

Sponsored Programs Proposal Submission Report

For the period July 1, 2017 to June 30, 2018



<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 Acad Affairs Prov VP						
Fegley, Megan	The Role of Undergraduate Research in Career Exploration and Decision-Making	University of Georgia	50%	\$14,918	5/1/2018	4/30/2021
Imbruce, Valerie	Materials Matter: Situating Chemical Elements in the Human World to Innovate Undergraduate Education	National Endowment for the Humanities	50%	\$50,000	7/1/2018	6/30/2021
Kiessling, Corinne	Student perceptions of gains across three-semester sequence of CUREs	National Science Foundation	33%	\$99,060	9/1/2018	8/31/2021
Stamp, Nancy	The Role of Undergraduate Research in Career Exploration and Decision-Making	University of Georgia	50%	\$14,918	5/1/2018	4/30/2021
Stamp, Nancy	Reducing Barriers to and Increasing Adoption of Sequential CURE Programs	University of Texas at Austin	100%	\$424,461	9/1/2018	8/31/2023
Stamp, Nancy	Student perceptions of gains across three-semester sequence of CUREs	National Science Foundation	34%	\$102,062	9/1/2018	8/31/2021
Withers, Michelle	RCN-UBE: Networking STEM Initiatives to Enhance (NSITE) Adoption of Evidence-Based Practices	National Science Foundation	100%	\$472,897	7/1/2018	6/30/2022
Withers, Michelle	Student perceptions of gains across three-semester sequence of CUREs	National Science Foundation	33%	\$99,060	9/1/2018	8/31/2021
				Total # Credited	4.50	
				Total \$ Credited	\$1,277,375	

020 Anthropology

DiGangi, Elizabeth	Fellowship Support: Sarah L. Cunningham: Microbial Community Succession in Human and Pig Decomposition	US Department of Justice	100%	\$35,000	8/1/2018	7/31/2019
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DiGangi, Elizabeth	Doctoral Dissertation Research: Ariel Gruenthal-Rankin: Colonization in Medieval Prussia: Exploring Dietary Signals and Early Life Stress	National Science Foundation	100%	\$21,352	7/24/2018	7/23/2020
Ferradas, Carmen	Doctoral Dissertation Research: Victoria Brown: Ethnographic Analysis of Circular Migration, Seasonality, and Gender in an Agro-Industrial Enclave	National Science Foundation	100%	\$25,187	2/1/2018	1/31/2019
Isbell, William	Doctoral Dissertation Research: Jessica Smeeks: Fragmentation and Consolidation: An Analysis of the Interrelationship Between Warfare and Sociopolitical Organization in Late Intermediate Peru	National Science Foundation	100%	\$25,187	7/1/2018	6/30/2019
Isbell, William	REU Supplement: Investigation into the Functioning of Early Cities	National Science Foundation	100%	\$6,000	6/1/2018	5/31/2019
Isbell, William	Wenner-Gren: Post PhD Research and Disseratation Fieldwork Grant Agreement: Jessica Smeeks	The Wenner Gren Foundation for Anthropological Research Inco	100%	\$19,960	7/1/2018	2/16/2019
Isbell, William	REU Supplement: Investigation into the Functioning Early Citites	National Science Foundation	100%	\$6,000	6/1/2018	8/31/2018
Lipo, Carl	BEARCAT: Building Energy Systems that Adapt, Renew, Contain and Transform	NYS Energy Research and Development Authority	33%	\$329,650	7/1/2018	6/30/2020
Lipo, Carl	NRT: Interdisciplinary STEM Training on Human Social Complexity via an Orthogonal Subject-Skill Curricular Matrix	National Science Foundation	20%	\$599,801	9/1/2018	8/31/2023
Maclaren, Katherine	Trade-offs in milk immunity	Leakey Foundation	100%	\$25,000	10/1/2018	12/31/2019
Maclaren, Katherine	Displacement of a vulnerable population due to natural disaster: Modeling effects on early development in a low-income country	Cleveland State University	100%	\$32,107	5/1/2020	12/31/2020
Maclaren, Katherine	Child Health and Development in Kilimanjaro: Iron and Infectious Diseases	National Science Foundation	100%	\$450,307	1/1/2019	12/31/2021

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Maclaren, Katherine	Beyond energy balance: Modeling stress-diet interactions in obesity disparities in vulnerable communities	Cleveland State University	100%	\$25,505	5/1/2020	12/31/2020
Maclaren, Katherine	Research Support for Kathy (MacLaren) Wander	Multiple Sponsors	100%	\$5,200	10/2/2017	10/1/2018
Maclaren, Katherine	Child Health and Development in Kilimanjaro: Iron and Infectious Diseases	National Science Foundation	100%	\$450,000	7/1/2018	6/30/2021
Maclaren, Katherine	A mixed-methods study of the biocultural determinants of obesity in men and women: Investigating the role of stress-diet interactions	Cleveland State University	100%	\$75,140	1/1/2018	12/31/2020
Maclaren, Katherine	RAPID: Displacement and Repatriation of an Entire Island Population in the South Pacific: Lessons for Capacity Building in Disaster Management	Cleveland State University	100%	\$6,496	1/15/2018	12/31/2018
Mcguire, Randall	REU Supplement: Conceptualizing Cultural Contact and Transmission across International Boundaries	National Science Foundation	100%	\$8,340	7/1/2018	8/31/2020
Sanger, Matthew	Aerial imaging and geophysical research at Archaic Rings of the Southeast United States	National Geographic Society	100%	\$37,561	1/1/2018	9/30/2019
Sanger, Matthew	Hilton Head Island Archaeological - Mitchelville Dig	Hilton Head Archaeological	100%	\$1,110	9/15/2017	10/14/2018
Van Dyke, Ruth	Doctoral Dissertation Improvement Grant: Function and Dating of the Aztec North Great House	National Science Foundation	100%	\$25,194	9/1/2017	8/30/2019
Van Dyke, Ruth	Patricia Markert: National Geographic Grant	National Geographic Society	100%	\$7,224	7/1/2018	6/30/2019
Van Dyke, Ruth	Doctoral Dissertation Reseach: AMS of the Aztec North Great House (Michelle Turner)	National Science Foundation	100%	\$11,995	6/1/2018	5/31/2019
Wilson, Thomas	Doctoral Dissertation Research: Economizing Sanctions: Extra-legal Trade Networks in Iran's Baluchestan	National Science Foundation	100%	\$24,693	5/1/2018	4/30/2019
Wolf-Meyer, Matthew	Standard Research Grant: Microbial Medicine and the Changing Contours of U.S. Medical Knowledge and Practice	National Science Foundation	100%	\$122,477	1/1/2018	12/31/2019

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Total # Credited 23.53

Total \$ Credited \$2,376,486

020 Art History

Smart, Pamela	Materials Matter: Situating Chemical Elements in the Human World to Innovate Undergraduate Education	National Endowment for the Humanities	50%	\$50,000	7/1/2018	6/30/2021
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Total # Credited 0.50

Total \$ Credited \$50,000

020 Asian Asian-American Studies

Chen, Zu	2017 Confucius Institute of Chinese Opera	Confucius Institute of China	100%	\$90,000	12/31/4712	12/31/4712
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Chen, Zu	2018 Confucius Institute of Chinese Opera	Confucius Institute of China	100%	\$50,000	1/1/2018	12/31/2018
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Goodman, Charles	The Tattvasamgraha of Santaraksita: Selected Metaphysical Chapters	American Council of Learned Societies	50%	\$33,898	9/1/2018	8/31/2019
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Total # Credited 2.50

Total \$ Credited \$173,898

020 Biological Sciences

Chang, Howard	R01: Genetic analysis of oxygen toxicity in nematode gut-brain communication	National Institutes of Health	100%	\$1,690,440	9/1/2018	8/31/2023
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Chang, Howard	R15: Microbial and neuroendocrine modulation of superoxide dismutase SOD-1	National Institutes of Health	100%	\$378,820	9/1/2018	8/31/2021
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Chang, Howard	R01: The role of superoxide dismutase SOD-1 in microbe-gut-brain interaction	National Institutes of Health	100%	\$1,886,690	1/1/2019	12/30/2023
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Chang, Howard	R15:The role of neuronal superoxide dismutase SOD-1 in pathogen-induced gut dysbiosis.	National Institutes of Health	100%	\$445,920	4/1/2019	3/31/2022
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Davies, David	Biofilm Dispersion Autoinducer Signal Perception in Pseudomonas aeruginosa	National Institute of Allergy and Infectious Disease	100%	\$1,697,382	4/1/2018	3/31/2023
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Davies, David	F31: Courtney Kleeschulte: Signal Transduction and Regulation of Cis-2-Decenoic Acid Induced Biofilm Dispersion in Pseudomonas aeruginosa	Ruth L. Kirschstein National Research Service Award	100%	\$71,624	9/1/2018	8/31/2020
Davies, David	F31: Amanda Zdimal: Investigating the role of bacteria in carotid arterial plaque deposits	Ruth L. Kirschstein National Research Service Award	100%	\$71,624	9/1/2018	8/31/2020
Marques, Claudia	Host response to Staphylococcus aureus persister cells.	Edward J. Mallinckrodt, Jr. Foundation	100%	\$180,000	10/1/2017	9/30/2020
Marques, Claudia	Engineering a Small Intestinal Microbiome to Evaluate Food Additive Exposure	National Institutes of Health	50%	\$900,214	9/1/2018	8/31/2023
Musselman, Laura	A genomic strategy for identifying new proteins that mediate the effect of diet on diabetes complications	American Diabetes Association	100%	\$327,151	1/1/2019	12/31/2021
Musselman, Laura	A Combined Genetic and Genomic Approach to Discover Type 2 Diabetes Regulators and Biomarkers	Department of Defense	100%	\$267,095	7/1/2019	12/31/2020
Powell, Thomas	Collaborative Research: Partner identity from the species level down: An experimental test of functional redundancy in a diffuse mutualism	National Science Foundation	50%	\$361,712	6/1/2018	5/31/2022
Powell, Thomas	Altered biotic interactions for species on the move: A comprehensive test of invasion success for an outbreaking insect (U of Minnesota)	National Science Foundation	50%	\$491,124	5/1/2018	4/30/2022
Prior, Kirsten	Collaborative Research: Partner identity from the species level down: An experimental test of functional redundancy in a diffuse mutualism	National Science Foundation	50%	\$361,712	6/1/2018	5/31/2022
Prior, Kirsten	Altered biotic interactions for species on the move: A comprehensive test of invasion success for an outbreaking insect (U of Minnesota)	National Science Foundation	50%	\$491,124	5/1/2018	4/30/2022
Prior, Kirsten	Plant-Biotic Interactions: Unraveling the epigenetic consequences in a triptych of interacting ants, plants, and herbivores	Brown University	100%	\$170,319	7/1/2018	6/30/2021

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Sauer, Karin	Investigating Extracellular DNA in Biofilm Formation Using Microfluidic Tools	National Science Foundation	50%	\$147,745	6/1/2018	5/31/2021
Sauer, Karin	R01: Pyruvate depletion as adjunctive therapy for the treatment of biofilm-related infections	National Institutes of Health	50%	\$1,007,993	9/1/2018	8/31/2023
Sauer, Karin	Role of BdlA in Biofilm Dispersion and Virulence Properties of <i>P. aeruginosa</i>	National Institute of Allergy and Infectious Disease	100%	\$2,736,959	9/1/2018	8/31/2023
Sauer, Karin	A Role of Material Stiffness in Ophthalmic Biofilm Formation and Virulence of <i>Pseudomonas aeruginosa</i>	Syracuse University	100%	\$2,250	3/1/2017	2/28/2018
Sauer, Karin	R21: Uncovering conservation in biofilm formation and antimicrobial tolerance pathways in pathogenic bacteria	National Institutes of Health	100%	\$431,377	4/1/2018	3/31/2020
Sauer, Karin	SBIR: Prevention of Biofilm Formation using Nanocomposite Coating Technology for Dental Unity Applications	N2 Biomedical LLC	25%	\$17,578	7/1/2018	6/30/2019
Schertzer, Jeffrey	NRSA Support for Catalina Florez: Characterization of the <i>Pseudomonas</i> quinolone signal export mechanism and its relationship to extracellular polymeric substance	National Institutes of Health	100%	\$80,994	4/1/2018	3/31/2020
Schertzer, Jeffrey	R01: Molecular Mechanisms of Outer Membrane Vesicle Biogenesis	National Institute of Allergy and Infectious Disease	85%	\$1,589,135	7/1/2018	6/30/2023
Schertzer, Jeffrey	F31: Catalina Florez: Elucidating the Relationship Between c-di-GMP, EPS, and PQS Inducted OMV Formation	Ruth L. Kirschstein National Research Service Award	100%	\$81,980	9/1/2018	5/31/2020
Schertzer, Jeffrey	Synthetic Outer Membrane Vesicles as Drug Delivery Vehicles Against Bacterial Biofilms	National Institutes of Health	50%	\$202,195	4/1/2019	3/31/2021
Sobel, James	CAREER: Reproductive isolation and habitat divergence: The emergence of parallel 'habitat selection' traits during replicate instances of edaphic specialization in <i>Mimulus</i>	National Science Foundation	100%	\$917,012	1/1/2018	12/31/2022

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Sobel, James	ECA-PGR: Capitalizing on diversity: Evolutionary genomics of adaptation in the genus Mimulus focused toward identifying targets for crop improvement	National Science Foundation	100%	\$299,955	1/1/2018	12/31/2019
Sobel, James	Dimensions: Collaborative: Diversification in Astragalus, the most species rich plant genus: Interactions between habitat divergence and coevolution with mutualists & antagonists	National Science Foundation	100%	\$565,314	8/1/2018	7/31/2023
Wilson, David	Free Play in an After-School Program	Let Grow, Inc.	50%	\$5,000	1/1/2018	6/30/2018
Withers, Michelle	NSF 1834579 - Transfer In from W. Virginia Univ	National Science Foundation	100%	\$150,476	1/1/2018	8/31/2018
			Total # Credited	25.60		
			Total \$ Credited	\$18,028,912		

020 Biomedical Engineering

Doiron, Amber	R21: Near Infrared Dye-Nanoparticle Composites as a Platform for Photodynamic and Photothermal Treatment of Infections	National Institute of Biomedical Imaging and Bioengineering	50%	\$199,060	10/1/2018	9/30/2020
Doiron, Amber	R01: Pyruvate depletion as adjunctive therapy for the treatment of biofilm-related infections	National Institutes of Health	50%	\$1,007,993	9/1/2018	8/31/2023
Doiron, Amber	Pulsed Plasmonic Laser Phototherapy for the Treatment of Bacterial Keratitis	National Institutes of Health	100%	\$428,493	10/1/2018	9/30/2020
German, Guy	Prevention of Hip Fractures	Multiple Sponsors	50%	\$5,000	9/1/2017	8/31/2019
German, Guy	MRI: Acquisition of a Transmission Electron Microscope	National Science Foundation	33%	\$271,772	1/1/2019	12/31/2021
Hookway, Tracy	Analysis of Thyroid Hormone Maturation of Engineered Cardiac Tissue	American Heart Association Founders Affiliate	100%	\$5,000	7/1/2018	6/30/2019
Jin, Sha	R15: Generation of islet organoids in oxygenated scaffolds	National Institutes of Health	75%	\$337,860	11/1/2018	10/31/2021
Jin, Sha	R01: Oxygenated scaffold for islet organoid development from iPSCS	National Institutes of Health	50%	\$894,519	3/1/2019	2/28/2023

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Jin, Sha	UG/UH3: Islet-Liver-Vascular Microphysiological Systems for Modeling Diabetes	National Institutes of Health	50%	\$3,408,375	12/1/2018	11/30/2023
Jin, Sha	R15: Regenerating Human Islet Organoids within Oxygenated Scaffolds	National Institutes of Health	50%	\$225,240	7/1/2018	6/30/2021
Jin, Sha	Islet organogenesis: inducible assembly of pancreatic islets from stem cells differentiation	National Science Foundation	50%	\$218,120	6/1/2018	5/31/2021
Jin, Sha	Regeneration of intra-islet vascularized pancreatic endocrine organoids from iPSCs	National Institutes of Health	50%	\$1,598,385	7/1/2018	6/30/2023
Jin, Sha	R01: Tissue-Specific Niches for Inducible Assembling Microvascularized Human Islets from iPSCs	National Institutes of Health	50%	\$990,659	3/1/2019	2/28/2024
Koh, Ahyeon	Electronic Wound Dressing: Multi-Array Biosensors for Wound Monitoring on Flexible, Stretchable, and Nanofibrous Substrates	US Department of Defense	100%	\$228,961	12/1/2017	5/31/2019
Koh, Ahyeon	SWEAT: Smart Wearable and Economic Alcohol-monitoring Technology	National Institutes of Health	40%	\$162,383	8/1/2018	7/31/2020
Koh, Ahyeon	Nanofibrous, Flexible, and Stretchable Biosensor Arrays for Multiplexed In Situ Wound Healing Analysis	National Science Foundation	100%	\$398,148	8/1/2018	7/31/2021
Koh, Ahyeon	SWEAT-hs: Smart Wearable and Economic Appliance and Technology for Health and Stress Monitoring	Samsung Advanced Institute on Technology	34%	\$51,000	10/1/2018	9/30/2019
Lu, Fake	Investigate the role of demyelination in AD with stimulated Raman imaging	Alzheimers Association	100%	\$150,000	2/15/2018	2/14/2021
Mahler, Gretchen	R15: Mechanobiology of Endothelial to Mesenchymal Transformation-Derived Activated Fibroblast Behavior	National Institutes of Health	34%	\$150,838	1/1/2019	12/31/2020
Mahler, Gretchen	R21: A modular, pumpless gut-liver-kidney platform for kidney disease modeling	National Institute of Biomedical Imaging and Bioengineering	100%	\$418,070	4/1/2019	3/31/2021
Mahler, Gretchen	REU Supplement for CMMI1436173	National Science Foundation	100%	\$8,000	5/1/2018	8/31/2018

