

Awards from Federal, Massachusetts, or Municipal Entities for Calendar Year 2023 - Quarter Q3

Awarded Date	PI	Sponsor Name	Title	Obligated Total \$
7/5/2023	Metz, Ricardo B	NATIONAL SCIENCE FOUNDATION	Determining Mechanisms and Energetics of Alkane Activation and Coupling by Transition Metal Ions	\$160,000
7/6/2023	Spencer, Rebecca M	NIH-NATIONAL INSTITUTES OF HEALTH	Function of biphasic sleep in infants	\$407,366
	Srimathveeravalli, Govindarajan	NIH-NATIONAL INSTITUTES OF HEALTH	Intrasurgical tissue engineering of autologous grafts using irreversible electroporation for bladder reconstruction	\$337,917
	Westling, Theodore g	NATIONAL SCIENCE FOUNDATION	Advances in Causal Inference With Continuous Exposures	\$61,106
7/7/2023	DeAngelis, Kristen M	U.S. DEPARTMENT OF ENERGY	How Microbes and Minerals Make Necromass that Persists	\$806,349
	Hatte, Marie-Francoise I	UPPER BLACKSTONE CLEAN WATER	Blackstone River Monitoring 2023-2024	\$77,880
	Sun, Yubing	NIH-NATIONAL INSTITUTES OF HEALTH	Patterning human forebrain organoids by engineering controlled biochemical microenvironment	\$225,528
7/10/2023	Boutt, David F	TOWN OF SOUTH HADLEY	Geochemical and Environmental Tracer Study of Dry Brook Hill Aquifer, South Hadley, MA	\$11,997
	Cokotis, Peter J	U.S. DEPARTMENT OF DEFENSE	APEX Accelerator-Option Period 3 for Existing Award Recipients Step (2) Full Application (Formerly PTAC Program)	\$379,286
	Urla, Jacqueline L	NATIONAL SCIENCE FOUNDATION	Graduate Research Fellowship Program (GRFP)	\$2,077,922
7/11/2023	Kent, Jane A	NIH-NATIONAL INSTITUTES OF HEALTH	Muscle Fatigue and its Impact on Mobility Function in Aging	\$482,621
	Levine, Brian N	NATIONAL SCIENCE FOUNDATION	Renewal of the Scholarship for Service Program at the University of Massachusetts Amherst	\$1,101,164
	Mafu, Sibongile	NATIONAL SCIENCE FOUNDATION	Investigating terpene metabolism in Medicago truncatula	\$625,487

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7/11/2023	SMILEY, KRISTINA O	NIH-NATIONAL INSTITUTES OF HEALTH	Hormonal regulation of sensory processing during parental care	\$126,085
	Zhang, Hao	NATIONAL SCIENCE FOUNDATION	CAREER: Robot Reflections in Lifelong Adaptation	\$79,159
7/13/2023	Kundu, Sandip	NATIONAL SCIENCE FOUNDATION	SaTC: CORE: Small: Emerging Security Challenges and a Solution Framework for FPGA-accelerated Cloud Computing	\$299,995
	Williams, Michael L	NATIONAL SCIENCE FOUNDATION	Collaborative Research: Impact of Magmatic Underplating on the Evolution of Lower Continental Crust	\$204,715
7/14/2023	Martini, Douglas N	NIH-NATIONAL INSTITUTES OF HEALTH	Identifying potential cortical mechanisms responsible for gait impairment in older adult fallers	\$189,869
	McKeag, Lisa A	MA DEPT OF AGRICULTURAL RESOURCES	Support of the Food & Drug Administration FDA; Food Safety Modernization Act FSMA; Produce Safety Rule PSR; and state program requirements	\$64,485
	Reeves, Katherine W	NIH-NATIONAL INSTITUTES OF HEALTH	Perfluoroalkyl substances and breast cancer tissue biomarkers	\$405,349
	Reich, Nicholas G	CENTERS FOR DISEASE CONTROL & PREVENTION	Influenza Forecasting Center of Excellence at University of Massachusetts Amherst	\$950,000
	Sireci, Stephen G	MA DEPT OF ELEMENTARY & SECONDARY ED	Developing and Validating Assessments for Adult Basic Education Learners in Massachusetts	\$1,780,572
7/18/2023	Zink, Michael	NATIONAL SCIENCE FOUNDATION	CC* Integration-Large: An 'On-the-fly' Deeply Programmable End-to-End Network-centric Platform for Edge-to-Core Workflows	\$149,030
7/21/2023	Lee, Jae-Hwang	NATIONAL SCIENCE FOUNDATION	Micro-ballistic Spectroscopy of Ballistic Mechanical Metasurface	\$516,989
	MacLean, Meghan G	MA EXEC OFFICE OF ENERGY & ENVIRON AFF	Update and extend forest carbon and land sector analysis from the 2050 Roadmap Study to inform the development of a Natural Working Lands plan and the Clean Energy and Clim..	\$152,609
7/24/2023	Gleason, Colin J	NATIONAL AERO AND SPACE ADMINISTRATION	Developing, testing, and operationalizing a cloud-based open-source system to produce a global SWOT discharge product and advance the science of discharge estimation.	\$88,270

