



Office of the Vice President for Research

List of Proposals Submitted FY2018 1st Quarter

July 1, 2017 – September 30, 2017

Volume 18.1

List of Proposals Submitted

This report provides a detailed listing of the competitive proposals (both new and renewals) submitted during the reporting quarter. The report includes all sponsored program activity (both research and education/service) that is managed by Sponsored Program Services within the Office of the Vice President for Research.

The report includes two lists of proposals: 1) by the PI's Academic Home Department; and 2) by the Managing Department or Center/Institute.

This report includes all proposals submitted in the reporting quarter, based on the date a proposal was submitted to the sponsor and lists the total amount of requested funding for the entire project.

The proposals listed reflect the current status of data in the InfoEd research administration system as of the date the report was created. Some information related to recently submitted proposals may be incomplete while the data entry process is underway.

Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
College of Agriculture, Health and Natural Resources			61 Proposals	\$18,252,495
Agricultural and Resource Economics			7 Proposals	\$1,257,591
Bravo-Ureta, Boris E	USAID/US Agency for International Development/Palladium Group Holdings	Cost-Benefit Analysis of Drip Irrigation and Alternative Management Practices for Groundnut Production in Malawi: Phase I	08/07/2017	40,000
Andreyeva, Tatiana	USDA/National Institute of Food and Agriculture	Implementation of the Updated Child and Adult Care Food Program (CACFP) Meal Patterns and CACFP Expansion	08/09/2017	299,590
Dunn, Richard A	USDA/National Institute of Food and Agriculture/University of Wisconsin, Madison	New Geographies for Understanding U.S. Rural Business Dynamics	07/24/2017	114,507
Bovay, John	USDA/National Institute of Food and Agriculture	Implications for Market Structure and Farm Profitability of Expanded Production of Food in Greenhouses in the Northeast to Serve Local Markets	07/06/2017	499,967
Andreyeva, Tatiana	American Heart Association	Tiered Tax Research	08/28/2017	23,769
Nemec, Rebecca	USDA/National Institute of Food and Agriculture	Impact of U.S. Health Care Provision Changes on Diet Quality Among the Poor	07/05/2017	259,960
Andreyeva, Tatiana	CT Department of Education	Child and Adult Care Food Program (CACFP) Expansion	07/03/2017	19,798
Agriculture and Natural Resources Dean			8 Proposals	\$4,453,226
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 McIntire-Stennis Cooperative Forestry Research Program	09/14/2017	108,543
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	Inhibiting Horizontal Gene Transfer of Antibiotic Resistance Between MDR Salmonella and Commensal Bacteria by Phytochemicals	07/06/2017	235,444
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Animal Health and Disease Research	07/18/2017	20,312
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Hatch Formula Program	09/07/2017	790,934
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Hatch Multistate Formula Program	09/07/2017	482,569
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Expanded Food and Nutrition Education Program (EFNEP)	09/08/2017	538,634
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Renewable Resources (RREA)	09/28/2017	46,448
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Smith-Lever 3(b)(C)	09/28/2017	2,230,342
Allied Health Sciences			6 Proposals	\$3,513,169
Pagoto, Sherry	DHHS/NIH/National Heart, Lung, and Blood Institute	Mentoring in mHealth and Social Networking Interventions for CVD Risk Reduction	08/14/2017	299,649
Pagoto, Sherry	DHHS/NIH/National Institutes of Health/Klein Buendel	Likes Pins and Views: Engaging Moms on Teen Indoor Tanning Thru Social Media	08/11/2017	490,089
Pagoto, Sherry	DHHS/NIH/National Institutes of Health/Klein Buendel	Using Technology to Scale-up an Occupational Sun Protection Policy Program	08/29/2017	133,390
Pagoto, Sherry	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Get Social: Randomized Trial of a Social Network Delivered Lifestyle Intervention	08/14/2017	1,134,884
Waring, Molly	DHHS/NIH/National Heart, Lung, and Blood Institute	Delivering a Post-Partum Weight Loss Intervention via Facebook vs In-Person Groups: A Feasibility Pilot Trial	08/15/2017	674,262
Pagoto, Sherry	DHHS/NIH/National Institutes of Health/Rutgers Cancer Institute of New Jersey	Randomized Trial of a Behavioral Intervention Targeting Indoor Tanning Users	08/11/2017	780,895
Animal Science			2 Proposals	\$358,077
Amalaradjou, Mary A	Foundation for Food and Agriculture Research	In-Ovo and In-Feed Supplementation of Probiotics to Promote Bone Health in Layers	08/02/2017	356,577
Nadeau, Jenifer	American Youth Horse Council	Greenways Ambassador in Training (GAIT) Program	09/28/2017	1,500

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Extension			6 Proposals	\$565,692
Gray, Pamela M	USDA/National Institute of Food and Agriculture/University of Kansas	CT 4-H Military Partnership	09/29/2017	22,500
Bartholomew, Candace L	Pennsylvania State University	Pilot Testing of Hands-on Respirator Fit Testing Train the Trainer and Development of Companion Respirator Educational Training Materials	09/01/2017	17,850
Valiquette, Edith L	National 4-H Council	CT 4-H Mentoring Project	09/22/2017	121,736
Bonelli, Joseph A	USDA/Risk Management Agency	Crop Insurance and Risk Management Education for Connecticut Farmers and Growers 2017-2018	07/07/2017	231,000
Dietz, Michael E	Water Environment Research Foundation	Influence of Road Salts on Radioactive Elements in Drinking Water	07/11/2017	119,941
Fusco-Rollins, Maryann J	National 4-H Council	UConn 4-H Common Measures 2.0 Challenge Cohort	09/22/2017	52,665
Kinesiology			8 Proposals	\$2,997,654
Lepley, Adam S	DOD/Department of Defense/Halo Neuroscience	Neurostimulation to Accelerate Recovery from Physical Injury	09/27/2017	134,974
Casa, Douglas J	National Collegiate Athletic Association	NCAA Soccer Periodization Study Part II	09/12/2017	249,997
Harrison, Steven J	NSF/National Science Foundation	Collaborative Proposal: Locomotion Perception	07/31/2017	485,039
Lepley, Lindsey	DHHS/NIH/National Institutes of Health	Influence of Eccentric Exercise on Muscle and Joint Health after ACL Injury	07/10/2017	713,670
Casa, Douglas J	National Basketball Association	NBPA and NBA Partnership with University of Connecticut for Wearable Device Validation and Review	09/28/2017	623,425
Lepley, Lindsey	DOD/Department of Defense	Improving Soldier Readiness After Traumatic Joint Injury by Targeting Neuromuscular Deficits	09/27/2017	749,950
Casa, Douglas J	National Operating Committee on Standards for Athletic Equipment/University of North Carolina, Chapel Hill	Advancing Catastrophic Sport Injury Research through Detailed Investigations and Record Abstraction: National Center for Catastrophic Sport Injury Research (NCCSIR)	08/24/2017	16,000
Casa, Douglas J	Hartford Public Schools, CT	Relationship between SMSA (Hartford Public Schools) and the University of Connecticut	08/15/2017	24,599
Natural Resources and the Environment			5 Proposals	\$586,912
McKinney, Melissa A	DOI/United States Geological Survey	Long-Term Trends in the Foraging Behavior of Southern Beaufort Sea Polar Bears and Implications for Risks of Exposure to Polycyclic Aromatic Hydrocarbons	07/21/2017	30,000
Rittenhouse, Tracy A	NSF/National Science Foundation	Collaborative Proposal: Linking Environmental Challenges to the Likelihood and Severity of Epidemics: A View Through the Shifting Window of Susceptibility	08/02/2017	295,111
Fahey, Robert T	NSF/National Science Foundation	Collaborative Research: Crown Architecture, Tree Species, and Ecosystem Functioning: Testing and Scaling Crown-Level Functional Traits with Sap Flux and Hyper Remote Sensing Data	08/02/2017	222,639
Yang, Xiusheng	USDA/National Institute of Food and Agriculture/Vechna Technologies	Stackable Farming for Economically and Environmentally Sustainable Urban Food Production	09/15/2017	9,999
Rittenhouse, Chadwick D	DOI/United States Fish and Wildlife Service/CT Department of Energy and Environmental Protection	Urban Forestry Outreach Project	08/14/2017	29,163
Nutritional Sciences			5 Proposals	\$2,040,863
Luo, Yangchao	USDA/National Institute of Food and Agriculture	Natural Biomaterials-Based Nanodelivery System As A Novel Dietary Approach For Enhancing Antiinflammatory Bioactivity Of Astaxanthin	07/06/2017	499,989
Chun, Ock K.	DHHS/NIH/National Institutes of Health	Is Racial Health Disparity in Prostate Cancer Risk Attributable to Antioxidant Intake?	07/13/2017	440,875