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Mahler, Gretchen	Engineering a kidney glomerulus and proximal tubule on a chip	Alternatives for Research and Dev Foundation	100%	\$40,000	8/1/2018	8/1/2019
Mahler, Gretchen	SUNY Binghamton University RISE Research Training Program	National Institute of General Medical Sciences	30%	\$767,709	5/1/2019	4/30/2024
Mahler, Gretchen	Engineering a kidney glomerulus and proximal tubule on a chip	National Science Foundation	100%	\$322,302	8/1/2018	7/31/2021
Mahler, Gretchen	Toxicity evaluation of high-temperature nickel e-cigarette coils: A lung-on-a-chip approach (R21)	National Institutes of Health	33%	\$142,478	9/1/2018	8/31/2020
Mahler, Gretchen	Predicting fibroblast behavior in health and disease	National Science Foundation	34%	\$135,992	6/1/2018	5/31/2021
Mahler, Gretchen	Engineering a Small Intestinal Microbiome to Evaluate Food Additive Exposure	National Institutes of Health	50%	\$900,214	9/1/2018	8/31/2023
Ye, Kaiming	R15: Generation of islet organoids in oxygenated scaffolds	National Institutes of Health	25%	\$112,620	11/1/2018	10/31/2021
Ye, Kaiming	R01: Oxygenated scaffold for islet organoid development from iPSCs	National Institutes of Health	50%	\$894,519	3/1/2019	2/28/2023
Ye, Kaiming	UG/UH3: Islet-Liver-Vascular Microphysiological Systems for Modeling Diabetes	National Institutes of Health	50%	\$3,408,375	12/1/2018	11/30/2023
Ye, Kaiming	R15: Regenerating Human Islet Organoids within Oxygenated Scaffolds	National Institutes of Health	50%	\$225,240	7/1/2018	6/30/2021
Ye, Kaiming	Islet organogenesis: inducible assembly of pancreatic islets from stem cells differentiation	National Science Foundation	50%	\$218,120	6/1/2018	5/31/2021
Ye, Kaiming	Regeneration of intra-islet vascularized pancreatic endocrine organoids from iPSCs	National Institutes of Health	50%	\$1,598,385	7/1/2018	6/30/2023
Ye, Kaiming	REU Site: Undergraduate Research Experience in Biomedical Translational Science and Technology Development	National Science Foundation	100%	\$361,810	2/1/2018	1/31/2021
Ye, Kaiming	NIST Professional Research Experience Program (PREP) Partnership	Johns Hopkins University	100%	\$5,004,102	12/1/2017	11/30/2022

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Ye, Kaiming	R01: Tissue-Specific Niches for Inducible Assembling Microvascularized Human Islets from iPSCs	National Institutes of Health	50%	\$990,659	3/1/2019	2/28/2024
			Total # Credited	22.38		
			Total \$ Credited	\$26,280,397		

020 CCPA Deans Office

Bronstein, Laura	Year 2: Family and Community Engagement Program	Johnson City School	33%	\$19,800	12/31/4712	12/31/4712
Bronstein, Laura	Community Schools Regional Technical Assistance Center (TAC)	NYS Education Department	100%	\$1,794,713	7/1/2018	6/30/2023
Bronstein, Laura	Institute for Justice and Well-Being New York State Association for Rural Health RFP Executive Administration	New York State Association for Rural Health	100%	\$39,976	1/1/2018	12/31/2018
Bronstein, Laura	Health Care Integrated Delivery System Capacity Building, Workforce Transformation through a Center for Interpersonal Education, Research and Practice	Care Compass Network	100%	\$210,711	4/1/2018	3/31/2019
Burch, Paul	Broome ArtsForum: Arts and Education	US Department of Education	100%	\$2,338,743	9/1/2018	8/31/2022
Kida, Luann	The Timelessness of Science: Multidisciplinary STEM Learning Through Archaeology	National Science Foundation	25%	\$74,943	7/1/2018	6/30/2020
Kida, Luann	Binghamton University-Windsor Central School District Community School Innovation Initiative	US Department of Education	100%	\$3,460,816	10/1/2018	9/30/2023
Kida, Luann	Family and Community Engagement on the North Side of Binghamton	United Way of Broome County Incorporated	100%	\$10,000	7/1/2018	6/30/2019
Kida, Luann	Broome County Community Schools Rural Health Initiative	America's Promise Alliance	100%	\$299,230	4/1/2018	3/31/2020
Kida, Luann	Community School Youth Mentors	United Way of Broome County Incorporated	100%	\$40,301	7/1/2018	6/30/2019
Kida, Luann	Summer Zone	State Farm Insurance	100%	\$19,656	4/1/2018	3/31/2019

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Kida, Luann	Parent Cafes of the Broome County Promise Zone	NYS Parenting Educational Partnership	100%	\$2,000	12/1/2017	9/30/2018
Kida, Luann	Year 2: Family and Community Engagement Program	Johnson City School	33%	\$19,800	12/31/4712	12/31/4712
Kida, Luann	Community School Family Engagement	United Way of Broome County Incorporated	100%	\$46,089	7/1/2018	6/30/2019
Lee, Youjung	Helathy Grandfamilies (HGF) in Broome County Community Schools	United Way of Broome County Incorporated	100%	\$48,750	7/1/2018	6/30/2019
Mastroleo, Nadine	R21: mHealth Intervention for Depression and Alcohol Use among High-Risk men in coastal Kenya	Brown University	100%	\$46,761	7/1/2018	6/30/2020
Mastroleo, Nadine	Binghamton Adult Treatment Court (BATC) Stop! Think! Change! Program	Addiction Center of Broome County	100%	\$75,000	8/1/2016	7/31/2019
Mastroleo, Nadine	SWEAT: Smart Wearable and Economic Alcohol-monitoring Technology	National Institutes of Health	20%	\$81,192	8/1/2018	7/31/2020
Mastroleo, Nadine	R34: An Integrated Brief Alcohol and PTSD Intervention for Veterans in Primary Care	National Institute for Alcohol Abuse and Alcoholism	50%	\$323,079	9/1/2018	8/31/2021
Mellin, Elizabeth	Youth-Focused Civic Engagement in the Rust Belt	Corporation for National and Community Service	100%	\$91,264	10/1/2018	9/30/2020
Mellin, Elizabeth	Systemic Approaches to Educating Highly Mobile Students	SUNY at Buffalo	100%	\$42,683	7/1/2018	6/30/2022
Mikeska, Heidi	Summer Zones of Broome County Promise Zone	Broome County Youth Bureau	100%	\$22,000	1/1/2018	12/1/2018
Schaffer, David	Exploration of Machine Learning for Skill Acquisition	Griffiss Institute, Inc.	100%	\$46,000	5/15/2018	5/14/2019
			Total # Credited	19.61		
			Total \$ Credited	\$9,153,506		

020 CCPA Human Development

Chaudhry, Lubna	Lumina Fund for Racial Justice and Equity	Lumina Foundation	100%	\$100,000	5/1/2018	4/30/2019
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Wilton, Leo	R21: Exploring resilience in response to layered stigma and discrimination within the context of HIV care among HIV-infected Black men who have sex with men (BMSM) in the Deep South	Louisana Public Health Institute	100%	\$69,853	4/1/2018	3/31/2020
Wilton, Leo	Implementing an Integrated Model of Behavioral, Clinical, Social Network and Structural Interventions to Reduce Gaps in the Adolescent HIV Care Continuum: The i2i with Adolescents Study.	University of Rochester	100%	\$440,565	7/1/2018	6/30/2023
Wilton, Leo	R01: A national online study to understand disparities in use and uptake of Pre-Exposure prophylaxis (PrEP) to prevent HIV among racially/ethnically diverse communities	Columbia University	100%	\$481,635	9/1/2018	8/31/2023
				Total # Credited	4.00	
				Total \$ Credited	\$1,092,053	

020 CCPA Public Administration

Homsy, George	Local government and the lake: Evaluating lake protection efforts of New York's cities, towns, and villages	SUNY at Stony Brook	100%	\$10,603	4/1/2018	12/31/2019
Mischen, Pamela	BEARCAT: Building Energy Systems that Adapt, Renew, Contain and Transform	NYS Energy Research and Development Authority	33%	\$329,650	7/1/2018	6/30/2020
				Total # Credited	1.33	
				Total \$ Credited	\$340,253	

020 CCPA Social Work

Bransford, Cassandra	National Homelessness Social Work Initiative	University of Texas at Austin	100%	\$3,000	2/1/2017	1/31/2018
Bransford, Cassandra	Homelessness Initiative	University of Texas at Austin	100%	\$3,000	1/15/2018	1/14/2019
Lee, Youjung	Year 2: Family and Community Engagement Program	Johnson City School	34%	\$20,400	12/31/4712	12/31/4712

<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>
Young, Sarah	The Lesbian and Gay Family Building Project/ Pride and Joy Families (PAJF)	NYS Department of Health	33%	\$219,450	10/1/2018	9/30/2023
Young, Sarah	Can Affirmative Scripts be Hot? The Erotic Potential of Affirmative Consent	Pornhub Sexual Wellness Center	25%	\$6,250	7/1/2018	6/30/2019
			Total # Credited	2.92		
			Total \$ Credited	\$252,100		

020 CCPA Student Affairs Administration

Smith, Natesha	Engaging Cross-Cultural Impressions: An Exploration of Student Affairs Practices in the Gulf Region	American College Personnel Association	100%	\$10,000	11/1/2017	11/23/2018
Zilvinskis, John	Examining the Transition Experiences of First- year and Senior Students with Disabilities in Higher Education	National Resource Center	100%	\$5,000	10/1/2018	9/30/2019
Zilvinskis, John	Understanding the Engagement of Students with Disabilities along Multiple Aspects of Identity and Institutional Contexts	ACPA Foundation	100%	\$2,500	9/1/2018	5/1/2020
			Total # Credited	3.00		
			Total \$ Credited	\$17,500		

020 CCPA Teaching Learning Educ Leadership

Humphrey, Amy	Liberty Partnerships Family, Community Engagement and Special Initiatives	United Way of Broome County Incorporated	100%	\$40,818	7/1/2018	6/30/2019
Laats, Adam	Toe the Line: Joseph Lancaster and the Delusion of Early School Reform	Spencer Foundation	100%	\$50,000	7/1/2018	6/30/2019
Laats, Adam	Evolving from Humble Roots: Humility and Conviction in Public Life non-residential fellowship	University of Connecticut	100%	\$25,000	1/1/2018	5/31/2018
Mason-Williams, Loretta	Novice Teachers' Role, Race, and School Poverty: Relationships with Social Resources and Commitment to Teaching	Spencer Foundation	100%	\$50,000	9/1/2018	8/31/2019
Mason-Williams, Loretta	RET Site: Teachers and Researchers Engaging in Analytics for Development	National Science Foundation	50%	\$296,955	4/1/2018	3/31/2021

<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>
Rozalski, Michael	Becoming Mindful: How to Improve Students' Classroom Behavior and Decrease Anxiety with children's Literature and Yoga	National Education Association Foundation	100%	\$5,000	1/15/2018	1/14/2019
Sandoval, Pamela	Free Play in an After-School Program	Let Grow, Inc.	50%	\$5,000	1/1/2018	6/30/2018
Simpson, Amber	Strategies: Engineering a Community-Family Partnership: Developing a Program aimed at Making and Design Practices in Home Environments	National Science Foundation	100%	\$326,575	6/1/2018	5/31/2021
Simpson, Amber	Mathematics and Science Partnerships Program	Windsor Central School District	100%	\$28,771	9/1/2018	9/30/2019
Simpson, Amber	Community-University Partnership: Developing and Implementing STEM-relating Making and Tinkering Programs for Youth	Spencer Foundation	100%	\$50,000	8/1/2018	7/31/2020
Simpson, Amber	The Timelessness of Science: Multidisciplinary STEM Learning Through Archaeology	National Science Foundation	25%	\$74,943	7/1/2018	6/30/2020
Washburn, Erin	Using Project-based learning to Engage Striving Adolescent Learners with and in 21st Century Literacies	International Literacy Association	100%	\$5,000	5/1/2018	12/31/2018
			Total # Credited	10.25		
			Total \$ Credited	\$958,061		

020 Chemistry

An, Ming	CAREER: Intermediates of Transmembrane (TM) Helix Folding, Topogenesis, and Positioning	National Science Foundation	100%	\$660,164	7/1/2018	6/30/2023
An, Ming	Transmembrane Protein - Lipid Photocrosslinking by Directly Photo-clicking Cysteine with Lipid Double Bond	National Institutes of Health	100%	\$378,820	7/1/2018	6/30/2020
An, Ming	Molecular basis of the protonation-driven membrane insertion of pH-low insertion peptides	National Science Foundation	50%	\$367,386	7/1/2018	6/30/2021
Bernier, William	Cross Flow Filtration Test Bed	FuzeHub	100%	\$74,093	12/1/2017	11/30/2019

<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>
Bernier, William	R21: Near Infrared Dye-Nanoparticle Composites as a Platform for Photodynamic and Photothermal Treatment of Infections	National Institute of Biomedical Imaging and Bioengineering	50%	\$199,060	10/1/2018	9/30/2020
Callahan, Brian	R01: Focused Technology: Biocatalytic Approach to Protein-Nucleic Acid Conjugation, Development and Application	National Institutes of Health	100%	\$1,151,172	9/1/2018	8/31/2021
Chernova, Natalya	MRI: Development of a Hard X-ray PhotoElectron Spectroscopy (HAXPES) for the Advanced Interfaces of Materials (AIM) Center at Binghamton University	National Science Foundation	13%	\$319,505	7/1/2018	6/30/2023
Dimitrov, Nikolay	Mechanistic Studies in Electrochemical Atom Lay Deposition (E-ALD) by Surface Limited Redox Replacement (SLRR)	National Science Foundation	100%	\$341,731	7/1/2018	6/30/2021
Dimitrov, Nikolay	Interacting Effects of Grain Boundaries and Porosity on Damage of Metal Films Under Cyclic Loading	US Department of Energy	33%	\$260,681	9/1/2018	8/31/2022
Dimitrov, Nikolay	A Mechanistic Study of Electrochemical CO2 Reduction on Textured Copper Mamoelectrodes with Controlled Surface Structure	National Science Foundation	50%	\$264,086	4/1/2018	3/31/2021
Dimitrov, Nikolay	Mechanisms of Deformation and Fatigue of Nanoporous Metal Structures	National Science Foundation	33%	\$164,342	9/1/2018	8/31/2021
Fang, Jiye	A Mechanistic Study of Electrochemical CO2 Reduction on Textured Copper Mamoelectrodes with Controlled Surface Structure	National Science Foundation	50%	\$264,086	4/1/2018	3/31/2021
Fang, Jiye	Manipulating and Exploiting Lattice Strain as a Novel Platform to Tune the Surface Working Function of Metallic Nanocatalysts	National Science Foundation	100%	\$504,124	5/1/2018	4/30/2021
Fang, Jiye	Quansor Water Softener Controls Project	Quansor Corporation	50%	\$7,500	4/1/2018	8/31/2018
Fang, Jiye	Development of Advanced ORR/HOR nano-Electrocatalysts in Alkaline Media	Cornell University	100%	\$600,000	8/1/2018	7/31/2022
Fang, Jiye	Material and Confidential Disclosure Agreement	Mitsui	100%	\$2,500	12/28/2017	12/31/2019

<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>
Fang, Jiye	Design, Synthesis and Enhanced Spin Coherent Behaviors of Novel Quantum Systems	US Department of Energy	34%	\$1,528,371	10/1/2018	9/30/2021
Goyal, Puja	Proton-Coupled Electron Transfer in Batteries based on Quinone Crystals: Integrated Experimental and Theoretical Approach	Research Corporation for Science Advancement	100%	\$33,333	3/1/2018	2/28/2019
Goyal, Puja	R01: Structural basis of the cross-seeding in pathological post-translational modified beta-amyloid peptides	National Institute on Aging	25%	\$463,325	9/1/2018	8/31/2023
Grewer, Christof	R01: Substrate Specificity Determinants i Cancer-related Solute Carrier Transporters	Icahn School of Medicine at Mount Sinai	100%	\$478,882	4/1/2019	3/31/2024
Hirschi, Jennifer	R15: Transition State Analysis Based Catalyst Design	National Institutes of Health	100%	\$460,740	9/1/2018	8/31/2021
Hirschi, Jennifer	Design of Selective Mycobacterial Enzyme Inhibitors	SUNY at Buffalo	100%	\$210,943	7/1/2018	6/30/2022
Hirschi, Jennifer	Design of selective mycobacterial enzyme inhibitors	SUNY at Buffalo	100%	\$78,099	7/1/2018	6/30/2021
Panetier, Julien	Computational Modeling of Novel Molecular Electrocatalysts featuring N-heterocyclic Carbene Ligands for Carbon Dioxide Reduction	National Science Foundation	100%	\$287,148	7/1/2018	6/30/2021
Panetier, Julien	R15: Computational Modeling of Carbon Monoxide Dehydrogenase Model Systems for Carbon Dioxide Fixation	National Institutes of Health	100%	\$429,960	1/1/2019	12/31/2021
Panetier, Julien	Mechanistic Studies of Carbon-Sulfur Bond Activation at Transition Metal Centers	American Chemical Society	100%	\$110,000	9/1/2019	8/31/2021
Qiang, Wei	Molecular basis of the protonation-driven membrane insertion of pH-low insertion peptides	National Science Foundation	50%	\$367,386	7/1/2018	6/30/2021
Qiang, Wei	MRI: Acquisition of a Transmission Electron Microscope	National Science Foundation	34%	\$280,007	1/1/2019	12/31/2021
Qiang, Wei	Correlating molecular structure of beta-amyloid aggregates to their neurotoxicity: insights from cellular membrane disruption	Camille and Henry Dreyfus Foundation Incorporated	100%	\$75,000	7/1/2018	6/30/2023

<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>
Qiang, Wei	R01: Structural basis of the cross-seeding in pathological post-translational modified beta-amyloid peptides	National Institute on Aging	50%	\$926,651	9/1/2018	8/31/2023
Rozners, Eriks	R35: Chemical Approaches to Control the Function of Regulatory RNAs	National Institutes of Health	100%	\$2,059,400	9/1/2018	8/31/2023
Rozners, Eriks	Supplement: Collaborative Research: Nucleobase-Modified Peptide Nucleic Acid (PNA) for Sequence Selective Triple-Helical Recognition of Non-Coding Ribonucleic Acid (RNA)	National Science Foundation	100%	\$19,000	7/1/2018	7/31/2020
Rozners, Eriks	2018 Go Green Summer Institute	Binghamton City School District	100%	\$97,000	5/1/2018	9/30/2018
Sadik, Omowunmi	A Self-Sustainable, High-Throughput Paper-Based Biosensor for Surveillance and Identification of Citrus Diseases	Bill and Melinda Gates Foundation	50%	\$50,000	11/1/2018	4/30/2020
Solmaz, Sozanne	Establishing general principles for cargo selection by the dynein adaptor Bicaudal D2	National Science Foundation	100%	\$695,829	7/1/2018	6/30/2021
Solmaz, Sozanne	R15: Cell cycle-specific recognition of the cell nucleus as cargo for dynein-dependent transport	National Institute of General Medical Sciences	100%	\$450,480	1/1/2019	12/31/2021
Vetticatt, Mathew	R01: Novel Concepts and Mechanistic Probes in Catalysis	National Institute of General Medical Sciences	100%	\$1,928,300	7/1/2018	6/30/2023
Vetticatt, Mathew	S10: 400 MHz NMR Spectrometer for Regional NMR Facility	National Institutes of Health	100%	\$600,000	2/1/2019	1/31/2020
Whittingham, M Stanley	Match to NorthEast Center for Chemical Energy Storage (NECCES)	Empire State Development Corp	75%	\$1,500,000	7/1/2018	6/30/2022
Whittingham, M Stanley	NorthEast Center for Chemical Energy Storage (NECCES)	US Department of Energy	70%	\$11,130,000	8/1/2018	7/31/2022
Zhong, Chuan-Jian	PFI: AIR-TT: Low-Temperature Catalysts for Emission Control Systems	National Science Foundation	100%	\$200,000	9/1/2018	2/29/2020
Zhong, Chuan-Jian	INTERN DCL Supplement to PFI: AIR-TT: Scale-Up Synthesis of Nanoparticles for Manufacturing Microelectrodes and Sensing Films of Indoor Air Quality Chemiresistor Sensors	National Science Foundation	100%	\$39,770	9/1/2018	2/28/2019

