

**2017 Awards from Federal, Massachusetts, or Municipal Entities - Quarter 3**

<b>awarded Date</b>	<b>Principal Investigator</b>	<b>Sponsor Name</b>	<b>Title</b>	<b>Award Total</b>
7/5/2017	Campbell-Nelson, Katherine A	MA Dept of Agricultural Resources	Produce Safety School - ISA	\$10,000
7/5/2017	Vandriesche, Roy G	Northern Research Station (USFS)	Evaluation of the EAB parasitoid <i>Spathius galinae</i> in Massachusetts Modification #2	\$35,000
7/7/2017	Paciulli, Melissa	MA Dept of Transportation	Summer Transportation Institute 2017	\$61,272
7/7/2017	Rosenbloom, Deborah A	National Institutes of Health (NIH)	Pilot P20 project: Self-management of Sleep Using Wearable Sensors in Older Adults	\$0
7/7/2017	Paterno, Mary T	National Institutes of Health (NIH)	P20 Pilot--Sleep Self-Management in Pregnancy Using a Personal Health Monitoring Device	\$0
7/7/2017	Richardson, Heather N	National Institutes of Health (NIH)	Adolescent binge drinking and effects on adult brain and behavior: the importance of sex differences	\$35,201
7/7/2017	Graham, Louis F.	National Institutes of Health (NIH)	MOCHA Moving Forward: a CBPR investigation of chronic disease prevention in olde	\$40,393
7/10/2017	Knodler, Michael A	MA Dept of Transportation	Strategic Highway Safety Plan 2018 Update	\$219,978
7/11/2017	Catanzaro, Paul F	MA Dept of Conservation and Recreation	UMass Estate Planning Outreach Contract Extension Budget	\$425,000
7/12/2017	Siqueira, Paul R	US Dept of Agriculture (USDA)	Operationalizing multiscale SAR metrics for rapid forest	\$49,594
7/13/2017	Knodler, Michael A	National Cooperative Highway Res Prog	NCHRP 03-125, Evaluation of Change and Clearance Intervals Prior to the FYA Permissive Left-Turn Indication	\$27,913
7/13/2017	McEaney, Elizabeth H	MA Dept of Education	EPIC Partnership Innovation Grant	\$46,300
7/13/2017	Staub, Adrian B	National Science Foundation (NSF)	Effects of lexical predictability on parafoveal and foveal processing in reading	\$457,845
7/14/2017	Irwin, David E	National Science Foundation (NSF)	CPS:Breakthrough:Software Defined Solar Systems.	\$436,047
7/14/2017	Machta, Jonathan L	National Science Foundation (NSF)	Computational Studies of Disordered Systems in Statistical Physics	\$105,000
7/14/2017	Santangelo, Christian	National Science Foundation (NSF)	Metric-induced buckling and buckling-induced metrics	\$100,004
7/14/2017	Towsley, Donald F	National Science Foundation (NSF)	NeTS:Large:Collaborative Research:Complex Interactions in the Content Distributi	\$453,993
7/14/2017	Marlin, Benjamin	National Science Foundation (NSF)	CAREER: Machine Learning for Complex Health Data Analytics	\$111,240
7/17/2017	Breger, Dwayne S	Environmental Protection Agency (EPA)	FY2016 and FY 2017 Pollution Prevention Grant Program	\$14,150

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7/17/2017	Christofa, Eleni	MA Dept of Transportation	Task # 4 - Commuter Bus Demand	\$0
7/17/2017	Towsley, Donald F Cavanagh, Stephen	National Science Foundation (NSF)	TWC:Medium: Limits and Algorithms for Covert Communications	\$399,443
7/17/2017	J	Health Resources and Services Admin (HRSA)	Nurse Faculty Loan Program (NFLP) FY 2017	\$107,273
7/18/2017	Cousin, Helene	National Institutes of Health (NIH)	Role of Lbh during craniofacial development of vertebrat	\$113,393
7/18/2017	Maresca, Thomas J	National Institutes of Health (NIH)	Mechano-molecular regulation of kinetochore function	\$29,271
7/19/2017	Schmidt, David P	US Dept of Energy (DOE)	Engineering-level Modeling of Gasoline and Diesel Fuel Injection	\$75,000
7/20/2017	Jaskot, Anne E	National Aero and Space Administration (NASA)	Green Pea Galaxies: Extreme, Optically-Thin Starbursts?	\$11,749
