project	Renovus Solar	100%	\$3,219	7/28/2022	7/27/2023
Laurie Miroff	Phase 1A Archaeological Assessment, Riga Solar Project (22PR05328)	Liberty Power	100%	\$2,754	9/27/2022	9/26/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Laurie Miroff	Phase 1B Archaeological Survey, Riga Solar Project Village, Churchville, Monroe County, New York	Liberty Power	100%	\$9,203	2/1/2023	1/31/2024
Laurie Miroff	Phase 1B Archaeological Survey, Riga Solar Project, Village of Churchville, Monroe County, New York	Liberty Power	100%	\$2,691	11/18/2022	11/17/2023
Laurie Miroff	Scotch Ridge Solar Project, Phase 1A Archaeological Assessment - Revision	LaBella Associates	100%	\$1,074	10/26/2022	10/25/2023
Laurie Miroff	Phase 1B Archaeological Survey, Buffalo State Campus, City of Buffalo, Erie County, New York	C&S Companies	100%	\$2,985	11/18/2022	11/17/2023
Laurie Miroff	Phase 1A Archaeological Assessment, Medina High Wall and Art Route, Village of Medina, Orleans County, NY	Interboro Partners	100%	\$4,198	10/18/2022	10/17/2023
Laurie Miroff	Phase 1A Archaeological Assessment, Buffalo State College Campus Project	C and S Engineering	100%	\$2,482	8/26/2022	8/25/2023
Laurie Miroff	Cultural Resource Screening (FCC 621), Yates County South Hill Tower Project, Town of Middlesex, Yates County, New York	C&S Companies	100%	\$1,723	10/13/2022	10/12/2023
Laurie Miroff	Phase 1A/1B Archaeological Survey (all subsurface testing - STPs of project area), Avon CSG 2 LLC Solar Project, Town of Avon, Livingston County, New York	C&S Companies	100%	\$16,008	10/19/2022	10/18/2023
Laurie Miroff	Cultural Resource Screening (FCC 620), Hamilton County 911 Cell Tower Projects- Morehouse and Arietta, Hamilton County, New York	C&S Companies	100%	\$5,080	10/25/2022	10/24/2023
Laurie Miroff	Cultural Resource Screening, Ulster Tonche Site Tower Project, Town of Shokan, Ulster County, NY	C&S Companies	100%	\$2,703	1/30/2023	1/29/2024
Laurie Miroff	Phase 1A/1B Archaeological Survey, Munro Road Storage Project, Town of Camillus, Onondaga County, NY	Onondaga County Soil and Water Conservation Dist	100%	\$4,900	12/7/2022	12/6/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Laurie Miroff	Phase 1A/1B Archaeological Survey, Palm Tree Estates Project, Town of Avon, Livingston County, New York	C&S Companies	100%	\$9,977	2/21/2023	2/20/2024
Laurie Miroff	Sellu Garage Wetland Permitting	Edgewood Environmental Consulting Limited Liability Corporation	100%	\$2,491	9/28/2022	9/27/2023
Laurie Miroff	Phase 1A/1B Archaeological Survey, Campgrounds at Bethel Woods - Phase 1 Priority Area Project	Bethel Woods Center for the Arts	100%	\$24,072	7/8/2022	7/7/2023
			Total # Credited	21.00		
			Total \$ Credited	\$120,976		

020 Research VP

In-Tae Bae	MRI: Acquisition of Electron Energy Loss Spectroscopy for and Materials Science and Life Science Research	National Science Foundation	70%	\$699,300	8/1/2022	7/31/2025
James Turner	Rapid Multiplexed Infectious Agent Detector (Multi-AD) System	Empire State Development Corp	50%	\$249,688	4/1/2023	3/31/2025
Steven Czarnecki	NSF Engines: Upstate Makes: A Materials Innovation Engine for Manufacturing Sustainability	FuzeHub	100%	\$399,999	7/1/2023	6/30/2025
			Total # Credited	2.20		
			Total \$ Credited	\$1,348,987		

020 School Of Management

Chou-Yu Tsai	Model Development and Data Analysis for "Business Idea Generation process on Entrepreneurship Education 2023"	Waseda University	50%	\$7,500	9/1/2022	8/31/2023
Cynthia Maupin	Collaborative Research: CCRI: Grand: A Large-Scale Multimodal Human Social Interaction Data Warehouse	National Science Foundation	30%	\$556,632	9/1/2022	8/31/2027