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Chun, Ock K.	Nutricia Research Foundation	Do Furocoumarins in Diets Predict Skin Cancer Risk?	09/15/2017	59,272
Kohan, Alison	DOD/Department of Defense	ApoC-III Protects Against Experimental Colitis by Stimulating Intestinal Tregs: Is this a Potential Treatment for IBD?	08/02/2017	318,342
Chun, Ock K.	DOD/Department of Defense	Does Differential Antioxidant Intake Explain Disparity in Prostate Cancer Risk between African American and Caucasian American Men?	09/21/2017	722,385
Pathobiology			4 Proposals	\$698,420
Risatti, Guillermo	DOD/Defense Threat Reduction Agency/Laboratory of the Ministry of Agriculture of Georgia	Comprehensive Research for Detecting Origin and Distribution of Peste des Petits Ruminants (PPR) in Georgia, Armenia, and Azerbaijan	09/14/2017	226,461
Szczepanek, Steven M	DOD/Department of Defense	Overcoming Persistent Safety Roadblocks with a Novel Mycoplasma Pneumoniae Vaccine	08/02/2017	319,000
Smyth, Joan	USDA/Animal and Plant Health Inspection Service	CT NAHLN FY 17 level 2 Member Lab Agreement	07/20/2017	68,509
Risatti, Guillermo	USDA/Agricultural Research Service	Development of Recombinant African Swine Fever Virus (ASFV) Attenuated Viruses Containing Multiple Deletions for Use as Vaccine Candidates	08/18/2017	84,450
Plant Science and Landscape Architecture			10 Proposals	\$1,780,891
Allan-Perkins, Elisha B	USDA/National Institute of Food and Agriculture	Interactive Effects of Manganese and Pseudomonas Putida on Disease Suppression in Iron Sequestration Type I and Type II Plants	07/12/2017	267,028
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Biological Control of Mile-A-Minute Weed (Persicaria Perfoliata) with Rhinoncomimus Latipes	07/12/2017	1,500
Brand, Mark H	USDA/Agricultural Marketing Service/University of Nebraska	Improving Aronia Berry Sustainability and Fruit Quality	09/22/2017	99,824
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Cooperative Agricultural Pest Survey (CAPS) Survey for FY2017	09/14/2017	2,848
Concklin, Mary E	USDA/National Institute of Food and Agriculture/North Carolina State University	iPiPE: CT Grape Component	09/19/2017	39,125
Raudales Banegas, Rosa E	USDA/National Institute of Food and Agriculture	Improving the Use of Organic Compounds for Greenhouse Production	08/09/2017	299,984
Berkowitz, Gerald	NSF/BIO/Directorate for Biological Sciences	Unraveling a New Signaling Pathway for Brassinosteroids: Use of A Novel Biosensor for Localized cAMP Elevation to Link Cyclic Nucleotide, Ca2+ and Plant Steroid Signal Transduction	08/04/2017	665,582
Kuzovkina-Eischen, Yulia	USDA/National Institute of Food and Agriculture	Developing Strategies for Maximizing the Health and Size of On-Site Native Pollinator Populations for Crops Requiring Sonication Pollination	08/09/2017	300,000
Schulthess, Cristian P	DOS/Department of State	Impact of Salt Intrusion on Food Security in Cuba: A Study on the Impact of Soil Salinity on Plant and Animal Disease Occurrence	08/15/2017	100,000
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Forest Pest Outreach	07/12/2017	5,000
College of Liberal Arts and Sciences			115 Proposals	\$56,442,547
Anthropology			4 Proposals	\$888,324
Smith, Chrystal A	NSF/National Science Foundation/University of South Florida	Understanding How the Educational Environment Promotes STEM Student Learning	09/11/2017	24,204
McBrearty, Sally A	Leakey (Louis S.B.) Foundation	Using Phytoliths to Reconstruct Hominin Adaptations and Microhabitats During the Acheulian-MSA Transition in the Kapthurin Formation, Kenya	07/14/2017	14,350
Willen, Sarah	Johnson (Robert Wood) Foundation	Investigating Conceptions of Health Equity and Barriers to Making a Shared Value	08/01/2017	699,772
Abadia-Barrero, Cesar	Russell Sage Foundation	Politics and Experiences of the Unfolding of the Affordable Care Act	08/18/2017	149,998

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Chemistry			8 Proposals	\$3,801,463
Gascon, Jose	NSF/National Science Foundation	REU Site: Chemistry at the University of Connecticut	08/23/2017	356,470
Hren, Michael	NSF/BIO/Directorate for Biological Sciences	Collaborative Research: Reconciving Carbon Cycling in Alluvial Rivers	08/02/2017	592,551
Mani, Tomoyasu	Japan Science and Technology Agency	Plane-Selection Optical Imaging by Magnetically Controlled Optical Probes	07/31/2017	431,789
He, Jie	NSF/National Science Foundation	CAREER: Design of Polymeric Foldamers Incorporated with Metal-Thiolate Complexes for CO2 Photoreduction	07/14/2017	690,176
Hren, Michael	NSF/National Science Foundation	CAREER: Organic Molecular Paleohypsometry: A New Approach to Quantifying the Topographic History of the Most Rapidly Eroding Mountain Belt on Earth	07/21/2017	560,431
He, Jie	American Chemical Society	Polymeric Foldamers Containing Multicopper Sites for Phenol Hydroxylation under Aerobic Conditions	09/19/2017	110,000
Adamson, Douglas	DHHS/NIH/National Institutes of Health	Transferable Polymer Brushes for Low Friction Artificial Joint Surfaces	07/17/2017	440,875
Rouge, Jessica	NSF/National Science Foundation	CAREER: DNA Programmable Peptide-Crosslinked Nanocapsules: Delivering Cargos to Cells and Research Experiences to High School Students	07/20/2017	619,171
Ecology and Evolutionary Biology			12 Proposals	\$4,648,333
Schultz, Eric T	National Commission for Scientific and Technological Research (CONICYT)	Do Dirty Fish Grow Better? Influence of Eutrophication on Fish Production	09/14/2017	16,000
Schultz, Eric T	CT Department of Energy and Environmental Protection	Assessment of Alternative Regulations for Tautog Recreational and Commercial Fisheries in Long Island Sound	09/14/2017	3,734
Wegrzyn, Jill L	NSF/BIO/Directorate for Biological Sciences	Collaborative Research: ABI Innovation: Enabling Association Mapping and Landscape Genomics for Plants through the Advanced Integration of Genotype, Phenotype, and Geospatial Data	09/08/2017	641,935
Schultz, Eric T	DOC/NOAA/National Marine Fisheries Service	Reproductive Dynamics and Population Biology of Blueback Herring, a Listed Fish Species	08/31/2017	39,685
Knutie, Sarah A	NSF/BIO/Directorate for Biological Sciences	Collaborative Proposal: Host Microbiota as a Mediator of Anthropogenic Factors, Immune Responses, and Infectious Disease Interactions	08/03/2017	581,272
Jockusch, Elizabeth L	American Philosophical Society	A Tale of Two Morphs: Testing the Adaptive nature of Bright Juvenile Tail Coloration and its Impact on Reproductive Isolation in Californian Skinks (Plestiodon)	07/03/2017	4,300
Goffinet, Bernard	NSF/BIO/Directorate for Biological Sciences	Collaborative Proposal: Diversity of Physcomitrium Pyriforme in North America and Europe: Significance of Autopolyploidy within a Phylogenomic and Experimental Framework	07/28/2017	605,327
Yuan, Yaowu	NSF/National Science Foundation	Developmental Genetics of Corolla Tube Formation: A Key Morphological Innovation During Angiosperm Evolution	08/04/2017	588,044
Urban, Mark C	NSF/BIO/Directorate for Biological Sciences	Collaborative Proposal: Does Frequency-Dependent Selection Rescue Rare Immigrants from Divergent Selection?	07/28/2017	124,537
Tingley, Morgan W	NSF/BIO/Directorate for Biological Sciences	Collaborative Research: Multi-Decadal Responses of Plant and Bird Communities to Environmental Change in the Southern Appalachian Mountains	07/31/2017	297,389
Wegrzyn, Jill L	NSF/BIO/Directorate for Biological Sciences/Pennsylvania State University	RESEARCH-PGR: Advanced Genomic and Genetic Resources to Bridge Genome to Phenome in Hardwood Trees	07/14/2017	1,238,387
Jockusch, Elizabeth L	NSF/National Science Foundation	From Trees to Networks: the Effects of Reticulate Evolution in a Widespread Lizard Species Complex	08/02/2017	507,723
Geography			3 Proposals	\$500,971

