

College/Division and Dept	Lead Faculty	Project Title	Sponsor Name	Prime Sponsor	Start Date	End Date	Amount Requested
ACADEMIC AFFAIRS (AA)							
COLLEGE OF THE ARTS (CART)							
Art & Design							
Lillethun, Abby		Resist-dyed and Digitally Printed Cotton Textiles	Cotton Incorporated		11/1/2021	10/31/2022	\$ 41,379
Cali School of Music							
Viega, Michael / Abrams, Brian		Beats from the Heart	Les Paul Foundation		12/1/2021	11/30/2022	\$ 13,006
Theatre & Dance							
Howard, Christian		To support the Montclair State University Department of Theatre and Dance's Latinx Dance Project	National Endowment for the Arts (NEA)		6/1/2022	5/31/2023	\$ 20,190
University Galleries							
Austin, Megan / Swart, Adam		Montclair State University Galleries Operating Support 2022-2023	National Endowment for the Arts (NEA)		1/1/2022	12/31/2023	\$ 150,000
Total Proposals for CART: 4						Total for CART:	\$ 224,575
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)							
Center for Autism and Early Childhood Mental Health							
Costa, Gerard / Mulcahy, Kaitlin		NJ DCF FY22	NJ Department of Children and Families		7/1/2021	6/30/2022	\$ 496,600
Mulcahy, Kaitlin		Clinical Formation Initiative in Infant and Early Childhood Mental Health	US Department of Health and Human Services (DHHS)	Substance Abuse and Mental Health Services Administration (DHHS-SAMHSA)	9/30/2022	9/29/2027	\$ 2,500,000
Mulcahy, Kaitlin		Enhancing Relationships in the First 1000 Days	NJ Department of Children and Families	NJ Department of Children and Families	7/1/2022	6/30/2025	\$ 680,000
Mulcahy, Kaitlin		Partnership between the NJ Department of Health and the Center for Autism and Early Childhood Mental Health at Montclair State University	Central Jersey Family Health Consortium (CJFHC)	NJ Department of Health	10/1/2021	9/30/2022	\$ 88,399
Center for Research & Evaluation on Education and Human							
Kyse, Eden		2022-23 New Jersey Middle School Risk and Protective Factor Survey	NJ Department of Human Services		4/1/2022	6/30/2024	\$ 1,012,659
Kyse, Eden / Bunger Johnson, Erin / Carpenter, Carrie		Evaluation of NJDLPS LEAD Program (FFY21 COSSAP LEAD Academic Partner)	NJ Department of Law and Public Safety	Bureau of Justice Assistance (DOJ-BJA)	7/1/2022	6/30/2024	\$ 150,000
Center of Pedagogy							
Robinson, Jennifer / Maloney, Tanya (TLRN) / Picower, Bree (TLRN)		TQP Support from Orange Public Schools	Orange Public Schools		10/1/2021	9/30/2025	\$ 174,000
Counseling							
Gainor, Kathy		Fostering the Integration of Spiritual Competency Training into Mental Health Graduate Education	University of South Alabama	John Templeton Foundation	8/1/2022	6/30/2023	\$ 40,000
Hannon, Michael		What brings you to counseling?: A grounded theory on what motivates counselors of color to join the profession	Spencer Foundation		1/1/2023	12/31/2024	\$ 50,000
Dean's Office							
Hagiwara, Sumi / Herbert-Berger, Katherine (Computer Sci)		MSU CS for Everyone Everywhere (CSEE)	NJ Department of Education		6/1/2022	3/31/2023	\$ 333,330
Educational Foundations							
Barnes, Nicole / Fives, Helenrose		Developing and Testing an Intervention to Promote Source Evaluation: Curbing the Influence of Misinformation for Students Attending Economically Disadvantaged Schools in the United States	Georgia State University	Institute of Education Sciences (ED-IES)	9/1/2022	8/31/2026	\$ 369,900
Gregory, Maughn / Atkinson, Andrew (Art & Design)		Open-Access Publication of the Original IAPC Philosophy for Children Curriculum	American Philosophical Association		1/1/2022	6/30/2023	\$ 5,000
Gregory, Maughn / Atkinson, Andrew (Art & Design) / Hierholzer, Jun (Art & Design)		Philosophy for Children Open Access Portal Project	National Endowment for the Humanities (NEH)		7/1/2022	6/30/2023	\$ 50,000
Reznitskaya, Alina		Building Scalable Online Professional Development to Promote Rigorous, Collaborative Argumentation in the Language Arts	Ohio State University	Institute of Education Sciences (ED-IES)	7/1/2022	6/30/2026	\$ 646,751
Reznitskaya, Alina		Collaborative Research: Conference: Promoting Cross-Disciplinary Dialogue Between Experts in Argumentation and Innovative Technologies	National Science Foundation (NSF)		8/1/2022	7/31/2023	\$ 20,546
Reznitskaya, Alina		The Rational Force Model: A New Approach to Assessing Argumentative Writing in Elementary School Classrooms	Lulea University of Technology	Stiftelsen Riksbankens Jubileumsfond	1/1/2023	12/31/2025	\$ 93,547
Reznitskaya, Alina		The Rational Force Model: A New Approach to Assessing Argumentative Writing in Elementary School Classrooms	Lulea University of Technology	Swedish Research Council	1/1/2023	12/31/2026	\$ 148,055
Rivera Rodas, Elizabeth		2021-2023 Emerging Poverty Scholar Fellowship	University of Wisconsin-Madison	JPB Foundation	9/21/2021	8/31/2023	\$ 60,000
Rivera Rodas, Elizabeth		CAREER: The Role of Advanced-Level Mathematics Course Availability and Gentrification on Latinx Postsecondary STEM Enrollment	National Science Foundation (NSF)		7/1/2022	6/30/2027	\$ 518,226
Rivera Rodas, Elizabeth		The Role of Advanced-Level Mathematics Course Availability and Gentrification on Latinx Postsecondary STEM Enrollment	Spencer Foundation		1/1/2023	8/31/2024	\$ 75,000
Rogers, Dorothy		American Women Philosophers: A Digital Collection	University of North Carolina	National Endowment for the Humanities (NEH)	7/1/2022	6/30/2025	\$ 46,205

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	Tinio, Pablo	Mirror to the World: The Power of Art to Build Understanding and Creativity	Yale University	Templeton Religion Trust	6/1/2022	11/30/2023	\$ 38,139
Educational Leadership							
	Jaffe-Walter, Reva	Echoes of Racialization in Danish High Schools: Teachers' Creative Negotiations of Policy in work with Muslim Youth	Spencer Foundation		11/1/2022	10/31/2024	\$ 75,000
	Liera, Roman	Becoming a College President in California's Public Colleges and Universities	Bensimon & Associates, LLC	College Futures Foundation	1/1/2022	8/31/2022	\$ 37,494
	Liera, Roman	How race becomes capital: Early career faculty of color navigating racial capitalism in the professoriate	Spencer Foundation		5/1/2023	6/30/2025	\$ 74,469
	Vega, Blanca	Higher Education and Student Affairs (HESA) Administrators' Experiences with Undocumented Students and Related State Policies	National Academy of Education	Spencer Foundation	9/1/2022	8/31/2024	\$ 70,000
	Vega, Blanca	Higher Education and Student Affairs (HESA) Administrators' Experiences with Undocumented Students and Related State Policies	Spencer Foundation		1/1/2023	6/30/2024	\$ 50,000
	Virella, Patricia	A Racial Reckoning in Paterson: Deploying Racial Equity-Oriented Leadership Professional Development for an Anti-Racist District Transformation - A Longitudinal Study	Spencer Foundation		1/1/2023	6/30/2025	\$ 75,000
Exercise Science & Physical Education							
	Phillips, David	A longitudinal analysis of lower extremity neuromuscular control during a jump-landing task: implications for ACL injury prevention in adolescents	National Institutes of Health (NIH)		9/1/2022	8/31/2027	\$ 1,544,794
Family Science and Human Development							
	Garcia-Reid, Pauline / Reid, Robert	The Paterson Coalition Against Substance Abuse is focused on the prevention of youth substance use in the First and Fourth Wards of Paterson, New Jersey - Year 10	Centers for Disease Control and Prevention (DHHS-CDC)		9/30/2022	9/29/2023	\$ -
	Reid, Robert	Paterson (NJ) / Montclair State University Sober Truth on Preventing Underage Drinking (STOP Act) Initiative	Substance Abuse and Mental Health Services Administration (DHHS-SAMHSA)		9/30/2022	9/29/2026	\$ 200,000