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Jinglu Jiang	CAREER: Standard-Setting as an Institutionalization Process: Firm Participation, SSO Governance, and Socioeconomic Outcomes	National Science Foundation	100%	\$400,000	2/1/2023	1/31/2028
Shelley Dionne	Model Development and Data Analysis for "Business Idea Generation process on Entrepreneurship Education 2023"	Waseda University	50%	\$7,500	9/1/2022	8/31/2023
			Total # Credited	2.30		
			Total \$ Credited	\$971,632		

020 School Of Management Acad

Chou-Yu Tsai	Model Development and Data Analysis for Business Idea Generation Process on Entrepreneurship Education FY 2022	Kanagawa University of Human Services	100%	\$13,460	12/1/2022	11/30/2023
Jinglu Jiang	Stomp Out Stigma: Combat Provocative Content Consumption through Inclusive Design	Meta Platforms Technologies Limited Liability Corporation	100%	\$50,000	12/1/2022	11/30/2023
Jinglu Jiang	Engaging Users in Fact-Checking: An Attentional Control Perspective to Reduce Misinformation Harms	Meta Platforms Technologies Limited Liability Corporation	50%	\$50,000	2/1/2023	1/31/2024
Shelley Dionne	NRT: EMERGE: Training next generation applied social scientists through authentic complex systems research	National Science Foundation	11%	\$329,956	6/1/2023	5/31/2028
Surinder Kahai	Engaging Users in Fact-Checking: An Attentional Control Perspective to Reduce Misinformation Harms	Meta Platforms Technologies Limited Liability Corporation	50%	\$50,000	2/1/2023	1/31/2024
			Total # Credited	3.11		
			Total \$ Credited	\$493,416		

020 Student Affairs V P

Barrett Brenton	Collaborative Research: GCR: Using Convergent Modeling to Enhance Online Collective Action for Sustainable Offline Communities	National Science Foundation	13%	\$237,369	9/1/2023	8/31/2028
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Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
			Total # Credited	0.13		
			Total \$ Credited	\$237,369		
020 Systems Science and Indust Eng (SSIE)						
Bing Si	CAREER: Transfer Learning for Probabilistic Clustering of High-dimensional Heterogeneous Data in Multi-source Complex Systems	National Science Foundation	100%	\$503,098	1/1/2023	12/31/2027
Bing Si	Ray-F2R-FL: Ray-based Functional Regression with Federated Learning	SUNY Central Administration	80%	\$80,000	1/1/2023	12/31/2023
Changqing Cheng	Optimal Learning for Topology Design of Dynamic Transport Networks	Meta Platforms Incorporated	100%	\$50,000	1/1/2023	12/31/2023
Changqing Cheng	Small Data Learning in Early Detection of Atrial Fibrillation	Sony Corporation	100%	\$100,000	1/1/2023	12/31/2023
Changqing Cheng	Optimal Learning and Control towards Resilient and Sustainable Distributed Manufacturing Systems	FACE Foundation	100%	\$10,000	10/1/2022	9/30/2024
Chao Shi	A comparison of motor and cognitive performance in a driving simulator among young adults following mTBI	Sony Corporation	50%	\$50,000	1/1/2022	12/31/2022
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	40%	\$163,124	12/1/2023	11/30/2025
Christopher Greene	Quality and Reliability Engineering for Complex Surface Mount Devices	Smart Modular Technologies Inc	50%	\$13,029	8/16/2022	12/15/2022
Christopher Greene	Advanced Assembly Process Research and Development for Complex Surface Mount Device	Smart Modular Technologies Inc	50%	\$34,993	9/26/2022	9/25/2023
Christopher Greene	Continuous Process Improvement for Advanced Complex Surface Mount Devices	Smart Modular Technologies Inc	50%	\$34,993	9/26/2022	9/25/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Congyu Wu	R21: Sensing Multi-modal Dyadic Processes in Motional Interviewing	National Institutes of Health	45%	\$188,132	8/1/2023	7/31/2025