7/20/2017	Jaskot, Anne E	National Aero and Space Administration (NASA)	LyC, Ly-alpha, and Low Ions in Green Peas: Diagnostics of Optical Depth, Geometry, and Outflows	\$147,360
7/20/2017	Schloerb, F P	National Aero and Space Administration (NASA)	Rosetta MIRO Scientific Proposal	\$74,946
7/20/2017	Jaskot, Anne E	National Aero and Space Administration (NASA)	Spectral Diagnostics for the Reionization Era: Exploring the Semi-Forbidden CIII Emission in Low Metallicity Green	\$18,695
7/20/2017	White, Caroline J	MA State Historic Records Advisory Board	Digitizing the War Experience	\$7,500
7/20/2017	Krishna, C. M Sturdevant Rees,	National Science Foundation (NSF)	CSR: Small: Cost Function Based Management of Computational and Energy Resources in Embedded Controllers	\$300,001
7/20/2017	Paula L	Upper Blackstone WPAD	Upper Blackstone WPAD 2017 Sampling Program	\$107,395
7/20/2017	Bradley, Bethany A	National Science Foundation (NSF)	Quantifying the invasive grass-fire cycle and implications for carbon storage in the continental US	\$389,967
7/20/2017	Starns, Jeffrey J	National Science Foundation (NSF)	CAREER: Modeling Response-Time Distributions to Test Theories of Event Memory	\$108,924
7/20/2017	Pocar, Andrea P	National Science Foundation (NSF)	A search for neutrino-less double beta decay and lepton number violation with the nEXO experiment	\$185,000
7/20/2017	McCarthy, John J	National Science Foundation (NSF)	Graduate Research Fellowship Program (GRFP)	\$1,201,000
7/20/2017	Gill, Phillipa	National Science Foundation (NSF)	TWC: TTP Option: Large: Collaborative: Towards a Science of Censorship Resistan	\$82,774
7/21/2017	Gruppen, Roderic A	National Aero and Space Administration (NASA)	Representing and Exploiting Cumulative Experience with Objects for Autonomous Ma	\$133,339

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7/21/2017	Auerbach, Scott M	National Science Foundation (NSF)	Predictive Ab Initio Dynamics in Zeolite Biofuel Production Catalysts: Towards More Gas and Less Coke	\$88,474
7/21/2017	Boscardin, Mary L	US Dept of Education (DOED)	Pathways	\$249,981
7/21/2017	Zink, Michael	National Science Foundation (NSF)	AIR-TT: Proof of Concept Multifunction Micro-drone and Weather Surveillance System	\$199,930
7/21/2017	Larsen , Isaac	National Science Foundation (NSF)	paleoflood hydrology in a megaflood dominated landscape, Channeled Scablands, Eastern Washington, USA	\$48,650
7/21/2017	Kevrekidis, Panayotis	National Science Foundation (NSF)	OP: Collaborative Research: Non-Hamiltonian Wave Dynamics in Atomic & Optical Mo	\$44,441
7/24/2017	Volberg, Rachel A	MA Gaming Commission	Massachusetts Gambling Impact Cohort (MAGIC) Study	\$843,958
7/24/2017	Volberg, Rachel A	MA Gaming Commission	Social and Economic Impacts of Gambling in Massachusetts (SEIGMA 2017 - 2018)	\$1,155,766
7/24/2017	Gopalappa, Chaitra	National Institutes of Health (NIH)	the United States: Development of a Novel Agent-Based Decision-Analytic Model for Dynamic Evaluations of Interventions	\$306,537
7/24/2017	Elkinton, Joseph S	Agricultural Research Service (USDA - ARS)	Protect U.S. Plant-Related Industries and Urban and Natural Forest Ecosystems Mod. #4	\$89,876
7/25/2017	Lacreuse, Agnes C	National Institutes of Health (NIH)	Sleep, hot flashes and cognition: a nonhuman primate model for menopausal symptoms	\$285,855
7/25/2017	Schiffman, Jessica D	National Science Foundation (NSF)	Electrospinning coacervate nanofiber mats	\$338,180
7/25/2017	Kittilstved, Kevin R	National Science Foundation (NSF)	EAGER: Exploration of a New Class of Semiconductor Nanocrystals with Aliovalent Magnetic Dopants	\$150,000