	Reid, Robert	Paterson (NJ) / Montclair State University Strategic Prevention Framework - Partnerships for Success (SPF- PFS) Initiative - Year 2	Substance Abuse and Mental Health Services Administration (DHHS-SAMHSA)		8/31/2022	8/30/2023	\$ -
	Reid, Robert / Garcia-Reid, Pauline	The Paterson (NJ)/Montclair State University Substance Abuse and HIV Prevention Navigator Initiative - Year 2	Substance Abuse and Mental Health Services Administration (DHHS-SAMHSA)		8/31/2022	8/30/2023	\$ -
	Urban, Jennifer	Collaborative Research: Developing the ISEE System to Further Inclusive Education Planning and Evaluation in Informal STEM Institutions	Center of Science and Industry	National Science Foundation (NSF)	9/1/2022	8/31/2026	\$ 135,475
	Urban, Jennifer / Linver, Miriam	Assessing Principled Innovation as an action oriented approach to character formation	Arizona State University	John Templeton Foundation	7/1/2022	6/30/2025	\$ 1,082,870
	Urban, Jennifer / Linver, Miriam	Character Through Community: Enhancing Collaboration and Evaluation	John Templeton Foundation		1/1/2022	12/31/2025	\$ 2,057,959
	Urban, Jennifer / Linver, Miriam	Global Innovations for Character Development - Character Platform, Phase 2	University of Birmingham, Edgbaston	Templeton World Charity Foundation	4/1/2022	3/31/2024	\$ 175,000
Nutrition and Food Studies							
	Bose, Mousumi	Patient-Focused Drug Development in Succinic Semialdehyde Dehydrogenase Deficiency	Speragen, Inc.		1/1/2022	8/31/2022	\$ 24,987
	Bose, Mousumi / Kerrihard, Adrian	Dietary Assessment in Zellweger Spectrum Disorder, Phase II - Supplement	The Global Foundation for Peroxisomal Disorders		1/1/2022	8/31/2022	\$ 16,232
	Feldman, Charles / Specchio, John	Plant Based Assessment	Upfield US Inc.		4/1/2022	12/31/2022	\$ 32,748
Public Health							
	Leech, Tamara	Community Conversations and Reimagining Public Safety	Carnegie Corporation of New York		7/1/2022	6/30/2024	\$ 200,000
	Leech, Tamara	Reimagining Public Safety	New York University	Microsoft Corporation	7/1/2021	6/30/2022	\$ 120,242
	Liu, Sze Yan	Mental health effects of caregiving and job stress among older adults using TMLE	University of Minnesota		7/1/2022	6/30/2023	\$ 23,899
	Silvera, Stephanie	Regional Public Health Training Center Program:PHTC-Region 2	City University of New York	US Department of Health and Human Services (DHHS)	7/1/2022	6/30/2026	\$ 160,000
	Vilar-Compte, Mireya	Co-development, implementation, and assessment of a family-centered responsive feeding program for infants and young children among low-income racially/ethnically diverse families in New Jersey	National Institutes of Health (NIH)		7/1/2023	6/30/2028	\$ 1,616,285
	Vilar-Compte, Mireya	Pathways to scale up integrated early childhood development programs	University of Nevada, Las Vegas	National Institutes of Health (NIH)	1/1/2022	4/30/2022	\$ 6,000
Teaching and Learning (TLRN)							
	Larkin, Douglas / Munakata, Mikako (Mathematics)	Secondary Teacher Education at Montclair for STEM (STEM-4-STEM)	National Science Foundation (NSF)		7/1/2022	6/30/2027	\$ 1,450,000
	Maloney, Tanya / Picower, Gabrielle / Robinson, Jennifer (Ctr of Pedagogy)	Year 3: Urban Teacher Residency at Montclair State University: UTR@MSU	US Department of Education		10/1/2022	9/30/2023	\$ -
	State, Talida	Individualizing Academic and Behavioral Accommodations for Student with or at-risk for Social, Emotional, and Behavioral (SEB) Needs to Accelerate Post-Pandemic Recovery	Institute of Education Sciences (ED-IES)		1/1/2022	8/31/2025	\$ 2,908,343

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	Zaal, Mayida	Research Communication: Teacher Diversity, Retention, and Muslim-American Teachers	Spencer Foundation		9/1/2022	6/30/2023	\$ 15,000
	Total Proposals for CEHS: 50						Total for CEHS: \$ 19,748,154
COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)							
Anthropology							
	Borgerson, Cortni	Building agricultural capacity to optimise nutrition and reduce biodiversity decline	SEED Madagascar	Darwin Initiative	1/1/2022	12/31/2024	\$ -
	Borgerson, Cortni	Traditional knowledge to ameliorate malnutrition and biodiversity loss in Madagascar	SEED Madagascar	Fund for Innovation in Development	1/1/2022	5/1/2025	\$ -
Center on Global Human Trafficking							
	Boak, Alison	Countering Human Trafficking: A Toolkit for State DOTs	Global Dynamic Group, LLC	National Academy of Sciences	3/1/2022	1/31/2024	\$ 75,000
	Boak, Alison	Project SEA Change: Survivor Engagement in Anti-Trafficking Programming	US Department of Justice (DOJ)		10/1/2022	9/30/2025	\$ 999,714
	Boak, Alison / Peterka-Benton, Daniela (Justice Studies)	The Human Trafficking and Disabilities Outreach Project-Serbia	US Department of State		7/1/2022	6/30/2023	\$ 25,000
English							
	Greenberg, Jonathan / Knight, Melinda	Re-imagining New Jersey: Reading and Writing Our Landmarks and Landscapes	National Endowment for the Humanities (NEH)		9/1/2023	8/31/2024	\$ 100,171
History							
	Strickland, Jeffery / Carnevale, Nancy	Inclusive Public History: A Faculty Development and Student Engagement Initiative	National Endowment for the Humanities (NEH)		7/1/2023	6/30/2026	\$ 149,696
Justice Studies							
	Kurze, Arnaud	Understanding Memorialization of Racial Violence in US History: A Pilot Study for Digital Visualization and Interactive Mapping	National Endowment for the Humanities (NEH)		11/1/2022	10/31/2024	\$ 49,668
	Ranjan, Sheetal	Evaluation of Hackensack Meridian Health - Jersey Shore University Medical Center's Community Based Violence Intervention Programs	National Institute of Justice (DOJ-NIJ)		10/1/2023	9/30/2027	\$ 996,895
	Ranjan, Sheetal	Formative Evaluation and Evaluability Assessment of a Hospital-Based Violence Intervention Program Servicing Economically Distressed Suburban Communities	National Institute of Justice (DOJ-NIJ)		1/1/2023	12/31/2024	\$ 565,040
	Ranjan, Sheetal	Project HEAL: Expansion of Community-Based Violence Intervention & Prevention Initiatives at Jersey Shore University Medical Center	Hackensack Meridian Health	Bureau of Justice Assistance (DOJ-BJA)	10/1/2022	9/30/2025	\$ 129,215
	Ranjan, Sheetal / Daftary Kapur, Tarika	Optimizing Program Effectiveness & Assessing Impact of Mentoring on Youth at Risk of Exposure to Violence	National Institute of Justice (DOJ-NIJ)		1/1/2023	12/31/2025	\$ 746,799
Linguistics							
	Feldman, Anna	Artificial Intelligence (AI) to support adaptive and personalized learning	Educational Testing Service		7/1/2022	6/30/2023	\$ 50,000
	Feldman, Anna / Peng, Jing (Computer Sci)	RI: Small: DaRE: Detection and Recognition of Euphemisms	National Science Foundation (NSF)		1/1/2023	12/31/2025	\$ 599,497
Psychology							
	Coyle, Samantha	A Comprehensive Meta-Analytic Investigation of the Association between School Climate and Student Social, Emotional, Behavioral and Academic Outcomes	Spencer Foundation		1/1/2023	12/31/2024	\$ 245,906
	Kang, Erin	Electrophysiological Correlates of Cognitive Inflexibility in Youth with Autism Spectrum Disorder and Associations with Anxiety Symptoms	Brain & Behavior Research Foundation		1/15/2023	1/14/2025	\$ 70,000
	Kang, Erin	LOI: Applicability of Evidence-based Intervention for Anxiety in Autistic Youth in High-Need Communities	Organization for Autism Research (OAR)		1/1/2023	12/31/2024	\$ -
	Kang, Erin	Neural Mechanisms of Cognitive inflexibility in Children with ASD and Associations with Clinical Presentation	Society for Research in Child Development		7/1/2022	6/30/2023	\$ 7,500