Congyu Wu	Center to Advance Mobility Equity through Coordination, Assessment, Research, and Enhancement (Equity-CARE)	US Department of Transportation	100%	\$624,995	11/15/2022	11/14/2027
Daehan Won	Performance Improvement of Clinical Practices and Operations Research 2022-23	LiveOnNY	25%	\$15,633	5/16/2022	5/15/2023
Daehan Won	CAREER: Data-driven Approaches in Autism Spectrum Disorder	National Science Foundation	100%	\$500,000	2/1/2023	1/31/2028
Daehan Won	A Systematic Integration of Reflow and Dispensing Processes with PCB Assembly for Quality Enhancement	Koh Young Technology Incorporated	33%	\$41,250	1/1/2023	12/31/2023
Daehan Won	Development of Closed-Loop Control and Optimization Modules of the Printed Circuit Board Assembly Processes in Surface Mount Technology	Koh Young Technology Incorporated	33%	\$49,500	1/1/2023	12/31/2023
Daryl Santos	Process Development and Improvement for New Product Introductions in Electronics Assembly	Foxconn Assembly Limited Liability Company	33%	\$23,934	8/1/2022	7/31/2023
Daryl Santos	Process Engineering and NPI Support in Electronics Assembly	Foxconn Assembly Limited Liability Company	33%	\$22,936	8/22/2022	8/21/2023
Daryl Santos	Applied Research in Project Management and Reliability Engineering for Computer Servers in the Hyper-Scale Cloud Service Provider Domain	PCE Paragon Solutions USA Incorporated	33%	\$67,338	8/22/2022	8/21/2023
Fuda Ning	Research in Manufacturing Engineering at a New Product Introduction Facility	Sanmina Corporation	50%	\$33,613	8/29/2022	8/28/2023
Fuda Ning	Manufacturing Process Design & Quality Inspection R&D at a New Product Introduction Facility	Sanmina Corporation	50%	\$33,613	1/19/2023	1/18/2024
Fuda Ning	Research in Quality Management in Electronics Manufacturing and Packaging	Sanmina Corporation	50%	\$33,613	11/28/2022	11/27/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Fuda Ning	Research in Electronics Manufacturing at a New Product Introduction Facility	Sanmina Corporation	50%	\$33,613	11/22/2022	11/21/2023
Fuda Ning	Research in Automation Software Engineering for Electronics Packaging	Sanmina Corporation	50%	\$33,613	11/30/2022	11/29/2023
Fuda Ning	Research in Manufacturing Engineering at a Surface Mounting Technology Company	Sanmina Corporation	50%	\$33,613	8/29/2022	8/28/2023
Fuda Ning	Collaborative Research: Establishing a Junior-to-Senior Level Hybrid Additive Manufacturing Course and Laboratory for Improving Undergraduate STEM Education	National Science Foundation	100%	\$99,500	2/1/2023	1/31/2026
Fuda Ning	CAREER: Directed Energy Deposition Additive Manufacturing of Composites through Simultaneous Coaxial Wire-Powder Feeding	National Science Foundation	100%	\$535,380	3/1/2023	2/29/2028
Fuda Ning	Research in Electronics Manufacturing and Automation Engineering	Sanmina Corporation	50%	\$33,613	11/1/2022	10/31/2023
Hiroki Sayama	Collaborative Research: GCR: Using Convergent Modeling to Enhance Online Collective Action for Sustainable Offline Communities	National Science Foundation	13%	\$237,369	9/1/2023	8/31/2028
Hiroki Sayama	Juxtaware: Automated Situational Awareness for Collaboration of Mobile Human Groups	Technergetics, LLC	100%	\$24,999	6/1/2023	5/31/2024
Hiroki Sayama	R21: Sensing Multi-modal Dyadic Processes in Motional Interviewing	National Institutes of Health	5%	\$20,904	8/1/2023	7/31/2025
Hiroki Sayama	Developing a Location-Aware Information Integration Platform with TAK and ML	Cornell University	100%	\$25,000	1/1/2023	12/31/2023
Hiroki Sayama	NRT: EMERGE: Training next generation applied social scientists through authentic complex systems research	National Science Foundation	11%	\$329,956	6/1/2023	5/31/2028
Jia Deng	CAREER: Probe-Based Hybrid Nanopatterning of Conductive Polymers	National Science Foundation	100%	\$612,501	7/1/2023	6/30/2028

