

# Sponsored Programs Proposal Submission Report

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



<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
020 Anthropology						
Carl Lipo	Solomon Islands Project	International Archaeological Research Institute	100%	\$127,392	6/30/2023	6/29/2024
Michel Shamoon-Pour	Characterizing PFAS Precursors Degradation by Microbiological Processes	Environmental Research and Education Foundation	100%	\$118,750	7/21/2023	7/20/2025
			<i>Total # Credited</i>	<i>2.00</i>		
			<i>Total \$ Credited</i>	<i>\$246,142</i>		
020 Art History						
Claire Kovacs	In This Place: Contemporary Indigenous Artists of New York	NEA Foundation	100%	\$119,287	6/1/2024	3/31/2025
			<i>Total # Credited</i>	<i>1.00</i>		
			<i>Total \$ Credited</i>	<i>\$119,287</i>		
020 Biological Sciences						
Laura Cook	Resubmission: Characterization of a two-component regulatory system in Streptococcus agalactiae	National Institute of Allergy & Infectious Disease	90%	\$1,626,194		3/31/2029
			<i>Total # Credited</i>	<i>0.90</i>		
			<i>Total \$ Credited</i>	<i>\$1,626,194</i>		
020 Biomedical Engineering						
Gretchen Mahler	Dietary grape pomace and nanoparticles; a combined protective approach to battle Avian Necrotic Enteritis	Cornell University	100%	\$60,000	3/1/2024	2/28/2025

<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>
			<i>Total # Credited</i>	<i>1.00</i>		
			<i>Total \$ Credited</i>	<i>\$60,000</i>		
<b>020 CCPA Teaching Learning Educ Leadership</b>						
Amber Simpson	F-AI-LS: Learning from Failure by Using AI-Assisted Digital Storytelling	Arizona State University	100%	\$183,315	5/16/2024	5/15/2027
			<i>Total # Credited</i>	<i>1.00</i>		
			<i>Total \$ Credited</i>	<i>\$183,315</i>		
<b>020 Chemistry</b>						
Huiyuan Guo	CAREER: From the mother to the offspring: nanoplastic transfer and toxicity in aquatic species	National Science Foundation	100%	\$696,318	2/1/2024	1/31/2029
Wei Qiang	Resubmission R01: Molecular Structural Basis of Non-specific Neuronal Membrane Disruption Induced by Early-Stage Beta-Amyloid Peptide Aggregation	National Institute of General Medical Sciences	100%	\$1,925,267	1/1/2024	12/31/2028
			<i>Total # Credited</i>	<i>2.00</i>		
			<i>Total \$ Credited</i>	<i>\$2,621,585</i>		
<b>020 Computer Science</b>						
Adnan Siraj Rakin	Collaborative Research: CPS: Medium: Autonomy Without Compromise: Full Onboard Autonomy for Small Unmanned Aerial Vehicles	National Science Foundation	25%	\$250,000	3/1/2024	2/28/2027
Ali Ben Ali	Collaborative Research: CPS: Medium: Autonomy Without Compromise: Full Onboard Autonomy for Small Unmanned Aerial Vehicles	National Science Foundation	25%	\$250,000	3/1/2024	2/28/2027
Guanhua Yan	Education DCL: EAGER: Building a Capture-The-Flag Platform for 5G Network Security	National Science Foundation	100%	\$299,999	1/1/2024	12/31/2025
Jayson Boubin	Collaborative Research: CPS: Medium: Autonomy Without Compromise: Full Onboard Autonomy for Small Unmanned Aerial Vehicles	National Science Foundation	50%	\$500,000	3/1/2024	2/28/2027

<i><b>Proposal PI</b></i>	<i><b>Title</b></i>	<i><b>Sponsor Name</b></i>	<i><b>% Credited to PI</b></i>	<i><b>\$ Credited</b></i>	<i><b>Requested Start Date</b></i>	<i><b>Requested End Date</b></i>
Lijun Yin	Face recognition under occlusion, various poses and illuminations 2.5 Years	Kitware Incorporated	100%	\$674,924	9/1/2023	8/31/2026
Patrick Madden	SHF: Small: Fully Automatic Mixed-Size Placement	National Science Foundation	100%	\$598,223	6/1/2024	5/31/2027
Sujoy Sikdar	CAREER: Mechanisms for Robust Multi-Attribute Decision-Making	National Science Foundation	100%	\$520,803	2/1/2024	1/31/2029
<i><b>Total # Credited</b></i>				<i><b>5.00</b></i>		
<i><b>Total \$ Credited</b></i>				<i><b>\$3,093,949</b></i>		