	King, Christopher	Serious Video Game Technology for Correctional Assessment and Treatment: Project Choices	American Psychology-Law Society		4/1/2022	10/1/2023	\$ -
	King, Christopher	Serious Video Game Technology for Correctional Assessment and Treatment: Project Choices	American Psychology-Law Society		4/1/2022	9/30/2023	\$ 49,825
	Masia, Carrie / Escobar, Melissa (Student)	2022 Health Policy Research Scholars Program: Melissa Escobar	Robert Wood Johnson Foundation		9/1/2022	8/31/2026	\$ 120,000
	Pehrson, Alan	Investigating the role of 5-HT1B receptor activation in the rapid antidepressant effects of ketamine	Brain Research Foundation		9/1/2022	8/31/2024	\$ -
	Yang, Yingying	Administrative Supplement: A Profile of Spatial Abilities in People with Down Syndrome and Their Correlations with Everyday Behavior	Eunice Kennedy Shriver National Institute of Child Health & Human Development (NIH-NICHD)		8/31/2022	4/30/2023	\$ 104,269
	Yang, Yingying / Lakusta, Laura	The Development of Wayfinding: The Role of Language and Gender	National Science Foundation (NSF)		7/1/2022	6/30/2025	\$ 598,856
	Yang, Yingying /Lakusta, Laura	Wayfinding in Children: Developmental Pathways, Supporting Cognitive Processes, and Gender Differences	National Science Foundation (NSF)		1/1/2023	12/31/2025	\$ 370,023
Social Work and Child Advocacy							
	Douglas, Emily / Zeitlin, Wendy	The Enhanced Child Advocacy and Policy Minor at Montclair State University	National Child Welfare Workforce Institute		10/1/2021	9/30/2022	\$ 199,373

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	Shpiegel, Svetlana	Incidence of Child Maltreatment among Children in Out of Home Care	The University of Chicago	Administration for Children and Families (DHHS-ACF)	9/30/2022	3/29/2024	\$ 9,962
	Shpiegel, Svetlana	Virtual Resource Center's Learning and Action Network Evaluation	Center for the Study of Social Policy	The Annie E. Casey Foundation	7/1/2021	6/30/2022	\$ 19,678
	Zeitlin, Wendy	Double Discrimination? The Intersection of Race and Disability in Child Welfare Decision Making	Boston University	National Science Foundation (NSF)	5/1/2022	4/30/2025	\$ 89,997
	Zeitlin, Wendy	Understanding the effects of a family preservation program for parents with intellectual disability	National Institutes of Health (NIH)		9/1/2022	8/31/2023	\$ 87,549
	Zeitlin, Wendy / Douglas, Emily	Under the Radar: Estimating and understanding failure to report child maltreatment	Administration for Children and Families (DHHS-ACF)		9/30/2022	3/29/2024	\$ 99,914
World Languages and Cultures							
	Fiore, Teresa	Memoria Presente - The Common Spanish Legacy in Italian and Latin American Cultures: A Trans-Language/Cultural Education Digital Archive	Spencer Foundation		1/1/2023	12/31/2023	\$ 60,000
	Oppenheim, Lois / Ho, Wing Shan / Kim, Yun	Year 2 Korean Program	Korean Education Center of New York		7/1/2021	6/30/2022	\$ 15,000
Total Proposals for CHSS: 33						Total for CHSS: \$	6,634,547
COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)							
Applied Mathematics and Statistics							
	Forgoston, Eric	Lorentz Center Workshop on Stability and Fluctuations in Complex Ecological Systems	Texas A&M University	National Science Foundation (NSF)	7/1/2022	6/30/2023	\$ 2,888
Biology							
	Aardema, Matthew	Epigenetic changes in two arbovirus vector mosquito species exposed to a sub-lethal dose of Bacillus thuringiensis israelensis (Bti)	American Mosquito Control Association		1/1/2022	12/31/2022	\$ 45,907
	Feehan, Colette	CAREER: Compound Extreme Events as Drivers of Sea Urchin Population Dynamics	National Science Foundation (NSF)		7/1/2022	6/30/2027	\$ 677,720
	Keenan, Julian / Munakata, Mikako (Mathematics) / Vaidya, Ashwin (Mathematics) / Wambacq, Ilse (Comm Sci & Disorders)	"Self"-education": How activating self-awareness through guided learning methods and brain stimulation improves information retention and comprehension	James S. McDonnell Foundation		9/1/2022	8/31/2024	\$ 249,763
	Krumins, Jennifer	URoLEEN Rules governing urban plant-soil feedbacks in changing climates are driven by socioecological networks	Rutgers University	National Science Foundation (NSF)	5/1/2022	4/30/2027	\$ 209,854
	Meredith, Robert / Aardema, Matthew / Bilyk, Kevin	MRI: Acquisition of a Shared Use Integrated High Throughput Next-Generation Sequencing Platform	National Science Foundation (NSF)		9/1/2022	8/31/2025	\$ 459,014
	Molina, Carlos	Analyzing the serendipitous localization of a transcriptional repressor to the centrosome	National Cancer Institute (NIH-NCI)		7/1/2022	6/30/2024	\$ 146,000
	Molina, Carlos	Establishing the role of the transcriptional repressor ICER in melanoma-genesis.	National Institutes of Health (NIH)		5/1/2023	4/30/2027	\$ 584,000
	Molina, Carlos	Melanomagenesis obstructs ICER function through post-translational mechanisms.	National Cancer Institute (NIH-NCI)		7/1/2022	6/30/2027	\$ 3,552,366
	O'Hagan, Robert	Understanding Ciliary Functions of a Tau Homolog and the Tubulin Code in C. elegans	National Institute of Neurological Disorders and Stroke (NIH-NINDS)		9/1/2022	8/31/2025	\$ 453,347
	Schuler, Matthew	BRC-BIO: Evaluating the ecological consequences of altered environmental heterogeneity caused by road salt pollution in streams at different spatial scales	National Science Foundation (NSF)		1/1/2023	12/31/2025	\$ 480,443
	Schuler, Matthew	BRC-BIO: Evaluating the ecological consequences of altered environmental heterogeneity caused by road salt pollution in streams at different spatial scales	National Science Foundation (NSF)		9/1/2022	8/31/2025	\$ 496,322
	Schuler, Matthew	Evaluating the potential consequences of environmental and biotic homogenization caused by road salt pollution in the Hudson River Watershed	Hudson River Foundation		10/15/2021	9/30/2022	\$ 48,744
	Schuler, Matthew	SG: The relative importance of abiotic conditions and microbial diversity in the resilience of pond communities following homogenization due to flooding	National Science Foundation (NSF)		9/1/2022	8/31/2024	\$ 199,810
	Schuler, Matthew / Lal, Pankaj (Earth & Environmental Studies)	Using aerially collected eDNA and eRNA to rapidly quantify biodiversity at potential solar energy facilities	US Department of Energy (DOE)		11/1/2022	10/31/2025	\$ -
Chemistry and Biochemistry							
	Bebbington, Magnus	LEAPS-MPS: Design, synthesis and optimization of dioxaporphycenes: super two-photon absorbers	National Science Foundation (NSF)		7/1/2022	6/30/2024	\$ 243,461
	Gao, Jinshan	Glycan Characterization and Quantitation via Free Radical Chemistry and Mass Spectrometry	The Camille and Henry Dreyfus Foundation		1/1/2022	12/31/2026	\$ 75,000
	Goodey, Nina / Hudson, Corbin (Student)	Detection of Ranavirus and other Viral Aquatic Pathogens	Rutgers University	US Geological Survey (DOI-UGS)	9/1/2022	8/30/2023	\$ 5,000
	Goodey, Nina / Lentine, Nicolina (Student)	Impacts of Salt and Artificial Root Exudates on Coastal Soil Function and Plant Growth	Rutgers University		9/1/2022	8/30/2023	\$ 5,000
	Lee, Il Hyung	Bottom-up reconstitution of cargo dynamics in vesicular trafficking and computer-assisted data analysis in chemistry.	Research Corporation for Science Advancement		7/1/2023	6/30/2025	\$ 100,000

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	Lee, Il Hyung	LEAPS-MPS: Development of efficient synthetic vesicular transport systems	National Science Foundation (NSF)		9/1/2022	8/31/2024	\$ 248,927