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Krishnaswami Sihari	Quality and Reliability Engineering for Complex Surface Mount Devices	Smart Modular Technologies Inc	50%	\$13,029	8/16/2022	12/15/2022
Krishnaswami Sihari	Developing a Predictive Model of Used Equipment Fair Market Value to Optimize Residual Setting (2022-2023 AMD 1)	Raymond Leasing Corporation	34%	\$20,295	8/16/2022	8/15/2023
Krishnaswami Sihari	Paratemporal Simulation with Uncertainty Quantification	RTSync Corporation	33%	\$17,842	12/1/2022	11/30/2023
Krishnaswami Sihari	Research in Manufacturing Engineering at a New Product Introduction Facility	Sanmina Corporation	50%	\$33,613	8/29/2022	8/28/2023
Krishnaswami Sihari	Research in Manufacturing Engineering at a Surface Mounting Technology Company	Sanmina Corporation	50%	\$33,613	8/29/2022	8/28/2023
Krishnaswami Sihari	Process Engineering and Development at an Electronics Manufacturing and Packaging Company	Sanmina Corporation	100%	\$134,452	10/24/2022	10/23/2023
Krishnaswami Sihari	Research in Electronics Manufacturing and Automation Engineering	Sanmina Corporation	50%	\$33,613	11/1/2022	10/31/2023
Krishnaswami Sihari	Research in Automation Software Engineering for Electronics Packaging	Sanmina Corporation	50%	\$33,613	11/30/2022	11/29/2023
Krishnaswami Sihari	Research in Electronics Manufacturing at a New Product Introduction Facility	Sanmina Corporation	50%	\$33,613	11/22/2022	11/21/2023
Krishnaswami Sihari	Manufacturing Process Design & Quality Inspection R&D at a New Product Introduction Facility	Sanmina Corporation	50%	\$33,613	1/19/2023	1/18/2024
Krishnaswami Sihari	Test Engineering Research and Development Support for Smart Modular Technologies	Smart Modular Technologies Inc	100%	\$69,985	8/29/2022	8/28/2023
Krishnaswami Sihari	Advanced Assembly Process Research and Development for Complex Surface Mount Device	Smart Modular Technologies Inc	50%	\$34,993	9/26/2022	9/25/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Krishnaswami Srihari	Continuous Process Improvement for Advanced Complex Surface Mount Devices	Smart Modular Technologies Inc	50%	\$34,993	9/26/2022	9/25/2023
Krishnaswami Srihari	Continuous Performance Improvement and System Modeling Support for TidalHealth AMD 2	TidalHealth	50%	\$22,637	12/10/2022	8/9/2023
Krishnaswami Srihari	Business Intelligence and Performance Improvement R&D (2022-2023)	United Health Services Hospitals Incorporated	50%	\$80,773	8/22/2022	8/21/2023
Krishnaswami Srihari	Supporting Continuous Improvement Team's Effort in the Project RESET	Raymond Corporation	34%	\$20,295	2/13/2023	2/12/2024
Krishnaswami Srihari	Performance Improvement Initiatives for Northwell Health Central Region Ambulatory Operations	Northwell Health	50%	\$34,879	2/20/2023	2/19/2024
Krishnaswami Srihari	Research in Quality Management in Electronics Manufacturing and Packaging	Sanmina Corporation	50%	\$33,613	11/28/2022	11/27/2023
Krishnaswami Srihari	Warehouse Operations Management and Analytics Research and Development (AMD 2)	Bennett Distribution Services Limited Liability Corporation	34%	\$23,104	2/6/2023	2/5/2024
Krishnaswami Srihari	Packaging System Design R&D and Engineering Support	Analog Devices, Incorporated	100%	\$139,970	1/16/2023	1/15/2024
Krishnaswami Srihari	Inventory Optimization and Process Automation for Raymond Logistics	Raymond Corporation	34%	\$20,295	8/15/2022	8/14/2023
Krishnaswami Srihari	Warehouse Operations Management and Analytics Research and Development	Bennett Distribution Services Limited Liability Corporation	34%	\$24,217	1/30/2023	1/29/2024
Krishnaswami Srihari	Data Analytics for Process Evaluation and Daily Process Automation in Raymond Logistics AMD 1	Raymond Corporation	34%	\$7,048	8/16/2022	12/15/2022