<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>
Zhong, Chuan-Jian	MRI: Acquisition of a Transmission Electron Microscope	National Science Foundation	33%	\$271,772	1/1/2019	12/31/2021
Zhong, Chuan-Jian	Room-Temperature Sinterable Conductive Copper-Nanoalloys for Scalable Manufacturing of Paper-Based Sensors	National Science Foundation	50%	\$243,799	7/1/2018	6/30/2021
Zhong, Chuan-Jian	Plasmonic-Magnetic Nanoprobes for Detection of Cancer Biomarkers in the Microfluidic Platform	National Institutes of Health	50%	\$212,247	3/1/2018	2/29/2020
Zhong, Chuan-Jian	I-Corps: Air-Stable and Low-Cost Metal Inks for Wearable Electronics and Sensors	National Science Foundation	100%	\$50,000	4/1/2018	9/30/2018
				Total # Credited	35.50	
				Total \$ Credited	\$30,836,689	

020 Comparative Literature

Shamma, Tarek	Grant Transfer/Subaward - National Priorities Research Program - Qatar National Research Fund (QNRF)	Hamad Bin Khalifa University	100%	\$46,236	2/10/2018	11/14/2018
				Total # Credited	1.00	
				Total \$ Credited	\$46,236	

020 Computer Science

Chiu, Kenneth	Spokes: SMALL: NORTHEAST: Collaborative: Building the Community to Address Data Integration of the Ecological Long Tail	National Science Foundation	100%	\$175,838	4/1/2018	3/31/2020
Dai, Weiyang	CAREER: Computational modeling of resting brain function	National Science Foundation	100%	\$499,993	7/1/2018	6/30/2023
Dai, Weiyang	CRCNS Research Proposal: Global Integration of Brain Functional Networks	National Science Foundation	50%	\$365,938	7/1/2018	6/30/2021
Dai, Weiyang	Aberrant brain networks associated with symptoms in psychosis	National Institutes of Health	100%	\$461,129	4/1/2019	3/31/2021
Ghose, Kanad	R21: Autonomous Detector Blocks for Brain PET with 50PS Coincidence Timing Resolution	Cornell University	33%	\$24,150	4/1/2018	3/31/2020

<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>
Ghose, Kanad	Early stage development of next generation brain PET technology with ultrahigh spatial and temporal resolution	Cornell University	33%	\$99,106	9/1/2018	8/31/2020
Gopalan, Kartik	Lightweight Hypervisor-Level Mechanisms for Guest Security and Reliability	ITRI International Incorporated	100%	\$100,000	5/17/2017	4/18/2018
Gopalan, Kartik	REU Supplement for NSF 1527338, CSR: Small: Multi-hypervisor Virtual Machines-Enabling an Ecosystem of Hypervisors in the Cloud	National Science Foundation	100%	\$16,000	1/1/2018	12/1/2018
Kang, Kyoung-Don	CPS: Small: Cost-Effective Real-Time Data Stream Processing in Cyber-Physical Systems	National Science Foundation	100%	\$499,999	1/1/2019	12/31/2021
Lewis, Michael	RET Site: Teachers and Researchers Engaging in Analytics for Development	National Science Foundation	50%	\$296,955	4/1/2018	3/31/2021
Liu, Yao	ProjecTile: Flexible and Efficient 360-degree Video Streaming	Google Incorporated	100%	\$47,700	7/1/2018	6/30/2019
Liu, Yao	CSR: Small: Collaborative Research: System Research to Explore Flexible and Efficient Tiling for 360-degree Video Streaming	National Science Foundation	100%	\$249,720	9/1/2018	8/31/2021
Liu, Yu	CSR: Small: Language Runtime Support for Energy-Aware Applications	National Science Foundation	100%	\$499,686	7/1/2018	6/30/2021
Liu, Yu	SHF: Small: Lazy Data Structures for Data-Intensive Applications	National Science Foundation	100%	\$499,686	7/1/2018	6/30/2021
Liu, Yu	CRI: CI-New: Collaborative Research: Extensible, Software Enabled, Unmanned Aerial Vehicles	National Science Foundation	100%	\$366,251	1/1/2019	12/31/2021
Liu, Yu	FMitF: Collaborative Research: Principled Energy Management across Applications and Operative Systems	National Science Foundation	100%	\$409,023	12/1/2018	11/30/2022
Lu, Hui	CRII: CSR: Toward Streamlined End-to-End Storage I/O in Cloud Data Centers	National Science Foundation	100%	\$174,987	7/1/2018	6/30/2020
Lu, Hui	CSR: Small: Toward Streamlined End-to-End Storage I/O in Cloud Data Centers	National Science Foundation	100%	\$499,928	7/1/2018	6/30/2021
Meng, Weiyi	Machine Learning Approaches for Web-based Factoid Statement Truthfulness Verification	Amazon.com	100%	\$100,000	1/1/2018	12/31/2018

<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>
Ponomarev, Dmitry	SaTC: CORE: Small: Collaborative: Exploiting Temporal and Spatial Locality to Accelerate Dynamic Information Flow Tracking	National Science Foundation	100%	\$249,625	9/1/2018	8/31/2021
Ponomarev, Dmitry	Securing SGX Enclaves from Side-Channel Attacks	Intel Corporation	100%	\$274,286	9/1/2018	8/31/2021
Prakash, Aravind	Design of Hardware Simplex Controllers and Intelligent Monitors for Surviving Cyber-Attacks on Energy Systems	University of Central Florida	100%	\$249,998	10/1/2020	9/30/2021
Ramesh, Arti	CRII: III: Latent Factors in Alcoholism: Analysis and Models	National Science Foundation	100%	\$174,993	7/1/2018	6/30/2020
Ramesh, Arti	Towards Privacy-aware Personal Assistants	Amazon.com	50%	\$50,000	1/1/2018	12/31/2018
Ramesh, Arti	Interpretable Latent Variable Models for Understanding Alcohol Use Disorder	Bloomberg LP	100%	\$60,000	7/1/2018	6/30/2019
Seetharam, Anand	CRII: NeTS: Information-centric Hybrid Networks - Protocol Design and Experimentation	National Science Foundation	100%	\$174,930	7/1/2018	6/30/2020
Seetharam, Anand	NeTS: Small: Design and Analysis of Caching and Forwarding Algorithms for Wireless Cache Networks	National Science Foundation	100%	\$490,427	7/1/2018	6/30/2021
Seetharam, Anand	Information-centric Wireless Networks - Protocol Design and Experimentation	Comcast	100%	\$56,200	7/1/2018	6/30/2019
Sha, Mo	Collaborative Research: Data-Driven Distributed Solar Energy Sharing within Connected Communities	National Science Foundation	100%	\$150,000	7/1/2018	6/30/2021
Sha, Mo	CSR: NeTS: Small: Collaborative Research: Smart and Agile Manufacturing Through Integration of Edge Analytics with Self-Adapting Wireless Networks for IIoT	National Science Foundation	100%	\$119,985	6/1/2018	5/31/2021
Sha, Mo	SCC: Towards Cost-effective Smart Transportation Service Delivery	National Science Foundation	50%	\$605,781	9/1/2018	8/31/2022
Wang, Yan	SCC: Towards Cost-effective Smart Transportation Service Delivery	National Science Foundation	50%	\$605,781	9/1/2018	8/31/2022

<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>
Wang, Yan	R21 - Assessment of Asthma Education Through Face to Face Instruction, Mobile Applications and a Novel Approach Using Humanoid Robots: A Block Randomization Study	National Institutes of Health	10%	\$32,981	4/1/2019	3/31/2021
Wang, Yan	Towards Privacy-aware Personal Assistants	Amazon.com	50%	\$50,000	1/1/2018	12/31/2018
Wang, Yan	CSR: Small: Collaborative Research: Turning Any Solid Surface into a Touch Screen via Vibration	National Science Foundation	100%	\$150,000	7/1/2018	6/30/2021
Yan, Guanhua	CAREER: Cyber Deception Against Advanced Persistent Threats: Theory and Practice	National Science Foundation	100%	\$486,581	7/1/2018	6/30/2023
Yin, Lijun	4D Geometric Object/Video Collection and analysis for Efficient Representation and Retrieval	Google Incorporated	100%	\$67,600	7/1/2018	6/30/2019
Yu, Lei	Diverse and Safe Reinforcement Learning for Dynamic Agent Generation and Remediation Systems	Assured Inforamtion Security, Inc.	100%	\$898,630	4/2/2018	4/1/2022
Yu, Lei	IIS: RI: Fast and Reliable Online Learning for Robust Autonomy	National Science Foundation	100%	\$499,498	7/1/2018	6/30/2021
Zhang, Yifan	CAREER: Edge-hosted Personal Service: Toward Extensible, Scalable, and Low Latency Mobile-Cloud Computing	National Science Foundation	100%	\$479,603	7/1/2018	6/30/2023
Zhang, Yifan	CSR: Small: Enabling Private Services on the Edge - Towards Extensible, Scalable, and Low-latency Mobile-Cloud Computing	National Science Foundation	100%	\$499,997	7/1/2018	6/30/2021
Zhang, Zhongfei	SaTC: CORE: Small: Safeguard Cyberspace Security and Trustworthiness	National Science Foundation	100%	\$499,978	9/1/2018	8/31/2021
Zhang, Zhongfei	Adaptive Network Modeling of Real-World Temporal Network Dynamics	National Science Foundation	17%	\$77,574	6/1/2018	5/31/2021
				Total # Credited	36.93	
				Total \$ Credited	\$12,390,536	

020 Computing Services Admin

<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>
Cortesi, Timothy	CC* Networking Infrastructure: Data Driven Networking Infrastructure, Enhanced Research Connectivity for Collaboration at Binghamton University (ERCC)	National Science Foundation	33%	\$127,977	7/1/2018	6/30/2020
Madduri, Sushma	CC* Networking Infrastructure: Data Driven Networking Infrastructure, Enhanced Research Connectivity for Collaboration at Binghamton University (ERCC)	National Science Foundation	34%	\$131,855	7/1/2018	6/30/2020
Roth, Joseph	CC* Networking Infrastructure: Data Driven Networking Infrastructure, Enhanced Research Connectivity for Collaboration at Binghamton University (ERCC)	National Science Foundation	33%	\$127,977	7/1/2018	6/30/2020
				Total # Credited	1.00	
				Total \$ Credited	\$387,809	

020 Decker School of Nursing/Health and Wellness Studies

Begdache, Lina	The Chicago Food and Nutrition Conference and Expo	NYS Health Foundation	100%	\$2,000	10/1/2017	12/31/2017
Begdache, Lina	Individualized Dietary and Lifestyle (IDIEL) Program to Support Mental Wellbeing in Division I Athletes Individualized Dietary and Lifestyle (IDIEL) Program to Support Mental Wellbeing in Division I At	National Collegiate Athletic Association	50%	\$12,500	3/1/2018	2/28/2019
Begdache, Lina	CIFAR - Azrieli Global Scholar	Canadian Institute for Advanced Research	100%	\$79,463	7/1/2018	6/30/2019
Begdache, Lina	SWEAT-hs: Smart Wearable and Economic Appliance and Technology for Health and Stress Monitoring	Samsung Advanced Institute on Technology	33%	\$49,500	10/1/2018	9/30/2019
				Total # Credited	2.83	
				Total \$ Credited	\$143,463	

020 Decker School Of Nursing/Nursing

<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>
Atav, A	A Social Marketing and Participatory Modeling Approach for Optimizing Use of Antibiotics for Acute Respiratory Tract Infections	National Institutes of Health	33%	\$795,627	4/1/2019	3/31/2024
Darling, Rosa	R21 - Assessment of Asthma Education Through Face to Face Instruction, Mobile Applications and a Novel Approach Using Humanoid Robots: A Block Randomization Study	National Institutes of Health	20%	\$65,962	4/1/2019	3/31/2021
Johnston, Yvonne	South Central New York Fruit & Vegetable Prescription (FVRx) Program	Rural Health Network of South Central New York	100%	\$11,500	4/1/2018	7/31/2019
Johnston, Yvonne	South Central NY Fruit and Vegetable Prescription Program (FVRx)	Rural Health Network of South Central New York	100%	\$11,500	4/1/2017	3/31/2018
Johnston, Yvonne	Prescription to Ride Program Evaluation	HealthlinkNY	100%	\$43,481	7/1/2017	6/30/2018
Myers, Ann	Prevention of Hip Fractures	Multiple Sponsors	50%	\$5,000	9/1/2017	8/31/2019
Ortiz, Mario	Nursing Education, Practice, Quality and Retention (NEPQR) - Registered Nurses in Primary Care (RNPC) Training Program:	Bassett Healthcare	100%	\$180,198	7/1/2018	6/30/2022
Quaranta, Judith	R21 - Assessment of Asthma Education Through Face to Face Instruction, Mobile Applications and a Novel Approach Using Humanoid Robots: A Block Randomization Study	National Institutes of Health	40%	\$131,923	4/1/2019	3/31/2021
				Total # Credited	5.43	
				Total \$ Credited	\$1,245,191	

020 Economics

Khanna, Neha	Defining Mechanisms of Exposure: Using Satellite Data to Measure Air Emissions from Shale Gas Development	University of Rochester	100%	\$5,000	6/1/2018	5/31/2019
Pape, Andreas	New Frontiers in Understanding Human Concept Learning: Advancing Theory and Pedagogy	National Science Foundation	50%	\$331,878	7/1/2018	6/30/2021

<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>
Pape, Andreas	New Frontiers in Understanding Human Concept Learning: Advancing Theory and Pedagogy	National Science Foundation	50%	\$331,879	7/1/2018	6/30/2021
Pape, Andreas	NRT: Interdisciplinary STEM Training on Human Social Complexity via an Orthogonal Subject-Skill Curricular Matrix	National Science Foundation	20%	\$599,801	9/1/2018	8/31/2023
			Total # Credited	2.20		
			Total \$ Credited	\$1,268,558		

020 Electrical and Computer Engineering

Akyol, Emrah	Transparent & Gaming-Aware Bayesian Machine Learning via Game & Information Theoretic Tools	Amazon.com	100%	\$80,000	12/1/2017	12/31/2018
Akyol, Emrah	CIF: Small: Collaborative Research: Methods and Bounds for Strategic Communication	National Science Foundation	100%	\$299,999	7/1/2018	6/30/2021
Akyol, Emrah	Game and Information Theoretic Models of Strategic Misinformation Transmission	Defense Advanced Research Projects Agency (DARPA)	100%	\$328,370	7/1/2018	6/30/2021
Akyol, Emrah	EAGER: Real-Time: Collaborative Research: Adaptive learning and decision-making for energy-efficient environmental monitoring systems	National Science Foundation	100%	\$150,000	10/1/2018	9/30/2020
Chen, Yu	A Testbed for Dynamic Bi-Directional Data Surveillance through Internet of Things based Virtual Reality (VR) and Augmented Reality (AR)	US Department of Defense	50%	\$35,972	6/15/2018	5/14/2019
Chen, Yu	AIR-TRAC: Artificial Intelligence based Real-Time Responding and Combating Violence by Predictive Surveillance Analytics	US Department of Justice	30%	\$304,259	1/1/2019	12/31/2021
Chen, Yu	CSR: Small: Collaborative Research: iSENSE: Intelligent Surveillance as an Edge Network Service	National Science Foundation	50%	\$150,000	8/15/2018	8/14/2021
Chen, Yu	SCC:BIST: Building Intelligent Social Trust for Public Safety through Dynamic Data Integration	University of Missouri at Kansas City	50%	\$175,000	9/1/2018	8/31/2021

<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>
Choi, Seokheun	CAREER: Supercapacitive Micro-Bio-Photovoltaics for Sustainable Wireless Sensor Networks	National Science Foundation	100%	\$500,000	7/1/2018	6/30/2023
Choi, Seokheun	Supercapacitive Micro-Bio-Photovoltaics for Sustainable Wireless Sensor Networks	US Navy Office of Naval Research	100%	\$510,000	3/1/2018	2/28/2021
Choi, Seokheun	A Self-Sustainable, High-Throughput Paper-Based Biosensor for Surveillance and Identification of Citrus Diseases	Bill and Melinda Gates Foundation	50%	\$50,000	11/1/2018	4/30/2020
Das, Pritam	Nine-Switch Bi-directional Converter for Three Phase AC to DC Conversion with Isolation Applicable to Electric Vehicles and More-Electric Aircraft Systems	North Carolina State University	100%	\$249,999	7/1/2018	6/30/2019
Das, Pritam	A Flexible Storage plus DER Solution for Warehouse Energy Management	NYS Energy Research and Development Authority	50%	\$500,000	7/1/2018	6/30/2021
Das, Pritam	NYSTAR - Empire State Development Division of Science, Technology and Innovation	Empire State Development Corp	34%	\$169,984	10/1/2018	9/30/2020
Dhakal, Tara	Quansor Water Softener Controls Project	Quansor Corporation	50%	\$7,500	4/1/2018	8/31/2018
Dhakal, Tara	NYSTAR - Empire State Development Division of Science, Technology and Innovation	Empire State Development Corp	33%	\$164,985	10/1/2018	9/30/2020
Dhakal, Tara	Design, Synthesis and Enhanced Spin Coherent Behaviors of Novel Quantum Systems	US Department of Energy	33%	\$1,483,419	10/1/2018	9/30/2021
Dhakal, Tara	CAREER: Toward Twenty Year Lifetime:Hermetic Sealing for Perovskite Solar Cells	National Science Foundation	100%	\$500,000	7/1/2018	6/30/2023
Dhakal, Tara	Ultra-High Energy Density Nano-Structured Thin Film Dielectric Capacitor	US Navy Office of Naval Research	100%	\$544,620	6/1/2018	5/31/2021
Dhakal, Tara	NEXUS-NY - Phase I	High Tech Rochester	100%	\$10,000	1/22/2018	4/13/2018
Goljan, Miroslav	FINDCamera Research and Testing	Federal Bureau of Investigation Forensic Audio, Video and Im	100%	\$94,980	9/1/2017	8/31/2018
Guo, Linke	SaTC: Core: Small: Machine Learning in Black-Box Adversarial Settings: Attacks, Analysis, and Countermeasures	National Science Foundation	100%	\$499,999	9/1/2018	8/31/2021