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Park Boush, Lisa	NSF/GEO/Directorate for Geosciences/University of Arkansas	Low Versus High Latitude Continental Climatic Effects of the Central Atlantic Magmatic Province on the End Triassic Extinction Event	09/15/2017	42,271
Atkinson-Palombo, Carol	DOT/Department of Transportation/University of North Carolina, Charlotte	A GIS-Based Analysis of Neighborhood-Factors Influencing Ride-Share Usage	08/22/2017	59,868
Atkinson-Palombo, Carol	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	A Mixed-Method Analysis of Ride-Share Usage in New York City to Understand the Implications of Public Transportation	09/07/2017	398,832
Human Development and Family Studies			1 Proposals	\$723,000
Eaton, Lisa A	DHHS/NIH/National Institute of Mental Health	Unified Approach to Address PrEP Cascade for BMSM	09/05/2017	723,000
Linguistics			2 Proposals	\$874,949
Bobaljik, Jonathan	NSF/National Science Foundation	The Bogoraz 1901 Notebooks	09/15/2017	40,322
Lillo-Martin, Diane C	DHHS/NIH/National Institutes of Health/Gallaudet University	Family ASL: L2 Sign Acquisition by Hearing Parents of Deaf Children	09/25/2017	834,627
Marine Sciences			16 Proposals	\$7,586,576
Whitney, Michael	DOC/NOAA/Oceanic and Atmospheric Research	Assessing and Improving Coastal Freshwater Transport and Mixing Processes in CMIP6-ERA Earth System Models	09/11/2017	358,447
Mason, Robert	NSF/National Science Foundation	Collaborative Research: Constraining the Role of Redox Chemistry in the Cycling of Hg at the Arctic Ocean Air-Sea Interface	07/10/2017	420,460
Edson, James B	NSF/National Science Foundation	Collaborative Research: Investigation of Air-Sea Interaction and Surface Fluxes at Moderate to High Wind Speeds Using OOI Data	08/15/2017	385,607
Baumann, Zofia A	NSF/National Science Foundation	Collaborative Research: Investigating the Role of Marine Aggregates in Formation of Methylmercury in the Surface Ocean	08/15/2017	972,627
Skoog, Annelie	NSF/National Science Foundation	We Sorely Need Compound-Specific Methods for the Marine DON Pool: A Method for Hydroxylamine-Compound Concentration Determinations	08/14/2017	415,901
Lin, Senjie	NSF/National Science Foundation	Sex for Proliferation - An Alternative Fate of Sexual Reproduction in Dinoflagellates	08/15/2017	562,944
Cifuentes-Lorenzen, Alejandro	NSF/National Science Foundation	Collaborative Research: An Investigation of Energy Exchange Across the Air-Sea Interface in the Presence of Surface Gravity Waters through Measurement of Dissipation, Production, and Transport of TKE	08/15/2017	815,815
Baumann, Hannes	NSF/National Science Foundation	Collaborative Research: The Genomic Underpinnings of Local Adaptation Despite Gene Flow Along a Coastal Environmental Cline	08/15/2017	325,388
Whitney, Michael	NSF/National Science Foundation	Collaborative Research: River Plume Fracture - Formation, Erosion and Decoupling of a Frontal Water Mass	08/15/2017	397,471
McManus, George B	NSF/National Science Foundation	NSFGEO-NERC: Ciliate Mixotrophy in a Coastal Food Web: An Integrated Experimental, Modeling, and Molecular Study	08/14/2017	591,749
Cabaniss, Joseph T	Boston University	Charter of R/V Weicker by Boston University	08/07/2017	7,082
Ward, J E	NSF/National Science Foundation	NSF-IOS-BSF: Mediation of Biological Filtration in Marine Suspension Feeders: Significance of Intrinsic and Extrinsic Factors	08/03/2017	840,029
Tobias, Craig R	NSF/National Science Foundation	Collaborative Research: Linking Organic Matter Composition to Shifting Baselines in the Coastal Sedimentary Nitrogen Cycle	08/04/2017	410,171
Lin, Senjie	NSF/BIO/Directorate for Biological Sciences	Collaborative Research: Understanding the Cause of Increasing Noctiluca Blooms in Arabian Sea: Hypoxia Versus Grazing	08/04/2017	362,080
Lombardo, Kelly	NSF/National Science Foundation	CAREER: The Response of Coastal Squall Line Dynamics to Climate Change	07/18/2017	583,701