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7/24/2023	Gleason, Colin J	NATIONAL AERO AND SPACE ADMINISTRATION	Monitoring the flow of proglacial rivers in High Mountain Asia	\$50,000
	Hardy, Jeanne A	NIH-NATIONAL INSTITUTES OF HEALTH	Biotechnology Training Program in Applied Life Sciences	\$530,535
	Zink, Michael	NATIONAL SCIENCE FOUNDATION	EAGER: Collaborative Research: CNS: PRATE: P4 Research enabled by Accelerators in national Testbeds	\$29,112
7/25/2023	Doherty, Jeffery J	MA DEPT OF AGRICULTURAL RESOURCES	FY24 purchase and setup of equipment that will be used by Massachusetts Pesticide Analytics Lab (MPAL) for testing of chemical compounds that is a requirement for hemp regulat..	\$320,529
	Narayanan, Gopalakrishnan	NATIONAL SCIENCE FOUNDATION	OMaYA - a 1mm wavelength focal-plane array receiver for the Large Millimeter Telescope	\$690,816
	Schiffman, Jessica D	NATIONAL SCIENCE FOUNDATION	Establishing the mechanoselective adhesion of microorganisms to biomaterials	\$84,078
	Senner, Nathan R	NATIONAL SCIENCE FOUNDATION	Collaborative Research: Predicting novel interactions between parasitic botflies and high-elevation deer mice under climate change	\$82,580
7/26/2023	Donoghue, John F	NATIONAL SCIENCE FOUNDATION	Particle Physics, Gravity and Cosmology	\$205,000
	Liu, Tingyi	NIH-NATIONAL INSTITUTES OF HEALTH	Engineering of Stretchable Neural Interfaces Using Liquid Metals for Stable Electrical Communication and Adaptive Stiffness Transformation	\$191,871
	Zhang, Hongkun	NATIONAL SCIENCE FOUNDATION	ATD: Deep Learning on Anomaly Detection for Human Dynamics and Hazard Response	\$359,654
7/27/2023	Doherty, Jeffery J	MA DEPT OF AGRICULTURAL RESOURCES	FY24 ISA Massachusetts Pesticide Analytical Laboratory (MPAL) Services (STATE)	\$162,500
	Mager, Jesse	NIH-NATIONAL INSTITUTES OF HEALTH	Streamline assessment of early lethal phenotypes in the mouse	\$613,215
	Stager, Maria	NATIONAL SCIENCE FOUNDATION	Collaborate Research: Feedback between physiological performance and social foraging in multi-species social network of wintering birds	\$802,385