	O'Neil, Glen / Lee, Il Hyung / Leung, Kent (Physics & Astronomy) / Sarkar, Amrita / Wu, Laying (Dean's Office)	MRI: Acquisition of a High-Resolution Atomic Force Microscope at Montclair State University	National Science Foundation (NSF)		9/1/2022	8/31/2025	\$ 305,393
	Rotella, David	Structure-based development of potent PfPKG inhibitors for malaria chemoprevention	Rutgers University	Congressionally Directed Medical Research Programs (DOD-CDMRP)	3/1/2022	2/28/2026	\$ 979,190
	Rotella, David	Structure-guided development of potent PfPKG inhibitors for malaria chemoprotection	Congressionally Directed Medical Research Programs (DOD-CDMRP)		9/1/2023	8/31/2027	\$ 979,186
	Sarkar, Amrita	Large Scale Synthesis of Bifunctional Macromonomer for Synthesizing Multifunctional Peptide Polymer	Organic Syntheses, Inc.		6/1/2022	8/17/2023	\$ 8,000
Clean Energy and Sustainability Analytics Center							
	Lal, Pankaj	Utility Bill Deferments in New Jersey: Impact Assessment and Policy Options	NJ Board of Public Utilities		9/1/2021	5/31/2022	\$ 223,880
	Lal, Pankaj	Assistance to New Jersey Fuel Cell Task Force Report Development - Supplement	NJ Board of Public Utilities		12/1/2021	3/21/2022	\$ 18,054
	Lal, Pankaj	Integrated Decision Modelling of Offshore Wind Supply Chain Efficiency and Industrialization in New Jersey	National Offshore Wind Research & Development Consortium		4/1/2022	3/31/2024	\$ -
	Lal, Pankaj	Monitoring the Socioeconomic Impacts of New Jersey's Offshore Wind Development on Recreational Fisheries Economy	NJ Department of Environmental Protection		6/1/2022	5/31/2024	\$ 440,983
	Lal, Pankaj	Understanding social and behavioral barriers to vaccine acceptance in marginal populations in Madhya Pradesh, India	Northern Arizona University	Sabin Vaccine Institute	9/1/2021	8/31/2022	\$ 2,000
	Lal, Pankaj / Anu, Vaibhav (Computer Sci) / Varde, Aparna (Computer Sci)	Harnessing Social Media to Increase Vaccination Confidence and Uptake in India	Alliance for Advancing Health Online		8/15/2021	1/31/2022	\$ 248,663
	Lal, Pankaj / Sarkar, Amrita (Chemistry & Biochemistry)	Assistance to New Jersey Fuel Cell Task Force Report Development	NJ Board of Public Utilities		12/1/2021	3/21/2022	\$ 99,756
Computer Science							
	Herbert-Berger, Katherine	Collaborative Research: ANSWERS: SMALL: AI-Driven Integrative Prediction of Geoeffective Solar Eruptions, Geomagnetic Indices, and Thermospheric Density	National Science Foundation (NSF)		3/1/2022	2/28/2025	\$ 44,947
	Herbert-Berger, Katherine / Anu, Vaibhav / Hagiwara, Sumi (Dean's Office - CEHS) / Robila, Stefan / Wise, Linda (Teaching & Learning)	Collaborative Research: RET Site: Data Sciences and Data Fluency in Scientific Data Sets (DATA3)	National Science Foundation (NSF)		5/1/2022	4/30/2025	\$ 560,110
	Herbert-Berger, Katherine / Hagiwara, Sumi (Dean's Office - CEHS)	Montclair State University CS Education Hub (MSU CS Hub)	NJ Department of Education		6/1/2022	3/31/2023	\$ 333,335
	Jeng, Jingfu / Li, Dawei	Virtual Real Assistants for Online Learning	Spencer Foundation		6/1/2022	12/31/2023	\$ 40,994
	Li, Dawei / Zhu, Michelle	REU Site: Enhancing Undergraduate Research Experiences in Edge Computing	National Science Foundation (NSF)		2/1/2022	1/31/2025	\$ 323,568
	Shang, Jiacheng	CRII: SaTC: Towards Secure and Privacy-preserving Input on Augmented Reality Systems	National Science Foundation (NSF)		9/1/2022	8/31/2024	\$ 171,879
	Varde, Aparna / Anu, Vaibhav	HCC: Small: Optimizing the Human-Machine Infrastructure for Environmental Management Research and Education with Mobile Application Development	National Science Foundation (NSF)		7/1/2022	6/30/2025	\$ 440,071
	Wang, Weitian	Advancing Human-Robot Product Co-Assembly Tasks by Learning-Prediction-Collaboration from Multimodal Human Demonstrations in Smart Manufacturing Contexts	Sony		5/1/2022	4/30/2023	\$ 100,000
	Wang, Weitian / Cioe Pena, Maria (Educ Foundations) / Coutras, Constantine	Ready for Industry 4.0?: Assessing and Fortifying Robotics Knowledge Preparation for Underrepresented Groups to Improve Future High-Tech Workforce Diversity	Spencer Foundation		9/1/2022	8/31/2024	\$ 50,000
	Wang, Weitian / Lakusta, Laura (Psychology)	FW-HTF-P: Human Comfort-Based Robot Autonomy to Improve Worker-Robot Collaboration Productivity for Future Smart Manufacturing	National Science Foundation (NSF)		9/1/2022	8/31/2023	\$ 150,000
	Wang, Weitian / Tuininga, Amy (Dean's Office) / Zhu, Michelle	Supplement: MRI: Acquisition of a Multimodal Collaborative Robot System (MCROS) to Support Cross-Disciplinary Human-Centered Research and Education at Montclair State University	National Science Foundation (NSF)		9/1/2022	6/30/2023	\$ 32,000
	Zhu, Michelle	iCommute: intelligent Community-Aware Multi-Modal Transportation Platform	Infobeyond Technology LLC	US Department of Energy (DOE)	6/27/2022	3/26/2023	\$ 60,000
	Zhu, Michelle / Li, Rui	Exploring Theory and Design Principles[ETD]: Engage Diverse Youth in Artificial Intelligence-Inspired Game Development Through Informal Education	National Science Foundation (NSF)		5/15/2022	5/14/2025	\$ 400,000
Dean's Office							
	Billings, Lora / Gindt, Yvonne (Chemistry & Biochemistry)	GS-LSAMP PRELS - Supplement	Rutgers University	National Science Foundation (NSF)	9/1/2022	8/31/2023	\$ 227,830
	Brachfeld, Stefanie / Ayers, Allyson (Student) / Kashif, Hassan (Student)	Gum & Gums	VentureWell		7/15/2022	12/31/2022	\$ 5,000
Earth and Environmental Studies							

College/Division and Dept	Lead Faculty	Project Title	Sponsor Name	Prime Sponsor	Start Date	End Date	Amount Requested
	Chopping, Mark / Radakovic, Darko (Student)	Tall Shrub Expansion as a Driver of Rapid Permafrost Loss in Thermokarst Lakes	National Aeronautics and Space Administration (NASA)		9/1/2022	5/31/2025	\$ 121,302
	Cui, Ying	CAREER: Carbon cycle dynamics in ancient hyperthermals	National Science Foundation (NSF)		7/1/2022	6/30/2027	\$ 529,166
	Cui, Ying	Participation of Ying Cui on IODP Expedition 395C	Columbia University	National Science Foundation (NSF)	6/1/2021	2/28/2022	\$ 20,786
	Cui, Ying	Organic carbon and nitrogen isotope stratigraphy during the Neogene: IODP Expedition 395	Columbia University	National Science Foundation (NSF)	12/1/2023	11/30/2024	\$ 8,973
	Deng, Yang	AccelNet-Design: Building a Global Network of Networks toward Disaster Resilience of Water Supply Infrastructure	National Science Foundation (NSF)		7/1/2022	6/30/2024	\$ 250,000
	Deng, Yang	Hydrated Electron-Driven Advanced Reduction Process Enables In-Situ Ion Exchange Resin Regeneration for Efficient Mitigation of PFAS in Water Reuse	US Department of the Interior (DOI)		7/1/2022	6/30/2024	\$ 249,999
	Deng, Yang	On-site Microwave Regeneration of Biochar-modified Ceramic Water Filters (B-CWFs) for Low-cost and Low-maintenance Mitigation of PFAS-impacted Runoff	US Department of Defense (DOD)		5/1/2023	4/30/2024	\$ 250,000
	Deng, Yang / Lin, Qiufeng (Student)	Global and Local Impacts of Climate Change on Water Treatment	Rutgers University	US Geological Survey (DOI-UGS)	7/1/2022	6/30/2023	\$ 5,000
	Feng, Huan	DE-FOA-0002581: Impacts of Energy Transition on Atmospheric Composition and Urban Biogeochemical Dynamics: An Integrated Field Laboratory for Newark, New Jersey	Rutgers University	US Department of Energy (DOE)	1/1/2023	12/31/2027	\$ -
	Feng, Huan	Impacts of Energy Supply Transitions on Urban Atmospheric Composition and Biogeochemical Dynamics	Rutgers University	US Department of Energy (DOE)	9/1/2022	8/31/2027	\$ 525,088
	Lal, Pankaj / Billings, Lora (Dean's Office) / Connolly, Shawn (Facilities)	Clean Energy Research, Training, and Innovation (CERTI) Cluster	Rowan University	US Department of Commerce	12/17/2021	12/16/2022	\$ 66,962