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Dierssen, Heidi M	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences/University of Texas, Rio Grande Valley	Exploring the Spatiotemporal Complexities in Coverage, Composition, Biomass, and Carbon Stocks of Seagrass Meadows	08/30/2017	137,104
Mathematics			9 Proposals	\$3,621,940
Wu, Damin	Simons Foundation	Negatively Curved Complex Geometry	09/28/2017	101,275
Akman, Murat	NSF/MPS/Directorate for Mathematical and Physical Sciences	Problems in (Non)Linear Potential Theory of Elliptic PDEs	09/29/2017	117,271
Xiao, Liang	NSF/National Science Foundation	CAREER: Slopes of P-Adic Modular Forms	07/21/2017	665,539
Mostovyi, Oleksii	NSF/National Science Foundation	CAREER: Stability and Asymptotic Analysis of the Optimal Investment Problem in Incomplete Markets	07/21/2017	521,400
Gan, Guojun	NSF/National Science Foundation	CAREER: Scalable Clustering Algorithms for Large High-Dimensional Data	07/17/2017	469,213
Dzhafarov, Damir	NSF/National Science Foundation	CAREER: Computability Theory, Combinatorics, Complexity, and Beyond	07/18/2017	669,267
Li, Zhongyang	NSF/National Science Foundation	CAREER: Two-Dimensional Dimer Model, Limit Shape and Integrable Probability	07/21/2017	450,000
Dzhafarov, Damir	NSF/MPS/Directorate for Mathematical and Physical Sciences	FRG: Collaborative Research: Reverse Mathematics and Computability Theory of Combinatorial Principles	09/13/2017	521,629
Huang, Lan-Hsuan	Simons Foundation	Geometry of General Relativity	09/27/2017	106,346
Molecular and Cell Biology			10 Proposals	\$4,565,432
Lynes, Michael A	Ciencia	Novels Assays for Screening the Effects of > Chemical Toxins on Cell Differentiation	09/26/2017	750,000
Cole, James L	Connecticut Innovations/Yale University	Structural Analysis of Small Molecule PKR Activators	09/29/2017	10,000
Malone, John H	NSF/National Science Foundation	NSF CAREER: The Role of Male Contest Competition in the Evolution of Heteromorphic Sex Chromosomes	07/19/2017	1,330,516
O'Neill, Rachel J	DOD/Department of Defense/Duke University	The Role of Satellite DNA Variation as a Driver and Biomarker of Aneuploidy in Ovarian Cancer	08/10/2017	132,678
Zhang, Ping	DHHS/NIH/National Institutes of Health	Discovery of Critical Gene Interactions and Pathways that Mediate Neurodegeneration	07/05/2017	1,807,875
Goldhamer, David J	Keros Therapeutics	Testing of Keros Lead Compounds	08/22/2017	101,559
Zweifach, Adam	Connecticut Innovations/Yale University	Inhibitors of Hexokinase 2	08/30/2017	10,000
Broderick, Nichole	DHHS/NIH/National Institutes of Health	Establishing the Intimate Link between Immunity and Digestion	09/08/2017	
Cole, James L	Connecticut Innovations/Yale University	Mechanistic Analysis of Small Molecule PKR Activators	09/29/2017	10,000
Nyholm, Spencer V	NSF/National Science Foundation	Collaborative Research: Unraveling Environmental and Evolutionary Drivers of Diversity Using Beneficial Microbes and their Animal Hosts	08/15/2017	412,804
Philosophy			1 Proposals	\$21,000
Bar-On, Dorit	American Council of Learned Societies	Emotions, Expressions, and the Origins of Meaning	09/27/2017	21,000
Physics			11 Proposals	\$2,402,969
Tease, Katherine E	Space Telescope Science Institute	Completing the Legacy of Hubble's Wide/Deep Fields: An Aligned Complete Dataset of 1220 Orbits on the GOODS-N/CANDELS-N Region	08/10/2017	131,497
Cormier, Vernon F	NSF/National Science Foundation	Seismic Signatures of Inner Core Solidification	08/02/2017	333,887
Trallero, Carlos	DOD/Navy/Office of Naval Research	Generation of Intense, Carrier-Envelope-Phase-Stable Few-Cycle Pulses in the Long-Wavelength-Infrared	07/07/2017	600,000

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Sinkovic, Boris	DOE/Department of Energy/Los Alamos National Laboratory	Magnetic Topological Matter	07/07/2017	359,949
McCarron, Daniel	DOD/Department of Defense	Apparatus for Laser Cooling and Trapping a New and Improved Class of Molecule	07/07/2017	275,000
Cote, Robin J	NSF/MPS/Directorate for Mathematical and Physical Sciences	Molecular Ions: An Hybrid Atom-Ion Platform to Generate Quantum States	07/05/2017	44,999
Tease, Katherine E	Connecticut Space Grant College Consortium	Shaping Up COSMOS-DASH: Releasing a Public Morphological Catalog to the Astronomical Community	09/11/2017	10,000
Berrah, Nora	RIKEN, The Institute of Physical and Chemical Research	RHIC Physics Fellow Program	08/23/2017	181,571
Tease, Katherine E	Space Telescope Science Institute/University of Pittsburgh	PRIMER: Public Release Imaging for Extragalactic Research	08/18/2017	128,876
Tease, Katherine E	Space Telescope Science Institute/University of Pittsburgh	NOBRAINER: Nirspec Observations at Low-Resolution Allowing Innovation	08/18/2017	158,967
Trump, Jonathan R	Space Telescope Science Institute	Ultraviolet Echoes of Quasar Accretion Disks	08/10/2017	178,223
Physiology and Neurobiology			9 Proposals	\$8,654,360
Wang, Li	DHHS/NIH/National Institutes of Health	Cytochrome P450 4A as New Regulator of Alcoholic Fatty Liver	07/21/2017	2,008,750
Mulkey, Daniel K	DHHS/NIH/National Institutes of Health	Role of P2Y2 in the Regulation of Vascular Tone and Control of Breathing	08/08/2017	132,132
Nishiyama, Akiko	National Multiple Sclerosis Society	The Role of NG2 Cells at the Node of Ranvier	08/16/2017	576,732
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Determining the Mechanism of Photoreceptor-Induced Retinal-Pigmented Epithelium Atrophy	08/22/2017	59,036
Mulkey, Daniel K	Dravet Syndrome Foundation	Disordered Breathing Contributes to SUDEP in a Mouse Model of Dravet Syndrome	09/05/2017	150,000
Wang, Li	VA/Connecticut Healthcare System	IPA VA Connecticut Healthcare System	09/14/2017	12,217
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	Understanding the Role of Minor Intron Splicing in Cortical Development	07/05/2017	2,488,065
Wang, Li	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/Indiana University	Novel Animal Models to Study miRNA-Mediated Alcoholic Liver Disease	09/19/2017	884,225
Nishiyama, Akiko	DHHS/NIH/National Institutes of Health	LncRNA and Chromatin Remodeling in Direct Neuronal Reprogramming from NG2 Glial Cells	07/05/2017	2,343,203
Political Science			2 Proposals	\$1,132,219
Scruggs, Lyle A	NSF/National Science Foundation	Comparative Welfare Entitlements Project	08/15/2017	349,786
Kashwan, Prakash	NSF/National Science Foundation	CAREER: Climate Governance in an Unequal World: A Coupled Natural and Human Systems Approach	07/21/2017	782,433
Psychological Sciences			18 Proposals	\$15,007,573
Hancock, Roeland	DHHS/NIH/National Institutes of Health/University of California, San Francisco	Neurochemistry as a Moderator of Brain Networks for Reading	09/01/2017	6,061
Barnes-Farrell, Janet L	DOT/Federal Railroad Administration (FRA)/Short Line Safety Institute	Short Line Safety Institute (SLSI)	09/11/2017	80,000
Gibbons, Frederick	DHHS/NIH/National Institutes of Health/George Washington University	Reducing the Effects of Discrimination on Substance Use and Risky Sex among Black Young Adults	09/11/2017	447,725
Hancock, Roeland	DHHS/NIH/National Institutes of Health/University of California, San Francisco	Understanding Literacy Acquisition through Immersion in Foreign Languages	09/18/2017	2,021