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7/28/2023	Hebert, Daniel N	NIH-NATIONAL INSTITUTES OF HEALTH	Cellular protein maturation and degradation	\$339,388
	Hertel, Scott A	U.S. DEPARTMENT OF ENERGY	Optimization And Calibration Of A 4He-Based Detector For Low-Mass Dark Matter	\$139,000
	Negishi, Shota	NATIONAL SCIENCE FOUNDATION	Structure building in language production	\$450,000
	O'Connor, Brendan	NATIONAL SCIENCE FOUNDATION	CAREER: Social Population Measurement from Text	\$68,033
	Rey-Bellet, Luc	NATIONAL SCIENCE FOUNDATION	Regularized divergences and their gradient flows, generative modeling and structure-preserving learning	\$300,000
	Velle, Katrina B	NIH-NATIONAL INSTITUTES OF HEALTH	Defining cytoskeletal mechanisms driving cell motility in Naegleria	\$115,382
7/31/2023	Gierasch, Lila M	NIH-NATIONAL INSTITUTES OF HEALTH	Protein folding in the cell: Challenges and coping mechanisms	\$119,275
	Iyer, Mohit N	NATIONAL SCIENCE FOUNDATION	Collaborative Research: RI: Medium: Multilingual Long-form QA with Retrieval-Augmented Language Models	\$554,150
	Karatsoreos, Ilia	NATIONAL AERO AND SPACE ADMINISTRATION	Rodent Research Standard Housing Mission: Multidisciplinary Approach to Understanding Spaceflight Responses	\$11,158
	Williams, Michael L	NATIONAL SCIENCE FOUNDATION	Collaborative Research: Equipment: Acquisition of a Confocal Micro-Raman Spectroscopy System at the University of Massachusetts and Amherst College	\$251,169
	Yu, Kristine M	NATIONAL SCIENCE FOUNDATION	Conference: Prosodic and psycholinguistic connections in verb-initial languages: Special session at the 31st Annual Meeting of the Austronesian Formal Linguistics Association-..	\$42,609
8/1/2023	Allan, James	NATIONAL SCIENCE FOUNDATION	Collaborative Research: III: Medium: Athena: Learning-oriented Search with Personalized Learning Flows	\$354,618
	Crivelli, Katherine M	MA OFFICE FOR VICTIM ASSISTANCE	Rape Crisis Services	\$185,789

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8/1/2023	Melnik, Mark A	MA DEBT MANAGEMENT DEPARTMENT OF THE STATE TREASURER'S OFFICE	Treasury STAR 2022	\$42,555
	Murray, John G	MA DEPT OF TRANSITIONAL ASSISTANCE	FY 23 INFP CIES	\$4,326
	Pocar, Andrea P	NATIONAL SCIENCE FOUNDATION	nEXO: a Search for Neutrino-less Double Beta Decay with a Tonne-Scale Enriched Xenon Time Projection Chamber	\$250,000
8/2/2023	Auerbach, Scott M	U.S. DEPARTMENT OF ENERGY	Integrated Synthesis and Modeling Study on the Roles of Heteroatoms and Structure-Directing Agents in Zeolite Formation	\$214,755
	Evans, Elizabeth A	FRANKLIN COUNTY SHERIFF'S OFFICE	HEALing Franklin County (Helping to End Addiction Long-term)	\$104,949
	Reid, Allecia E	NIH-NATIONAL INSTITUTES OF HEALTH	Promoting Maintenance of Behavior Change Following Brief Alcohol Intervention	\$173,848
	Wang, Chen	U.S. DEPARTMENT OF ENERGY	Enhancing performance of bosonic qubits in circuit QED with reservoir engineering	\$165,364
8/3/2023	Chen, Yu	NIH-NATIONAL INSTITUTES OF HEALTH	Automatic Wide-Field Optical Coherence Tomography for Assessment of Transplant Kidney Viability	\$626,318
	Harper, Richard W	NORTHERN RESEARCH STATION (USFS)	Monitoring Firewood Bank Implementation across the United States	\$25,000
	Jentoft, Friederike C	U.S. DEPARTMENT OF ENERGY	Acid Catalysis Design Guided by Spectroscopic Analysis of Reaction Networks	\$268,150
	Machta, Jonathan L	NATIONAL SCIENCE FOUNDATION	Collaborative Research: New mathematical approaches for understanding spatial synchrony in ecology	\$57,703
	Sandler, Hilary A	AGRICULTURAL RESEARCH SERVICE	USDA-ARS-RSA-FY24	\$7,700
8/4/2023	Rauch, Jennifer	NIH-NATIONAL INSTITUTES OF HEALTH	Deciphering the Molecular Features Underlying LRP1-Mediated Tau Spread	\$50,913