<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>
Guo, Linke	CSR: Small: Collaborative Research: Enabling Wearable Devices for Securing Unmanned Aerial Systems	National Science Foundation	100%	\$199,999	9/1/2018	8/31/2021
Guo, Linke	SpecEES: Attention-Emulating Wireless Receiver for Efficient and Secure Spectrum Sharing	National Science Foundation	50%	\$375,000	7/1/2018	6/30/2021
Hu, Miao	Experiment verified RRAM simulator for accelerator	Huawei Technologies Co., Ltd.	100%	\$70,000	10/1/2017	9/30/2018
Hu, Miao	CSR: Small: Collaborative Research: Memristive Crossbar Array for Low Power Medical IoT Devices	National Science Foundation	100%	\$299,514	9/1/2018	8/31/2021
Klotzkin, David	High Speed Analysis of Charging/Receiving Inductors	Prismark Partners LLC	100%	\$2,000	10/1/2017	12/31/2017
Li, Xiaohua	SpecEES: Attention-Emulating Wireless Receiver for Efficient and Secure Spectrum Sharing	National Science Foundation	50%	\$375,000	7/1/2018	6/30/2021
Rastogi, Alok	Exploration of Pulsed Electrodeposition in Ionic Liquids for Controlled Synthesis of Cu ₂ ZnSnS ₄ (CZTS) and like Earth Abundant Semiconductor Thin Films for Solar Cells	National Science Foundation	100%	\$297,924	7/1/2018	6/30/2021
Summerville, Douglas	Assured and Trusted Microelectronics Solutions, FPGA Assurance - Tamper Detection - Chameleon Circuit	Lockheed Martin Corporation	100%	\$539,757	4/1/2018	3/31/2020
Summerville, Douglas	SBIR: Secure INtropection for Trusted Hardware (SINTH)	Assured Inforamtion Security, Inc.	100%	\$49,500	3/1/2018	12/31/2018
Zhang, Ziang	COLLABORATIVE RESEARCH: Joint Energy Management of Production Facilities and the On-Site Microgrid for Resilient Manufacturing	National Science Foundation	50%	\$81,351	1/1/2018	12/31/2020
Zhang, Ziang	A demonstration of an Advanced Energy Storage System at a 400 kW Combined Heat and Power Facility in Binghamton, N.Y.	Customized Energy Solutions, LTD	100%	\$187,880	1/1/2018	12/31/2020
Zhang, Ziang	BEARCAT: Building Energy Systems that Adapt, Renew, Contain and Transform	NYS Energy Research and Development Authority	34%	\$339,639	7/1/2018	6/30/2020

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Zhang, Ziang	A Flexible Storage plus DER Solution for Warehouse Energy Management	NYS Energy Research and Development Authority	50%	\$500,000	7/1/2018	6/30/2021
Zhang, Ziang	NYSTAR - Empire State Development Division of Science, Technology and Innovation	Empire State Development Corp	33%	\$164,985	10/1/2018	9/30/2020
Zhang, Ziang	EAGER: Real-Time: Collaborative Research: Integration of Physical and Data-driven Models for Real-Time Stability Enhancement of Inverter-interfaced Power Systems	National Science Foundation	50%	\$100,000	1/1/2019	12/31/2020
Zhou, Ning	Algorithm Development for Hybrid State Estimation - FY18	Pacific Northwest National Laboratory	100%	\$90,000	1/31/2018	1/30/2021
Zhou, Ning	Algorithm Development for Robust Dynamic State Estimation - FY18	Pacific Northwest National Laboratory	100%	\$30,000	10/15/2017	12/30/2017
Zhou, Ning	CAREER: Learning from Measurement Data and Expert Knowledge for Modeling Complex and Time-Varying Power Grids	National Science Foundation	100%	\$500,000	7/1/2018	6/30/2023
				Total # Credited	30.47	
				Total \$ Credited	\$11,011,634	

020 Entrepreneurship and Innovation Partnerships

Mcleod, Kenneth	Developing an Entrepreneurial Mindset in First-Year Women Students	VentureWell	100%	\$28,250	6/1/2018	5/31/2020
Stromhaug, Per	The Southern Tier M-Corps Program	NYS Energy Research and Development Authority	50%	\$1,000,000	3/1/2018	2/29/2020
Stromhaug, Per	Clean Energy EIR Program	NYS Energy Research and Development Authority	100%	\$4,000,000	7/1/2018	6/30/2022
				Total # Credited	2.50	
				Total \$ Credited	\$5,028,250	

020 Geography

Deng, Chengbin	SCC:BIST: Building Intelligent Social Trust for Public Safety through Dynamic Data Integration	University of Missouri at Kansas City	40%	\$140,000	9/1/2018	8/31/2021
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<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>
Deng, Chengbin	AIR-TRAC: Artificial Intelligence based Real-Time Responding and Combating Violence by Predictive Surveillance Analytics	US Department of Justice	25%	\$253,549	1/1/2019	12/31/2021
Holmes, Louisa	Impact of New Policies on Young Adult Tobacco and Marijuana Use	University of California at San Francisco	100%	\$114,596	4/1/2018	3/31/2021
Holmes, Louisa	Linking Behavior, Neighborhood and Retail Data to Understand Local Tobacco Disparities	National Institutes of Health	100%	\$3,990,940	7/1/2018	6/30/2023
Yu, Wan	Community and Immigrant Civic Engagement in the United states	University of California Riverside	100%	\$33,881	10/1/2017	9/30/2018
Yu, Wan	Collaborative Research: Examination of Transnational Academic Migration in Higher Education between China and the United States	National Science Foundation	100%	\$110,987	8/1/2018	7/31/2021
				Total # Credited	4.65	
				Total \$ Credited	\$4,643,953	

020 Geological Sciences

De Smet, Timothy	Integrating magnetometry and bathymetric lidar in detection and characterization of marine munitions in shallow-water environments	Strategic Environmental Research and Development Program	33%	\$66,000	4/15/2019	4/14/2020
Lowenstein, Tim	Collaborative Research: Green River Eocene Earth and Climate Observatory (GREECO)	National Science Foundation	100%	\$246,500	7/1/2018	6/30/2023
Nikulin, Alex	Integrating magnetometry and bathymetric lidar in detection and characterization of marine munitions in shallow-water environments	Strategic Environmental Research and Development Program	34%	\$68,000	4/15/2019	4/14/2020
Patterson, Molly	IODP Expedition 374 (Ross Sea West Antarctic Ice Sheet History)	Columbia University	100%	\$34,714	1/1/2018	2/28/2019
Patterson, Molly	Collaborative Research: The role of the Northwest Pacific Ocean in regional and Arctic-Antarctic Plio-Pleistocene climate teleconnections	National Science Foundation	100%	\$284,127	7/1/2018	6/30/2021

<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>
Patterson, Molly	Assessing the role of periodic and non-periodic processes on West Antarctic Ice Sheet stability/instability and deep water formation	US Science Support Program, IODP	100%	\$17,762	7/1/2018	9/30/2019
Pietras, Jeffrey	Integrating magnetometry and bathymetric lidar in detection and characterization of marine munitions in shallow-water environments	Strategic Environmental Research and Development Program	33%	\$66,000	4/15/2019	4/14/2020
				Total # Credited	5.00	
				Total \$ Credited	\$783,103	

020 Harpur College Dean/Womens Studies

Massey, Sean	The Lesbian and Gay Family Building Project/Pride and Joy Families (PAJF)	NYS Department of Health	34%	\$226,100	10/1/2018	9/30/2023
Massey, Sean	NYSDOH C028621-COLA for 2017-2018 (LGBT Project)	NYS Department of Health	50%	\$5,086	4/1/2017	3/31/2018
Massey, Sean	The Network Legislative Enhancement Project Statewide	AIDS Institute of New York	50%	\$2,778	4/1/2017	3/31/2018
Massey, Sean	Can Affirmative Scripts be Hot? The Erotic Potential of Affirmative Consent	Pornhub Sexual Wellness Center	25%	\$6,250	7/1/2018	6/30/2019
Silberstein, Dara	NYSDOH C028621-COLA for 2017-2018 (LGBT Project)	NYS Department of Health	50%	\$5,086	4/1/2017	3/31/2018
Silberstein, Dara	The Network Legislative Enhancement Project Statewide	AIDS Institute of New York	50%	\$2,778	4/1/2017	3/31/2018
Silberstein, Dara	The Lesbian and Gay Family Building Project/Pride and Joy Families (PAJF)	NYS Department of Health	33%	\$219,450	10/1/2018	9/30/2023
				Total # Credited	2.92	
				Total \$ Credited	\$467,527	

020 Health Outcomes and Administrative Sciences

Cosler, Leon	A Social Marketing and Participatory Modeling Approach for Optimizing Use of Antibiotics for Acute Respiratory Tract Infections	National Institutes of Health	33%	\$795,627	4/1/2019	3/31/2024
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<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>
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Total # Credited **0.33**
Total \$ Credited **\$795,627**

020 Library Services

Shephard, Edward	HCRR: The Dissemination of Jansenism in Provincial France: A Case Study of 17th Century Dijon using Digital Techniques and Bibliometric Tools	National Endowment for the Humanities	100%	\$50,825	5/1/2018	12/1/2019
Shephard, Edward	2017-2018 Coordinated Collection Development Aid	NYS Education Department	100%	\$21,305	7/1/2017	6/30/2018

Total # Credited **2.00**
Total \$ Credited **\$72,130**

020 Mathematical Sciences

Chen, Mei-Hsiu	R21 - Assessment of Asthma Education Through Face to Face Instruction, Mobile Applications and a Novel Approach Using Humanoid Robots: A Block Randomization Study	National Institutes of Health	15%	\$49,471	4/1/2019	3/31/2021
Dang, Sanjeena	Clustering and classification of matrix-variate RNA-seq data	National Science Foundation	100%	\$269,401	7/1/2018	6/30/2021
Dobbins, Michael	Analogues of the Grassmannian	National Science Foundation	100%	\$141,042	7/1/2018	6/30/2021
Kargin, Vladislav	Markov chain evolution of random geometric systems	National Science Foundation	100%	\$218,925	7/1/2018	6/30/2021
Malkiewich, Cary	Fixed-point theory and trace methods in algebraic K-theory	National Science Foundation	100%	\$214,877	9/1/2018	8/31/2021
Malkiewich, Cary	Fixed-point theory and trace methods in algebraic K-theory	Simons Foundation	100%	\$42,000	9/1/2018	8/31/2023
Ontaneda, Pedro	Negative and Nonpositive Curvature: Implications and Constructions	National Science Foundation	100%	\$375,653	7/1/2018	6/30/2021

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Polunchenko, Aleksey	CSR: Small: Collaborative Research: iSENSE: Intelligent Surveillance as an Edge Network Service	National Science Foundation	50%	\$150,000	8/15/2018	8/14/2021
Polunchenko, Aleksey	AIR-TRAC: Artificial Intelligence based Real-Time Responding and Combating Violence by Predictive Surveillance Analytics	US Department of Justice	25%	\$253,549	1/1/2019	12/31/2021
Qiao, Xingye	R21: Integrating novel data analytics for identifying drug targets and pathways in ovarian cancer	Case Western Reserve University	100%	\$21,588	7/1/2018	6/30/2020
Qiao, Xingye	CIF: Small: Collaborative Research: Scalable and Distributed Classification with Statistical Guarantees: Nearest Neighbor and Random Forest	National Science Foundation	100%	\$233,371	7/1/2018	6/30/2021
Qiao, Xingye	Adaptive Network Modeling of Real-World Temporal Network Dynamics	National Science Foundation	33%	\$155,101	6/1/2018	5/31/2021
Qiao, Xingye	CRCNS Research Proposal: Global Integration of Brain Functional Networks	National Science Foundation	50%	\$365,938	7/1/2018	6/30/2021
Qiao, Xingye	Theory and Methods for Big and Complex Data Classification	Simons Foundation	100%	\$42,000	9/1/2018	8/31/2023
Qiao, Xingye	R21: Integrating novel data analytics for identifying drug targets and pathways in ovarian cancer	Case Western Reserve University	100%	\$21,588	9/1/2018	8/31/2020
Sapir, Eugenia	Combinatorial Teichmuller Theory	National Science Foundation	100%	\$214,878	9/1/2018	8/31/2021
Sapir, Eugenia	Combinatorial Teichmuller Theory	Simons Foundation	100%	\$42,000	9/1/2018	8/31/2023
Williams, Jonathan	Topology of smooth 4-manifolds	National Science Foundation	100%	\$211,819	7/1/2018	6/30/2021
Xu, Ganggang	Collaborative Research: Non-and semi-parametric modeling of structured human activity patterns using point processes	National Science Foundation	100%	\$99,029	5/15/2018	5/14/2021
Zhou, Gang	Mathematical problems in nonequilibrium statistical mechanics, and new methods in geometric flows	National Science Foundation	100%	\$141,755	7/1/2018	6/30/2021

<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>
Zhou, Gang	Quantum Friction, Resonance Problems and New Methods in Geometric Flows	National Science Foundation	100%	\$18,095	10/1/2017	7/31/2018
			Total # Credited	17.73		
			Total \$ Credited	\$3,282,080		

020 Mechanical Engineering

Chiarot, Paul	R01: Molecular Mechanisms of Outer Membrane Vesicle Biogenesis	National Institute of Allergy and Infectious Disease	15%	\$280,436	7/1/2018	6/30/2023
Chiarot, Paul	Electrospray Deposition of PTFE Coatings (Phase III)	Edgewell Personal Care	100%	\$65,906	6/1/2018	5/31/2019
Chiarot, Paul	Synthetic Outer Membrane Vesicles as Drug Delivery Vehicles Against Bacterial Biofilms	National Institutes of Health	50%	\$202,195	4/1/2019	3/31/2021
Cho, Junghyun	Microstructure Evaluation of New SAC Solders	Analog Devices	100%	\$13,635	5/28/2018	9/27/2018
Cho, Junghyun	Electronic Package Interconnects and Materials	Universal Instruments Corporation	100%	\$25,034	7/24/2017	12/31/2017
Cho, Junghyun	GOALI: Tailoring the Microstructure of Bismuth Alloys for New Pb-Free Solder Developments	National Science Foundation	100%	\$373,108	4/1/2018	3/31/2021
Cho, Junghyun	Enhanced Thermal Transport in Lead-Free Intermetallic Interconnects	National Science Foundation	50%	\$166,451	6/1/2018	5/31/2021
Cho, Junghyun	SBIR: Prevention of Biofilm Formation using Nanocomposite Coating Technology for Dental Unity Applications	N2 Biomedical LLC	75%	\$52,733	7/1/2018	6/30/2019
Huang, Pong-Yu	SUNY Binghamton University RISE Research Training Program	National Institute of General Medical Sciences	30%	\$767,709	5/1/2019	4/30/2024
Huang, Pong-Yu	R15: Mechanobiology of Endothelial to Mesenchymal Transformation-Derived Activated Fibroblast Behavior	National Institutes of Health	33%	\$146,401	1/1/2019	12/31/2020
Huang, Pong-Yu	Predicting fibroblast behavior in health and disease	National Science Foundation	33%	\$131,992	6/1/2018	5/31/2021

<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>
Huang, Pong-Yu	Toxicity evaluation of high-temperature nickel e-cigarette coils: A lung-on-a-chip approach (R21)	National Institutes of Health	33%	\$142,478	9/1/2018	8/31/2020
Jin, Congrui	Understanding the Mechanics of Shale-Proppant Interaction for Effective and Sustainable Hydraulic Fracturing	Robert and Mary Haythornthwaite Foundation	100%	\$20,000	1/1/2018	12/31/2018
Jin, Congrui	High Temperature Creep Failure of Additively Manufactured Metals	University of Science and Technology Beijing	100%	\$10,431	7/1/2017	6/30/2019
Jin, Congrui	Collaborative Research: Fungi-Mediated Self-Healing Concrete for Sustainable Infrastructure	National Science Foundation	50%	\$150,000	7/1/2018	6/30/2021
Jin, Congrui	Understanding the Mechanics of Shale-Proppant Interaction for Effective and Sustainable Hydraulic Fracturing	American Chemical Society	100%	\$110,000	9/1/2018	8/31/2020
Jin, Congrui	Assessment of electrolyte diffusion in porous electrodes for lithium-ion batteries	Oak Ridge National Laboratory	100%	\$31,999	1/3/2018	1/2/2019
Ke, Changhong	Collaborative Research: Experimental and Computational Nanomechanics of the Load Transfer Mechanisms at the Graphene Polymer Interface	National Science Foundation	100%	\$8,000	6/15/2018	8/10/2018
Ke, Changhong	SUNY Binghamton Space Grant 2018-19 Proposal	Cornell University	100%	\$10,000	5/1/2018	4/30/2019
Ke, Changhong	Capacitive Pressure/Velocity Probe for Acoustic Measurements in the Human Ear Canal	National Institutes of Health	33%	\$612,034	1/1/2019	12/31/2023
Ke, Changhong	Collaborative Research: Quantifying the Interfacial Strength in Boron Nitride Nanotube-reinforced Metal Nanocomposites with Integrated Experiments and Simulations	National Science Foundation	100%	\$296,819	4/1/2018	3/31/2021
Miles, Ronald	Discovering Repulsive MEMS Filters	National Science Foundation	50%	\$225,578	8/1/2018	7/31/2021
Miles, Ronald	REU: A New Approach to Capacitive Sensing: Repulsive Sensors	National Science Foundation	50%	\$8,000	6/1/2018	5/31/2019
Miles, Ronald	INTERN: A New Approach to Capacitive Sensing: Repulsive Sensors	National Science Foundation	50%	\$25,000	9/1/2018	2/28/2019