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health/Women and Infants Hospital of Rhode Island	The Low-Verbal Investigatory Survey (L-VIS) for Autism - Exploring the Validity of a Measure of Communicative Capacity in Minimally Verbal Children with Autism	09/20/2017	48,333
Hancock, Roeland	DHHS/NIH/National Institutes of Health/University of California, San Francisco	Neural Mechanisms Underlying Compensation in Dyslexia	09/20/2017	344,099
Gibbons, Frederick	DHHS/NIH/National Institutes of Health/University of California	Examining an Implicit Affective Route to UV-Related Behavior	09/28/2017	307,760
Kalichman, Seth C	DHHS/NIH/National Institutes of Health	Intervention Dose to Sustain HIV Suppression	09/01/2017	3,973,437
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health	The Role of Heterosynaptic Plasticity in Modulating Regimes of Learning	07/18/2017	3,597,279
Park, Crystal	DHHS/NIH/National Institutes of Health	Optimizing Use of EPYQ (Essential Properties of Yoga Questionnaire) to Advance Yoga Research	07/10/2017	3,464,770
Leach, Colin W	NSF/National Science Foundation	Visceral Reactions to Police Force and Black Protest	07/17/2017	524,350
Leach, Colin W	NSF/National Science Foundation	Reconsidering the Experience and Motivation of Shame	07/24/2017	535,149
Kalichman, Seth C	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/State University of New York, Upstate Medical University	Behavioral Adherence in Emerging Adults with Type 2 Diabetes: Ancillary Study	07/19/2017	476,447
Magnuson, James S	NSF/National Science Foundation	Computational Approaches to Human Spoken Word Recognition	08/01/2017	602,266
Rueckl, Jay G	ED/Institute of Education Sciences/Florida State University	The Role of Lexical Feedback in Children's Complex Word Reading and Spelling Development: An Item-Level and Computational Approach to Identifying Malleable Factors	08/07/2017	373,112
Landi, Nicole M	DHHS/NIH/National Institutes of Health	Systems for Category Learning in Specific Reading Comprehension Deficit	08/08/2017	132,132
Hancock, Roeland	DHHS/NIH/National Institutes of Health/University of California, Davis	Neural Phenotypes of Females with Autism Spectrum Disorder	08/11/2017	4,544
Park, Crystal	DHHS/NIH/National Institutes of Health	Effects of Psychological Trauma and Cognitive Appraisals on Cardiovascular Stress Reactivity	08/08/2017	88,088
Sociology			1 Proposals	\$334,980
Voyer, Andrea M	NSF/National Science Foundation	The Mythical Norm Then and Now: Emily Post and 95 Years of the Etiquette of Inequality	08/15/2017	334,980
Speech, Language and Hearing Sciences			4 Proposals	\$822,786
Skoe, Erika	American Hearing Research Foundation	Neurobiological Indices of Sound Exposure in the Clinically Normal Ear	08/15/2017	40,000
Spaulding, Tammie J	ED/Institute of Education Sciences/University of Arizona	Improving Science Vocabulary Acquisition for Early Elementary Students: Exploring Input Variability and Learner Characteristics	08/15/2017	674,698
Friesen, Lendra	American Hearing Research Foundation	Rate Discrimination in Cochlear Implant Users	08/15/2017	20,000
Coelho, Carl A	DHHS/NIH/National Institutes of Health	Priming Cognitive-Linguistic Processes in Persons with Traumatic Brain Injury	08/08/2017	88,088
Statistics			4 Proposals	\$855,672
Zhang, Yuping	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Leveraging Diverse Biomedical Data to Decipher Tumorous Abberations	09/01/2017	100,000
Yan, Jun	After	After, Inc. Project	08/16/2017	23,053
Wang, Xiaojing	NSF/National Science Foundation	Statistical Advances in Latent Trait Analysis for Large-Scale Longitudinal Data	09/26/2017	344,521
Wang, Haiying	NSF/MPS/Directorate for Mathematical and Physical Sciences	FRG: Collaborative Research: Information-Based Subdata Selection	09/13/2017	388,098

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NEAG School of Education			21 Proposals	\$16,603,302
Curriculum and Instruction			2 Proposals	\$82,809
Gabriel, Rachael	Windsor Public Schools, CT	Inquiry for Literacy Improvement	08/30/2017	33,000
Gabriel, Rachael	Spencer Foundation	Expanding Understandings of Disciplinary Literacy Development	08/01/2017	49,809
Education Dean			1 Proposals	\$2,499,893
Kersaint, Gladis	NSF/EHR/Directorate for Education and Human Resources	The Effects of Social Capital and Cultural Models on the Degree Attainment of Women and Minorities and their Experiences in Engineering Workplace	09/14/2017	2,499,893
Educational Leadership			3 Proposals	\$639,363
Dougherty, Shaun M	MA Department of Elementary and Secondary Education	Supply and Demand Analysis of Massachusetts Chapter 74 Programs	07/27/2017	140,930
Weiner, Jennie	Spencer Foundation	Leading While Black (and Female): Exploring Intersectionality and the Lived Experiences of Black, Female School Leaders	08/01/2017	48,661
Donaldson, Morgaen	Nellie Mae Education Foundation	Teacher Leadership - Promising Programs, Systems, and Practices	07/28/2017	449,772
Educational Psychology			15 Proposals	\$13,381,237
Chafouleas, Sandra M	Grant (William T.) Foundation	Research to Reduce Inequality in Youth Outcomes: A Joint Whole Child Approach	09/12/2017	646,306
Chafouleas, Sandra M	ED/Institute of Education Sciences/University of Kansas	Enhancing Ci3T: Building Professional Capacity for High Fidelity Implementation to Support Students' Educational Outcomes (Project ENHANCE)	09/13/2017	570,781
Bray, Melissa A	Glastonbury Public Schools, CT	School Psychology Graduate Intern - Marya Reyes-Ruiz	09/12/2017	18,040
Kaufman, James	ED/Institute of Education Sciences/Pace University-Center for Downtown New York	Creative Art Participation from Middle- to High-School Age: Impact on Identity Formation and Academic Achievement	08/16/2017	98,947
La Salle, Tamika P	ED/Department of Education/ED/Institute of Education Sciences	Developing the Trauma-Informed Program for Promoting Success (TIPPS)	08/16/2017	200,318
Lombardi, Allison	ED/Institute of Education Sciences	Empowering Teachers with Technology Skills in Transition (Empower 3T), Equipping Teachers to Improve College and Career Readiness Outcomes for Students with Disabilities	08/17/2017	1,399,527
Sanetti, Lisa M	ED/Institute of Education Sciences	Project SUPPORTS: SUpporting Paraeducator Practices by means Of Research & Theory-informed Strategies	08/17/2017	1,398,099
Chafouleas, Sandra M	ED/Institute of Education Sciences/University of Missouri	Teacher Characteristics and Environmental Factors Associated with Identification of Students with Socio-Emotional and Behavioral Concerns	08/10/2017	254,015
Lombardi, Allison	ED/Institute of Education Sciences/University of Kansas	CCR4T - Secondary Transition Assessment: Development and Validation of a Student and Teacher College and Career Readiness Measure	08/10/2017	760,152
Chafouleas, Sandra M	ED/Institute of Education Sciences	Project PIERS: Postdoctoral Training in Integrated Education: Research Focused on Special Education	08/09/2017	755,520
Swaminathan, Hariharan	CT Department of Education	Psychometric Analysis and Research for Student Assessment in Connecticut II	07/24/2017	1,264,738
Hines, Erik M	NSF/National Science Foundation	CAREER: Critical Experiences in Preparing Black and Latino Males for Engineering Careers	07/20/2017	512,755
Sanetti, Lisa M	Association for Psychological Science	Concept Mapping Approach to Identify the Core Implementation Competencies to Inform Training in Implementation of Psychological Science	09/29/2017	5,000
Coyne, Michael D	ED/Institute of Education Sciences	New England Integrated MTSS Network Team	09/21/2017	3,997,045
Chafouleas, Sandra M	ED/Institute of Education Sciences	Network Leadership in Integrated Elementary Multi-Tiered Systems of Support (MTSS-IE)	09/21/2017	1,499,994