	Lorenzo Trueba, Jorge	NJ Coastal Resilience Research Consortium	Monmouth University		5/1/2022	4/30/2023	\$ 48,000
	Lorenzo Trueba, Jorge	Modeling Long-Term Morphologic Response of Barrier Islands in Support of Research in Coastal Sediment Supply and Flux - Year 4	US Geological Survey (DOI-UGS)		7/1/2022	6/30/2023	\$ 50,000
	Passchier, Sandra / Hojnacki, Victoria (Student)	Participation of Victoria M. Hojnacki on IODP Exp 393	Columbia University	National Science Foundation (NSF)	6/1/2022	5/31/2023	\$ 16,638
Mathematics							
	Vaidya, Ashuwin	Collaborative Research: Protein Aggregation in Complex Flow Environments	National Science Foundation (NSF)		1/1/2022	12/31/2024	\$ 174,741
	Li, Aihua	Interdisciplinary Research in Graph Theory and Applications in Social Networks	Mathematical Association of America	National Science Foundation (NSF)	6/6/2022	7/22/2022	\$ 30,030
	Vaidya, Ashuwin	Collaborative Research: Multi-Scale Simulation Framework for Protein Aggregation and Complex Biochemical Systems	National Science Foundation (NSF)		9/1/2022	8/31/2025	\$ 200,709
	Vaidya, Ashuwin / Li, Aihua / Murdock, Bryan (Ctr for Community Engagement) / Roberts, Helen	CEMP: Community Engaged Math Program	National Science Foundation (NSF)		7/1/2022	6/30/2025	\$ 296,495
NJ Center for Water Science and Technology							
	Hsu, Tsung-Ta / Wu, Meiyin	Assessing the Influence of Combined Sewer Overflows on the Occurrence and Severity of Harmful Cyanobacterial Blooms	Hudson River Foundation		1/1/2022	12/31/2022	\$ 49,568
	Hsu, Tsung-Ta / Wu, Meiyin	Employing environmental DNA to investigate seasonal dynamics of harmful algal blooms for New Jersey drinking water sources	Rutgers University	US Geological Survey (DOI-UGS)	9/1/2022	8/30/2023	\$ 20,000
	Rossi, Alessandra / Wu, Meiyin	Coupling Socioeconomic Variables and Street Litter Data in Three Watersheds in NJ and NY to Tailor Floatable Trash Management Strategies in Environmental Justice Areas	Hudson River Foundation		1/1/2022	12/31/2022	\$ 37,311
	Wu, Meiyin	2022 Greenwood Lake Restoration Program	Greenwood Lake Commission	NJ Department of Environmental Protection	1/1/2024	12/31/2025	\$ 700,552
	Wu, Meiyin	Developing recommendations to guide water quality protection and restoration actions for the entire Musconetcong TMDL area from Waterloo to the Delaware River confluence at Riegelsville	NJ Department of Environmental Protection		3/1/2023	2/28/2026	\$ 851,753
	Wu, Meiyin	The Traveling HAB Lab: Empowering Citizen Scientists to Protect the State's Water Resources	National Oceanic & Atmospheric Administration (NOAA)		9/1/2022	8/31/2024	\$ 400,000
	Wu, Meiyin	Using data to guide the development of a Watershed Plan: Tracking sources of bacteria in the upper Musconetcong Watershed from Waterloo to Hackettstown.	NJ Department of Environmental Protection		3/1/2023	2/28/2026	\$ 776,823
	Wu, Meiyin	Utilizing MST to identify sources of fecal contamination in the Mulhockaway Creek Watershed to refine WRPP and TMDL recommendations	NJ Water Supply Authority	NJ Department of Environmental Protection	3/1/2023	2/28/2025	\$ 317,205
	Wu, Meiyin / Wang, Weitian (Computer Sci) / Zhu, Michelle (Computer Sci)	Development of Collaborative Robots for Automated Harmful Algal Bloom Detection and Risk Assessment	Army (DOD)		1/1/2023	12/31/2025	\$ -
	Wu, Meiyin / Wang, Weitian (Computer Sci) / Zhu, Michelle (Computer Sci)	MRI: Development of a Smart Aquatic Robot Platform for Real-time Harmful Algal Blooms Research	National Science Foundation (NSF)		9/1/2022	8/31/2027	\$ 3,588,467
Physics and Astronomy							
	Leung, Kent	CAREER: Low-energy nuclear physics and fundamental symmetries with neutrons and cryogenic technologies	National Science Foundation (NSF)		7/1/2023	6/30/2028	\$ 520,465
	Leung, Kent	Development and operation of a liquid helium-3 cryogenic target for low-energy QCD experiments at HIGS	Duke University	US Department of Energy (DOE)	3/1/2022	2/28/2023	\$ 35,486
	Leung, Kent	Development of measurement cells for the neutron Electric Dipole Moment experiment at the Spallation Neutron Source	Oak Ridge National Laboratory	US Department of Energy (DOE)	2/28/2022	9/30/2026	\$ 442,946

College/Division and Dept	Lead Faculty	Project Title	Sponsor Name	Prime Sponsor	Start Date	End Date	Amount Requested
PSEG Institute for Sustainability Studies							
	Tuininga, Amy / Goodey, Nina (Chemistry & Biochemistry)	Green Ag Teams: Urban-Rural Data and Technology Agricultural Training Exchange (URDaTA)	US Department of Agriculture (USDA)		1/14/2022	1/13/2027	\$ 750,000
Total Proposals for CSAM: 79						Total for CSAM: \$	25,862,870
FELICIANO SCHOOL OF BUSINESS (SBUS)							
Hospitality and Tourism							
	Lupinek, Joshua	Virtual Reality Broadcast Advertisement Placement: Creating an ROI measurement model for VR advertising	Adobe		5/1/2022	4/30/2023	\$ 50,000
Information Management and Business Analytics							
	Simsek, Serhat	Data Science Awareness and Literacy Program	Northeast Big Data Innovation Hub	National Science Foundation (NSF)	1/1/2022	5/31/2022	\$ 24,968
Total Proposals for SBUS: 2						Total for SBUS: \$	74,968
EOF AND ACADEMIC SUCCESS							
	Jean, Daniel / Lorenzo, Donna (Health Careers)	Montclair State University - Upward Bound Project - Newark, NJ	US Department of Education		9/1/2022	8/31/2027	\$ 1,437,685
Total Proposals for EOF & Academic Success: 1						Total for EOF & Academic Success: \$	1,437,685
HEALTH CAREERS							
	Lorenzo, Donna	Montclair State University - Upward Bound Project - Paterson, New Jersey	US Department of Education		9/1/2022	8/31/2027	\$ 1,488,005
Total Proposals for Health Careers: 1						Total for Health Careers: \$	1,488,005
INSTITUTIONAL RESEARCH AND EFFECTIVENESS							
	Lam, Lap-Pun	New Jersey Education to Earnings Database (NJEEDS) Delaware Cost Study	NJ Office of the Secretary of Higher Education		2/1/2022	6/30/2023	\$ 3,350
Total Proposals for Institutional Research and Effectiveness: 1						Total for Institutional Research and Effectiveness: \$	3,350
OFFICE FOR HISPANIC INITIATIVES							
	Goldfarb, Katia / Cioe Pena, Maria (Educ Foundations) / Rivera Rodas, Elizabeth (Educ Foundations) / Ruszczyk, Stephen (Sociology)	Collaborative Research: B2 3.0: RCN: Joint Latinx University Network Transforming Outcomes and Scholarship (JUNTOS)	National Science Foundation (NSF)		10/1/2022	9/30/2025	\$ 451,976
	Goldfarb, Katia / Lejter, Nelly (Dean's Office - Grad Sch)	Latinx PASADA: Pathways to STEM Advanced Degree Attainment	Hispanic Association of Colleges & Universities	National Science Foundation (NSF)	7/1/2022	6/30/2027	\$ 399,999
Total Proposals for Office for Hispanic Initiatives: 2						Total for Office for Hispanic Initiatives: \$	851,975
SCHOOL OF NURSING							
	McGaughey, Patricia (Generic BSN)	Distribution of high-performing prenatal care sites: a potential lever to reduce inequality in pregnancy outcomes for Black and Hispanic adolescent mothers	William T. Grant Foundation		7/1/2023	7/1/2028	\$ 350,000
Total Proposals for NURS: 1						Total for NURS: \$	350,000
OFFICE OF THE PRESIDENT							
Center for Community Engagement							
	Murdock, Bryan	Next Generation Service Corps at Montclair State University	The Volcker Alliance		1/1/2022	12/31/2022	\$ 100,000
	Murdock, Bryan / Pichardo, Jessica / Woolston, Krystal	NJ COVID Service Corps 2022-2023	NJ Commission on National and Community Service		9/1/2022	8/31/2023	\$ 606,221