7/25/2017	Modarres-Sadeghi, Yahya	National Science Foundation (NSF)	Fluid-structure interactions between non-Newtonian viscoelastic fluids and flexible cylinders	\$461,774
7/26/2017	Watkins, James J	National Science Foundation (NSF)	Scalable, Microfabricated Porous Scaffolds for Human Trabecular Meshwork (HTM)Models	\$100,000
7/26/2017	Sandler, Hilary A	Agricultural Research Service (USDA - ARS)	FY18 RSA USDA ARS Cranberry Station	\$7,700
7/26/2017	Vandriesche, Roy G	Forest Service (USFS)	Biological Control of Forest Pests in the United States: Technology Development, 2017-2020	\$7,500
7/28/2017	Lockwood, Rebecca M	MA Office for Victim Assistance	Specialized Teen Services	\$65,844
7/28/2017	Venkataramani, Arunkumar	National Science Foundation (NSF)	ICN-WEN: Collaborative Research: Light-Speed Networking (LSN): Refactoring the W	\$200,000
7/28/2017	Guha, Arjun	National Science Foundation (NSF)	REU SUPPLEMENT FOR NeTS: Large: Collaborative Research:Programmable Inter-Domain	\$121,527

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7/28/2017	Woolf, Beverly P	National Science Foundation (NSF)	Challenges for Data-Driven Education Supplemental Funding request	\$64,994
7/28/2017	Wilson, Grant W	National Science Foundation (NSF)	Unveiling the Obscured Formation of Stars and Galaxies: Large-Scale Legacy Surve	\$4,016,831
7/31/2017	Elkinton, Joseph S	Animal and Plant Health Inspec Serv (APHIS)	The population genetics of hybridization between non-native winter moth and native Bruce spanworm	\$63,288
7/31/2017	Elkinton, Joseph S	Animal and Plant Health Inspec Serv (APHIS)	winter moth control: a joint USDA APHIS and USDA Forest Service initiative	\$38,643
7/31/2017	Krezmien, Michael P	US Dept of Education (DOED)	Project ARISE (Applying Research in Special Education)	\$249,908
7/31/2017	Normanly, Jennifer	National Science Foundation (NSF)	CSBR Living Stocks: A "Biological Gold Mine" of plant natural products and biosy	\$104,780
7/31/2017	Tevelev, Evgueni	National Science Foundation (NSF)	Moduli spaces: new directions	\$131,128
7/31/2017	Gao, Haiying	National Science Foundation (NSF)	and Accretionary History of New England: Integrating Seismic and Geologic data sets	\$274,904
8/1/2017	Towsley, Donald F	Army Research Office (ARO)	Multivariate Heavy Tail Phenomena: Modeling, Diagnostics and Applications in Tactical Operations	\$159,926
8/2/2017	Benjamin, Cindy L	MA Dept of Agricultural Resources	Massachusetts Farmers Market Coupon Program 2017	\$5,000
8/2/2017	Woodruff, Jonathan D	National Science Foundation (NSF)	Acquisition of an Automated Laser Diffraction Particle Size Analyzer at the University of Massachusetts	\$89,810
8/2/2017	Nonnenmann, Stephen S	National Science Foundation (NSF)	Quantitative Characterization of Electrocatalytic Carbon Dioxide Reduction on Doped Ceria	\$265,757
8/2/2017	Deconto, Robert M	National Science Foundation (NSF)	sheet retreat and sea-level rise: reducing uncertainty in coastal flood hazards	\$301,269
8/2/2017	Destefano, Stephen	Geological Survey (USGS)	use of nontoxic ammunition for hunting on National Wildlife Refuges	\$33,100
8/2/2017	Venkataramani, Arunkumar	National Science Foundation (NSF)	CSR:NeTS:Small:GigaPaxos: System Support for Group-Scalable, Reconfigurable Replica Coordination	\$450,000
8/2/2017	Kalogerakis, Evangelos	National Science Foundation (NSF)	CHS: Small: Shape Processing with Deep Architectures	\$302,460
8/3/2017	Brena, Sergio F	New England Transportation Consortium	NETC 13-1: Development of High Early Strength Concrete for Accelerated Bridge Construction Closure Pours	\$16,397
8/3/2017	Briseno, Alejandro L	National Science Foundation (NSF)	Controlled Growth and Optoelectronic Characterization of Crystalline Oriented Organic P-N Junction Nanostructures	\$414,218