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
School of Business			5 Proposals	\$3,072,980
CT Small Business Development Center			3 Proposals	\$2,522,092
Carter, Emily	CT Department of Economic and Community Development	Small Business Development Center	07/21/2017	1,176,121
Carter, Emily	CT Department of Transportation	Disadvantaged Business Enterprise (DBE) Support Services Program	09/29/2017	169,850
Carter, Emily	SBA/Small Business Administration	Small Business Development Center	07/21/2017	1,176,121
Finance			1 Proposals	\$14,905
Carstensen, Fred V	Norwich Public Utilities	Creating Value: A Dynamic Analysis of the Economic Impact of Norwich Public Utilities	07/12/2017	14,905
Operations & Info Management			1 Proposals	\$535,983
Bergman, David	NSF/National Science Foundation	CAREER: Decision Diagram Decomposition - Expanding the Limits of Combinatorial Optimization	07/20/2017	535,983
School of Engineering			112 Proposals	\$52,901,634
Biomedical Engineering			13 Proposals	\$5,025,213
Morgan, Kristin	DOD/Department of Defense	Novel Submersible and Terrestrial Wearable Sensor Technology for the Prediction and Rehabilitation of Post Neuromusculoskeletal Injury Secondary Health Effects	09/27/2017	749,986
Santaniello, Sabato	DOD/Navy/Office of Naval Research	Biologically-Based Neural Circuit Models for Cognitive Computation	09/29/2017	474,220
Shin, Yong Jun	DHHS/NIH/National Institutes of Health	Patient-Centered Distributed and Adaptive Artificial Pancreas	09/08/2017	
Kumavor, Patrick D	NSF/National Science Foundation	Innovative Biomedical Device Technologies for Enhanced Healthcare Delivery	08/23/2017	343,762
Han, Martin	DHHS/NIH/National Institute of Neurological Disorders and Stroke	Chronically-Implantable Multisite Microelectrode Arrays	08/03/2017	261,561
Zheng, Guoan	NSF/National Science Foundation	CAREER: Tackling Imaging Challenges in Biophotonics using Ptychographic Framework	07/20/2017	500,000
Shahbazmohamadi, Sina	DOD/Navy/Office of Naval Research	A Multi-Scale Patterning System for Rapid Analysis of Emerging Nano-Electronics	07/07/2017	170,000
Hoshino, Kazunori	NSF/National Science Foundation	CAREER: In Situ Mechanical Characterization of Biomanufactured Microtissues	07/20/2017	501,035
Feng, Bin	NSF/National Science Foundation	CAREER: Understanding Peripheral Neuromodulation to Enhance Non-Drug Management of Chronic Pain	07/18/2017	589,036
Santaniello, Sabato	NSF/National Science Foundation	CAREER: Robust Control Methods for Understanding and Designing Deep Brain Stimulation Under Neural Variability	07/20/2017	555,009
Shin, Yong Jun	NSF/National Science Foundation	CAREER: Microservices-Enabled Distributed and Adaptive Single-Cell Biology	07/19/2017	620,354
Shahbazmohamadi, Sina	Carl Zeiss Microscopy	Development of Correlative Workflows and Point Spread Function Deconvolution on ZEISS Crossbeam	07/10/2017	100,000
Feng, Bin	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Mechanisms of DRG Stimulation to Modulate Visceral Afferent Function	07/14/2017	160,250
Chemical and Biomolecular Engineering			10 Proposals	\$3,383,386
McCutcheon, Jeffrey R	NSF/National Science Foundation	Collaborative Research: Conductive Dual Layer Hollow Fibers with Percolated Carbon Nanotube Composite Coating	09/15/2017	326,761

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Stuber, Matthew D	DHHS/NIH/National Institutes of Health/University of Colorado, Boulder	Modulating the Tumor Microenvironment to Enhance Nanomedicine Delivery by Precision Adjunct Medicines through Model-Based Systems Engineering and Optimal Treatment Scheduling	08/22/2017	553,658
Stuber, Matthew D	DOD/Navy/Office of Naval Research	Flexibility Analysis for Robust Decision-Making in Nonlinear Systems	09/12/2017	510,000
Escobar Ivirico, Jorge L	DOD/Department of Defense	Development of Artificial Stem Cells for Knee Osteoarthritis Treatment	08/02/2017	273,040
Valla, Ioulia	DOE/Department of Energy	Catalytic Fast Hydrolysis (CFHP) Process Integrated with Novel Membrane Systems for the Production of Drop-in Bio-Fuels	07/07/2017	
Sun, Luyi	USDA/National Institute of Food and Agriculture	Multi-Functional Nanocoatings for Smart Food Packaging	07/06/2017	499,999
Lei, Yu	USDA/National Institute of Food and Agriculture/University of Massachusetts, Lowell	Pumpless, Wireless, and Ultrasensitive Biosensor Network System for Food Borne Disease Outbreak	07/21/2017	199,928
Wagstrom, Kristina	NSF/National Science Foundation	CAREER: Engaging Communities to Bridge the Local to Regional Gap in Air Pollution Exposure Assessment	07/20/2017	500,000
Cho, Yongku P	NSF/National Science Foundation	CAREER: Novel Platforms for Regulated Ex Vivo Gene Therapy in the Central Nervous System	07/20/2017	500,000
Ma, Wing Kui Anson	Pfizer	3D Printing of Solid Dosage Forms	07/24/2017	20,000
Civil and Environmental Engineering			21 Proposals	\$10,527,895
Jang, Shinae	NSF/National Science Foundation	REU Site: STEM Education Workforce Development with Infrastructure Research	08/23/2017	338,452
Lownes, Nicholas	DOT/Department of Transportation/University of North Carolina, Charlotte	Investigating the Linkage Between Access to Services and Housing Availability	08/11/2017	60,000
Vadas, Timothy M	USDA/National Institute of Food and Agriculture	Small or Urban, Regional or Local Food Systems: Integrating Water Efficiency and Quality across New England's Long Island Sound Watershed	08/02/2017	5,185,607
Ivan, John N	DOT/Department of Transportation/University of North Carolina, Charlotte	Estimation of Local Road AADT Using Demographic, Land Development and Geospatial Data	08/01/2017	59,999
Wang, Guiling	NASA/National Aeronautics and Space Administration	Using Remote Sensing-Based Evapotranspiration and SMAP Data to Improve Hydrological Estimation	08/03/2017	435,044
Nikolopoulos, Efthymios I	NASA/National Aeronautics and Space Administration	Precipitation, Assimilation and Resolution (PARE): Understanding their Importance and Interdependence for Advancing the Modeling of Terrestrial Hydrologic Processes	08/03/2017	463,198
Konduri, Karthik	NSF/National Science Foundation	CAREER: Development of Statistical Models and Inference Approaches for Analyzing the Influence of Latent Factors on Transportation Behaviors	07/20/2017	535,871
Ivan, John N	AAA Foundation for Traffic Safety	Quantifying Exposure-Based Crash Rates of Newly-Licensed Drivers in Relation to Age at Licensure	07/07/2017	150,000
Jackson, Eric D	AAA Foundation for Traffic Safety	Evaluating Novice Driver Training Tools Designed to Accelerate the Development of Hazard Anticipation Skills and Driver Expertise	07/07/2017	153,147
Anagnostou, Emmanouil N	Eversource	Expanding the UConn Predictive Storm and Outage Model to MA and NH	07/31/2017	235,751
Konduri, Karthik	University of North Carolina, Charlotte	Development of Continuous Time and Temporally Constrained Tour Generation System for Modeling the Impacts of Autonomous Vehicle Future	08/07/2017	59,999
Malla, Ramesh B	DOT/Department of Transportation/University of Maine	US DOT - University Transportation Center - Region 1 (New England)	08/15/2017	250,000
Ivan, John N	DOT/Department of Transportation/University of New Hampshire	NECTR: New England Center for Transportation Resiliency	08/15/2017	500,000
Astitha, Marina	NSF/National Science Foundation	REU Site: Interdisciplinary Traineeship on Power Grid Resilience to Severe Storms in a Changing Environment	08/23/2017	353,388