Krishnaswami Srihari	Application Engineering Support for Technical Solutions in Battery Energy Storage Systems AMD 2 Spring 2023	EOS Energy Enterprises	50%	\$13,591	1/1/2023	5/31/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Krishnaswami Srihari	Healthcare Practice Research and Development through Operational Planning and Simulation Modeling (AMD 2)	EwingCole	50%	\$1,925	2/1/2023	1/31/2024
Krishnaswami Srihari	Process Development and Improvement for New Product Introductions in Electronics Assembly	Foxconn Assembly Limited Liability Company	34%	\$24,660	8/1/2022	7/31/2023
Krishnaswami Srihari	Process Engineering and NPI Support in Electronics Assembly	Foxconn Assembly Limited Liability Company	34%	\$23,631	8/22/2022	8/21/2023
Krishnaswami Srihari	Advanced Data Analytics and Performance Improvement Support for Holy Name Medical Center	Holy Name Medical Center	50%	\$34,886	1/23/2023	1/22/2024
Krishnaswami Srihari	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement	Kennedy Valve Company	25%	\$29,411	9/19/2022	9/18/2023
Krishnaswami Srihari	Performance Improvement of Clinical Practices and Operations Research 2022-23	LiveOnNY	25%	\$15,633	5/16/2022	5/15/2023
Krishnaswami Srihari	Improving Quality, Safety, and Patient Flow and Outpatient Medication Management (AMD 6)	Memorial Sloan Kettering Cancer Center	50%	\$67,866	8/22/2022	8/21/2023
Krishnaswami Srihari	Business Process Engineering Support for Network Management Systems CMO (AMD 24)	Montefiore Hospital and Medical Center	33%	\$21,687	8/22/2022	8/21/2023
Krishnaswami Srihari	Process Analysis and Performance Excellence for Integrated Delivery Care Systems (AMD 2)	Montefiore Hospital and Medical Center	34%	\$23,380	8/15/2022	8/14/2023
Krishnaswami Srihari	Applied Research in Project Management and Reliability Engineering for Computer Servers in the Hyper-Scale Cloud Service Provider Domain	PCE Paragon Solutions USA Incorporated	34%	\$69,379	8/22/2022	8/21/2023
Krishnaswami Srihari	Development of a Virtual Environment for Pharmacy Automation Systems for Software Testing, Training and Marketing Purposes (AMD 1 22-23)	Innovation Associates Doing Business As iA	34%	\$25,780	8/15/2022	8/14/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Mark Poliks	Direct Write Electronics AM Electronics Testing PDRD	Honeywell Federal Manufacturing & Technologies LLC	100%	\$150,000	1/1/2023	8/31/2023
Mark Poliks	Robust Conformal Interconnections for Flexible Textiles and Skin Patch Electronic Sensor Systems. (Sunray Scientific Air Force SBIR TACFI Program)	SunRay Scientific LLC	100%	\$60,000	9/1/2022	11/30/2023
Mark Poliks	Project STEAM PIPE - Strategic Transition of microElectronics to Accelerate Modernization by Prototyping and Innovating in the Packaging Ecosystem (Sub-in)	Optomec Incorporated	100%	\$500,000	7/1/2023	6/30/2025
Mark Poliks	GCR: Flexible and Low Cost Lead-Free Perovskite Solar Cells	National Science Foundation	15%	\$540,000	9/1/2023	8/31/2028
Mark Poliks	NSF Engines: Type-1: Environmental, Biochemical and Wearable Sensors in New York State Region (Sub-in from CUNY)	City University of New York	100%	\$95,000	5/1/2023	4/30/2025
Mark Poliks	Direct-Write Conformal Multi-Layer Sensor for SoC-BGA Component on Board	Lockheed Martin	100%	\$150,000	11/1/2022	10/31/2023
Mark Poliks	S2MARTS AMP for HMP for Hardware for State University of New York	General Electric Global Research	100%	\$225,000	1/1/2023	9/30/2024
Mark Poliks	Rapid Multiplexed Infectious Agent Detector (Multi-AD) System	Empire State Development Corp	50%	\$249,688	4/1/2023	3/31/2025