<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>
Miles, Ronald	Capacitive Pressure/Velocity Probe for Acoustic Measurements in the Human Ear Canal	National Institutes of Health	67%	\$1,242,614	1/1/2019	12/31/2023
Murray, Bruce	Predicting fibroblast behavior in health and disease	National Science Foundation	33%	\$131,992	6/1/2018	5/31/2021
Murray, Bruce	Toxicity evaluation of high-temperature nickel e-cigarette coils: A lung-on-a-chip approach (R21)	National Institutes of Health	34%	\$146,795	9/1/2018	8/31/2020
Murray, Bruce	R15: Mechanobiology of Endothelial to Mesenchymal Transformation-Derived Activated Fibroblast Behavior	National Institutes of Health	33%	\$146,401	1/1/2019	12/31/2020
Park, Seungbae	Process Failure Mode Effect Analysis & Development of Printer Advixing/Online Modules in the Printed Circuit Board Assembly Process	Koh Young Technology, Inc.	75%	\$337,500	1/1/2018	12/31/2020
Schiffres, Scott	Sensing through Electromigration and Electric-Field Control	National Science Foundation	46%	\$256,197	7/1/2018	6/30/2021
Schiffres, Scott	Compressorless Adsorption HVAC	EthosGen	100%	\$110,000	7/1/2018	6/30/2020
Schiffres, Scott	Enhanced Thermal Transport in Lead-Free Intermetallic Interconnects	National Science Foundation	50%	\$166,451	6/1/2018	5/31/2021
Su, Quang	Investigation of Effects of Geometry-Dependent Diffraction on Acoustic Gradients with Applications toward Hearing and Sound Localization	National Science Foundation	100%	\$318,023	6/1/2018	5/31/2021
Su, Quang	CAREER: Understanding the structural dynamics of small plant dwelling insects for spatical vibration detection	National Science Foundation	100%	\$500,000	6/1/2018	5/31/2023
Towfighian, Shahrzad	CAREER: Discovery of the relationship between nonlinear mechanical vibrations and triboelectricity to enhance efficiency in micro-harvesters	National Science Foundation	100%	\$500,000	9/1/2018	8/31/2023
Towfighian, Shahrzad	Topic 3.6 - Soft robotics for in situ, industrial maintenance applications in confined environments	Georgia Institute of Technology	50%	\$50,000	1/1/2018	12/31/2019

<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>
Towfighian, Shahrzad	Discovering Repulsive MEMS Filters	National Science Foundation	50%	\$225,578	8/1/2018	7/31/2021
Towfighian, Shahrzad	Understanding the dynamic interactions of combined systems of triboelectric generators and repulsive actuators	National Science Foundation	100%	\$397,103	7/1/2018	6/30/2021
Towfighian, Shahrzad	REU: A New Approach to Capacitive Sensing: Repulsive Sensors	National Science Foundation	50%	\$8,000	6/1/2018	5/31/2019
Towfighian, Shahrzad	INTERN: A New Approach to Capacitive Sensing: Repulsive Sensors	National Science Foundation	50%	\$25,000	9/1/2018	2/28/2019
Yong, Xin	Collaborative Research: Orientation and self-assembly of Janus particles during the drying process	National Science Foundation	100%	\$199,725	7/1/2018	6/30/2021
Yong, Xin	Biomimetic Structural Coloration: from Core-Shell Particles to Photonic Glasses	US Army Research Office	100%	\$241,279	4/15/2018	10/15/2019
Yong, Xin	Collaborative Research: Understand particle morphology formation in multistage emulsion polymerization	National Science Foundation	100%	\$199,675	7/1/2018	6/30/2021
Zhou, Guangwen	Design principles and fundamental mechanisms for catalytic graphene growth	National Science Foundation	100%	\$467,760	7/1/2018	6/30/2021
Zhou, Guangwen	In Situ Visualization and Theoretical Modeling of Early Stages of Oxidation of Metals and Alloys	US Department of Energy	100%	\$450,000	5/15/2018	5/14/2021
Zhou, Guangwen	MRI: Development of a Hard X-ray PhotoElectron Spectroscopy (HAXPES) for the Advanced Interfaces of Materials (AIM) Center at Binghamton University	National Science Foundation	13%	\$319,505	7/1/2018	6/30/2023
Zhou, Guangwen	Match to NorthEast Center for Chemical Energy Storage (NECCES)	Empire State Development Corp	13%	\$250,000	7/1/2018	6/30/2022
Zhou, Guangwen	NorthEast Center for Chemical Energy Storage (NECCES)	US Department of Energy	10%	\$1,590,000	8/1/2018	7/31/2022
Zhou, Guangwen	Collaborative Research: Fungi-Mediated Self-Healing Concrete for Sustainable Infrastructure	National Science Foundation	50%	\$150,000	7/1/2018	6/30/2021

<i>Proposal PI</i>	<i>Title</i>	<i>Sponsor Name</i>	<i>% Credited to PI</i>	<i>\$ Credited</i>	<i>Requested Start Date</i>	<i>Requested End Date</i>
			Total # Credited	32.75		
			Total \$ Credited	\$12,305,535		

020 Pharmaceutical Sciences

Beedle, Aaron	Structure and Function in Alpha-Dystroglycan Glycosylation (Renewal)	University of Georgia	100%	\$196,209	5/1/2018	4/30/2023
Beedle, Aaron	Exploring mechanisms to thwart exosome-mediated priming for metastatic colonization	University of Georgia	100%	\$11,837	8/1/2020	7/31/2021
Beedle, Aaron	P50: MDSRC: Modulation of Persistence and Function of Becker Dystrophins	National Institutes of Health	25%	\$1,924,142	7/1/2018	6/30/2023
Brooks, Tracy	STTR: Co-Entrapment of Vamorolone and MYC targeted DNAi for Aggressive Non Hodgkin Lymphoma	ReveraGen Biopharma	100%	\$194,999	4/1/2018	3/31/2019
Brooks, Tracy	R21: Protease Activated Esters: A New ADC Linker System for the Release of Alcohols	National Institute of General Medical Sciences	50%	\$215,875	4/1/2019	3/31/2021
Brooks, Tracy	R01: Synthesis, screening, and validation of indoloquinolones targeting the MYC or kRAS promoter G-quadruplex structures	National Institutes of Health	50%	\$785,000	4/15/2019	4/14/2023
Brooks, Tracy	STTR: Co-Entrapment of Vamorolone and MYC targeted DNAi for Aggressive Non Hodgkin Lymphoma	ReveraGen Biopharma	50%	\$97,500	7/1/2018	6/30/2019
Brooks, Tracy	G4mid-mediated transcriptional downregulation of kRAS	Congressionally Directed Medical Research Programs - Departm	80%	\$501,870	4/1/2018	3/31/2020
Brooks, Tracy	G4mid-mediated transcriptional downregulation of kRAS: a novel approach	Pancreatic Cancer Action Network	50%	\$250,000	7/1/2018	6/30/2020
Di Pasqua, Anthony	Essential Trace Element Profiles as Lung Cancer Biomarkers	American Lung Association	100%	\$200,000	7/1/2018	6/30/2020
Edwards, Katie	STTR: Co-Entrapment of Vamorolone and MYC targeted DNAi for Aggressive Non Hodgkin Lymphoma	ReveraGen Biopharma	50%	\$97,500	7/1/2018	6/30/2019

<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>
Hathout, Yetrib	Clinical Utility of Serum Protein Biomarkers in Very Young Duchenne Muscular Dystrophy Boys (W81XWH-16-1-0557)	US Army Medical Research Acquisition Activity	100%	\$893,200	9/1/2017	8/31/2020
Hathout, Yetrib	P50: MDSRC: Modulation of Persistence and Function of Becker Dystrophins	National Institutes of Health	25%	\$1,924,142	7/1/2018	6/30/2023
Hathout, Yetrib	Bridging Pharmacodynamic Biomarkers to Clinical Outcomes in Pediatric Inflammatory Diseases (U54HD090254 Project 1, Year 2)	Children's Research Institute	100%	\$232,738	7/1/2018	6/30/2019
Hathout, Yetrib	R01: Understanding anti-dystrophin immune response after gene correction and gene therapy	National Institutes of Health	25%	\$490,625	9/1/2018	8/31/2023
Hathout, Yetrib	Bridging Pharmacodynamic Biomarkers to Clinical Outcomes in Pediatric Inflammatory Diseases (U54HD090254 Project 1)	Children's Research Institute	100%	\$269,272	7/1/2017	6/30/2018
Hathout, Yetrib	Generating the Evidentiary Data Package for Dystrophin Biomarker Qualification (W81XWH-16-1-0572)	US Army Medical Research Acquisition Activity	100%	\$395,913	9/1/2017	8/31/2019
Hathout, Yetrib	Development of Non-invasive Imaging and Serum Biomarkers for Assessment of Subclinical Myocardial Disease in Duchenne Muscular Dystrophy	Children's Research Institute	100%	\$105,000	7/1/2018	6/30/2021
Hoffman, Eric	R01: Improved Diagnostic of the Muscular Dystrophies (Resubmission)	National Institute of Neurological Disorders and Stroke	100%	\$3,503,630	4/1/2018	3/31/2023
Hoffman, Eric	P50: MDSRC: Modulation of Persistence and Function of Becker Dystrophins	National Institutes of Health	25%	\$1,924,142	7/1/2018	6/30/2023
Hoffman, Eric	R01: Understanding anti-dystrophin immune response after gene correction and gene therapy	National Institutes of Health	25%	\$490,625	9/1/2018	8/31/2023
Hoffman, Eric	Becker dystrophy biomarkers and PROs for trial readiness	Muscular Dystrophy Association of America	100%	\$220,000	7/1/2018	6/30/2020
Hoffman, Eric	Biomarker and clinical correlates in LGMD2A: Providing trial readiness for biomarker-focused trials in Calpainopathy	Coalition to Cure Calpain 3	100%	\$200,000	7/1/2018	6/30/2020

<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>
Nagaraju, Kanneboyina	Targeted delivery of glucocorticoids to B-cells for the treatment of lupus	Lupus Research Alliance	50%	\$300,000	7/1/2018	6/30/2021
Nagaraju, Kanneboyina	Support for Joanna Parkes: Role of Innate Immune and Metabolic Pathways in Mediating Muscle Weakness in Myositis	CURE JM Foundation	100%	\$150,000	11/1/2018	10/31/2020
Nagaraju, Kanneboyina	R21: Mechanisms of muscle weakness during viral illnesses	National Institute of Allergy and Infectious Disease	100%	\$431,750	4/1/2019	3/31/2021
Nagaraju, Kanneboyina	Targeted delivery of glucocorticoids to B-cells for the treatment of lupus	National Institute of Allergy and Infectious Disease	50%	\$215,875	7/1/2018	6/30/2020
Nagaraju, Kanneboyina	R01: Understanding anti-dystrophin immune response after gene correction and gene therapy	National Institutes of Health	25%	\$490,625	9/1/2018	8/31/2023
Nagaraju, Kanneboyina	P50: MDSRC: Modulation of Persistence and Function of Becker Dystrophins	National Institutes of Health	25%	\$1,924,142	7/1/2018	6/30/2023
Nagaraju, Kanneboyina	Administrative Supplement to R21AI128248: Virus Induced Genetic Changes in the Pathogenesis of Autoimmune Myositis	National Institute of Allergy and Infectious Disease	100%	\$156,504	1/1/2018	12/31/2018
Nagaraju, Kanneboyina	Fellowship Support for Joanna Parkes: Role of innate immune and metabolic pathways in mediating muscle weakness in myositis	Myositis Association	100%	\$100,000	1/1/2019	12/31/2020
Shi, Yi	STTR: Radiotherapeutic bandage for skin cancer therapy	DB Therapeutics, Inc.	100%	\$70,308	4/1/2018	3/31/2019
Shi, Yi	STTR: Radiotherapeutic bandage for skin cancer therapy	DB Therapeutics, Inc.	100%	\$69,500	9/1/2018	8/31/2019
Tumey, Lawrence	B-cell Targeted Delivery of Dihydro-Orotate Dehydrogenase Inhibitors	National Multiple Sclerosis Society	100%	\$44,000	4/1/2018	3/31/2019
Tumey, Lawrence	Targeted delivery of glucocorticoids to B-cells for the treatment of lupus	National Institute of Allergy and Infectious Disease	50%	\$215,875	7/1/2018	6/30/2020
Tumey, Lawrence	R21: Protease Activated Esters: A New ADC Linker System for the Release of Alcohols	National Institute of General Medical Sciences	50%	\$215,875	4/1/2019	3/31/2021

<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>
Tumey, Lawrence	R21: Selective Delivery of DHODH Inhibitors to Leukocyte Subpopulations for the Improved Treatment of Lupus	National Institutes of Health	100%	\$431,750	4/1/2019	3/31/2021
Tumey, Lawrence	R01: Synthesis, screening, and validation of indoloquinolones targeting the MYC or kRAS promoter G-quadruplex structures	National Institutes of Health	50%	\$785,000	4/15/2019	4/14/2023
Tumey, Lawrence	Induction of Immunotolerance by Targeted Delivery of Retinoic Acid	National Multiple Sclerosis Society	100%	\$55,000	7/1/2018	6/30/2019
Tumey, Lawrence	Targeted delivery of glucocorticoids to B-cells for the treatment of lupus	Lupus Research Alliance	50%	\$300,000	7/1/2018	6/30/2021
Tumey, Lawrence	G4mid-mediated transcriptional downregulation of kRAS: a novel approach	Pancreatic Cancer Action Network	50%	\$250,000	7/1/2018	6/30/2020
Tumey, Lawrence	Selective delivery of brequinar to B-cells for the improved treatment of lupus	Arthritis National Research Foundation	100%	\$100,000	6/1/2018	5/31/2019
Tumey, Lawrence	G4mid-mediated transcriptional downregulation of kRAS	Congressionally Directed Medical Research Programs - Departm	20%	\$125,468	4/1/2018	3/31/2020
Tumey, Lawrence	Antibody-mediated delivery of glucocorticoids to B-cells for the treatment of lupus erythematosus	Congressionally Directed Medical Research Programs - Departm	100%	\$150,000	10/1/2018	9/30/2019
			Total # Credited	31.75		
			Total \$ Credited	\$21,705,891		

020 Pharmacy Practice

Eggleston, William	Assessment of Acute and Chronic Loperamide and Desmethyl-Loperamide-Induced Cardiac Toxicity in a Guinea Pig Model	American Academy of Clinical Toxicology	100%	\$45,000	6/1/2018	5/31/2020
Eggleston, William	Community Development of a Novel Naloxone Education Program to Reduce the Stigma of Opioid Use Disorder and Enhance Access to Treatment	Corporation for National and Community Service	100%	\$99,839	10/1/2018	9/30/2019

<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>
Kufel, Wesley	Antibiotic Use for Urinary Tract Infection Prophylaxis Among Residents in Long-Term Care Facilities	Society of Infectious Disease Pharmacists	100%	\$25,000	10/1/2017	9/30/2018
Kufel, Wesley	Impact of a Pharmacist-Driven Collaborative Initiative for Staphylococcus aureus Bacteremia Management	American Society of Health System Pharmacists	100%	\$20,000	5/1/2018	4/30/2020
Kufel, Wesley	Impact of Ertapenem and Meropenem on Valproic Acid Serum Concentrations in a Valproic Acid Poisoned Mouse Model	American College of Clinical Pharmacy Research Ins	100%	\$40,000	9/15/2018	9/14/2019
Kufel, Wesley	Society for Healthcare Epidemiology of America 2018 Research Scholar Award Proposal	Society for Healthcare Epidemiology of America	100%	\$17,914	11/1/2018	10/31/2019
Pauling, Erin	Effect of Early Exposure to IPE on Attitudes Toward Teamwork and Health Disparities	American Association of Colleges of Pharmacy	100%	\$4,000	7/1/2018	6/30/2019
				Total # Credited	7.00	
				Total \$ Credited	\$251,753	

020 Philosophy

Goodman, Charles	The Tattvasamgraha of Santaraksita: Selected Metaphysical Chapters	American Council of Learned Societies	50%	\$33,898	9/1/2018	8/31/2019
				Total # Credited	0.50	
				Total \$ Credited	\$33,898	

020 Physics

Cotts, Eric	The Reliability of Mixed Assemblies - SAC/SnBi	Universal Instruments Corporation	100%	\$21,986	6/11/2018	8/31/2018
Cotts, Eric	Francis Mutuku Bonus Payment (\$7,300 plus fringe & IDC)	Indium Corporation	100%	\$12,969	7/1/2018	6/30/2019
Cotts, Eric	High Melt - Low Melt Solder Interconnect Structures for Organic Package on Package 200-300um Pitch Enabling High Power Applications with Rework	Semiconductor Research Corporation	100%	\$286,480	8/1/2017	7/31/2020

<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>
Cotts, Eric	Characterizing the Properties and Reliability of New Solders	Universal Instruments Corporation	100%	\$22,300	9/1/2017	12/31/2017
Cotts, Eric	High Melt - Low Melt Solder Interconnect Structures for SMT Applications	Universal Instruments Corporation	100%	\$25,891	1/1/2018	5/31/2018
Kolmogorov, Alexey	Theory-Guided Discovery of Tin-Based Materials	National Science Foundation	100%	\$354,105	9/1/2018	8/31/2021
Lee, Wei-Cheng	Exotic Electron States of Matters in Multiorbital Correlated Materials	Research Corporation for Science Advancement	100%	\$100,000	4/1/2018	3/31/2021
Lee, Wei-Cheng	CAREER: Novel Dynamics and Topological Properties in Multiorbital Correlated Systems	National Science Foundation	100%	\$433,818	7/1/2018	6/30/2023
Levy, Stephen	Investigating Extracellular DNA in Biofilm Formation Using Microfluidic Tools	National Science Foundation	50%	\$147,745	6/1/2018	5/31/2021
Mativetsky, Jeffrey	MRI: Development of a Hard X-ray PhotoElectron Spectroscopy (HAXPES) for the Advanced Interfaces of Materials (AIM) Center at Binghamton University	National Science Foundation	13%	\$319,505	7/1/2018	6/30/2023
Mativetsky, Jeffrey	Center for New Organic Photovoltaic Materials	Pandit Deendayal Petroleum University	100%	\$16,930	2/1/2018	1/31/2020
Mativetsky, Jeffrey	Sensing through Electromigration and Electric-Field Control	National Science Foundation	10%	\$54,820	7/1/2018	6/30/2021
Mativetsky, Jeffrey	Integration of Functional Materials onto Three-Dimensional Substrates	National Science Foundation	100%	\$327,424	9/1/2018	8/31/2021
Piper, Louis	Supplement to: DMREF: Collaborative Research: A Blueprint for Photocatalytic Water Splitting: Mapping Multidimensional Compositional Space to Simultaneously Optimize Thermodynamics and Kinetics	National Science Foundation	100%	\$45,000	10/1/2018	9/30/2019
Piper, Louis	NorthEast Center for Chemical Energy Storage (NECCES)	US Department of Energy	20%	\$3,180,000	8/1/2018	7/31/2022
Piper, Louis	Supplement to: DMREF: Collaborative Research: A Blueprint for Photocatalytic Water Splitting: Mapping Multidimensional Compositional Space to Simultaneously Optimize Thermodynamics and Kinetics	National Science Foundation	100%	\$44,999	8/1/2018	7/31/2019