8/4/2017	Brown, Casey M	Geological Survey (USGS)	Matching Needs and Potential Use of Climate Information for Natural Resources Ma	\$112,500

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8/7/2017	Reckhow, David	MA Water Resources Authority	Oil/Contaminant Spill in Wachusett Reservoir on MWRA's Finished Water	\$296,642
8/8/2017	Gile, Krista J	National Institutes of Health (NIH)	Inference for Prescription Opioid Study	\$15,231
8/8/2017	Palmer, Richard N	Geological Survey (USGS)	How and why is the timing and occurrence of seasonal migrants in the Gulf of Maine Changing due to Climate?	\$62,525
8/8/2017	Palmer, Richard N	Geological Survey (USGS)	Vulnerability to Extreme Flows and Providing Multiple Ecological Benefits in a Non-Stationary Climate	\$156,880
8/9/2017	King, David I	Natural Resources Conserv Services(NRCS)	An evaluation of bird conservation and ecosystem services on northeastern farms Mod #1	\$31,425
8/10/2017	Jensen, David D	Air Force	Causal Models to Explain Learning (DARPA)	\$266,586
8/10/2017	Lovley, Derek R	Army Research Office (ARO)	Mechanisms for Electrical Communication in Methane-Producing Microbial Communities	\$114,671
8/10/2017	Lockwood, Rebecca M	MA Dept of Public Health (DPH)	RFR 008924 Sexual and Domestic Violence Services	\$91,321
8/10/2017	Parkin, Georgianna E	MA Office of International Trade	STEP funds for training activities for clients provided by the Mass Export Center.	\$14,000
8/10/2017	Thayumanavan, Sankaran	National Science Foundation (NSF)	CCI Phase I: Center for Autonomous Chemistry	\$1,800,000
8/10/2017	Rietman , Edward	Office of Naval Research (ONR)	From Neuroscience to Computer Science: Multiple parallel networks and Big Data S	\$200,735
8/10/2017	Russell, Thomas P	Office of Naval Research (ONR)	Printing Fabrication and Morphology Optimization of Thin Film Solar Cells Under	\$74,000
8/10/2017	Kingston, John	National Science Foundation (NSF)	Conference: Sound Systems of Mexico and Central America 3	\$26,248
8/10/2017	Pilsner, Richard	National Institutes of Health (NIH)	Embryonic inheritance of sperm methylome after adult exposure to phthalates	\$209,715
8/10/2017	Jacelon, Cynthia S	National Institutes of Health (NIH)	UMass Center for Building the Science of Symptom Self-Management (UManage Center)	\$39,309
8/10/2017	Towsley, Donald F	Spawarsyscen-SD	Edge-Directed Cyber Technologies (EdgeCt)(DARPA)	\$151,624
8/11/2017	Bardin, Joseph C	Navy	Hybrid Temperature Heterogenous Data Link II	\$5,000
8/11/2017	Siqueira, Paul R	National Aero and Space Administration (NASA)	Development of NISAR Ecosystems applications for calibration/validation and to m	\$120,705
8/11/2017	Green, Lisa J	National Science Foundation (NSF)	Collaborative Research: Variation and the Grammar of Child African American English	\$151,760

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8/11/2017	Reckhow, David	National Science Foundation (NSF)	Northeast Graduate Student Water Symposium (NEGSWS)	\$14,745
8/11/2017	Croft, William B	National Science Foundation (NSF)	III: Small: Searching for Answers through Iterative Feedback	\$105,238
8/11/2017	Burns, Stephen J	National Science Foundation (NSF)	Upgrade of Carbonate Preparation System, Stable Isotope Laboratory, University of Massachusetts	\$97,430
8/11/2017	Draper, Patrick I	National Science Foundation (NSF)	Exploring the Scalar Sector	\$60,000
8/11/2017	Donoghue, John F	National Science Foundation (NSF)	Particle Theory, Gravity and Cosmology	\$130,000
8/11/2017	Kittilstved, Kevin R	National Science Foundation (NSF)	MRI: Acquisition of a Powder X-ray Diffractometer with in situ Capabilities	\$259,528
8/11/2017	Hazen, Samuel P	National Science Foundation (NSF)	Transcription Regulatory Circuits of Grass Cell Wall Biosynthesis	\$243,432