Mark Poliks	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Mohammad Khasawneh	Process Development and Improvement for New Product Introductions in Electronics Assembly	Foxconn Assembly Limited Liability Company	33%	\$23,934	8/1/2022	7/31/2023
Mohammad Khasawneh	Continuous Performance Improvement and System Modeling Support for TidalHealth AMD 2	TidalHealth	50%	\$22,637	12/10/2022	8/9/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Mohammad Khasawneh	Ankti Bansal: Collaborative Research: D-ISN: Disrupting West Virginia's opioid crisis: a multi-disciplinary approach through interdiction and harm reduction	National Science Foundation	100%	\$307,433	1/1/2023	12/31/2026
Mohammad Khasawneh	Paratemporal Simulation with Uncertainty Quantification	RTSync Corporation	33%	\$17,842	12/1/2022	11/30/2023
Mohammad Khasawneh	Business Intelligence and Performance Improvement R&D (2022-2023)	United Health Services Hospitals Incorporated	50%	\$80,773	8/22/2022	8/21/2023
Mohammad Khasawneh	Applied Research in Project Management and Reliability Engineering for Computer Servers in the Hyper-Scale Cloud Service Provider Domain	PCE Paragon Solutions USA Incorporated	33%	\$67,338	8/22/2022	8/21/2023
Mohammad Khasawneh	Performance Improvement Initiatives for Northwell Health Central Region Ambulatory Operations	Northwell Health	50%	\$34,879	2/20/2023	2/19/2024
Mohammad Khasawneh	Business Process Engineering Support for Network Management Systems CMO (AMD 24)	Montefiore Hospital and Medical Center	34%	\$22,344	8/22/2022	8/21/2023
Mohammad Khasawneh	Improving Quality, Safety, and Patient Flow and Outpatient Medication Management (AMD 6)	Memorial Sloan Kettering Cancer Center	50%	\$67,866	8/22/2022	8/21/2023
Mohammad Khasawneh	Performance Improvement of Clinical Practices and Operations Research 2022-23	LiveOnNY	25%	\$15,633	5/16/2022	5/15/2023
Mohammad Khasawneh	Process Engineering and NPI Support in Electronics Assembly	Foxconn Assembly Limited Liability Company	33%	\$22,936	8/22/2022	8/21/2023
Mohammad Khasawneh	Healthcare Practice Research and Development through Operational Planning and Simulation Modeling (AMD 2)	EwingCole	50%	\$1,925	2/1/2023	1/31/2024
Mohammad Khasawneh	Advanced Data Analytics and Performance Improvement Support for Holy Name Medical Center	Holy Name Medical Center	50%	\$34,886	1/23/2023	1/22/2024
Mohammad Khasawneh	Process Analysis and Performance Excellence for Integrated Delivery Care Systems (AMD 2)	Montefiore Hospital and Medical Center	33%	\$22,693	8/15/2022	8/14/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Peter Borgesen	CHIRP: Interactions Between Electromigration and Fatigue of Regular and Low Temperature Solder Joints	Purdue University	100%	\$149,997	1/1/2023	12/31/2025
Peter Borgesen	CHIRP: Optimizing Reliability of Solder Joints Reflowed at Temperatures Below 140C	Purdue University	100%	\$149,997	1/1/2023	12/31/2025
Sangwon Yoon	Development of Closed-Loop Control and Optimization Modules of the Printed Circuit Board Assembly Processes in Surface Mount Technology	Koh Young Technology Incorporated	33%	\$49,500	1/1/2023	12/31/2023
Sangwon Yoon	Paratemporal Simulation with Uncertainty Quantification	RTSync Corporation	34%	\$18,382	12/1/2022	11/30/2023
Sangwon Yoon	Developing a Predictive Model of Used Equipment Fair Market Value to Optimize Residual Setting (2022-2023 AMD 1)	Raymond Leasing Corporation	33%	\$19,698	8/16/2022	8/15/2023
Sangwon Yoon	Supporting Continuous Improvement Team's Effort in the Project RESET	Raymond Corporation	33%	\$19,698	2/13/2023	2/12/2024
Sangwon Yoon	Data Analytics for Process Evaluation and Daily Process Automation in Raymond Logistics AMD 1	Raymond Corporation	33%	\$6,841	8/16/2022	12/15/2022