<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>
Piper, Louis	Match to NorthEast Center for Chemical Energy Storage (NECCES)	Empire State Development Corp	13%	\$250,000	7/1/2018	6/30/2022
Piper, Louis	MRI: Development of a Hard X-ray PhotoElectron Spectroscopy (HAXPES) for the Advanced Interfaces of Materials (AIM) Center at Binghamton University	National Science Foundation	50%	\$1,278,022	7/1/2018	6/30/2023
Piper, Louis	Southern Tier's Center for Advanced Interface for Manufacturing (CAIM)	Empire State Development Corp	100%	\$1,600,000	1/1/2018	12/31/2022
Piper, Louis	ReO3: A model for understanding the participation of anion in redox processes	Research Corporation for Science Advancement	100%	\$50,000	7/1/2018	6/30/2019
Shim, Bonggu	Spatio-temporal visualization and control of nonlinear propagation and phase matching for high-order harmonic generation	US Air Force Office of Scientific Research	100%	\$538,482	6/1/2018	5/31/2022
Shim, Bonggu	Design, Synthesis and Enhanced Spin Coherent Behaviors of Novel Quantum Systems	US Department of Energy	33%	\$1,483,419	10/1/2018	9/30/2021
Smeu, Manuel	Computational Investigation of Multivalent Ion Batteries Involving Calcium and Aluminum	National Science Foundation	100%	\$284,615	6/1/2018	5/31/2021
Smeu, Manuel	Ab Initio Modeling of Electrode-electrolyte Interface in Multivalent Ion Batteries	US Department of Energy	100%	\$750,000	9/1/2018	8/31/2023
Smeu, Manuel	Collaborative Research: Elucidating the Role of Single-Molecule Charge Transport in the Energy Conversion Efficiency of Dye Sensitized Solar Cells	National Science Foundation	100%	\$200,138	6/1/2018	5/31/2021
Smeu, Manuel	Computational Design and Understanding of Ionic Liquids for Deep Desulfurization	American Chemical Society	100%	\$110,000	9/1/2018	8/31/2020
Smeu, Manuel	Sensing through Electromigration and Electric-Field Control	National Science Foundation	44%	\$248,366	7/1/2018	6/30/2021
White, Bruce	Mechanisms of Deformation and Fatigue of Nanoporous Metal Structures	National Science Foundation	33%	\$164,342	9/1/2018	8/31/2021
White, Bruce	Interacting Effects of Grain Boundaries and Porosity on Damage of Metal Films Under Cyclic Loading	US Department of Energy	33%	\$260,681	9/1/2018	8/31/2022

<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>
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Total # Credited 21.98
Total \$ Credited \$12,612,035

020 Political Science

Cingranelli, David	Collaborative Research: Do Labor Rights Provisions in Free Trade Agreements Improve Respect for Labor Rights Abroad?	National Science Foundation	100%	\$207,015	7/1/2018	6/30/2020
Karakoc, Ekrem	International Business in the Middle East and North Africa (MENA): Danger Zones or the Land of Opportunity?	University of Calgary	100%	\$45,205	6/1/2018	5/31/2021

Total # Credited 2.00
Total \$ Credited \$252,220

020 Psychology

Balderrama-Durbin, Christi	Up-arming at-risk military couples: A stepped approach to early intervention and strengthening of military families	Wright State University	100%	\$33,851	1/1/2019	12/31/2021
Balderrama-Durbin, Christi	R34: An Integrated Brief Alcohol and PTSD Intervention for Veterans in Primary Care	National Institute for Alcohol Abuse and Alcoholism	50%	\$323,079	9/1/2018	8/31/2021
Bishop, Christopher	R21: Rat modeling of human parkinsonism-dystonia in DAT P395L mutation	Harvard Medical School	100%	\$82,450	7/1/2019	6/30/2020
Bishop, Christopher	R21: Rat Modeling of Human Parkinsonism-dystonia in DAT P395L Mutation	Harvard Medical School	100%	\$83,681	4/1/2020	3/31/2021
Bishop, Christopher	Interrogating a role for nigral dopamine neurotransmission in exercise-related prevention of motor impariment in rat Parkinson's models	University of North Texas	100%	\$607,943	4/1/2019	3/31/2024
Bishop, Christopher	Targeting the Pedunculopontine Tegmental Nucleus to Optimize Treatment of Parkinson's Disease	American Parkinson Disease Association Incorporated	100%	\$49,958	7/1/2018	6/30/2019

<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>
Bishop, Christopher	R01: Interrogation of nigral tyrosine hydroxylase expression in movement initiation capacity during nigrostriatal neuron loss	University of North Texas Health Science Center	100%	\$542,000	7/1/2018	6/30/2023
Bishop, Christopher	Targeting Serotonin Neuroplasticity for Improved Treatment of Parkinson's Disease	US Department of Defense	100%	\$998,723	4/1/2018	3/31/2021
Bishop, Christopher	R01: The role of the dopamine D1-D3 receptor heteromer in L-DOPA-induced dyskinesia	National Institutes of Health	100%	\$2,422,956	9/1/2018	8/31/2023
Deak, Terrence	Developmental Exposure Alcohol Research Center (DEARC)	National Institute for Alcohol Abuse and Alcoholism	100%	\$8,927,819	9/1/2019	8/31/2024
Deak, Terrence	F31: Andrew Vore: Adolescent Alcohol Use and Adult Blood-Brain Barrier Dysfunction	Ruth L. Kirschstein National Research Service Award	100%	\$80,088	9/1/2018	8/31/2020
Diaz, Marvin	Adolescent stress: anxiety and amygdala kappa opioid system	National Institutes of Health	100%	\$1,956,800	7/1/2018	6/30/2023
Gibb, Brandon	2017-2018 Clinical Placement @ Ithaca Psychological Testing	Ithaca Psychological Testing	100%	\$13,680	8/23/2017	5/18/2018
Gibb, Brandon	2017-2018 Clinical Placement @ Children's Home	Childrens Home of Wyoming Conference	100%	\$39,822	8/23/2017	5/18/2018
Gillis Mattson, Jennifer	Graduate Support for Summer Bottini: Promoting Maintenance of Skills for Children with Autism Spectrum Disorder (ASD)	Organization for Autism Research	100%	\$1,300	7/1/2018	12/31/2019
Gillis Mattson, Jennifer	Binghamton Regional Center for Autism Spectrum Disorders	University at Albany	100%	\$45,000	7/1/2018	6/30/2019
Jentsch, James	R01: The 5HT3 Receptor in Opiate Addiction	Stanford University	100%	\$84,553	12/1/2018	11/30/2023
Kurtz, Kenneth	New Frontiers in Understanding Human Concept Learning: Advancing Theory and Pedagogy	National Science Foundation	50%	\$331,878	7/1/2018	6/30/2021
Kurtz, Kenneth	New Frontiers in Understanding Human Concept Learning: Advancing Theory and Pedagogy	National Science Foundation	50%	\$331,879	7/1/2018	6/30/2021

<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>
Ma, Yaoying	R21: The role of Nucleus Accumbens and Calcium-Permeable AMPA Receptors in the Pathophysiology of Huntington's Disease	National Institute of Neurological Disorders and Stroke	100%	\$426,050	7/1/2018	6/30/2020
Mattson, Richard	GRFA: Samantha Wagner: Person- and incident-level determinants of underreporting in the sexual victimization and abuse of elder adults	National Institute of Justice	100%	\$32,000	1/1/2019	12/31/2019
Mattson, Richard	Can Affirmative Scripts be Hot? The Erotic Potential of Affirmative Consent	Pornhub Sexual Wellness Center	25%	\$6,250	7/1/2018	6/30/2019
Merriwether, Ann	Can Affirmative Scripts be Hot? The Erotic Potential of Affirmative Consent	Pornhub Sexual Wellness Center	25%	\$6,250	7/1/2018	6/30/2019
Romanczyk, Raymond	Autism Research	Order of the Eastern Star of NY	100%	\$25,000	10/7/2017	9/30/2018
Werner, David	R01: Structural basis of the cross-seeding in pathological post-translational modified beta-amyloid peptides	National Institute on Aging	25%	\$463,325	9/1/2018	8/31/2023
Werner, David	R01: Investigation of factors that heighten adolescent susceptibility to alcohol use disorders	National Institute for Alcohol Abuse and Alcoholism	100%	\$2,768,526	4/1/2018	3/31/2023
Werner, David	R01: General anesthesia and adolescence	National Institute of General Medical Sciences	100%	\$1,953,080	9/1/2018	8/31/2023
			Total # Credited	23.25		
			Total \$ Credited	\$22,637,940		

020 Public Archaeology Facility-PAF

Miroff, Laurie	The Timelessness of Science: Multidisciplinary STEM Learning Through Archaeology	National Science Foundation	25%	\$74,943	7/1/2018	6/30/2020
Versaggi, Nina	Phase 1B Archaeological Survey, Cornell North Campus Project, City of Ithaca, Tompkins County, NY	Trowbridge and Wolf	100%	\$1,311	3/15/2018	7/30/2018
Versaggi, Nina	Phase 1B Archaeological Addendum Survey, Renovus Solar Farm Project, Town of Candor, Tioga County, New York	Renovus Solar	100%	\$2,484	4/12/2018	7/6/2018

<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>
Versaggi, Nina	Phase 2 Site Examination - Marshall Gravel Precontact Site, Town of Kirkland, Oneinda County, NY	Town of Marshall	100%	\$8,800	2/16/2018	9/30/2018
Versaggi, Nina	West Conesville WWTP Projeet (17PR08603), Phase 1 Archaeological Survey	Lamont Engineers	100%	\$12,878	1/17/2018	8/31/2018
Versaggi, Nina	Phase 1A CRA/Phase 1B WP (Greenhouse Facility, Electrical Tranmission Line & Gas Transmission Line), Project Glass Greenhouse Facility, Town of Lenox, Madison County, NY	C and S Engineering Incorporated	100%	\$2,469	2/22/2018	7/30/2018
Versaggi, Nina	Phase 1B Archaeological Survey, Kesselring Site Surge Suppression Transmission Line (TOA 344 - Item 2), Town of Milton, Saratoga County, NY	Sage Engineering Associates	100%	\$4,698	3/21/2018	8/31/2018
Versaggi, Nina	Bluestone Wind	Environmental Design & Research	100%	\$4,382	3/5/2018	6/22/2018
Versaggi, Nina	Phase 1 Archaeological Survey, Loundsberry Project, Town of Nichols, Tioga County, NY	Tioga County Industrial Development Agency	100%	\$4,180	2/15/2018	7/20/2018
Versaggi, Nina	Cultural Resource Screening (FCC 621), Frankford Ave colocation, 1020 N. Delaware Ave., Philadelphia, PA (Site PL03XC015)	BBJ Group	100%	\$2,795	1/31/2018	4/27/2018
Versaggi, Nina	Phase 1B Archaeology Survey, Kesselring Site Perimeter Road Improvement Project (TOA-132-Item 1), Town of Milton, Saratoga County, New York	Beardsley Design Associates	100%	\$16,407	2/5/2018	12/31/2018
Versaggi, Nina	Proposal #18-001: Phase 1 Cultural Resource Survey, Peffer-Strong Spur 485 Project, Sullivan Township, Tioga County, PA (PO#239)	Hanover Engineering Associates	100%	\$3,579	4/9/2018	6/30/2018
Versaggi, Nina	Phase 3 Data Recovery Plan Development, 7 Hawley Street Development, City of Binghamton, Broome County, NY	Binghamton Urban Renewal Agency	100%	\$2,000	1/22/2018	3/30/2018
Versaggi, Nina	Phase 1 Archaeological Survey, Buried Electrical Line, Otsiningo Park Stage Project, Broome County, NY	Broome County Department of Public Works	100%	\$2,312	5/4/2018	7/20/2018

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Versaggi, Nina	Fort Bull NY Battlefield (1756) - Historical and Archeological/Geophysical Survey	National Park Service	100%	\$67,313	7/1/2018	2/29/2020
Versaggi, Nina	Phase 1A Cultural Resource Assessment, Cornell North Campus Project, City of Ithaca, Tompkins County, NY	Trowbridge and Wolf	100%	\$1,850	1/31/2018	4/27/2018
Versaggi, Nina	Exploratory Excavations and Community Outreach, Woodstock Stage Grounds Project, Bethel, Sullivan County, NY	Bethel Woods Center for the Arts	100%	\$24,068	5/22/2018	12/31/2018
Versaggi, Nina	Cultural Resource Screening (FCC 620), Amherst St. Buffalo Project (3ERB616), Buffalo County	C and S Engineering Incorporated	100%	\$1,993	1/2/2018	2/16/2018
Versaggi, Nina	Cultural Resource Screening (FCC 620), Bevis Hill Tower, Schenectady County, NY	C and S Engineering Incorporated	100%	\$1,600	6/21/2018	8/31/2018
Versaggi, Nina	Phase 1B Archaeological Survey, Harbor View Square Project, City of Oswego, Oswego County, New York	Housing Visions	100%	\$8,673	6/15/2018	12/31/2018
Versaggi, Nina	Phase 1B Archaeological Survey, Kesselring Site Clean Soils Management Area Expansion Project (TOA 324 - Item 2), Town of Milton, Saratoga County, NY	Sage Engineering Associates	100%	\$7,158	6/12/2018	12/31/2018
Versaggi, Nina	Carley Farm Project, Phase 1A & 1B Archaeological Survey, Town of Pompey, Onondaga County, New York	Onondaga County Soil and Water Conservation District	100%	\$2,522	6/21/2018	12/31/2018
Versaggi, Nina	Bluestone Wind - Change Order #1	Environmental Design & Research	100%	\$60,760	5/3/2018	10/26/2018
Versaggi, Nina	Historic Walking Tour of Endicott, NY's Little Italy	National Endowment for the Humanities	100%	\$12,000	1/1/2019	6/30/2020
Versaggi, Nina	Phase 2 Site Examinations - Locus 1-3 of Czub Precontact Site, Town of Schaghticoke, Rensselaer County, NY	West Wind Ag. LLC	100%	\$8,900	4/18/2018	8/31/2018
Versaggi, Nina	Phase 1 Archaeological Survey, Loyalsock State Forest Flood Repairs Project, McIntyre Township, Lycoming County, Pennsylvania	Larson Design Group	100%	\$4,184	5/15/2018	8/15/2018

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Versaggi, Nina	Revolutionary War and War of 1812 Preservation Mapping Project (Addendum #4)	Civil War Trust	100%	\$97,462	3/23/2018	7/1/2019
Versaggi, Nina	Phase 1 Archaeological Survey, Train Hard Fitness Project, Town of Clay, Onondaga County, NY	Train Hard Fitness	100%	\$2,634	4/30/2018	8/3/2018
Versaggi, Nina	Phase 1B Cultural Resource Survey (Greenhouse Facility parcel), Glass Greenhouse Facility Project, Madison County, NY	C and S Engineering Incorporated	100%	\$23,935	4/27/2018	9/14/2018
Versaggi, Nina	Phase 1B Archaeological Survey (Gas Transmission Line), Glass Greenhouse Facility Project, Madison County, NY	C and S Engineering Incorporated	100%	\$4,894	4/27/2018	9/14/2018
Versaggi, Nina	Phase 3 Data Recovery on the Binghamton Mall Site on the 7 Hawley Street Development Project, City of Binghamton, Broome County, NY	Binghamton Urban Renewal Agency	100%	\$195,438	4/26/2018	4/25/2020
Versaggi, Nina	Cultural Resource Screening (FCC 620), Ely Park Tower, City of Binghamton, Broome County, NY	C and S Engineering Incorporated	100%	\$1,460	5/21/2018	7/20/2018
Versaggi, Nina	SO 17-013: WY-18 Falconero Well Pad, Archaeological and Historical Site Search, Forkston Township, Wyoming County, PA (PO 222)	Hanover Engineering Associates	100%	\$572	8/2/2017	9/15/2017
Versaggi, Nina	Phase 1 Cultural Resource Survey, Town of Marshall Back Pit (Day Farm) Mine, Oneida County, NY	Town of Marshall	100%	\$3,900	8/28/2017	9/29/2017
Versaggi, Nina	CRS (FCC 620), Shisler Road (HV1172) Project, Town of Clarence, Erie County, NY	TRILEAF Corporation	100%	\$2,260	8/23/2017	9/29/2017
Versaggi, Nina	Phase 1 Archaeological Survey (Subsurface Survey of the entire parcel), Lansing Development Project, Town of Lansing, Tompkins County, NY	Rochester's Cornerstone Group, Ltd	100%	\$6,995	8/17/2017	12/31/2017
Versaggi, Nina	Phase 1 Cultural Resource Survey, Coburn Free Library Project, Village of Owego, Tioga County, NY	Chianis & Anderson Architects, PLLC	100%	\$859	8/15/2017	9/29/2017