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8/8/2023	Conklin, Shane R	MASSACHUSETTS TECHNOLOGY COLLABORATIVE	Gloucester Marine Station	\$2,000,000
8/9/2023	Gerson, Alexander R	NATIONAL SCIENCE FOUNDATION	Conference: Recent advances in the mechanistic understanding of avian responses to environmental challenges	\$14,785
	Kumar, Krishna S	NATIONAL SCIENCE FOUNDATION	Collaborative Research: Apparatus for Normalization and Systematic Control of the MOLLER Experiment	\$78,288
	Lackner, Matthew A	NATIONAL SCIENCE FOUNDATION	GCR: The Transition to a Sustainable Energy Future	\$49,962
	Qian, Jing	NIH-NATIONAL INSTITUTES OF HEALTH	Analysis of Alzheimer's disease studies that feature truncated or interval-censored covariates	\$225,334
	Sireci, Stephen G	INSTITUTE OF EDUCATION SCIENCES	Adult Skills Assessment Program: Actionable Assessments for Adult Learners	\$806,333
8/10/2023	Musco, Cameron N	NATIONAL SCIENCE FOUNDATION	CAREER: Fast Linear Algebra: Algorithms and Fundamental Limits	\$126,380
	Reich, Nicholas G	NIH-NATIONAL INSTITUTES OF HEALTH	Methods for real-time forecasting and inference during infectious disease outbreaks	\$432,090
8/14/2023	Rao, Siyuan	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Non-invasive Cell-type-specific Magnetic Neural Modulation	\$150,000
8/15/2023	Chasan-Taber, Lisa	NIH-NATIONAL INSTITUTES OF HEALTH	Cardiovascular Disease Risk Factors in At-Risk Hispanic Women following Pregnancy Complications	\$433,200
	Spencer, Rebecca M	NATIONAL SCIENCE FOUNDATION	Targeted reactivation of emotional memories during sleep	\$601,763
8/16/2023	Balasubramanian, Raji	NIH-NATIONAL INSTITUTES OF HEALTH	Network Models for Metabolomics	\$334,684
	Mamo, Sara K	NIH-NATIONAL INSTITUTES OF HEALTH	Communication Challenges and Barriers to Hearing Care for Older Bilingual Latinx Adults	\$194,770

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8/16/2023	Siqueira, Paul R	NATIONAL AERO AND SPACE ADMINISTRATION	Evaluation of X-band SAR data for Ecosystems and Snow applications	\$100,173
	Vardatira, Sharon M	MA DEPARTMENT OF MENTAL HEALTH	DMH CBHKC FY24	\$106,300
8/17/2023	Ping, Jinglei	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Control of Neurons and Astrocytes through Microelectrochemical Microenvironmental pH Modulation	\$150,000
8/18/2023	Bradley, Raymond S	NATIONAL SCIENCE FOUNDATION	NSFGEO:NERC: Collaborative Research: Environmental change and impacts on prehistoric human colonization of Peary Land, northernmost Greenland	\$138,079
	Brown, Casey M	BUREAU OF RECLAMATION	Upper Rio Grande Futures Modeling	\$229,777
	Larsen, Isaac	U.S. DEPARTMENT OF ENERGY	Abiotic and biotic controls on chemical weathering rates and solute generation	\$72,703
	Wu, Nianqiang	NIH-NATIONAL INSTITUTES OF HEALTH	Analytical Validation of Portable Devices for Detection of Traumatic Brain Injury Biomarkers	\$678,106
	Zink, Michael	NATIONAL SCIENCE FOUNDATION	EAGER: SPRITE: Sensor Processing and Realtime Intelligence at The Edge - Supporting the National Discovery Cloud for Climate with Advanced Networking, Cloud, and Edge Compu..	\$300,000
8/21/2023	Atukorale, Prabhani U	NIH-NATL CANCER INSTITUTE	Tumor-directed immunostimulatory nanoparticles for novel 'prime-pull' cancer vaccination	\$194,090
	Deconto, Robert M	WORLD CLIMATE RESEARCH PROGRAMME	Supplementary Support: Climate and Cryosphere (CliC) Project Office	\$92,966
	Gwilliam, Owen G	NATIONAL SCIENCE FOUNDATION	CAREER: Factorization algebras in quantum field theory	\$109,132
8/22/2023	Geissler, Kimberley L	NIH-NATIONAL INSTITUTES OF HEALTH	The Role of Insurance Networks and Organizational Factors in Guideline-Concordant Care for Serious Mental Illness	\$239,250
	Iyer, Mohit N	NATIONAL SCIENCE FOUNDATION	CAREER: Building Creative Writing Assistants for Machine-in-the-Loop Storytelling	\$109,295