Sangwon Yoon	Performance Improvement of Clinical Practices and Operations Research 2022-23	LiveOnNY	25%	\$15,633	5/16/2022	5/15/2023
Sangwon Yoon	A Systematic Integration of Reflow and Dispensing Processes with PCB Assembly for Quality Enhancement	Koh Young Technology Incorporated	33%	\$41,250	1/1/2023	12/31/2023
Sangwon Yoon	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement	Kennedy Valve Company	25%	\$29,411	9/19/2022	9/18/2023
Sangwon Yoon	Development of a Virtual Environment for Pharmacy Automation Systems for Software Testing, Training and Marketing Purposes (AMD 1 22-23)	Innovation Associates Doing Business As iA	33%	\$25,022	8/15/2022	8/14/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Sangwon Yoon	Warehouse Operations Management and Analytics Research and Development (AMD 2)	Bennett Distribution Services Limited Liability Corporation	33%	\$22,425	2/6/2023	2/5/2024
Sangwon Yoon	Warehouse Operations Management and Analytics Research and Development	Bennett Distribution Services Limited Liability Corporation	33%	\$23,505	1/30/2023	1/29/2024
Sangwon Yoon	Inventory Optimization and Process Automation for Raymond Logistics	Raymond Corporation	33%	\$19,698	8/15/2022	8/14/2023
Sreenath Chalil Madathil	Mobilizing Interdisciplinary Cybersecurity Culture in Early Undergraduate Education	University of Texas at El Paso	100%	\$109,999	4/1/2023	3/31/2025
Susan Shuxia Lu	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Susan Shuxia Lu	GCR: Flexible and Low Cost Lead-Free Perovskite Solar Cells	National Science Foundation	15%	\$540,000	9/1/2023	8/31/2028
Yingge Zhou	3D Printing-Assisted Multi-Scale Channel Vascularized Soft Tissue Scaffolds	National Science Foundation	100%	\$494,002	1/1/2024	12/31/2026
Yingge Zhou	R21: Biofabrication of Hierarchical Vascular Networks with Microtube-Embedded Bioink for 3D Tissue Growth and Maturation	National Institutes of Health	50%	\$293,480	12/1/2023	11/30/2026
Yong Wang	Business Process Engineering Support for Network Management Systems CMO (AMD 24)	Montefiore Hospital and Medical Center	33%	\$21,687	8/22/2022	8/21/2023
Yong Wang	Supporting Continuous Improvement Team's Effort in the Project RESET	Raymond Corporation	33%	\$19,698	2/13/2023	2/12/2024
Yong Wang	Data Analytics for Process Evaluation and Daily Process Automation in Raymond Logistics AMD 1	Raymond Corporation	33%	\$6,841	8/16/2022	12/15/2022
Yong Wang	Developing a Predictive Model of Used Equipment Fair Market Value to Optimize Residual Setting (2022-2023 AMD 1)	Raymond Leasing Corporation	33%	\$19,698	8/16/2022	8/15/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Yong Wang	Process Analysis and Performance Excellence for Integrated Delivery Care Systems (AMD 2)	Montefiore Hospital and Medical Center	33%	\$22,693	8/15/2022	8/14/2023
Yong Wang	Application Engineering Support for Technical Solutions in Battery Energy Storage Systems AMD 2 Spring 2023	EOS Energy Enterprises	50%	\$13,591	1/1/2023	5/31/2023
Yong Wang	Warehouse Operations Management and Analytics Research and Development (AMD 2)	Bennett Distribution Services Limited Liability Corporation	33%	\$22,425	2/6/2023	2/5/2024
Yong Wang	Warehouse Operations Management and Analytics Research and Development	Bennett Distribution Services Limited Liability Corporation	33%	\$23,505	1/30/2023	1/29/2024
Yong Wang	Inventory Optimization and Process Automation for Raymond Logistics	Raymond Corporation	33%	\$19,698	8/15/2022	8/14/2023
Yong Wang	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement	Kennedy Valve Company	25%	\$29,411	9/19/2022	9/18/2023
Yu Jin	Development of a Virtual Environment for Pharmacy Automation Systems for Software Testing, Training and Marketing Purposes (AMD 1 22-23)	Innovation Associates Doing Business As iA	33%	\$25,022	8/15/2022	8/14/2023