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Garrick, Norman W	DOT/Department of Transportation/University of North Carolina, Charlotte	Likely Scenarios - A Framework for Assessing the Probable Impact of Autonomous Vehicles	08/23/2017	59,868
Kirchhoff, Christine	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Collaborative Research: Innovation at the Boundary (iBoundary): How Interactive Research Drives Innovation in Science and Policy.	09/11/2017	294,582
Zhang, Wei	NSF/National Science Foundation	Collaborative Research: System Performance Investigation and Benchmark Validation of Coastal Residential Buildings in Hurricane Events	09/22/2017	185,490
Zhu, Jin	NSF/National Science Foundation	Enhance Understanding of Human Evacuation, Return, and Relocation Decision Making in Disasters: A Case Study of Hurricane Harvey	09/13/2017	103,310
Zhu, Jin	NSF/National Science Foundation	Integrating Human Resilience with Transportation Infrastructure Development for Supporting Human-Centered Decision Making in Infrastructure Planning and Design	09/22/2017	179,955
Pena Mendez, Malaquias	DOC/NOAA/National Oceanic and Atmospheric Administration	Weakly and Strongly Coupled Initial Perturbations in a Seamless Weather to Seasonal Prediction System	09/25/2017	424,234
Zhang, Wei	NSF/National Science Foundation	CAREER: Understanding Integrated Performance of Building Structures for Sustainable and Resilient Communities	07/20/2017	500,000
Computer Science and Engineering			14 Proposals	\$5,823,216
Bansal, Mukul S	NSF/BIO/Directorate for Biological Sciences	ABI Innovation: Algorithms and Tools for Genome-Scale Inference of Microbial Phylogenies	09/08/2017	575,223
Rajasekaran, Sanguthevar	NSF/BIO/Directorate for Biological Sciences	Efficient Compression Techniques for Biological Big Data	09/08/2017	781,882
Mandoiu, Ion I	Connecticut Innovations/University of Connecticut Health Center	Genomic-Driven Personalized Immunotherapy of Human Ovarian Cancer	08/24/2017	43,700
Wang, Bing	DHHS/NIH/National Institutes of Health/Boston University	Smartphone Adherence Project (SMART-AP)	08/18/2017	54,414
Khan, Mohammad M	NSF/National Science Foundation	CAREER: The Role of Emotion and Social Motives in Communicating Risk: Implications for User Behavior in the Cyber Security Context	07/19/2017	559,786
Duggirala, Parasara S	NSF/National Science Foundation	CAREER: A Rigorous Framework for End-To-End Certification of Autonomous Vehicles	07/19/2017	508,393
Nabavi, Sheida	NSF/National Science Foundation	CAREER: Graphical Models for Integrating Multimodal Genomic Data	07/18/2017	499,722
Shin, Dong	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Skeletal Phenotyping of Komp Mice	07/12/2017	1,105,525
Huang, Chun-Hsi	NSF/National Science Foundation	IPA Assignment: Chun-Hsi Huang	07/13/2017	195,827
Rajasekaran, Sanguthevar	DOD/Defense Threat Reduction Agency	Novel Algorithms and Wearable Technologies for Early Warning of Health Changes	09/18/2017	
Russell, Alexander	NSF/CISE/Directorate for Computer and Information Science and Engineering	AF: Medium: Collaborative Research: Quantum-Secure Cryptography	09/27/2017	274,898
Khan, Mohammad M	NSF/CISE/Directorate for Computer and Information Science and Engineering	CRS: Medium: A Scalable Performance Modeling Framework for Extendable Distributed Systems	09/27/2017	647,560
Han, Song	NSF/CISE/Directorate for Computer and Information Science and Engineering	NeTS: Medium: Collaborative: Achieving Control Certainty in Uncertain Environments: Holistic Approach to Dynamic Network Resource Management	09/27/2017	537,460
Ammar, Reda A	Egyptian Cultural and Educational Bureau	Egyptian CEB 2017-18	08/24/2017	38,826
Connecticut Transportation Institute			5 Proposals	\$1,174,322
Mahoney, James M	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Development of a Digital Design Environment (DDE) Projectwise - Phase 2 - Task #1	08/07/2017	426,837

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Mahoney, James M	CT Department of Transportation	Development of a Digital Design Environment (DDE) Projectwise - Phase 2 - Task #1	08/07/2017	426,837
Mahoney, James M	CT Department of Transportation	Evaluation of Wet Weather Crash Locations and Conducting Pavement Friction in Selected Locations	07/12/2017	230,316
Mahoney, James M	CT Department of Transportation	Engineering Services for Pavement Management Activities and Research	09/07/2017	58,471
Mahoney, James M	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Connecticut Advanced Pavement Lab FY16, FY17, FY18	08/23/2017	31,861
Electrical and Computer Engineering			15 Proposals	\$8,151,153
Chandy, John A	NSF/EHR/Directorate for Education and Human Resources	Embedded Systems Security Scholarship for Service Program	07/31/2017	3,983,520
Gokirmak, Ali	DOD/Navy/Office of Naval Research	DURIP - Acquisition of General Purpose Sputtering Tool for Fabrication Facility	07/07/2017	471,500
Javidi, Bahram	DOD/Air Force Research Laboratory	Long Range Passive Sensing 3D Imaging and Ranging: A Fundamental Limits Investigation	09/25/2017	100,000
Jain, Faquir C	Systems Engineering Associates Corporation (SEA CORP)	Design and Processing of Low Phase Noise Laser and Gain Chip	09/11/2017	40,000
Dani, Ashwin	NASA/National Aeronautics and Space Administration	Autonomous Optical Navigation and Trajectory Control using Electric Propulsion for Small Spacecraft in Deep Space	09/25/2017	399,999
Zhang, Liang	DOC/National Institute of Standards and Technology (NIST)/University of Michigan	Multi-Job Production Hybrid and Assembly Systems: Theory and Application in the Framework of Smart Manufacturing	08/31/2017	10,000
Javidi, Bahram	Hamamatsu	Single Photon Imaging	08/07/2017	50,000
Wang, Lei	USDA/National Institute of Food and Agriculture/University of Arkansas	ASSISTANCE: A SenSing and modeling SysTem enAbling efficieNt use of resourcEs	08/02/2017	399,991
Willett, Peter K	DOD/Air Force/Air Force Office of Scientific Research	Reliable Inference in Data Fusion Systems	07/25/2017	449,333
Javidi, Bahram	DOD/Air Force/Air Force Office of Scientific Research	Passive Multidimensional Imaging and Recognition with Multiple Degrees of Freedom under Fixed Resource Constraints	07/26/2017	390,000
Yan, Bing	ISO New England	Efficient Modeling of Generation-Dependent Ramp Rates for Unit Commitment and Economic Dispatch, Phase II	07/24/2017	66,719
Gupta, Shalabh	NSF/National Science Foundation	CAREER: Cooperative Autonomy for Resilience and Efficiency of Cohabitating Patrolling Systems	07/20/2017	514,134
Bazzi, Ali	NSF/National Science Foundation	CAREER: Hierarchical Control of High-Performance Motor Drives	07/20/2017	501,277
Dani, Ashwin	NSF/National Science Foundation	CAREER: Physics-driven Machine Learning for Model Learning of Flexible Object Shape Deformation	07/19/2017	531,906
Bazzi, Ali	DOD/Navy/Office of Naval Research	High-Voltage High-Frequency Power Electronic Testbed for Naval Propulsion Drives Research	07/07/2017	242,774
Engineering Dean			2 Proposals	\$1,091,039
Kazerounian, Kazem	University of Connecticut Health Center	Pre-College Enrichment Program	07/21/2017	65,553
Wei, Mei	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Regeneration of the Osteochondral Tissue of the Mandibular Condylar Cartilage via Novel Multi-Zonal Scaffold and Growth Factors	09/29/2017	1,025,486
Materials Science and Engineering			10 Proposals	\$6,453,710
Lee, Seok Woo	NSF/National Science Foundation	Collaborative Research: Investigation of Ultra-High Elastic Energy Storage Hybrid Nanocomposites via Sequential Infiltration Synthesis and In-Situ Micromechanical Deformation	09/20/2017	312,599