8/14/2017	DiFulvio, Gloria T	US Dept of Health and Human Services (DHHS)	MA Youth Suicide Prevention Project	\$78,910
8/14/2017	Thayumanavan, Sankaran	Army Research Office (ARO)	Specifically Triggerable Multi-Scale Responses in Organized Assemblies - Add On	\$625,000
8/14/2017	Manwell, James F	MA Clean Energy Center	Turbine Design Standard IEC 61400-3-1 to Massachusetts Conditions	\$199,994
8/14/2017	DiFulvio, Gloria T	MA Dept of Public Health (DPH)	MA Youth Suicide Prevention Project	\$78,910
8/14/2017	Cowell, Rosemary A	National Institutes of Health (NIH)	Using fMRI to Measure the Neural-level Signals Underlying Population-level Responses	\$2,366,079
8/14/2017	Caicedo, Ana L	National Science Foundation (NSF)	Exploitation of genetic and epigenetic variation in the regulation of tomato fruit quality traits	\$86,420
8/15/2017	Palmer, Richard N	Geological Survey (USGS)	DOI Northeast Climate Science Center	\$747,855
8/18/2017	Zilberstein, Shlomo	Spawarsyscen-SD	Planning for Collaboration with Imprecise Models (DARPA)	\$1,200
8/18/2017	Jeranyama, Peter	Agricultural Research Service (USDA - ARS)	Water and Nutrient Management of Cranberry Farms in Massachusetts	\$12,888
8/21/2017	Sitaraman, Ramesh K	Defense Advanced Research Proj Agency (DARPA)	Mission-Oriented Adaptive Placement of Task and Data (MAP)	\$76,004
8/21/2017	Calzetti, Daniela	National Aero and Space Administration (NASA)	WHICH GALAXIES REIONIZED THE UNIVERSE?	\$106,571
8/21/2017	Emrick, Todd S	Federal Aviation Administration (FAA)	UNDERSTANDING LYC ESCAPE WITH LOCAL ANALOGS	
			Novel non-flammable polymers for aircraft: Synthesis, mechanics, and thermal evaluation	\$135,997

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8/21/2017	Destefano, Stephen	Geological Survey (USGS)	Comparative Ecology and Conservation of Bears in North and South America	\$0
8/21/2017	Tobiason, John E	MA Dept of Environmental Protection	Phase 2 Assistance Program for Assessment of Lead in School Drinking Water	\$599,220
8/21/2017	Parkin, Georgianna E	MA Development Finance Agency	Massachusetts Development Finance Agency Agreement Cash Match for Federal award	\$10,000
8/21/2017	Clouston, Peggi L	MA Exec Off of Energy & Environ Affairs	Design, Fabrication, and Testing of CLT Pre-qualification Panels	\$310,351
8/21/2017	Parkin, Georgianna E	Small Business Administration (SBA)	MA SBDC FY17 SUPPLEMENTAL FUNDING Supplemental proposal to GAID 9598, GPID 25096.	\$892,933
8/21/2017	Deconto, Robert M	National Science Foundation (NSF)	Travel Proposal: Conference on Past Antarctic Ice Sheet Dynamics	\$16,000
8/21/2017	Oblomkov, Alexei A	National Science Foundation (NSF)	NSF CAREER Proposal: Knot invariants, moduli spaces of sheaves and representation theory	\$85,317
8/21/2017	Keiluweit, Marco	US Dept of Energy (DOE)	Hydrologic Influences on Biogeochemical Evolution of Organic Matter and Associat	\$59,972
8/21/2017	Aksamija, Zlatan	National Science Foundation (NSF)	Materials for Next Generation Nanelectronics-From Fundamentals to Devices	\$8,000
8/21/2017	Krishnamurty, Sundar	National Science Foundation (NSF)	I/UCRC Phase III: e-Design: IT-Enabled Design and Realization of Engineered Products and Systems	\$15,000
8/21/2017	Thompson, Lynmarie	National Institutes of Health (NIH)	Chemistry Biology Interface Predoctoral Training Grant	\$4,043
8/21/2017	Chien, Peter	National Institutes of Health (NIH)	Stress Related Proteases in Caulobacter	\$290,357
8/23/2017	Griffin, Curtice R	Geological Survey (USGS)	Examining the mechanisms of species responses to climate change: Are there biological thresholds	\$204,665