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Versaggi, Nina	SO 17-011: TI-24 Long Run B Well Pad, Archaeological and Historical Site Search, Morris Township, Tioga County, PA (PO 224)	Hanover Engineering Associates	100%	\$572	8/2/2017	9/15/2017
Versaggi, Nina	Oxford Kutik Honey Farm Project, Phase 1B Archaeological Monitoring	Chazen Environmental Companies	100%	\$982	9/7/2017	12/31/2017
Versaggi, Nina	SO 17-009: TI-18 Fall Creek Well Pad, Archaeological and Historical Site Search, Liberty Township, Tioga County, PA (PO 221)	Hanover Engineering Associates	100%	\$572	8/2/2017	9/15/2017
Versaggi, Nina	SO 17-010: TI-23 Camp Woodhouse Well Pad, Archaeological and Historical Site Search, Morris Township, Tioga County, PA (PO 225)	Hanover Engineering Associates	100%	\$572	8/2/2017	9/15/2017
Versaggi, Nina	Phase 1A CRA, 920-932 Bunn Hill Road Project, Town of Vestal, NY	Delta Engineers	100%	\$1,266	7/19/2017	9/15/2017
Versaggi, Nina	SO 17-008: TI-01 Mase Monte Well Pad, Archaeological and Historical Site Search, Tioga Counties, PA (PO 220)	Hanover Engineering Associates	100%	\$610	7/27/2017	8/31/2017
Versaggi, Nina	Phase 1: Archaeological Survey (Subsurface Survey). Lounsberry Project, Town of Nichols, Tioga County, New York	Tioga County Industrial Development Agency	100%	\$7,361	7/19/2017	9/29/2017
Versaggi, Nina	New York Canal Corporation Cultural Resource Professional Services	NYS Canal Corporation	100%	\$5,657	10/2/2017	10/1/2018
Versaggi, Nina	Schoharie County DPW Main Facility Fueling Station, Schohaire, NY	Schoharie County Department of Public Works	100%	\$3,850	7/11/2017	9/15/2017
Versaggi, Nina	Archaeological Metal Detecting, Saratoga National Historical Park, Town of Stillwater. Saratoga County, New York	Hartgen Archaeological Associates, Inc.	100%	\$3,900	7/6/2017	8/18/2017
Versaggi, Nina	Phase 3 Data Recovery of Cluster C and F of the Ayers 1 Precontact Site and the Ayers 3 Precontact Site, Ayers/Brink Farms Mine Project, Town of Tioga, Tioga County, NY	F.S. Lopke Contracting, Inc.	100%	\$24,711	11/7/2017	4/12/2019
Versaggi, Nina	Phase 1 Archaeological Survey, Meyer Manor Apartments Project, Village of Liverpool, Onondaga County, NY	Calocerinos Engineering, PLLC	100%	\$4,959	7/31/2017	1/19/2018

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Versaggi, Nina	SO 17-012: TI-25 Long Run A Well Pad, Archaeological and Historical Site Search, Morris Township, Tioga County, PA (PO 223)	Hanover Engineering Associates	100%	\$572	8/2/2017	9/15/2017
Versaggi, Nina	Phase 1 Archaeological Survey, Otsiningo Park Stage Project, Broome County, NY	Broome County Department of Public Works	100%	\$2,500	11/16/2017	1/19/2018
Versaggi, Nina	Cultural Resource Screening (FCC 620), Livingston County Emergency Communications System (Dansville)	C and S Engineering Incorporated	100%	\$1,851	9/13/2017	10/27/2017
Versaggi, Nina	Phase 1A CRA, East Greenbush Project, Town of East Greenbush, Rensselaer County, NY	McFarland and Johnson Engineers Incorporated	100%	\$1,989	11/2/2017	1/19/2018
Versaggi, Nina	Community Outreach Pamphlet, Horseheads Waterline Project, Horseheads, Chemung County, NY	Village of Horseheads	100%	\$3,000	11/13/2017	3/30/2018
Versaggi, Nina	The Timelessness of Science: Multidisciplinary STEM Learning Through Archaeology	National Science Foundation	25%	\$74,943	7/1/2018	6/30/2020
Versaggi, Nina	Phase 1A CRA and Phase 1 Archaeological Survey, Sidney Water System Improvement Project (PA-02-NY-1650-PW-4842; 16PR03281), Towns of Sidney Bainbridge and Unadilla, NY	Lamont Engineers	100%	\$5,473	10/27/2017	1/31/2018
Versaggi, Nina	Phase 1 CRS & Architectural Survey PIN 6754.12 Route 13 Connector Road Project, Town of Horseheads, Chemung County, NY	Shumaker Consulting Engineering&Land Surveying PC	100%	\$11,977	10/12/2017	12/31/2017
Versaggi, Nina	Phase 1 Archaeological Survey, Renovus Catlin Solar Farm Project, Town of Catlin, Chemung County, NY (Option 1 - Subsurface Testing)	Renovus Solar	100%	\$11,611	10/12/2017	12/31/2017
Versaggi, Nina	Phase 1 Archaeological Survey, Ithaca Tompkins Regional Airport Solar Array Project, Town of Lansing, Tompkins County, NY	C and S Engineering Incorporated	100%	\$5,330	11/21/2017	1/19/2018
Versaggi, Nina	Phase 1 CRS, Verbeck Community Solar Farm Project, Town of Schaghticoke, Rensselaser County, NY	Maser Consulting	100%	\$1,275	10/4/2017	12/31/2017

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Versaggi, Nina	Service Order #17, IMPACT AVOIDANCE PLAN (Utility Corridor) Schoharie County Jail Project - FTC/Berlin Site, Schoharie County, NY	LaBella Associates	100%	\$1,491	11/20/2017	1/7/2018
Versaggi, Nina	Service Order #16, Phase 1 Archaeological Survey (Utility Corridor) Schoharie County Jail Project - FTC/Berlin Site, Schoharie County, NY	LaBella Associates	100%	\$14,954	10/4/2017	12/31/2017
Versaggi, Nina	Phase 1 CRS (Option 2 - Surface Survey following plow/disking of the parcel and additional STP's in woodlands, etc), West Wind Farms Project, Town of Schaghticoke, Rensselaer County, NY	West Wind Ag. LLC	100%	\$15,518	9/11/2017	11/24/2017
Versaggi, Nina	Phase 1B CRS Monitoring, Binghamton Front Street Gateway Project, City of Binghamton, Broome County, NY	Barton and Loguidice PC	100%	\$29,998	10/23/2017	12/31/2018
			Total # Credited	62.50		
			Total \$ Credited	\$922,164		

020 Romance Languages

Cope, Robyn	Reading Multicultural Quebec Course Development Project	Government of Quebec	100%	\$2,000	5/15/2017	5/14/2018
			Total # Credited	1.00		
			Total \$ Credited	\$2,000		

020 School Of Management

Dionne, Shelley	NERCCS 2018: First Northeast Regional Conference on Complex Systems	National Science Foundation	33%	\$1,612	2/1/2018	5/31/2018
Dionne, Shelley	NRT: Interdisciplinary STEM Training on Human Social Complexity via an Orthogonal Subject-Skill Curricular Matrix	National Science Foundation	20%	\$599,801	9/1/2018	8/31/2023
Wang, Qi	Adaptive Network Modeling of Real-World Temporal Network Dynamics	National Science Foundation	17%	\$77,574	6/1/2018	5/31/2021

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Total # Credited **0.70**

Total \$ Credited **\$678,987**

020 School of Pharmacy Dean

Peterson, Jennifer	R01: Understanding anti-dystrophin immune response after gene correction and gene therapy	National Institutes of Health	25%	\$490,625	9/1/2018	8/31/2023
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Total # Credited **0.25**

Total \$ Credited **\$490,625**

020 Systems Science and Indust Eng (SSIE)

Borgesen, Peter	Research on Electronics Reliability Issues	Universal Instruments Corporation	100%	\$23,779	9/1/2017	12/31/2017
Borgesen, Peter	REU Site: U.S.-France Reliability of Microelectronics Assemblies and Power	National Science Foundation	50%	\$219,000	8/1/2018	7/31/2021
Borgesen, Peter	A Quantitative Understanding of the Evolution of Damage in a Metallic Structure Under Combinations of Thermal Excursions and Vibration	National Science Foundation	50%	\$239,202	9/1/2018	8/31/2021
Borgesen, Peter	Mechanisms of Deformation and Fatigue of Nanoporous Metal Structures	National Science Foundation	34%	\$169,322	9/1/2018	8/31/2021
Borgesen, Peter	Interacting Effects of Grain Boundaries and Porosity on Damage of Metal Films Under Cyclic Loading	US Department of Energy	34%	\$268,580	9/1/2018	8/31/2022
Borgesen, Peter	Electronics Manufacturing Process Research	Universal Instruments Corporation	100%	\$23,149	1/1/2018	5/31/2018
Borgesen, Peter	Electronics Manufacturing Process Research	Universal Instruments Corporation	100%	\$18,018	6/1/2018	8/31/2018
Cheng, Changqing	NERCCS 2018: First Northeast Regional Conference on Complex Systems	National Science Foundation	33%	\$1,612	2/1/2018	5/31/2018

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Cheng, Changqing	EAGER: Real-Time: Collaborative Research: Integration of Physical and Data-driven Models for Real-Time Stability Enhancement of Inverter-interfaced Power Systems	National Science Foundation	50%	\$100,000	1/1/2019	12/31/2020
Chung, Sung	Intelligent Forklift Driver Assistance Systems (iFDAS): Developing Smart and Energy-Efficient Forklift Solutions via Analytics and Optimization Methods	Toyota Material Handling North America	50%	\$164,819	11/1/2017	10/31/2018
Chung, Sung	2017 MHI and CICMHE Research Funding Program Start-up Grant Proposal	Materials Handling Industry	100%	\$25,000	1/1/2018	12/31/2018
Chung, Sung	Adaptive Strategic Disaster Management of Highly Uncertain, Cascading Natural Events	National Science Foundation	100%	\$273,446	3/1/2018	2/28/2021
Chung, Sung	Dynamic Renewable Resource Management for Sustainability: A Model-Free, Data-Driven Optimization Approach	National Science Foundation	50%	\$155,735	3/1/2018	2/28/2021
Chung, Sung	Review and Re-engineering of Operations at Laufer Group International	Laufer Group International Ltd.	50%	\$33,887	12/28/2017	12/31/2018
Chung, Sung	Feasibility Analysis of Wireless Charging for Electric Public Transportation Bus	NYS Energy Research and Development Authority	33%	\$33,000	5/1/2018	10/31/2019
Chung, Sung	Multi-period Planning for PEV Charging Station Locations	NYS Energy Research and Development Authority	34%	\$34,000	5/1/2018	10/31/2019
Greene, Christopher	Process Research and Development for Complex Surface Mount Device Assemblies	Smart Modular Technologies Inc	50%	\$32,536	8/28/2017	8/24/2018
Greene, Christopher	NRI:FND: Innovative Applications of Cobotics Utilization	National Science Foundation	100%	\$399,999	9/1/2018	8/31/2021
Greene, Christopher	Additive Manufacturing Utilized In Electronics Manufacturing: Advanced Materials Analysis	Lockheed Martin	100%	\$24,500	9/1/2017	12/31/2017
Greene, Christopher	A Quantitative Understanding of the Evolution of Damage in a Metallic Structure Under Combinations of Thermal Excursions and Vibration	National Science Foundation	50%	\$239,202	9/1/2018	8/31/2021
Greene, Christopher	Additive Manufacturing Utilized In Electronic Manufacturing: Capability and Application	Lockheed Martin	100%	\$24,500	9/1/2017	12/31/2017

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Khasawneh, Mohammad	Redesign of Care Processes and Workflows to Facilitate the Implementation of a Customer Relationship Management System	Cooper University Health Care	50%	\$31,304	1/6/2018	1/4/2019
Khasawneh, Mohammad	Improving the Efficiency and Effectiveness of Healthcare Delivery - Amd. 17 (to replace Amd. 15)	Montefiore Hospital and Medical Center	50%	\$32,605	1/8/2018	1/7/2019
Khasawneh, Mohammad	Continuous Process Improvement of Efficiency and Effectiveness in Healthcare Delivery at Navicent Health	Navicent Health	50%	\$112,465	2/19/2018	2/15/2019
Khasawneh, Mohammad	Healthcare Design Research and Development for Operational Efficiency and Value Creation	EwingCole	50%	\$34,690	3/1/2018	3/1/2019
Khasawneh, Mohammad	Process Improvement Research and Development Support for Highly Reliable Organization (HRO) Initiatives at NYU Langone Medical Center	NYU Langone Medical Center - NYU School of Medicine	50%	\$66,425	1/22/2018	1/18/2019
Khasawneh, Mohammad	Review and Re-engineering of Operations at Laufer Group International	Laufer Group International Ltd.	25%	\$16,944	12/28/2017	12/31/2018
Khasawneh, Mohammad	Business Intelligence and Performance Improvement at UHS	United Health Services Hospitals	50%	\$174,685	8/28/2017	8/24/2018
Khasawneh, Mohammad	Improving Quality, Safety and Patient Flow and Outpatient Medication Management - Amd. 1	Memorial Sloan Kettering Cancer Center	50%	\$76,437	8/26/2017	8/24/2018
Khasawneh, Mohammad	Improving the Efficiency and Effectiveness of Healthcare Delivery - Amd. 15	Montefiore Hospital and Medical Center	50%	\$82,605	8/25/2014	8/28/2015
Khasawneh, Mohammad	Business Process Engineering Support for Network Care Management Systems - CMO Amd. 16	Montefiore Hospital and Medical Center	50%	\$32,605	8/25/2014	8/28/2015
Khasawneh, Mohammad	Performance Improvement of Clinical Practices and Operations Research	New York Organ Donor Network	34%	\$21,267	5/21/2018	5/17/2019
Khasawneh, Mohammad	Organizational Excellence Support at Christiana Care	Christiana Care Health System	50%	\$31,301	12/30/2017	1/18/2019
Kwon, Soongeol	Feasibility Analysis of Wireless Charging for Electric Public Transportation Bus	NYS Energy Research and Development Authority	33%	\$33,000	5/1/2018	10/31/2019

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Lam, Sarah	Business Intelligence and Analytics for Server Manufacturing	IBM Corporation	50%	\$33,257	1/1/2018	12/31/2018
Lam, Sarah	Modeling Trailer Load Metrics and Development of Algorithms to Optimize Operational Efficiency at Carrier Facilities	Zebra Technologies Corporation	50%	\$30,611	12/25/2017	5/18/2018
Lee, Jinkun	Dynamic Renewable Resource Management for Sustainability: A Model-Free, Data-Driven Optimization Approach	National Science Foundation	50%	\$155,735	3/1/2018	2/28/2021
Lee, Jinkun	Multi-period Planning for PEV Charging Station Locations	NYS Energy Research and Development Authority	33%	\$33,000	5/1/2018	10/31/2019
Li, Huiyang	STTR Phase II: Self-Health Management Informatics Platform for Improving Patient Engagement in Care Delivery	SIPPA Solutions, LLC	100%	\$40,926	9/1/2018	8/31/2020
Li, Huiyang	R21 - Assessment of Asthma Education Through Face to Face Instruction, Mobile Applications and a Novel Approach Using Humanoid Robots: A Block Randomization Study	National Institutes of Health	15%	\$49,471	4/1/2019	3/31/2021
Li, Huiyang	CHS: Small: Enhancing the Persuasive Power of New Technologies Using Persuasive Experience (PX) Framework: The Case of Hologram-based Augmented Reality	National Science Foundation	100%	\$500,000	9/1/2018	8/31/2021
Lu, Shuxia	Plasmonic-Magnetic Nanoprobes for Detection of Cancer Biomarkers in the Microfluidic Platform	National Institutes of Health	50%	\$212,247	3/1/2018	2/29/2020
Lu, Shuxia	Real-Time Performance Reliability Prediction and Proactive Decision Making for Material Handling Systems	Toyota Material Handling North America	100%	\$284,605	11/1/2017	10/31/2019
Nagarur, Nagendra	Quality Engineering Research in Electronics Manufacturing	Sanmina Corporation	50%	\$33,500	1/23/2017	1/19/2018
Nagarur, Nagendra	Quality Engineering Research in Electronics Manufacturing	Sanmina Corporation	50%	\$13,616	1/22/2018	5/18/2018
Poliks, Mark	Manufacturing Process Optimization for Critical Device Packages	Analog Devices	100%	\$68,000	1/1/2018	12/31/2018

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Poliks, Mark	Characterization and Application of Particles for Semiconductor Industry	Merck KGaA	100%	\$120,000	4/1/2018	3/31/2019
Poliks, Mark	Roll-to-Roll (R2R) Fabrication of Electronic Corning Glass/Ceramic Surfaces	Corning Incorporated	100%	\$200,000	1/1/2018	12/31/2018
Poliks, Mark	Project 2.8 Additional Task: AFRL Failure Modes in Wearable Hydration Monitors	Flex Tech Alliance	100%	\$450,000	4/1/2018	3/31/2019
Poliks, Mark	Critical materials, surfaces and interfaces for advanced packaging	Analog Devices	100%	\$60,000	3/1/2018	2/28/2019
Poliks, Mark	Autonomous Soft Robotic Tourniquet	Flex Tech Alliance	100%	\$457,552	9/30/2018	9/29/2020
Poliks, Mark	MRI: Development of a Hard X-ray PhotoElectron Spectroscopy (HAXPES) for the Advanced Interfaces of Materials (AIM) Center at Binghamton University	National Science Foundation	13%	\$319,505	7/1/2018	6/30/2023
Poliks, Mark	Room-Temperature Sinterable Conductive Copper-Nanoalloys for Scalable Manufacturing of Paper-Based Sensors	National Science Foundation	50%	\$243,799	7/1/2018	6/30/2021
Poliks, Mark	Early stage development of next generation brain PET technology with ultrahigh spatial and temporal resolution	Cornell University	33%	\$99,106	9/1/2018	8/31/2020
Poliks, Mark	Evaluation of thermal interface materials	EMD Performance Materials Corp.	100%	\$5,000	9/1/2017	8/31/2018
Poliks, Mark	Topic 3.2 Printed Passive Components	Sensor Films, Inc.	100%	\$100,000	1/1/2018	3/31/2019
Poliks, Mark	Topic 3.4 Additive Manufacturing for fillet-based high density electrical interconnects for Different Level Surfaces	University of Maryland	100%	\$50,675	1/1/2018	6/30/2019
Poliks, Mark	Topic 3.1 Additively Printed Circuit Elements for Antenna & Microwave	Lockheed Martin Corporation	100%	\$600,000	1/1/2018	6/30/2019
Poliks, Mark	Topic 3.7(a) Disposable & Adjustable Vital Sign Monitoring Device	NextFlex	100%	\$1,000,000	1/1/2018	6/30/2019
Poliks, Mark	Topic 3.5 Industrial Asset Monitoring for Optimized Operations	NextFlex	100%	\$750,000	1/1/2018	6/30/2019