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8/22/2023	Katz, Paul	NIH-NATIONAL INSTITUTES OF HEALTH	A Connectomic analysis of a developing brain undergoing neurogenesis	\$673,565
	Pocar, Andrea P	NATIONAL SCIENCE FOUNDATION	Collaborative Research: The DarkSide Dark-Matter Search Using Liquid Argon	\$130,000
	Prokofiev, Nikolay V	U.S. DEPARTMENT OF ENERGY	Diagrammatic Monte Carlo approach to real-frequency response functions and the spin-fermion model of hot spots	\$140,000
8/23/2023	Arcaro, Kathleen F	NIH-NATIONAL INSTITUTES OF HEALTH	Mammary Epithelium Permeability, Lactation Outcomes, and Infant Health	\$700,685
	Harper, Krista M	U.S. ENVIRONMENTAL PROTECTION AGENCY	EPA STAR: Community-Engaged Co-Design for a Just and Sustainable Energy Transition	\$1,111,418
	Serio, Tricia R	NIH-NATIONAL INSTITUTES OF HEALTH	Cellular Mechanisms and Consequences of Protein Misfolding and Resolution	\$360,074
8/24/2023	Itter, Malcolm S	U.S. GEOLOGICAL SURVEY	Informing landscape-scale management for resilient plant communities through the identification of climate-adapted native species	\$399,106
8/25/2023	Elkinton, Joseph S	U.S. FOREST SERVICE	Monitoring winter moth populations with e-DNA to detect incipient outbreaks	\$28,061
	Xiong, Ya Y	NATIONAL SCIENCE FOUNDATION	Collaborative Research: HCC: Medium: Advancing Visualization Decision Support through Mitigating Confirmation Bias	\$514,987
	Zink, Michael	NATIONAL SCIENCE FOUNDATION	CCRI: Grand: Collaborative Research: Open CloudLab	\$251,921
8/28/2023	Griffin, Curtice R	U.S. FOREST SERVICE	Linking Management to Biodiversity - New Joint Venture Agreement 20-JV-11242308-051	\$47,040
	Ho, Carlton L	FEDERAL RAILROAD ADMINISTRATION	Machine Learning-based Analysis of the Need for Railway Track Maintenance	\$149,492
	Jung, Geunhwa	MA DEPT OF AGRICULTURAL RESOURCES	Substrate water content management in vegetative cutting propagation.	\$56,478