8/23/2017	Kurose, James F	National Science Foundation (NSF)	Intergovernmental Personnel Act (IPA)	\$161,942
8/23/2017	ORourke, Erin E	US Dept of State	Education USA Academy Grant	\$5,000
8/23/2017	Butler, Caitlyn	National Science Foundation (NSF)	Career: Fundamental Studies of Cross-Kingdom Aggregate Biofilms for Energy-Effi	\$98,367
8/23/2017	Svistunov, Boris V	National Science Foundation (NSF)	Collaborative Research: Worm Algorithm and Diagrammatic Monte Carlo for strongly correlated condensed matter systems	\$275,633
8/23/2017	Sitaraman, Ramesh K	National Science Foundation (NSF)	CSR: Small: Collaborative Research: Dispersed Reel-time Analytics	\$258,000
8/24/2017	Miklau, Gerome A	National Science Foundation (NSF)	BIGDATA: F: Collaborative Research: Foundations of Responsible Data Management	\$365,000

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8/24/2017	Zilberstein, Shlomo	National Science Foundation (NSF)	S&AS: FND: Reliable Semi-Autonomy with Diminishing Reliance on Humans	\$699,512
8/24/2017	Strieter, Eric	National Institutes of Health (NIH)	Understanding the Function of Deubiquitinases Using Chemical Tools	\$307,038
8/24/2017	Vandenberg, Laura N	National Institutes of Health (NIH)	Impact of Environmental Estrogens on Sexually Dimorphic Development of the Mouse Mammary Gland	\$148,865
8/25/2017	Scheufele, Susan B McCallum, Andrew	US Dept of Agriculture (USDA)	Cucurbit IPM for reducing pollinator exposure to key fungicides	\$8,549
8/25/2017	K Arndt-Briggs, Skyler	Defense Advanced Research Proj Agency (DARPA)	DSBox: Data Scientist In A Box (DARPA)	\$72,459
8/25/2017	J	National Endowment for the Humanities (NEH)	Cold War Cultures: East German Art, Music and Film	\$216,849
8/25/2017	Serio, Tricia R	National Institutes of Health (NIH)	Cellular Mechanisms and Consequences of Protein Misfolding and Resolution	\$324,974
8/25/2017	Griffin, Curtice R	US Fish and Wildlife Service (FWS)	occupancy and snowshoe hare demography along elevational and latitudinal gradients in New England Mod#1	\$30,138
8/25/2017	Towsley, Donald F	Army Research Lab (ARL)	An Integration Research Center for the Network Sciences	\$26,378
8/28/2017	Vachet, Richard W	National Institutes of Health (NIH)	Copper-Induced Amyloidosis Studied by Mass Spectrometry	\$309,653
8/28/2017	Chen, Jianhan	National Institutes of Health (NIH)	Multi-scale enhanced sampling of disordered proteins	\$283,238
8/28/2017	Eyles, Stephen J	National Institutes of Health (NIH)	Inactivation, Characterized by Protein Damage and Maintenance of Epitope Integrity in Vaccine Sterilization (SBIR)	\$115,434
8/28/2017	Chen, Min	National Institutes of Health (NIH)	OmpG nanopore for single molecule protein sensing	\$28,544
8/29/2017	Zink, Michael	Office of Naval Research (ONR)	Exchange of Actionable Information at the Tactical Edge (EAITE)/DISCO	\$33,710
8/29/2017	Crosby, Alfred J	US Dept of Defense (DOD)	Evolutionary mechanics of impulsive biological systems: guiding scalable synthetic design	\$65,131
8/30/2017	Pishro-Nik, Hossein	National Science Foundation (NSF)	CPS: Medium: A Unified Framework for IoT Privacy	\$999,955
8/30/2017	Xiao, Hang	National Aero and Space Administration (NASA)	Vitamins B1 and K Degradation in Spaceflight Foods: Establishment of Prediction	\$107,000
8/31/2017	Dallapiccola, Carlo	US Dept of Energy (DOE)	Proposal for Atlas Center Fellowship	\$15,734
8/31/2017	Clark, John M	MA Dept of Agricultural Resources	FY18 MPAL STATE Funds	\$88,000



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8/31/2017	Watkins, James J	MA Exec Off of Housing and Economic Dev	Uniqarta State Match	\$455,396
8/31/2017	Dallapiccola, Carlo	US Atlas Research Program Office	Proposal for Atlas Center Fellowship	\$15,734