**020 Decker/Physical Therapy**

Vipul Lugade	Creating a Guideline to Understand Service Members' Fitness to Resume Driving in an Automated Driving Environment Following Mild Traumatic Brain Injury	Department of Defense (CDMRP)	100%	\$313,105	10/1/2024	9/30/2027
<i><b>Total # Credited</b></i>				<i><b>1.00</b></i>		
<i><b>Total \$ Credited</b></i>				<i><b>\$313,105</b></i>		

**020 Decker/Speech Language Pathology**

Rodney Gabel	Addendum: Clinical Placement Agreement between Whitney Point School District and The Research Foundation for SUNY	Whitney Point Central School District	100%	\$113,004	9/1/2023	8/31/2024
Rodney Gabel	Clinical Placement Agreement between GiGi's Playhouse and The Research Foundation for SUNY	Gigis Playhouse	100%	\$13,500	9/1/2023	8/31/2024
Rodney Gabel	National Stuttering Association Graduate Student Research Award	National Stuttering Association	100%	\$4,996	9/1/2023	8/31/2024
Rodney Gabel	Clinical Placement Agreement between Newark Valley Central School District and The Research Foundation for SUNY	Newark Valley Central School District	100%	\$57,926	9/1/2023	8/31/2024

<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>
			<i>Total # Credited</i>	<i>4.00</i>		
			<i>Total \$ Credited</i>	<i>\$189,426</i>		
<b>020 Electrical and Computer Engineering</b>						
Tara Dhakal	STTR Phase I: Perovskite photovoltaic cells with ALD buffer layers for enhanced durability	Pinwheel Solar Limited Liability Corporation	50%	\$82,500	1/1/2024	12/31/2024
			<i>Total # Credited</i>	<i>0.50</i>		
			<i>Total \$ Credited</i>	<i>\$82,500</i>		
<b>020 Entrepreneurship and Innovation Partnership</b>						
Stacey Johnson	Jobs for the Future: Green Jobs Challenge	Jobs For The Future Incorporated	100%	\$10,001	6/20/2023	6/19/2024
			<i>Total # Credited</i>	<i>1.00</i>		
			<i>Total \$ Credited</i>	<i>\$10,001</i>		
<b>020 Mathematical Sciences</b>						
Rakhi Singh	Supersaturated design constructions for screening experiments	American Mathematical Society	100%	\$7,200	7/1/2023	6/30/2025
			<i>Total # Credited</i>	<i>1.00</i>		
			<i>Total \$ Credited</i>	<i>\$7,200</i>		
<b>020 Mechanical Engineering</b>						
Bruce Murray	Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	US Department of Energy	33%	\$132,000	12/1/2023	5/31/2025
Jingzhou Zhao	Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	US Department of Energy	34%	\$136,000	12/1/2023	5/31/2025
Mirjalil Razaviaghjeh	Understanding Cortical Folding Development via Biomechanical Simulation	National Institutes of Health	100%	\$2,721,495	4/1/2024	3/31/2029

<i><b>Proposal PI</b></i>	<i><b>Title</b></i>	<i><b>Sponsor Name</b></i>	<i><b>% Credited to PI</b></i>	<i><b>\$ Credited</b></i>	<i><b>Requested Start Date</b></i>	<i><b>Requested End Date</b></i>
Mirjalil Razaviaghjeh	Brain Reverse Engineering: A New Paradigm In Uncovering the Folding History of the Brain	National Institutes of Health	100%	\$2,166,900	9/1/2024	8/31/2029
Mirjalil Razaviaghjeh	CAREER: Multiscale Mechanics of Brain Folding in Health and Disorder	National Science Foundation	100%	\$563,113	2/1/2024	1/31/2029
Timothy Singler	Scalable Manufacturing of High Temperature Micro-encapsulated Phase Change Materials Using Flow-focused Coaxial Continuous Casting	US Department of Energy	33%	\$132,000	12/1/2023	5/31/2025
Xin Yong	Collaborative Research: Self-Limiting Electro spray Deposition of Nanowire-Particle Composites for Advanced Coatings	National Science Foundation	100%	\$309,176	12/1/2023	11/30/2026
<i><b>Total # Credited</b></i>				<i><b>5.00</b></i>		
<i><b>Total \$ Credited</b></i>				<i><b>\$6,160,684</b></i>		