	Murdock, Bryan / Woolston, Krystal	2022-23 Community-Engaged Learning Initiative	The Corella & Bertram F. Bonner Foundation		9/1/2022	6/30/2023	\$ 23,000
	Murdock, Bryan / Woolston, Krystal	NJCSC ARP Supplemental Funds	NJ Commission on National and Community Service		10/18/2021	8/31/2022	\$ 153,452
	Murdock, Bryan / Woolston, Krystal	The Civic Learning Demonstration Project: Pursuing Frameworks for Engaged Departments	The Corella & Bertram F. Bonner Foundation		1/1/2022	12/31/2022	\$ 20,000
	Woolston, Krystal	9/11 National Day of Service 2021	NJ Commission on National and Community Service		8/4/2021	9/30/2021	\$ 5,000
	Woolston, Krystal	MLK Day of Service 2022	NJ Commission on National and Community Service		12/15/2021	2/15/2023	\$ 5,000
Total Proposals for Center for Community Engagement: 7						Total for Center for Community Engagement: \$	912,673
STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)							
University Police							
	Jakubas, Janine	Patrick Leahy Bulletproof Vest Partnership	US Department of Justice (DOJ)		7/1/2022	6/30/2023	\$ 864

College/Division and Dept	Lead Faculty	Project Title	Sponsor Name	Prime Sponsor	Start Date	End Date	Amount Requested
		Total Proposals for SDCL: 1					Total of SDCL: \$ 864
		TOTAL PROPOSALS: 182					GRAND TOTAL: \$ 57,589,666

College/Division and Department	Lead Faculty	Project Title	Sponsor	Prime Sponsor	Start Date	End Date	Amount Awarded
ACADEMIC AFFAIRS (AA)							
COLLEGE OF THE ARTS (CART)							
Arts and Cultural Programming							
	Sharps, Ronald	General Program Support FY20-22 - Year 3	NJ State Council on the Arts		7/1/2021	6/30/2022	\$ 79,464
	Viega, Michael / Abrams, Brian	Beats from the Heart	MSU Foundation	Les Paul Foundation	12/1/2021	11/30/2022	\$ 5,000
		Total Awards for CART: 2					Total for CART: \$ 84,464
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)							
Center for Autism and Early Childhood Mental Health							
	Mulcahy, Kaitlin	NJ DCF FY22 - Award & Supplement	NJ Department of Children and Families	US Department of Health and Human Services (DHHS)	7/1/2021	6/30/2022	\$ 721,840
	Mulcahy, Kaitlin	Partnership between the NJ Department of Health and the Center for Autism and Early Childhood Mental Health at Montclair State University	Central Jersey Family Health Consortium (CJFHC)	NJ Department of Health	10/1/2021	9/30/2022	\$ 88,400
Center of Pedagogy							
	Robinson, Jennifer / Maloney, Tanya (TLRN) / Picower, Bree (TLRN)	Newark Urban Teachers: UTR@MSU	Newark Public Schools		8/1/2020	9/30/2025	\$ 975,000
	Robinson, Jennifer / Maloney, Tanya (TLRN) / Picower, Bree (TLRN)	TQP Support from Orange Public Schools	Orange Public Schools		10/1/2021	9/30/2025	\$ 174,000
Counseling							
	Hannon, Michael	Black Counselors' Motivation to Join the Profession: A Grounded Theory Study	Association for Counselor Education and Supervision		9/1/2021	8/31/2023	\$ 2,760
Dean's Office - CEHS							
	Hagiwara, Sumi / Herbert-Berger, Katherine (Computer Sci)	MSU CS for Everyone Everywhere (CSEE)	NJ Department of Education		6/1/2022	3/31/2023	\$ 333,330
Educational Foundations							
	Gregory, Maughn / Atkinson, Andrew (Art & Design)	Open-Access Publication of the Original IAPC Philosophy for Children Curriculum	American Philosophical Association		1/1/2022	6/30/2023	\$ 5,000
	Reznitskaya, Alina	Collaborative Research: Conference: Promoting Cross-Disciplinary Dialogue Between Experts in Argumentation and Innovative Technologies	National Science Foundation (NSF)		7/1/2022	6/30/2023	\$ 20,546
	Rivera Rodas, Elizabeth	Emerging Poverty Scholars Program	University of Wisconsin-Madison	JPB Foundation	9/21/2021	8/31/2023	\$ 60,000
	Tinio, Pablo	Mirror to the World: The Power of Art to Build Understanding and Creativity - Year 1	Yale University	Templeton Religion Trust	6/1/2022	5/30/2023	\$ 27,163
Educational Leadership							
	Bulkley, Katrina	School Choice Policy Research Center: A National Research Partnership to Improve School Choice for Disadvantaged Students - Year 4	Tulane University	Institute of Education Sciences (ED-IES)	9/1/2021	8/31/2022	\$ 30,765
	Liera, Roman	Becoming a college president in California's public colleges and universities: An inside look at how it happens	Bensimon & Associates, LLC	College Futures Foundation	1/1/2022	8/31/2022	\$ 37,494
Family Science and Human Development							
	Garcia-Reid, Pauline	Paterson Coalition Against Substance Abuse (P-CASA) - Year 9	Centers for Disease Control and Prevention (DHHS-CDC)		9/30/2021	9/29/2022	\$ 125,000
	Reid, Robert	Paterson (NJ)/Montclair State University Strategic Prevention Framework - Partnerships for Success (SPF-PFS) Initiative - Year 2	Substance Abuse and Mental Health Services Administration (DHHS-SAMHSA)		8/31/2021	8/30/2022	\$ 300,000
	Reid, Robert	The Paterson (NJ) / Montclair State University Substance Misuse, HIV, and Viral Hepatitis (VH) Prevention Navigator Initiative for Racial/Ethnic Minorities Ages 13-24 - Year 1	Substance Abuse and Mental Health Services Administration (DHHS-SAMHSA)		8/31/2021	8/30/2022	\$ 200,000
	Urban, Jennifer	Greater Good in Action 2.0: Making the Science of Character Virtue More Practical, Engaging and Impactful - Year 3	University of California-Berkeley	John Templeton Foundation	7/1/2022	6/20/2023	\$ 55,734
	Urban, Jennifer / Chatterjee, Patrali (Mkt) / Linver, Miriam	Supporting Parents to Guide Teen Character Development - Year 2	The Children's Hospital of Philadelphia	John Templeton Foundation	7/6/2021	7/5/2022	\$ 84,185
Nutrition & Food Studies							
	Bose, Mousumi	Patient-Focused Drug Development in Succinic Semialdehyde Dehydrogenase Deficiency	Speragen, Inc.		1/1/2022	7/31/2022	\$ 24,987
	Bose, Mousumi / Kerrihard, Adrian	Dietary assessment in Zellweger spectrum - Supplement	The Global Foundation for Peroxisomal Disorders		1/1/2022	8/31/2023	\$ 16,232
	Feldman, Charles / Specchio, John	Plant Based Assessment	Upfield US Inc.		4/1/2022	12/31/2022	\$ 32,748
	Kerrihard, Adrian	Pecan Shelf-Life & Storage Best Practices	University of Georgia	US Department of Agriculture (USDA)	1/18/2021	1/17/2023	\$ 10,000
Public Health							
	Leech, Tamara	Re-Imagining Public Safety	New York University		7/1/2021	6/30/2022	\$ 120,242
	Vilar-Compte, Mirreya	Pathways to scale up integrated early childhood development programs	University of Nevada, Las Vegas	National Institutes of Health (NIH)	8/28/2021	4/30/2022	\$ 6,001
Teaching and Learning (TLRN)							
	Larkin, Douglas / Munakata, Mikako (Mathematics)	Secondary STEM Teacher Education Scholarship Program - Years 1-3	National Science Foundation (NSF)		2/15/2022	1/31/2027	\$ 1,065,877
	Maloney, Tanya / Picower, Bree / Robinson, Jennifer (Ctr of Pedagogy)	Urban Teacher Residency at Montclair State University: UTR@MSU - Year 2	US Department of Education		10/1/2021	9/30/2022	\$ 803,258
		Total Awards for CEHS: 26					Total for CEHS: \$ 5,320,563
COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)							
Communication Sciences and Disorders							
	Hitchcock, Elaine	Biofeedback-Enhanced Treatment for Speech Sound Disorder: Randomized Controlled Trial and Delineation of Sensorimotor Subtypes - Year 4 & Supplement	New York University	National Institute on Deafness and Other Communication Disorders (NIH-NIDCD)	1/1/2022	12/31/2022	\$ 273,454

College/Division and Department	Lead Faculty	Project Title	Sponsor	Prime Sponsor	Start Date	End Date	Amount Awarded	
English	Hitchcock, Elaine	Biofeedback-Enhanced Treatment for Speech Sound Disorder: Randomized Controlled Trial and Delineation of Sensorimotor Subtypes - Supplement	New York University	National Institute on Deafness and Other Communication Disorders (NIH-NIDCD)	8/15/2021	12/31/2021	\$ 35,738	