8/31/2017	Ho, Carlton L	Federal Transit Administration	Information Gathering for Realistic Tie-Ballast Interaction Characterizations	\$67,500
9/5/2017	Russell, Thomas P	Air Force Office of Scientific Research (AFOSR)	Responsive Block Copolymers: Transformations in the Solid State	\$212,456
9/5/2017	Forbes, Neil S	National Institutes of Health (NIH)	Targeting epigenetic regulators using bacterial macromolecule delivery	\$308,407
9/5/2017	Spencer, Rebecca M	National Institutes of Health (NIH)	The Benefits of Naps on Cognitive, Emotional and Motor Learning in Preschoolers	\$528,923
9/5/2017	Osborne, Barbara A	National Institutes of Health (NIH)	Targeting Multiple Diseases Through Gamma Secretase	\$951,325
9/5/2017	Catanzaro, Paul F	Forest Service (USFS)	Venture Agreement between the U.S. Forest Service and the University of Massachusetts (16-JV-11242305-041)	\$50,000
9/5/2017	Zoeller, Robert T	National Institutes of Health (NIH)	Molecular Biomarkers of Thyroid Disruption in Human Placenta	\$199,375
9/5/2017	Bardin, Joseph C	Navy	Hybrid Temperature Heterogenous Link II	\$70,000
9/5/2017	Osborne, Barbara A	National Institutes of Health (NIH)	Cellular Engineering Biotechnology Training Program	\$2,022
9/7/2017	Williams, Michael L	National Science Foundation (NSF)	MRI: Acquisition of a Modern Electron Microprobe, University of Massachusetts	\$770,000
9/7/2017	Downes, Gerald B	National Science Foundation (NSF)	Collaborative Research: GABA A Receptor Control of Hyperactivity in Developing Z	\$255,013
9/7/2017	Yang, Jianhua	Air Force Research Laboratory	Memristor Crossbar Arrays For Analog and Neuromorphic Computing	\$75,000
9/7/2017	Learned-Miller, Erik G	Intelligence Advanced Research Projects Activity (iARPA)	IARPA Janus UMass Subcontract Proposal (IARPA)	\$110,000
9/7/2017	Hayward, Ryan C	Army Research Office (ARO)	Chemo-mechanical polymer constructs for feedback, homeostasis, and oscillation	\$32,917
9/8/2017	Wang, Chen	Army Research Office (ARO)	Non-reciprocal circuit quantum electrodynamics with ferrites	\$120,000
9/8/2017	Gerasimidis, Symeon	MA Dept of Transportation	Development of Load Rating Procedures for Deteriorated Steel Beam Ends	\$198,717
9/8/2017	Crosby, Alfred J	Office of Naval Research (ONR)	"2017 BRC Topic # 1-A Multiscale Theoretical and Experimental Platform for Unde	\$115,198

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9/8/2017	Parente, Mario Whitehill, Jennifer	National Science Foundation (NSF)	III: Medium: Collaborative Research: Deep Spectroscopic Learning	\$202,893
9/11/2017	M. Briseno, Alejandro	Centers for Disease Control (CDC)	Acceptance and Use of Mobile Apps for Commercial Fishing Safety	\$7,756
9/11/2017	L	Office of Naval Research (ONR)	Workshop: The Grand Challenges in OPVs: Synthesis, Morphology, Devices, and Theory	\$9,600
9/11/2017	Griffin, Curtice R	Forest Service (USFS)	Conservation Science and Application of Northeastern Ecosystems 17-JV-11242308-030 Mod # 1	\$33,504
9/11/2017	Park, Joonkoo	National Science Foundation (NSF)	CAREER: Neural investigations of magnitude processing as a pathway to understand	\$144,050
9/11/2017	Towsley, Donald F	National Science Foundation (NSF)		\$412,457
9/11/2017	Tew, Gregory N Cowell, Rosemary	US Dept of Education (DOED)	GAANN: Enabling Transformation in Polymer Science	\$395,408
9/11/2017	A	National Science Foundation (NSF)		\$269,783
9/11/2017	Reich, Nicholas G	National Institutes of Health (NIH)	Statistical methods for real-time forecasts of infectious disease: dynamic time-series and machine Title: learning approaches	\$372,122
9/12/2017	Totz, Nathan D	National Science Foundation (NSF)	The Interplay of Evolution PDEs and their Model Equations	\$34,560