## 020 Pharmaceutical Sciences

Kanneboyina Nagaraju	Targeting immune and non-immune mechanisms in a mouse model of myositis	CURE JM Foundation	15%	\$22,500	11/1/2023	10/31/2025
Melissa Morales	Targeting immune and non-immune mechanisms in a mouse model of myositis	CURE JM Foundation	85%	\$127,500	11/1/2023	10/31/2025
Tony Davis	Resubmission: Neuroimmune mechanisms of adult chronic ethanol consumption	National Institute for Alcohol Abuse & Alcoholism	10%	\$42,947	4/1/2024	3/31/2026
Yetrib Hathout	Resubmission: Characterization of a two-component regulatory system in Streptococcus agalactiae	National Institute of Allergy & Infectious Disease	5%	\$90,344	4/1/2024	3/31/2029
<i><b>Total # Credited</b></i>				<i><b>1.15</b></i>		
<i><b>Total \$ Credited</b></i>				<i><b>\$283,291</b></i>		

## 020 Physics Applied Physics & Astronomy

Ana Laura Elias	CAREER: Moir? Heterobilayers Prepared in a Single Chemical Vapor Deposition Reaction	National Science Foundation	100%	\$682,054	2/1/2024	1/31/2029
-----------------	--	-----------------------------	------	-----------	----------	-----------

<i><b>Proposal PI</b></i>	<i><b>Title</b></i>	<i><b>Sponsor Name</b></i>	<i><b>% Credited to PI</b></i>	<i><b>\$ Credited</b></i>	<i><b>Requested Start Date</b></i>	<i><b>Requested End Date</b></i>
Ana Laura Elias	Temperature-Dependent Raman Scattering Study of Defects in Two-Dimensional Semiconducting Materials	Research Corporation for Science Advancement	100%	\$120,000	3/1/2024	2/28/2027
Manuel Smeu	A Computational Ride-along with the Polysulfide Shuttle in Calcium-Sulfur Batteries	National Science Foundation	100%	\$312,553	1/1/2024	12/31/2026
<i><b>Total # Credited</b></i>				<i><b>3.00</b></i>		
<i><b>Total \$ Credited</b></i>				<i><b>\$1,114,607</b></i>		

## 020 Psychology

Brandon Gibb	Reward Processing and Real-World Affect Reactivity Among Adolescents at Risk for Major Depressive Disorder	American Psychological Foundation	100%	\$25,000	8/1/2023	7/31/2024
Florence Varodayan	Resubmission: Neuroimmune mechanisms of adult chronic ethanol consumption	National Institute for Alcohol Abuse & Alcoholism	90%	\$386,523	4/1/2024	3/31/2026
Jennifer Gillis Mattson	BRCASD 2023-2024	University at Albany	100%	\$110,000	7/1/2023	6/30/2024
Kenneth Kurtz	Collaborative Research: Improving STEM-Based Learning through the Use of Category Learning	National Science Foundation	100%	\$253,618	1/1/2024	12/31/2026
Matthew Johnson	Development of a Spanish-Language IPV Assessment Instrument	US Department of Justice	100%	\$450,000	11/1/2023	10/31/2026
Sung-Joo Lim	CAREER: Enhancing implicit sound category learning: the role of the cortico-striatal system	National Science Foundation	100%	\$602,230	6/1/2024	5/31/2029
Terrence Deak	Materials Testing Agreement: Butler Hospital: Mechanisms of Accelerated Aging: Stress, Health Behaviors, and the Role of Mitochondria	Butler Hospital	100%	\$16,875	7/1/2023	6/30/2024
Thomas Harding	Clinical Placement Agreement with ARK Psychology, PLLC	ARK Psychology LLC	100%	\$21,400	8/22/2023	8/21/2024

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

Thomas Harding	Clinical Placement Agreement with United Health Systems Hospitals,Inc.	United Health Services Hospitals Incorporated	100%	\$23,000	8/22/2023	8/21/2024
				<i><b>Total # Credited</b></i>	<i><b>8.90</b></i>	
				<i><b>Total \$ Credited</b></i>	<i><b>\$1,888,646</b></i>	