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8/28/2023	Ma, Zhiyuan	NATIONAL SCIENCE FOUNDATION	Collaborative Research: The Emergence of Dusty Starbursts in Cosmic History	\$270,796
	Pereira Arboleya, Mariana	NIH-NATIONAL INSTITUTES OF HEALTH	Postpartum Depression and Parenting: Role of mPOA circuits in maternal sensitivity	\$418,178
	Ping, Jinglei	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Atomic-Scale Two-Dimensional Material Processing System	\$255,275
	Schloerb, F P	NATIONAL SCIENCE FOUNDATION	US Community Access to the Large Millimeter Telescope	\$306,481
8/29/2023	Bell, Beverley J	U.S. DEPARTMENT OF EDUCATION	Para-to-Teacher Program for Early Childhood Education (ECE) Licensure in Massachusetts (Pre K-2)	\$262,933
	Fiterau Brostean, Madalina	NIH-NATIONAL INSTITUTES OF HEALTH	Early Alzheimers Forecasting from Multimodal Data via Deep Transfer Learning, Evaluated on a Large-Scale Prospective Cohort Study	\$287,118
	Ganesan, Deepak K	NIH-NATIONAL INSTITUTES OF HEALTH	Massachusetts AI and Technology Center for Connected Care in Aging and Alzheimer's Disease	\$333,185
8/30/2023	Misra, Joya	NATIONAL SCIENCE FOUNDATION	Creating Pathways for STEM Higher Education Leadership	\$679,791
	Sandler, Hilary A	NATL INSTITUTE OF FOOD AND AGRICULTURE	Integrating development, implementation and awareness of effective strategies and technologies to promote Specialty Crop IPM in Massachusetts	\$272,829
9/1/2023	Goodell, Jody J	MA DEPT OF TRANSITIONAL ASSISTANCE	Supplemental Nutrition Assistance Program Education (SNAP-Ed) FY2023	\$2,431,060
	Schneider, Jack E	MA DEPT OF ELEMENTARY & SECONDARY ED	Education Commonwealth Project	\$550,000
	UVIN, JOHAN E	NH DEPT OF TRANSPORTATION	NHTSA Toxicology Consultant Services II	\$208,618
9/5/2023	Butler, Brett J	SOUTH CAROLINA FORESTRY COMMISSION	Proposal for Intensifying the National Woodland Owner Survey for the South Carolina Forestry Commission	\$29,540

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9/5/2023	Cheung, Alice Y	NIH-NATIONAL INSTITUTES OF HEALTH	Deciphering Male- and Female-coordinated Gating Mechanisms that Ensure Plant Reproductive Success	\$314,460
	Crivelli, Katherine M	MA DEPARTMENT OF PUBLIC HEALTH	Comprehensive Rape Crisis Services	\$123,258
	Senner, Nathan R	NATIONAL AERO AND SPACE ADMINISTRATION	Multi-source Detection and Monitoring of Ephemeral Shallow Wetlands in an Agricultural Prairie System	\$50,000
	Siqueira, Paul R	NATIONAL AERO AND SPACE ADMINISTRATION	NISAR mission Ecosystems science development during the pre- to post-launch transition period	\$152,312
9/6/2023	Breger, Dwayne S	MA DEPARTMENT OF ENERGY RESOURCES	MA DOER ISA with the UMass Clean Energy Extension	\$2,000,000
	Kumar, Krishna S	U.S. DEPARTMENT OF ENERGY	Precision QCD and Electroweak Studies with Polarized Electrons	\$464,000
	Stratton, Margaret M	NIH-NATIONAL INSTITUTES OF HEALTH	Unraveling the molecular events driven by CaMKII in Ca2+-coupled cells	\$398,750
	Vachet, Richard W	NIH-NATIONAL INSTITUTES OF HEALTH	Protein Amyloid Formation and Inhibition Studied by Mass Spectrometry	\$398,750
	You, Mingxu	NIH-NATIONAL INSTITUTES OF HEALTH	Defining Mechanical Landscapes at Cell-Cell Junctions	\$387,170
9/7/2023	Roy, Alison H	MA DIVISION OF FISHERIES AND WILDLIFE	Cooperative Research: Fisheries and Wildlife	\$180,000
9/8/2023	Perry, Sarah L	NIH-NATIONAL INSTITUTES OF HEALTH	Fixed-Target Platforms for Time-Resolved Crystallography	\$315,123
	Willcoq, Stephane Y	U.S. DEPARTMENT OF ENERGY	High Energy Physics research on the ATLAS Experiment at the Large Hadron Collider	\$1,035,000
9/11/2023	Calzetti, Daniela	NATIONAL AERO AND SPACE ADMINISTRATION	1,000 Star Formation Histories in Nearby Galaxies	\$109,281