	Hitchcock, Elaine	Online assessment and enhancement of auditory perception for speech sound errors	National Institute on Deafness and Other Communication Disorders (NIH-NIDCD)		8/1/2021	7/31/2024	\$ 471,373	
	Koehnke, Janet	New Jersey Hearing Aid Project 2019-2022 - Year 3	NJ Department of Human Services		7/1/2021	6/30/2022	\$ 100,795	
	Psychology	Knight, Melinda / Greenberg, Jonathan / Strickland, Jeffery (History)	Rediscovering American Democracy: Teaching the Humanities in the Time of COVID	National Endowment for the Humanities (NEH)		1/1/2022	12/31/2022	\$ 499,966
		Kang, Erin	Neural Mechanisms of Cognitive Inflexibility in Children with ASD and Associations with Clinical Presentation	Society for Research in Child Development		7/1/2022	6/30/2023	\$ 7,500
		King, Christopher	Serious Video Game Technology for Correctional Assessment and Treatment: Project Choices	American Psychology-Law Society		4/1/2022	9/30/2023	\$ 29,219
		Lakusta, Laura / Bragger, Jennifer	RUI: Antecedents of Servant Leadership Experiences for Underrepresented Students	National Science Foundation (NSF)		9/1/2021	8/31/2024	\$ 474,079
		Sandry, Joshua	Cognitive and neural mediators of working and long-term memory impairment in TBI - Year 3	NJ Department of Health		4/1/2022	3/31/2023	\$ 152,567
		Sandry, Joshua	MRI Markers of Feedback Timing during Learning in Individuals with TBI with and without Clinical Depression - Year 2	Kessler Foundation	National Institute of Neurological Disorders and Stroke (NIH-NINDS)	2/1/2022	1/31/2023	\$ 28,677
	Yang, Yingying	A Profile of Spatial Abilities in People with Down Syndrome and Their Correlations with Everyday Behavior - Year 3	Eunice Kennedy Shriver National Institute of Child Health & Human Development (NIH-NICHHD)		5/1/2022	4/30/2023	\$ 145,000	
Religion	Sobosjai, John	Seeing What Takes Place: Exploring Immersive Experiences of Religious Rituals	National Endowment for the Humanities (NEH)		1/1/2022	12/31/2022	\$ 39,176	
Social Work and Child Advocacy								
Sociology	Lytle, Nicole/Dickinson, Jason (Psychology)	Reliability of Evidence and Testimony in Child Maltreatment Cases - Year 3	National Science Foundation (NSF)		3/1/2022	2/28/2023	\$ 82,919	
	Shpiegel, Svetlana	Virtual Resource Center's Learning and Action Network Evaluation	Center for the Study of Social Policy		7/1/2021	6/30/2022	\$ 19,678	
World Languages and Cultures	Besen-Cassino, Yasemin	Contemporary Sociology Editorship - Year 4	American Sociological Association		1/1/2022	12/31/2022	\$ 54,500	
	Oppenheim, Lois/Ho, Wing Shan/Kim, Yun	Korean Program - Year 2	Korean Education Center of New York		12/1/2021	11/30/2023	\$ 15,000	
Total Awards for CHSS: 17						Total for CHSS:	\$ 2,429,642	
COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)								
Applied Mathematics and Statistics								
Biology	Forgoston, Eric	Collaborative Research: Leveraging Fluid-Structure Interactions for Efficient Control in Geophysical Flows	National Science Foundation (NSF)		11/1/2021	10/31/2024	\$ 199,934	
	Krumins, Jennifer	MCA: A Meta-analytic approach to resolving mechanisms of plant-soil-herbivore interactions	National Science Foundation (NSF)		8/15/2021	7/31/2024	\$ 241,421	
Chemistry and Biochemistry	Bebbington, Magnus	Catalytic Reactions with Rongalite - Sustainable Approaches to Diverse Sulfonyl Derivatives	American Chemical Society		1/1/2022	8/31/2025	\$ 70,000	
	Gao, Jinshan / Deng, Yang (EAES) / Goodey, Nina / Rotella, David / Wu, Meiyin (Biology)	MRI: Acquisition of a High-Resolution Accurate-Mass Orbitrap LC-MS System at Montclair State University	National Science Foundation (NSF)		8/1/2021	7/31/2024	\$ 449,969	
	Rotella, David	Pharmacologic Inhibition of PDE11A for Age-Related Memory Disorders - Year 3	National Institute on Aging (NIH-NIA)		5/1/2022	4/30/2023	\$ 731,471	
Clean Energy and Sustainability Analytics Center	Sarkar, Amrita	ERI: Underlying Interfacial Phenomena in PFAS- Polymer Sorbent Adsorption	National Science Foundation (NSF)		2/15/2022	1/31/2024	\$ 194,025	
Computer Science	Lal, Pankaj (EAES)	Office of the Economist: Research and Technical Assistance-Utility Bill Deferments in New Jersey	NJ Board of Public Utilities		9/1/2021	5/31/2022	\$ 222,889	
	Lal, Pankaj (EAES) / Sarkar, Amrita (Chemistry & Biochemistry)	Assistance to New Jersey Fuel Cell Task Force Report Development	NJ Board of Public Utilities		1/7/2022	1/6/2023	\$ 93,339	
	Herbert-Berger, Katherine	Collaborative Research: ANSWERS: Prediction of Geoeffective Solar Eruptions, Geomagnetic Indices, and Thermospheric Density Using Machine Learning Methods	National Science Foundation (NSF)		5/1/2022	4/30/2025	\$ 44,947	
	Herbert-Berger, Katherine / Anu, Vaibhav / Hagiwara, Sumi (Dean's Office - CEHS) / Robila, Stefan / Wise, Linda (TLRN)	Collaborative Research: RET Site: Data Sciences and Data Fluency in Scientific Data Sets (DATA3)	National Science Foundation (NSF)		6/1/2022	5/31/2025	\$ 560,110	
	Herbert-Berger, Katherine / Hagiwara, Sumi (Dean's Office - CEHS)	Montclair State University CS Education Hub (MSU CS Hub)	NJ Department of Education		6/1/2022	3/31/2023	\$ 333,335	
	Shang, Jiacheng	CRII: SaTC: Towards Secure and Privacy-preserving Input on Augmented Reality Systems	National Science Foundation (NSF)		10/1/2022	9/30/2024	\$ 171,879	
	Wang, Weitian	CRII: CPS: A Bi-Trust Framework for Collaboration-Quality Improvement in Human-Robot Collaborative Contexts	National Science Foundation (NSF)		7/15/2021	6/30/2023	\$ 173,490	
	Wang, Weitian	ERI: High-performance Human-robot Collaborative Manufacturing Enabled by Integrated Multimodal Teaching, Learning, Prediction and Interaction	National Science Foundation (NSF)		2/1/2022	1/31/2024	\$ 200,000	

College/Division and Department	Lead Faculty	Project Title	Sponsor	Prime Sponsor	Start Date	End Date	Amount Awarded
Dean's Office	Wang, Weitian / Tuininga, Amy (Dean's Office - CSAM) / Zhu, Michelle	MRI: Acquisition of a Multimodal Collaborative Robot System (MCROS) to Support Cross-Disciplinary Human-Centered Research and Education at Montclair State University - Award & Supplement	National Science Foundation (NSF)		10/1/2021	9/30/2024	\$ 321,737
	Brachfeld, Stefanie / Ayers, Allyson (Student) / Kashif, Hassan (Student)	Gum & Gums	VentureWell		7/1/2022	3/31/2023	\$ 5,000
Earth and Environmental Studies (EAES)	Billings, Lora/Gindt, Yvonne (Chemistry & Biochemistry)	Louis Stokes STEM Pathways and Research Alliance: Garden State LSAMP - Years 3 & 4	Rutgers University	National Science Foundation (NSF)	3/1/2021	2/28/2023	\$ 132,946
	Brachfeld, Stefanie	Collaborative Research: Linking Marine and Terrestrial Sedimentary Evidence for Plio-pleistocene Variability of Weddell Embayment and Antarctic Peninsula Glaciation	National Science Foundation (NSF)		9/1/2021	8/31/2024	\$ 191,890
	Brachfeld, Stefanie	RUI: Tracing coal ash solids in the environment: implications for long-term contamination of the aquatic ecosystem - Year 3	Appalachian State University	National Science Foundation (NSF)	3/1/2022	2/28/2023	\$ 12,168
	Chopping, Mark	Forest and Shrub Mapping with MISR - Supplement	California Institute of Technology	National Aeronautics and Space Administration (NASA)	1/1/2022	12/31/2022	\$ 40,590
	Cui, Ying	Collaborative Research: Probing Causal Links Among Volcanism, Dust, and Carbon Burial in the Permian - a Harbinger of the Future?	National Science Foundation (NSF)		9/1/2021	8/31/2024	\$ 62,230