**020 Public Archaeology Facility**

Laurie Miroff	Phase 1 Archaeological Survey, Glenn Forward Project, Town of Hamilton, New York	Strategic Mining Solutions Limited Liability Corporation	100%	\$6,498	6/29/2023	6/28/2024
Laurie Miroff	Mapping Proposal Woodstock Bindy Bizaar Project, Bethel, Sullivan County, NY	Bethel Woods Center for the Arts	100%	\$1,300	6/22/2023	6/21/2024
Laurie Miroff	AMD 1 - Phase 1B Archaeological Survey of the Colton Malone 115k Rebuild Project	GZA GeoEnvironmental Incorporated	100%	\$170,724	7/24/2023	10/23/2024
Laurie Miroff	Phase 1 Archaeological Survey, Independence Manor Solar Project, Town of Flemington, Hunterdon County, New Jersey	LaBella Associates	100%	\$5,180	7/7/2023	7/6/2024
				<i><b>Total # Credited</b></i>	<i><b>4.00</b></i>	
				<i><b>Total \$ Credited</b></i>	<i><b>\$183,702</b></i>	

**020 Research VP**

Jennifer Sammakia	Resubmission: Characterization of a two-component regulatory system in Streptococcus agalactiae	National Institute of Allergy & Infectious Disease	5%	\$90,344	4/1/2024	3/31/2029
				<i><b>Total # Credited</b></i>	<i><b>0.05</b></i>	
				<i><b>Total \$ Credited</b></i>	<i><b>\$90,344</b></i>	

**020 School Of Management Admin**

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

<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>
			<i>Total # Credited</i>	<i>1.00</i>		
			<i>Total \$ Credited</i>	<i>\$124,629</i>		

**020 Systems Science and Indust Eng (SSIE)**

Chao Shi	Creating a Guideline to Understand Service Members' Fitness to Resume Driving in an Automated Driving Environment Following Mild Traumatic Brain Injury	Department of Defense (CDMRP)	100%	\$430,854	10/1/2024	9/30/2027
Daryl Santos	Process Engineering and NPI Support in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	33%	\$22,857	9/8/2023	9/7/2024
Daryl Santos	Process Development and Improvement for New Product Introductions in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	33%	\$22,857	8/1/2023	7/31/2024
Fuda Ning	CAREER: Fundamental Understanding of Laser-Matter Interactions in Additive Manufacturing with Simultaneous Wire-Powder Deposition	National Science Foundation	100%	\$599,723	3/1/2024	2/28/2029
Jia Deng	CAREER: Probe-Based Hybrid Nanopatterning of Conductive Polymers	National Science Foundation	100%	\$568,073	7/13/2023	7/12/2028
Krishnaswami Srihari	Applied Research Supporting Raymond Logistics in Inventory Optimization and Process Automation	Raymond Corporation	25%	\$14,935	8/21/2023	8/20/2024
Krishnaswami Srihari	Business Process Engineering Support for Network Management Systems CMO (AMD 25)	Montefiore Hospital and Medical Center	33%	\$21,679	8/21/2023	8/20/2024
Krishnaswami Srihari	Continuous Performance Improvement and System Modeling Support for TidalHealth AMD 3	TidalHealth	50%	\$67,878	8/21/2023	8/20/2024
Krishnaswami Srihari	Process Development and Improvement for New Product Introductions in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	34%	\$23,550	8/1/2023	7/31/2024
Krishnaswami Srihari	Process Engineering and NPI Support in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	34%	\$23,550	9/8/2023	9/7/2024