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9/11/2023	Domke, Justin C	NATIONAL SCIENCE FOUNDATION	CAREER: Automatic Variational Inference	\$110,238
	Giavalisco, Mauro	NATIONAL AERO AND SPACE ADMINISTRATION	How Galaxies Reionized the Universe: Understanding Local Analogs and Extending to High Redshift	\$50,000
9/12/2023	Grason, Gregory M	U.S. DEPARTMENT OF ENERGY	Shaping Symmetry and Molding Morphology of Triply-Periodic Assemblies via Molecular Design and Processing of Block Copolymers	\$227,000
	Liu, Tingyi	NATIONAL SCIENCE FOUNDATION	Manufacturing of Super-Repellent Surfaces with High Mechanical Resilience	\$415,457
	Mager, Jesse	NIH-NATIONAL INSTITUTES OF HEALTH	Streamline assessment of early lethal phenotypes in the mouse	\$160,998
	Maji, Subhransu	NATIONAL SCIENCE FOUNDATION	IIS:RI:Small: Modeling and Relating Visual Tasks	\$244,388
	Milman, Anita D	WOODWELL CLIMATE RESEARCH CENTER, INC.	SCC-IRG Track 1: Connecting coastal communities with continuously measured sensor-based water quality data.	\$127,304
Zick, Yair	NATIONAL SCIENCE FOUNDATION	RI: Small: The Surprising Power of Sequential Fair Allocation Mechanisms	\$599,785	
9/13/2023	Atalay, Sonya L	NATIONAL SCIENCE FOUNDATION	Center for Braiding Indigenous Knowledges and Science	\$5,891,516
	GUAN, HUI	NATIONAL SCIENCE FOUNDATION	Collaborative Research: CSR: Medium: MemDrive: Memory-Driven Full-Stack Collaboration for Autonomous Embedded Systems	\$475,253
	Oblomkov, Alexei A	NATIONAL SCIENCE FOUNDATION	Knot Homology and Moduli of Sheaves	\$65,157
9/14/2023	Catanzaro, Paul F	MA DEPT OF CONSERVATION AND RECREATION	Massachusetts Department of Conservation and Recreation Forestry Internships	\$20,000
9/15/2023	Ganesan, Deepak K	NIH-NATIONAL INSTITUTES OF HEALTH	Massachusetts AI and Technology Center for Connected Care in Aging and Alzheimer's Disease	\$1,411,816

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9/15/2023	Lee, Sunghoon I	NIH-NATIONAL INSTITUTES OF HEALTH	SCH: A Sensing Platform Monitoring Interactions with Daily Objects to Assess Real-World Motor Performance in Stroke Survivors	\$298,482
	SENA, MARK P	MA DEPARTMENT OF HIGHER EDUCATION	FY2024 MAICEI Implementation/Continuation Grant	\$173,273
	Vardatira, Sharon M	MA DEPT. OF HOUSING & COMMUNITY DEVELOP	EOHLC LMS Support FY24	\$59,200
	Weems, Charles C	NATIONAL SCIENCE FOUNDATION	Collaborative Research: CyberTraining:Implementation:Medium: Modern Course Exemplars infused with Parallel and Distributed Computing ..	\$178,031
9/18/2023	Raza Husnain, Muhammad T	NATIONAL SCIENCE FOUNDATION	SaTC: CORE: Small: Automatic Exploits Detection and Mitigation for Industrial Control System Protocols	\$33,017
	Zhang, Guoping	NATIONAL SCIENCE FOUNDATION	FMRG: Eco: Carbon-Inverted Manufacturing of Inverted Cements (CIMIC)	\$2,999,862
9/19/2023	Randhir, Timothy O	U.S. DEPARTMENT OF ENERGY	Informing Wildlife Conservation Strategies and Best Practice for Solar Facilities	\$331,946
9/20/2023	Ma, Shiqing	NATIONAL SCIENCE FOUNDATION	CAREER: Interpretable Provenance Analysis for Heterogeneous Systems at Scale	\$83,594
	Ping, Jinglei	NIH-NATIONAL INSTITUTES OF HEALTH	Cell Control via Spatiotemporal Microenvironmental pH Modulation	\$379,245
	Schneider, Jack E	MA DEPT OF ELEMENTARY & SECONDARY ED	Building School Capacity to Use Performance Tasks to Assess Student Learning	\$43,750
9/21/2023	Catanzaro, Paul F	U.S. FOREST SERVICE	USDA Family Forest Research Center Joint Venture Agreement #6	\$1,357,102
	Gordon, Jennifer R	MA DEPARTMENT OF HIGHER EDUCATION	DHE SSA Year 11	\$325,000
	Hyers, Robert W	NATIONAL AERO AND SPACE ADMINISTRATION	Modeling and Simulation of Electrostatically Levitated Multiphase Liquid Drops	\$50,000