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Poliks, Mark	Topic 3.6 - Soft robotics for in situ, industrial maintenance applications in confined environments	Georgia Institute of Technology	50%	\$50,000	1/1/2018	12/31/2019
Poliks, Mark	AFRL Flexible Hybrid Electronics Phase 0 Foundational Engineering Problem	NextFlex	100%	\$200,000	9/1/2017	12/31/2018
Poliks, Mark	R21: Autonomous Detector Blocks for Brain PET with 50PS Coincidence Timing Resolution	Cornell University	33%	\$24,150	4/1/2018	3/31/2020
Poliks, Mark	Collaborative Research: GOALI: Manufacturing USA: Understanding the Fundamental Dynamics of Material Deposition in Aerosol Jet Printing of Flexible Hybrid Electronics	National Science Foundation	100%	\$163,315	6/1/2018	5/31/2021
Poliks, Mark	Asset Monitoring Systems-Technical Working Group #2	Flex Tech Alliance	100%	\$394,501	9/1/2018	8/31/2019
Santos, Daryl	System in Package (SiP) Assembly Engineering Research and Development	Analog Devices	50%	\$34,529	8/5/2017	8/10/2018
Sayama, Hiroki	NERCCS 2018: First Northeast Regional Conference on Complex Systems	National Science Foundation	33%	\$1,612	2/1/2018	5/31/2018
Sayama, Hiroki	Adaptive Network Modeling of Real-World Temporal Network Dynamics	National Science Foundation	33%	\$155,101	6/1/2018	5/31/2021
Sayama, Hiroki	NRT: Interdisciplinary STEM Training on Human Social Complexity via an Orthogonal Subject-Skill Curricular Matrix	National Science Foundation	20%	\$599,801	9/1/2018	8/31/2023
Srihari, Krishnaswami	Redesign of Care Processes and Workflows to Facilitate the Implementation of a Customer Relationship Management System	Cooper University Health Care	50%	\$31,304	1/6/2018	1/4/2019
Srihari, Krishnaswami	Modeling Trailer Load Metrics and Development of Algorithms to Optimize Operational Efficiency at Carrier Facilities	Zebra Technologies Corporation	50%	\$30,611	12/25/2017	5/18/2018
Srihari, Krishnaswami	Intelligent Pharmacy Solutions Using Simulation, Artificial Intelligence, Reliability, and Quotation	Innovation Associates	50%	\$124,721	5/21/2018	5/17/2019
Srihari, Krishnaswami	Enhancement of Symphony Pharmacy Workflow System to Support .Net Framework	Innovation Associates	50%	\$32,470	1/21/2018	1/18/2019

<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>
Srihari, Krishnaswami	Quality Engineering Research in Electronics Manufacturing	Sanmina Corporation	50%	\$13,616	1/22/2018	5/18/2018
Srihari, Krishnaswami	Improving the Efficiency and Effectiveness of Healthcare Delivery - Amd. 17 (to replace Amd. 15)	Montefiore Hospital and Medical Center	50%	\$32,605	1/8/2018	1/7/2019
Srihari, Krishnaswami	Continuous Process Improvement of Efficiency and Effectiveness in Healthcare Delivery at Navicent Health	Navicent Health	50%	\$112,465	2/19/2018	2/15/2019
Srihari, Krishnaswami	Healthcare Design Research and Development for Operational Efficiency and Value Creation	EwingCole	50%	\$34,690	3/1/2018	3/1/2019
Srihari, Krishnaswami	Quality Engineering Research in Electronics Manufacturing	Sanmina Corporation	50%	\$33,500	1/23/2017	1/19/2018
Srihari, Krishnaswami	Dispatching Process Automation and Demand Signal Analysis in Semiconductor Manufacturing (ADGT Phillipines)	Analog Devices	50%	\$35,663	2/12/2018	2/8/2019
Srihari, Krishnaswami	Enhancement of Symphony Pharmacy Workflow System to Support .Net Framework	Innovation Associates	50%	\$49,964	1/21/2018	1/18/2019
Srihari, Krishnaswami	Process Improvement Research and Development Support for Highly Reliable Organization (HRO) Initiatives at NYU Langone Medical Center	NYU Langone Medical Center - NYU School of Medicine	50%	\$66,425	1/22/2018	1/18/2019
Srihari, Krishnaswami	Improving the Efficiency and Effectiveness of Healthcare Delivery - Amd. 15	Montefiore Hospital and Medical Center	50%	\$82,605	8/25/2014	8/28/2015
Srihari, Krishnaswami	Business Process Engineering Support for Network Care Management Systems - CMO Amd. 16	Montefiore Hospital and Medical Center	50%	\$32,605	8/25/2014	8/28/2015
Srihari, Krishnaswami	Review and Re-engineering of Operations at Laufer Group International	Laufer Group International Ltd.	25%	\$16,944	12/28/2017	12/31/2018
Srihari, Krishnaswami	Business Intelligence and Analytics for Server Manufacturing	IBM Corporation	50%	\$33,257	1/1/2018	12/31/2018
Srihari, Krishnaswami	Business Intelligence and Performance Improvement at UHS	United Health Services Hospitals	50%	\$174,685	8/28/2017	8/24/2018

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Srihari, Krishnaswami	Medical/Diagnostic Devices and Enterprise Systems	Jabil Circuit Incorporated	100%	\$68,763	8/28/2017	8/24/2018
Srihari, Krishnaswami	System in Package (SiP) Assembly Engineering Research and Development	Analog Devices	50%	\$34,529	8/5/2017	8/10/2018
Srihari, Krishnaswami	Streamlining Logistics Network and Transportation Processes	The Raymond Corporation	50%	\$29,973	8/1/2017	8/3/2018
Srihari, Krishnaswami	Process Research and Development for Complex Surface Mount Device Assemblies	Smart Modular Technologies Inc	50%	\$32,536	8/28/2017	8/24/2018
Srihari, Krishnaswami	Improving Quality, Safety and Patient Flow and Outpatient Medication Management - Amd. 1	Memorial Sloan Kettering Cancer Center	50%	\$76,437	8/26/2017	8/24/2018
Srihari, Krishnaswami	Organizational Excellence Support at Christiana Care	Christiana Care Health System	50%	\$31,301	12/30/2017	1/18/2019
Srihari, Krishnaswami	Thermal Management in High Power LED Packages	General Electric Global Research	100%	\$59,502	1/8/2018	1/4/2019
Wang, Yong	EAGER: Real-Time: Collaborative Research: Online Frequency Regulation Using Aggregated Electric Vehicles Through Adaptive Optimal Policy Learning	National Science Foundation	100%	\$112,543	8/1/2018	7/31/2020
Wang, Yong	Multi-period Planning for PEV Charging Station Locations	NYS Energy Research and Development Authority	33%	\$33,000	5/1/2018	10/31/2019
Wang, Yong	Collaborative Research: Online Frequency Regulation Using Aggregated Electric Vehicles through Adaptive Optimal Policy Learning	National Science Foundation	100%	\$203,125	8/1/2018	7/31/2021
Wang, Yong	Economic and Environmental Evaluations of Dedicated Electronic Tariffs for Plug-in Electric Vehicles	National Science Foundation	100%	\$288,249	7/1/2018	6/30/2021
Wang, Yong	Integrated Supply Chain Management Based on Internet of Things Solutions	Oakland University	100%	\$104,736	11/1/2017	10/31/2018
Wang, Yong	COLLABORATIVE RESEARCH: Joint Energy Management of Production Facilities and the On-Site Microgrid for Resilient Manufacturing	National Science Foundation	50%	\$81,351	1/1/2018	12/31/2020
Won, Dae Han	SWEAT: Smart Wearable and Economic Alcohol-monitoring Technology	National Institutes of Health	40%	\$162,383	8/1/2018	7/31/2020

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Won, Dae Han	SWEAT-hs: Smart Wearable and Economic Appliance and Technology for Health and Stress Monitoring	Samsung Advanced Institute on Technology	33%	\$49,500	10/1/2018	9/30/2019
Yoon, Sang	Process Failure Mode Effect Analysis & Development of Printer Advixing/Online Modules in the Printed Circuit Board Assembly Process	Koh Young Technology, Inc.	25%	\$112,500	1/1/2018	12/31/2020
Yoon, Sang	Feasibility Analysis of Wireless Charging for Electric Public Transportation Bus	NYS Energy Research and Development Authority	34%	\$34,000	5/1/2018	10/31/2019
Yoon, Sang	Enhancement of Symphony Pharmacy Workflow System to Support .Net Framework	Innovation Associates	50%	\$32,470	1/21/2018	1/18/2019
Yoon, Sang	Performance Improvement of Clinical Practices and Operations Research	New York Organ Donor Network	33%	\$20,642	5/21/2018	5/17/2019
Yoon, Sang	Enhancement of Symphony Pharmacy Workflow System to Support .Net Framework	Innovation Associates	50%	\$49,964	1/21/2018	1/18/2019
Yoon, Sang	Intelligent Forklift Driver Assistance Systems (iFDAS): Developing Smart and Energy-Efficient Forklift Solutions via Analytics and Optimization Methods	Toyota Material Handling North America	50%	\$164,819	11/1/2017	10/31/2018
Yoon, Sang	Streamlining Logistics Network and Transportation Processes	The Raymond Corporation	50%	\$29,973	8/1/2017	8/3/2018
Yoon, Sang	Intelligent Pharmacy Solutions Using Simulation, Artificial Intelligence, Reliability, and Quotation	Innovation Associates	50%	\$124,721	5/21/2018	5/17/2019
Yoon, Sang	Dispatching Process Automation and Demand Signal Analysis in Semiconductor Manufacturing (ADGT Phillipines)	Analog Devices	50%	\$35,663	2/12/2018	2/8/2019
Zadehsabounchi, Nasim	A Social Marketing and Participatory Modeling Approach for Addressing the Role of Stigma in the Opioid Overdose Epidemic	Yale University	100%	\$266,494	9/30/2018	9/29/2021
Zadehsabounchi, Nasim	A Social Marketing and Participatory Modeling Approach for Optimizing Use of Antibiotics for Acute Respiratory Tract Infections	National Institutes of Health	33%	\$795,865	4/1/2019	3/31/2024

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Zadehsabounchi, Nasim	NRT: Interdisciplinary STEM Training on Human Social Complexity via an Orthogonal Subject-Skill Curricular Matrix	National Science Foundation	20%	\$599,801	9/1/2018	8/31/2023
Zadehsabounchi, Nasim	CT DPH Prescription Drug Overdose Prevention for States	Yale University	100%	\$46,628	11/15/2017	8/31/2019
Zadehsabounchi, Nasim	Individualized Dietary and Lifestyle (IDIEL) Program to Support Mental Wellbeing in Division I Athletes Individualized Dietary and Lifestyle (IDIEL) Program to Support Mental Wellbeing in Division I At	National Collegiate Athletic Association	50%	\$12,500	3/1/2018	2/28/2019
			Total # Credited	69.50		
			Total \$ Credited	\$15,415,316		
020 Univ Police Admin						
Faughnan, Timothy	AIR-TRAC: Artificial Intelligence based Real-Time Responding and Combating Violence by Predictive Surveillance Analytics	US Department of Justice	20%	\$202,839	1/1/2019	12/31/2021
Faughnan, Timothy	SCC:BIST: Building Intelligent Social Trust for Public Safety through Dynamic Data Integration	University of Missouri at Kansas City	10%	\$35,000	9/1/2018	8/31/2021
			Total # Credited	0.30		
			Total \$ Credited	\$237,839		
020 V P for Student Affairs						
Marulli, Erin	Youth Empowerment & Leadership Workshop	Broome County Youth Bureau	100%	\$5,280	5/1/2018	7/1/2018
Marulli, Erin	Adult Empowerment Series	United Way of Broome County Incorporated	100%	\$5,980	3/1/2018	3/31/2019
			Total # Credited	2.00		
			Total \$ Credited	\$11,260		
020 VP for Research						
Czarnecki, Steven	The Southern Tier M-Corps Program	NYS Energy Research and Development Authority	50%	\$1,000,000	3/1/2018	2/29/2020

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Turner, James	R21: Autonomous Detector Blocks for Brain PET with 50PS Coincidence Timing Resolution	Cornell University	34%	\$24,882	4/1/2018	3/31/2020
Turner, James	Early stage development of next generation brain PET technology with ultrahigh spatial and temporal resolution	Cornell University	34%	\$102,109	9/1/2018	8/31/2020
			Total # Credited	1.18		
			Total \$ Credited	\$1,126,991		

020 Watson School Deans Office

Bay, John	Summer Undergraduate Research Fellowships 2018 - Boulder	National Institute of Standards and Technology	100%	\$28,500	5/21/2018	8/3/2018
Bay, John	Summer Undergraduate Research Fellowships 2018 - Gaithersburg	National Institute of Standards and Technology	100%	\$76,000	5/21/2018	8/3/2018
Bay, John	A Testbed for Dynamic Bi-Directional Data Surveillance through Internet of Things based Virtual Reality (VR) and Augmented Reality (AR)	US Department of Defense	50%	\$35,972	6/15/2018	5/14/2019
Ghose, Kanad	I/UCRC Phase II: Bloomberg LP: Center for Energy-Smart Electronic System (ES2)	Bloomberg LP	50%	\$125,000	8/1/2017	7/31/2022
Ghose, Kanad	Panduit's Membership in the I/UCRC for Energy-Smart Electronic Systems, 2017-2022	Panduit Corporation	100%	\$250,000	8/15/2017	8/14/2022
Kent, Shanise	REU Site: U.S.-France Reliability of Microelectronics Assemblies and Power	National Science Foundation	50%	\$219,000	8/1/2018	7/31/2021
Majors, Monica	SUNY Binghamton University RISE Research Training Program	National Institute of General Medical Sciences	40%	\$1,023,612	5/1/2019	4/30/2024
Park, Seungbae	Knowles Participating membership in the IEEC 2018-19	Knowles Electronics LLC	100%	\$3,000	2/1/2018	1/31/2019
Park, Seungbae	Koh Young's Full Membership in the IEEC (3 years)	Koh Young Technology, Inc.	100%	\$180,000	2/1/2018	3/31/2021
Park, Seungbae	Amphenol Aerospace's participating membership in the IEEC	Amphenol Aerospace	100%	\$3,000	3/1/2018	2/28/2019

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Park, Seungbae	BW Elliott's participating membership in the IEEC, 2018-19	BW Elliott Manufacturing Company LLC	100%	\$3,000	5/1/2018	4/30/2019
Park, Seungbae	Juniper's Full Membership in the IEEC, 2018-19	Juniper Networks, In.c	100%	\$60,000	6/1/2018	5/31/2019
Park, Seungbae	Custom Electronics' Participating Membership in the IEEC 2018-2019	Custom Electronics Incorporated	100%	\$3,000	2/1/2018	1/31/2019
Park, Seungbae	M/A-COM's Participating Membership in the IEEC, 2018-19	M/A-COM Technical Solutions Incorporated	100%	\$3,000	4/12/2018	4/11/2019
Park, Seungbae	Smart Modular Technologies, Inc. Participating Membership in the IEEC, 2018-19	Smart Modular Technologies Inc	100%	\$3,000	5/1/2018	4/30/2019
Park, Seungbae	DuPont's participating membership in the IEEC, 2017-18	DuPont	100%	\$3,000	10/1/2017	9/30/2018
Park, Seungbae	Bell Semiconductor's Participating Membership in the IEEC 2018-2019	Bell Semiconductor	100%	\$3,000	5/15/2018	5/14/2019
Park, Seungbae	Mosaic Microsystems' Participating Membership in the IEEC, 2018-19	Mosaic Microsystems	100%	\$3,000	5/15/2018	5/14/2019
Park, Seungbae	Raymond Corporation's Participating Membership in the IEEC, 2018-19	The Raymond Corporation	100%	\$3,000	5/24/2018	5/23/2019
Park, Seungbae	Unison Industries Participating Membership in the IEEC 2018-19	Unison Industries	100%	\$3,000	4/1/2018	3/31/2019
Park, Seungbae	Anaren Incorporated Participating Membership in the IEEC	Anaren, Incorporated	100%	\$3,000	7/2/2018	7/1/2019
Park, Seungbae	M/A-Com's Participating Membership in the IEEC, 2017-18	M/A-COM Technical Solutions Incorporated	100%	\$3,000	11/1/2017	10/31/2018
Park, Seungbae	Prismark's participating membership in the IEEC, 2017-18	Prismark Partners LLC	100%	\$25,000	9/1/2017	8/31/2018
Park, Seungbae	Incodema3D's Participating Membership in the IEEC 2017-18	Incodema3D LLC	100%	\$3,000	10/1/2017	10/1/2018
Park, Seungbae	EMD Performance Materials, Corp.'s Membership in the IEEC, 2017-2018	EMD Performance Materials Corp.	100%	\$3,000	9/12/2017	9/11/2018
Park, Seungbae	Corning's membership in the IEEC 2017-18	Corning Incorporated	100%	\$60,000	10/1/2017	9/30/2018

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Park, Seungbae	Sanmina-SCI Corporation Participating membership in the IEEC, 2018-19	Sanmina Corporation	100%	\$3,000	2/15/2018	2/14/2019
Park, Seungbae	Energy Research Solutions Participating Membership in the IEEC, 2017-18.	Energy & Resource Solutions, Inc.	100%	\$3,000	11/1/2017	10/31/2018
Park, Seungbae	BAE's Full Membership in the IEEC, 2018	BAE Systems Controls Incorporated	100%	\$60,000	1/1/2018	12/31/2018
Park, Seungbae	Lockheed Martin's membership in the IEEC, 2018	Lockheed Martin Systems Integration Company	100%	\$60,000	1/1/2018	12/31/2018
Park, Seungbae	Universal Instrument's Participating Membership in the IEEC, 2018	Universal Instruments Corporation	100%	\$3,000	1/1/2018	12/31/2018
Park, Seungbae	Kionix's participating membership in the IEEC, 2017-18	Kionix, Inc.	100%	\$3,000	12/1/2017	11/30/2018
Park, Seungbae	i3 Electronics, Inc. Participating Membership in the IEEC 2018-2019	i3 Electronics, Inc.	100%	\$3,000	3/1/2018	2/28/2019
Park, Seungbae	Analog Devices, Inc. Full Membership in the IEEC, 2018-19	Analog Devices	100%	\$60,000	2/8/2018	2/7/2019
Park, Seungbae	Raymond's Participating Membership in the IEEC, 2017-18	The Raymond Corporation	100%	\$3,000	10/1/2017	9/30/2018
Sammakia, Bahgat	Testing of Extendable Barrier	Ilone Grinberg	100%	\$2,000	7/11/2017	7/10/2018
Sammakia, Bahgat	I/UCRC Phase II: Bloomberg LP: Center for Energy-Smart Electronic System (ES2)	Bloomberg LP	50%	\$125,000	8/1/2017	7/31/2022
Srihari, Krishnaswami	Quality Engineering Research and Development for Complex Surface Mount Device Assemblies	Smart Modular Technologies Inc	100%	\$68,442	7/2/2018	8/16/2019
Srihari, Krishnaswami	Performance Improvement of Clinical Practices and Operations Research	New York Organ Donor Network	33%	\$20,642	5/21/2018	5/17/2019
				Total # Credited	35.73	
				Total \$ Credited	\$2,542,168	

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Total Proposals Submitted:	563.00
Total Amount Requested:	\$223,629,948