<i><b>Proposal PI</b></i>	<i><b>Title</b></i>	<i><b>Sponsor Name</b></i>	<i><b>% Credited to PI</b></i>	<i><b>\$ Credited</b></i>	<i><b>Requested Start Date</b></i>	<i><b>Requested End Date</b></i>
Krishnaswami Srihari	Improving Quality, Safety, and Patient Flow and Outpatient Medication Management (AMD 7)	Memorial Sloan Kettering Cancer Center	50%	\$67,800	8/21/2023	8/20/2024
Mark Poliks	STTR Phase I: Perovskite photovoltaic cells with ALD buffer layers for enhanced durability	Pinwheel Solar Limited Liability Corporation	30%	\$49,500	1/1/2024	12/31/2024
Mohammad Khasawneh	Continuous Performance Improvement and System Modeling Support for TidalHealth AMD 3	TidalHealth	50%	\$67,878	8/21/2023	8/20/2024
Mohammad Khasawneh	Process Engineering and NPI Support in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	33%	\$22,857	9/8/2023	9/7/2024
Mohammad Khasawneh	Process Development and Improvement for New Product Introductions in Electronics Assembly AMD 1	Foxconn Assembly Limited Liability Company	33%	\$22,857	8/1/2023	7/31/2024
Mohammad Khasawneh	Improving Quality, Safety, and Patient Flow and Outpatient Medication Management (AMD 7)	Memorial Sloan Kettering Cancer Center	50%	\$67,800	8/21/2023	8/20/2024
Mohammad Khasawneh	Business Process Engineering Support for Network Management Systems CMO (AMD 25)	Montefiore Hospital and Medical Center	34%	\$22,336	8/21/2023	8/20/2024
Mohammad Khasawneh	Applied Research Supporting Raymond Logistics in Inventory Optimization and Process Automation	Raymond Corporation	25%	\$14,935	8/21/2023	8/20/2024
Sangwon Yoon	Applied Research Supporting Raymond Logistics in Inventory Optimization and Process Automation	Raymond Corporation	25%	\$14,935	8/21/2023	8/20/2024
Susan Shuxia Lu	STTR Phase I: Perovskite photovoltaic cells with ALD buffer layers for enhanced durability	Pinwheel Solar Limited Liability Corporation	20%	\$33,000	1/1/2024	12/31/2024
Yingge Zhou	CAREER: 3D Printing Assisted Multi-Scale Channel Hydrogel Soft Tissue Scaffolds	National Science Foundation	100%	\$514,218	9/1/2024	8/31/2029
Yingge Zhou	Collaborative Research: Dancing with Wolves - Exploring the Impacts of Generative Artificial Intelligence on Engineering Education	National Science Foundation	100%	\$130,165	8/1/2024	7/31/2027

<i><b>Proposal PI</b></i>	<i><b>Title</b></i>	<i><b>Sponsor Name</b></i>	<i><b>% Credited to PI</b></i>	<i><b>\$ Credited</b></i>	<i><b>Requested Start Date</b></i>	<i><b>Requested End Date</b></i>
Yong Wang	Business Process Engineering Support for Network Management Systems CMO (AMD 25)	Montefiore Hospital and Medical Center	33%	\$21,679	8/21/2023	8/20/2024
Yong Wang	Applied Research Supporting Raymond Logistics in Inventory Optimization and Process Automation	Raymond Corporation	25%	\$14,935	8/21/2023	8/20/2024
Zeynep Ertem	CAREER: Evaluating Complex Dynamic Social Networks to Advance Disease Modeling	National Science Foundation	100%	\$500,000	2/1/2024	1/31/2029
<i><b>Total # Credited</b></i>				<i><b>12.50</b></i>		
<i><b>Total \$ Credited</b></i>				<i><b>\$3,360,851</b></i>		

**020 Univ Police Admin**

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

**020 Watson School Deans Office**

Benson Chan	Building Opal - smart ring for personal safety	FuzeHub	100%	\$50,000	9/1/2023	8/31/2024
Seungbae Park	Thintronics Inc's Participating Membership in the IEEC, 2023-24	Thintronics Incorporated	100%	\$5,000	8/1/2023	7/31/2024
Seungbae Park	Corning's Full Membership in the IEEC 2023-24	Corning Incorporated	100%	\$60,000	10/1/2023	9/30/2024
Seungbae Park	Dupont's Participating Membership in the IEEC 2023-24	Dupont Central Research and Development	100%	\$5,000	10/1/2023	9/30/2024
<i><b>Total # Credited</b></i>				<i><b>4.00</b></i>		
<i><b>Total \$ Credited</b></i>				<i><b>\$120,000</b></i>		

<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>
--------------------	--------------	---------------------	-----------------------------	------------------------	---------------------------------	-------------------------------

<b>Total Proposals Submitted:</b>	<b>61.00</b>
<b>Total Amount Requested:</b>	<b>\$21,899,459</b>