Zeynep Ertem	NRT: EMERGE: Training next generation applied social scientists through authentic complex systems research	National Science Foundation	11%	\$329,956	6/1/2023	5/31/2028
Zimo Wang	Support Kennedy Valve in Electronic Information System Implementation and Powder Coating Process Improvement	Kennedy Valve Company	25%	\$29,411	9/19/2022	9/18/2023
Zimo Wang	The explainable long-term forecast interface for prognosis of cardiac dynamic via ECG monitoring scheme	Sony Corporation	100%	\$100,000	6/1/2023	5/31/2024
				Total # Credited	63.23	
				Total \$ Credited	\$12,484,756	

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Bahgat Sammakia	Honeywell 2023-2024 ES2 I/UCRC Membership Agreement	Honeywell International Incorporated	33%	\$16,500	6/1/2023	5/31/2024
Kanad Ghose	Honeywell 2023-2024 ES2 I/UCRC Membership Agreement	Honeywell International Incorporated	34%	\$17,000	6/1/2023	5/31/2024
Meera Sampath	NSF Engines: Type-2: Elevate Upstate	Griffiss Institute	100%	\$2,113,543	6/1/2023	5/31/2025
Miguel Baique	MRSEC: Binghamton Center for Clean Energy Materials Research	National Science Foundation	3%	\$540,000	7/1/2023	6/30/2029
Seungbae Park	Koh Young Full Membership in the IEEC, 2023-24	Koh Young Technology Incorporated	100%	\$60,000	2/1/2023	1/31/2024
Seungbae Park	Universal Instruments Participating Membership in the IEEC, 2023	Universal Instruments Corporation	100%	\$5,000	1/1/2023	12/31/2023
Seungbae Park	Analog Devices membership in the IEEC 2023-24	Analog Devices, Incorporated	100%	\$60,000	2/8/2023	2/7/2024
Seungbae Park	TTM's Participating Membership in the IEEC, 2023-24	TTM Technologies	100%	\$5,000	2/2/2023	2/1/2024
Seungbae Park	Vergason Technology Inc.	Vergason Technology Incorporated	100%	\$5,000	10/1/2022	9/30/2023
Seungbae Park	Sanmina's Participating membership in the IEEC 2023-24	Sanmina Corporation	100%	\$5,000	2/15/2023	2/14/2024
Seungbae Park	Prismark Partners 2022-23 Full Membership in the IEEC	Prismark Partners LLC	100%	\$25,000	9/15/2022	9/14/2023
Seungbae Park	Menlo Microsystem's Participating Membership in the IEEC 2022-23	Menlo Microsystems Incorporated	100%	\$5,000	11/15/2022	11/14/2023
Seungbae Park	Lockheed Martin's Full Membership in the IEEC 2023	Lockheed Martin	100%	\$60,000	1/1/2023	12/31/2023

Proposal PI	Title	Sponsor Name	% Credited to PI	\$ Credited	Requested Start Date	Requested End Date
Seungbae Park	Indium Corporation' Full Membership in the IEEC, 2023-24	Indium Corporation	100%	\$60,000	3/1/2023	2/29/2024
Seungbae Park	IBM Full Membership in IEEC 2023-2027	IBM Corporation	100%	\$300,000	1/1/2023	12/31/2027
Seungbae Park	Global Foundries IEEC Participating Membership 2022-2023	Global Foundries, Inc.	100%	\$5,000	11/1/2022	10/31/2023
Seungbae Park	DuPont Participating Membership in the IEEC 2022-23	Dupont Speciality Products USA LLC	100%	\$5,000	10/1/2022	9/30/2023
Seungbae Park	Corning's Full Membership in the IEEC, 2022-23	Corning Incorporated	100%	\$60,000	10/1/2022	9/30/2023
Seungbae Park	AVO Photonics Participating Membership in the IEEC 2022-23	AVO Photonics	100%	\$5,000	8/18/2022	8/17/2023
Seungbae Park	ASE Full Membership in the IEEC 2022-23	Advanced Semiconductor Engineering Incorporated	100%	\$60,000	9/1/2022	8/31/2023
Seungbae Park	BAE's Full Membership in the IEEC, 2023	BAE Systems Controls Incorporated	100%	\$60,000	1/1/2023	12/31/2023
Srikanth Rangarajan	Honeywell 2023-2024 ES2 I/UCRC Membership Agreement	Honeywell International Incorporated	33%	\$16,500	6/1/2023	5/31/2024
				Total # Credited	19.03	
				Total \$ Credited	\$3,488,544	

Total Proposals Submitted: 362.00

Total Amount Requested: \$219,807,285