9/12/2017	Starns, Jeffrey J Ganesan, Deepak	National Science Foundation (NSF)		\$113,708
9/13/2017	K	Intelligence Advanced Research Projects Activity (iARPA)	mPerf: A Theory-driven Approach to Model and Predict Everyday Job Performance Using Mobile Sensors	\$437,644
9/13/2017	Prokofiev, Nikolay V	Air Force Office of Scientific Research (AFOSR)	Advanced Quantum Materials - A new frontier for ultracold atoms (DARPA)	\$160,000
9/14/2017	Destefano, Stephen	MA Dept of Fish and Game	Wildlife Development and Management Study 1: Game Population Trends and Harvest	\$161,500
9/19/2017	Xia, Qiangfei	National Science Foundation (NSF)	E2CDA: Type I: Collaborative Research: Energy-efficient Analog Computing with Emerging Memory Devices	\$107,013
9/19/2017	Croft, William B Krezmien, Michael	National Science Foundation (NSF)	III: Small: Searching for Answers through Iterative Feedback	\$190,607
9/19/2017	P	National Science Foundation (NSF)		\$641,239
9/20/2017	Smith Doerr, Laurel McCallum, Andrew	National Science Foundation (NSF)	Convergence HTF: Understanding Emerging Technologies, Racial Equity, and the Future of Work	\$99,970
9/20/2017	K	MA Technology Collaborative	UMass Amherst Data Science/Cybersecurity HPC Cluster Proposal MTC-JAII Collaborative	\$1,500,000

**2017 Awards from Federal, Massachusetts, or Municipal Entities - Quarter 3**

<b>awarded Date</b>	<b>Principal Investigator</b>	<b>sponsor Name</b>	<b>Title</b>	<b>Award Total</b>
9/21/2017	Zink, Michael	National Science Foundation (NSF)	CyberSEES Type2: Integrative sensing and prediction of urban water for sustainable cities	\$96,994
9/22/2017	McGarigal, Kevin	US Fish and Wildlife Service (FWS)	Designing Sustaining Landscapes: Evaluating and Customizing the Landasd cape Conservation Design	\$96,272
9/26/2017	Tripp, Todd M	National Aero and Space Administration (NASA)	Monitoring the Extraordinary Transient Outflow in the Quasar PG1411+442	\$4,704
9/26/2017	McKeag, Lisa A	US Dept of Agriculture (USDA)	UMass Extension Comprehensive Crop Insurance/Risk Management Education Program	\$226,918
9/26/2017	Baskin, Tobias	US Dept of Energy (DOE)	Cellulose and the Control of Growth Anisotropy	\$238,451
9/27/2017	Gutermuth, Robert A.	National Aero and Space Administration (NASA)	Completing the Protostar Luminosity Function in Cygnus-X with SOFIA/FORCAST Imaging	\$7,000
9/27/2017	Yang, Jianhua	Defense Advanced Research Proj Agency (DARPA)	Analog Co-Processors for Complex System Simulation and Design (DARPA)	\$458,390
9/27/2017	Marlin, Benjamin	National Science Foundation (NSF)	Awareness and Personalization for Intensively Adaptive Smoking Cessation Messaging Interventions	\$640,195
9/27/2017	Croft, William B	National Science Foundation (NSF)		\$196,178
9/27/2017	Hyers, Robert W	National Aero and Space Administration (NASA)	Modeling and Simulation of Electrostatically Levitated Multiphase Liquid Drops	\$25,000
9/27/2017	Bittman, Eric L	National Institutes of Health (NIH)	Generation of genetically engineered hamsters for circadian studies	\$228,635
9/28/2017	Gleason, Colin J	National Aero and Space Administration (NASA)	U.S.-Canada Collaboration to Build SWOT Calibration/Validation and Science Capacity in Northern Rivers and Wetlands	\$65,162
9/29/2017	Butler, Caitlyn	Air Force	Phase II SBIR Electroseptic Project	\$17,041
9/29/2017	Perry, Sarah	National Science Foundation (NSF)	Using Graphene Microfluidics to Study Protein Structural Dynamics	\$42,000
9/29/2017	Alfandari, Dominique R	National Institutes of Health (NIH)	Production and characterization of monoclonal antibodies to Xenopus proteins	\$295,234
9/29/2017	Kim, Jin E	National Institutes of Health (NIH)	Promoting Smoking Cessation among Individuals with Food Insecurity	\$163,638