	Cui, Ying	U.S. Science Support Program Office associated with the International Ocean Discovery Program (USSSP-IODP)	Columbia University	National Science Foundation (NSF)	6/1/2021	5/31/2022	\$ 20,786
	Deng, Yang	Hydrated Electron-Driven Advanced Reduction Process Enables In-Situ Ion Exchange Resin Regeneration for Efficient Mitigation of PFAS in Water Reuse	US Department of the Interior (DOI)		6/27/2022	6/30/2024	\$ 249,999
	Deng, Yang	Microwave Irradiation-Enabled Household On-Site Regeneration of Activated Carbon for Sustainable Point-of-Use Removal of PFAS in Drinking Water	US Environmental Protection Agency (EPA)		7/1/2022	6/30/2023	\$ 25,000
	Deng, Yang	Optimizing Green Infrastructures and Low Impact Developments to Mitigate Runoff and Pollution Impacts on Freshwater Systems - Year 1	NJ Sea Grant Consortium	National Oceanic & Atmospheric Administration (NOAA)	9/1/2021	8/31/2022	\$ 51,856
	Deng, Yang	Process Intensification-enabled Activated Ferrate(VI) Treatment (AFT) Systems for Resilient Agricultural Water Reuse	US Department of Agriculture (USDA)		1/1/2022	12/31/2025	\$ 750,000
	Deng, Yang	Towards Innovative and Green Water Reuse with Integrated Constructed Wetlands and Ferrate (VI) Treatment - Year 2 & Supplement	National Academy of Sciences	US Agency for International Development (USAID)	8/1/2021	6/30/2022	\$ 51,911
	Deng, Yang / Yang, Lisitai (Student)	Reshaping Conventional Water Purification with Ferrate (VI) Activation: One-step Treatment Enables Removals of Harmful Algal Blooms-Derived Emerging and Traditional Contaminants	Rutgers University	US Geological Survey (DOI-UGS)	9/1/2021	8/31/2022	\$ 5,000
	Lorenzo Trueba, Jorge	Large-scale CoPe: Megalopolitan Coastal Transformation Hub (MACH): Improving the Understanding and Governance of Co-Evolving Hazards, Development, and Coastal Processes - Year 1	Rutgers University	National Science Foundation (NSF)	8/1/2021	7/31/2022	\$ 199,790
	Passchier, Sandra	West Antarctic Ice-sheet Change and Paleoclimatology in the Amundsen Sea Across the Pliocene Climatic Optimum	National Science Foundation (NSF)		8/15/2021	7/31/2024	\$ 410,572
	Passchier, Sandra / Hojnacki, Victoria (Student)	U.S. Science Support Program Office associated with the International Ocean Discovery Program (USSSP-IODP)	Columbia University	National Science Foundation (NSF)	6/1/2022	2/28/2023	\$ 16,638
Mathematics	Greenstein, Steven / DiNapoli, Joseph / Robinson, Jennifer (Ctr of Pedagogy)	Preparing the Effective Elementary Mathematics Teacher - Year 5	National Science Foundation (NSF)		4/1/2022	3/31/2023	\$ 71,949
	Li, Aihua	National Research Experience for Undergraduates Program (NREUP)	Mathematical Association of America	National Science Foundation (NSF)	6/1/2022	8/31/2022	\$ 30,030
NJ Center for Water Science and Technology	Wu, Meiyin (Biology)	Data to Action: tracking sources of bacteria in the Musconetcong Watershed to guide water quality restoration and protection actions	NJ Department of Environmental Protection	US Environmental Protection Agency (EPA)	1/1/2021	1/1/2023	\$ 353,000
	Favata, Marc	CAREER: Research and Education in Gravitational-Wave Science - Year 5	National Science Foundation (NSF)		6/1/2021	5/31/2022	\$ 78,564
Professional Resource in Science and Mathematics (PRISM) Center	Billings, Lora (Dean's Office - CSAM) / Weir, Nicole (Dean's Office - CSAM)	The New Jersey STEM Innovation Fellowship - Year 3	Math for America		7/1/2021	6/30/2022	\$ 215,000
	PSEG Institute for Sustainability Studies	Tuininga, Amy / Besen-Cassino, Yasemin (Sociology) / Billings, Lora (Dean's Office - CSAM) / Goodey, Nina (Chemistry & Biochemistry)	Partnered Internships: Including Families, Faculty, and Industry in STEM Education to Improve Success in STEM Career Pathways - Years 4 & 5	National Science Foundation (NSF)	6/1/2020	5/31/2025	\$ 761,611
Total Awards for CSAM: 40					Total for CSAM: \$ 7,745,081		
HEALTH CAREERS	Lorenzo, Donna	Montclair State University Upward Bound Project - Year 5	US Department of Education		9/1/2021	8/31/2022	\$ 297,601
	Lorenzo, Donna	Montclair State University - Upward Bound Project - Paterson, New Jersey - Year 1	US Department of Education		9/1/2022	8/31/2023	\$ 297,601

College/Division and Department	Lead Faculty	Project Title	Sponsor	Prime Sponsor	Start Date	End Date	Amount Awarded
		Total Awards for Health Careers: 2					Total for Health Careers: \$ 595,202
INTERNATIONAL ACADEMIC INITIATIVES							
	Watts, Chelsey	IIE American Passport Project - Supplement	Institute of International Education, Inc.		4/30/2021	4/30/2022	\$ 500
		Total Awards for International Academic Initiatives: 1					Total for International Academic Initiatives: \$ 500
INSTITUTIONAL RESEARCH AND EFFECTIVENESS							
	Lam, Lap-Pun	New Jersey Education to Earnings Database (NJEEDS) Delaware Cost Study	NJ Office of the Secretary of Higher Education		2/1/2022	6/30/2023	\$ 3,350
		Total Awards for International Research: 1					Total for Institutional Research: \$ 3,350
UNIVERSITY COLLEGE							
	Hood, David	At Home in College in the Age of COVID-19: Improving Instruction, Access, and Engagement in Minority-Serving Institutions	US Department of Education		8/2/2021	8/1/2023	\$ 2,615,449
	Hood, David / Billings, Lora (Dean's Office CSAM)	Governor's Emergency Education Relief Fund II (GEERF II) Opportunity Meets Innovation Challenge Grants	NJ Office of the Secretary of Higher Education	US Department of Education	6/1/2021	9/30/2023	\$ 1,310,500
	Hood, David / Insalaco-Egan, Danielle	Advising 2025: Creating a Coordinated Care Network for Student Success - Year 3	US Department of Education		10/1/2021	9/30/2022	\$ 445,528
		Total Awards for University College: 3					Total for University College: \$ 4,371,477
OFFICE OF THE PRESIDENT							
Center for Community Engagement							
	Murdock, Bryan	Next Generation Service Corps at Montclair State University	The Volcker Alliance		1/1/2022	12/31/2022	\$ 100,000
	Murdock, Bryan / Pichardo, Jessica / Woolston, Krystal	AmeriCorps 2021-2022 - NJ COVID-19 Service Corps	NJ Commission on National and Community Service	Corporation for National and Community Service	9/1/2021	8/31/2022	\$ 406,026
	Murdock, Bryan / Woolston, Krystal	AmeriCorps 2021-2022 - NJ COVID-19 Service Corps - Supplement	NJ Commission on National and Community Service	Corporation for National and Community Service	9/1/2021	8/30/2022	\$ 93,973
	Murdock, Bryan / Woolston, Krystal	The Civic Demonstration Project: Pursuing Frameworks for Engaged Departments - Year 3	The Corella & Bertram F. Bonner Foundation		7/1/2021	6/30/2022	\$ 20,387
	Woolston, Krystal	9/11 Day of Service	NJ Commission on National and Community Service	Corporation for National and Community Service	9/1/2021	1/31/2022	\$ 9,580
	Woolston, Krystal / Murdock, Bryan	FY22 Dr. Martin Luther King Jr Day of Service	NJ Commission on National and Community Service	Corporation for National and Community Service	12/15/2021	1/28/2022	\$ 5,000
		Total Awards for Center for Community Engagement: 6					Total for Center for Community Engagement: \$ 634,966
STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)							
Dean of Students							
	deCarvalho, Fatima (Student Ctr) / Dinour, Lauren (Nutrition & Food Studies)	Hunger-Free Campus Grants	NJ Office of the Secretary of Higher Education	US Department of Education	6/1/2021	9/30/2023	\$ 100,000
University Police							
	Barrett, Kieran / Jakubas, Janine	SFY21: Body-Worn Camera Grant Program	NJ Department of Law and Public Safety		1/1/2021	12/31/2025	\$ 81,520
		Total Awards for SDCL: 2					Total for SDCL: \$ 181,520
		TOTAL AWARDS: 100					GRAND TOTAL: \$ 21,366,765