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9/21/2023	Melnik, Mark A	MA SECRETARY OF STATE	SOC Pop Estimates FY23	\$312,500
	Murray, John G	MA DEPT OF TRANSITIONAL ASSISTANCE	FY 23 INFP CIES	\$14,812
	Roberts, Shannon C	NATIONAL SCIENCE FOUNDATION	FW-HTF-RL: Reimagining trucking: Forging an equitable and driver-centered system in a highly automated world	\$1,999,973
9/22/2023	Allen, Jenica M	U.S. GEOLOGICAL SURVEY	Supporting landscape-scale climate adaptation by understanding the ornamental plant industry	\$281,531
	Catanzaro, Paul F	NORTHERN RESEARCH STATION (USFS)	Challenge Cost-share Agreement between the USDA Forest Service, Northern Research Station and the University of Massachusetts Amherst 2022 - NWOS Implementation	\$65,000
		U.S. FOREST SERVICE	Challenge Cost-share Agreement between the USDA Forest Service, Northern Research Station and the University of Massachusetts Amherst NWOS Puerto Rico	\$203,756
	Evans, Elizabeth A	FRANKLIN COUNTY SHERIFF'S OFFICE	Evaluation of the Community Opportunity, Network, Navigation, Exploration, and Connection Team (CONNECT) Program	\$99,898
	Vargas, Yasmine	U.S. DEPT OF HEALTH AND HUMAN SERVICES	National Center on Program Management and Fiscal Operations (NCPMFO)	\$6,920,000
	Zhang, Hao	NATIONAL SCIENCE FOUNDATION	CAREER: Robot Reflections in Lifelong Adaptation	\$80,303
9/26/2023	Roy, Alison H	U.S. GEOLOGICAL SURVEY	Factors Influencing Freshwater Productivity of Juvenile River Herring - Doris Duke Conservation Scholars Program Mentorship	\$25,304
9/27/2023	Gubrium, Aline C	MA DEPARTMENT OF PUBLIC HEALTH	Using Participatory Methods to Assess ASRH Outcomes Among Diverse Youth in Massachusetts	\$10,000
	Howland, Rebecca E	U.S. DEPARTMENT OF STATE	FY2023 Study of the U.S. Institute for Student Leaders from Pakistan on Comparative Public Policymaking	\$429,335
	Kumar, Krishna S	U.S. DEPARTMENT OF ENERGY	Search for Lepton Number Violation in Xe-136 and Xe-134 Decays	\$197,000

Awards from Federal, Massachusetts, or Municipal Entities for Calendar Year 2023 - Quarter Q3

Awarded Date	PI	Sponsor Name	Title	Obligated Total \$
9/28/2023	Kane, Brian	U.S. DEPARTMENT OF THE ARMY	Arboricultural Services for the US Army Soldier Systems Center in Natick, MA	\$78,155
	Keiser, Ashley D	U.S. FOREST SERVICE	Forest health after an invasive pest: changes to forest composition and soil nutrient status following hemlock woolly adelgid invasion	\$33,835
	Randhir, Timothy O	U.S. GEOLOGICAL SURVEY	Water Resources Research Center Massachusetts FY21 Annual Application	\$146,840
9/29/2023	Bernardin, Thomas L	U.S. GEOLOGICAL SURVEY	Web Application for Forecasting Avian Influenza Risk in Poultry Populations	\$71,301
	Elkinton, Joseph S	AGRICULTURAL RESEARCH SERVICE	Protection of North American ash with Biocontrol: Measuring Natural Enemy Impacts	\$136,418
	Gonzales, Eric J	MA DEPARTMENT OF TRANSPORTATION	Measuring Access to Improve Public Health - Phase II	\$200,000
	Itter, Malcolm S	NORTHERN RESEARCH STATION (USFS)	Joint Venture Agreement between UMass and USDA Forest Service - Making more with continuous forest inventory data: Toward a scalable, dynamical model of forest change	\$99,999
Grand Total				\$73,087,747

Data as of: 10/2/2023 3:40:35 PM