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Carter, Clive B	DOE/Department of Energy	Deformation of Tantalum and Related Metals	09/05/2017	483,294
Huey, Bryan	NSF/National Science Foundation	REU Site: Materials for Extreme Conditions	08/23/2017	319,847
Hebert, Rainer J	DOE/Office of Energy Efficiency and Renewable Energy	Metal Additive Manufacturing Education for a New Generation of Engineers	08/08/2017	1,937,970
Singh, Prabhakar	DOE/Department of Energy	Advanced Anode for Internal Reforming and Thermal Management in Solid Oxide Fuel Cells	07/14/2017	300,000
Gao, Puxian	DOE/Department of Energy	Multi-Mode Nanowire Array Sensors for Environmental Monitoring at High Temperature	07/24/2017	500,000
Lee, Seok Woo	NSF/National Science Foundation	CAREER: Fundamental Investigation of Superelastic and Superconductive Intermetallic Compounds via In-Situ Cryogenic Micromechanical Deformation	07/20/2017	500,000
Singh, Prabhakar	DOE/Department of Energy	Understanding of the Role of Marine Atmosphere on the Stability of SOFC Stack and BOP: Degradation Mechanisms and Mitigation Approaches	07/14/2017	300,000
Singh, Prabhakar	DOE/Department of Energy	Development & Optimization of Low Cost Scalable Processes for the Densification of Electronically Conducting Oxide SOFC Interconnect	07/14/2017	300,000
Gao, Puxian	DOE/Department of Energy	AOI (1B) (Metal Oxide Nano-Array Monolithic Reactors for Thermochemical CO2 Hydrogenation into Value-Added Fuel)	08/08/2017	1,500,000
Mechanical Engineering			22 Proposals	\$11,271,700
Nguyen, Thanh D	NSF/National Science Foundation	CAREER: Bionic Force-Sensing Cartilage	07/12/2017	628,954
Norato Escobar, Julian A	NSF/National Science Foundation	CAREER: Incorporating Geometric Rules and Cost in Topology Optimization for Efficient Design of Near-Manufacturable Structures	07/19/2017	500,000
Cetegen, Baki	DOD/Department of Defense	Acquisition of a High Speed Planar Laser Induced Fluorescence System for Combustion Research	07/06/2017	392,990
Sung, Chih-Jen	Aviation Industry Corporation of China (AVIC)	Development of Comprehensive Fuel Injection and Combustion Models	07/19/2017	899,997
Pettes, Michael T	DOD/Navy/Office of Naval Research	Spatially-Precise Quantum Nanophotonics	09/29/2017	510,000
Li, Ying	DOD/Navy/Office of Naval Research	Predictive Multiscale Modeling of Viscoelasticity of Polymer Nanocomposites	09/29/2017	510,000
Li, Ying	NSF/National Science Foundation	Collaborative Research: Synthesizing High-Performance Thermoelectric Materials and Devices with Multi-Physics Optimization and Functional Additive Manufacturing	09/14/2017	187,541
Li, Ying	NSF/National Science Foundation	Collaborative Research: An Integrated Theoretical, Experimental and Computational Study of the Interfacial Self-Healing of Nanocomposite Hydrogels	09/22/2017	233,649
Pasaogullari, Ugur	DOE/Office of Energy Efficiency and Renewable Energy	AMES: MS and MENG in Advanced Manufacturing for Energy Systems at the University of Connecticut	09/18/2017	1,257,254
Chen, Xu	DOD/Navy/Office of Naval Research	Dynamic Information Fusion and Collaborative Controls for Agile Resilient Autonomy of Multibody Control Systems	09/29/2017	509,899
Tang, Jiong	NSF/National Science Foundation	CDS&E/Collaborative Research: Health Management for Large Scale Structures Enabled by Physics-Guided Data Analytics and Non-Contact Movable Sensing Systems	09/22/2017	270,018
Lykotrafitis, George	NSF/National Science Foundation	Micromechanics of SK ion channel regulation via diffusion and recycling in neuron	09/15/2017	492,870
Chiu, Wilson K	NSF/MPS/Directorate for Mathematical and Physical Sciences	Collaborative Research: The Role of Emergent Phases in Conductivity and Surface Reactivity Enhancement in Mixed Ionic-Electronic Conductors	08/28/2017	273,466
Li, Ying	Haythornthwaite (Robert M. and Mary) Foundation/American Society of Mechanical Engineers (ASME)	Understanding Blood Circulation and Tumor Extravasation of Nanoparticles through Multiscale Modeling and 3D Tumor-on-a-chip	08/15/2017	20,000

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Zhang, Dianyuan	Haythornthwaite (Robert M. and Mary) Foundation/American Society of Mechanical Engineers (ASME)	Integrated Composite Process Modeling and On-Line Cure Monitoring of Resin Transfer Molding Processes	08/15/2017	20,000
Li, Ying	NSF/CISE/Directorate for Computer and Information Science and Engineering	CRII: OAC: A Hybrid Finite Element and Molecular Dynamics Simulation Approach for Modeling Nanoparticle Transport in Human Vasculature	08/09/2017	174,999
Chen, Xu	NSF/National Science Foundation	CRII: CPS: Performance Computation in the Loop: Uncertainty Resilient Additive Manufacturing Integrating Performance Computing with Physics-Based Control Primitives	08/09/2017	173,726
Pierce, David M	DHHS/NIH/National Institutes of Health	Accumulation of Microtrauma and Loss of Function in Articular Cartilage	08/03/2017	2,413,905
Tang, Jiong	DOD/Department of Defense	Scanning Laser Doppler Vibrometer and Instrumentation for the Development of Dynamic Data Driven Adaptive Sensing and Fault Diagnosis of Aerospace Structures	07/07/2017	302,432
Zhang, Dianyuan	NSF/National Science Foundation	CAREER: Effects of Cure Cycles on Mechanical Properties of Polymer Matrix Composites Manufactured Using Vacuum Assisted Resin Transfer Molding	07/20/2017	500,000
Li, Ying	NSF/National Science Foundation	CAREER: Cyber-Enabled Design of Size- and Shape-Controlled Liposome-Like Nanoparticles for Drug Delivery	07/21/2017	500,000
Chen, Xu	NSF/National Science Foundation	CAREER: Adding to the Future: New Regimes of Modeling and Controls for Quality Layered Energy Deposition in Additive Manufacturing	07/17/2017	500,000
School of Fine Arts			4 Proposals	\$178,975
School of Fine Arts			4 Proposals	\$178,975
Bell, John T	NEA/National Endowment for the Arts	Living Objects: African American Puppetry	08/03/2017	70,975
Scheinfeldt, Joseph T	Institute of Museum and Library Services	The Greenhouse Studios "Building Digital Scholarship" Post-MLIS Fellowship Program	08/31/2017	
Scheinfeldt, Joseph T	Kress (Samuel H.) Foundation	Greenhouse Studios/UConn Art History Kress Post-Doctoral Fellowship	09/28/2017	108,000
Bell, John T	NEA/National Endowment for the Arts	Living Objects: African American Puppetry	07/10/2017	
School of Nursing			7 Proposals	\$2,036,885
School of Nursing			7 Proposals	\$2,036,885
McGrath, Jacqueline M	Johnson (Robert Wood) Foundation	Inspiring Transformational Leadership and Scholarship for UConn Nurse Scholars	09/14/2017	225,000
Starkweather, Angela	DHHS/NIH/National Institutes of Health/University of Maryland	Neurophysiological and Transcriptomic Predictors of Chronic Low Back Pain: Towards Precision Pain Management (NEAT Study)	08/09/2017	1,183,803
McGrath, Jacqueline M	University of Pennsylvania	Increasing Transformational Opportunities for UConn Nurse Scholars	08/01/2017	
Fontes, Alan	DHHS/Department of Health and Human Services/CT Department of Social Services	HIT EHR Incentive Program	07/13/2017	528,800
Jakubisin Konicki, Annette	CVS	FNP CUPS: FNPs Caring for Underserved Populations 2018	09/18/2017	5,000
Van Hoof, Thomas J	National Organization for Associate Degree Nursing	Variables Associated with Educational Advancement	07/28/2017	1,000
Judge, Michelle P	Seafood Industry Research Fund	Adaptive Symptom Care Using Fish-Based Nutritional Directives Post Breast Cancer	08/18/2017	93,282
School of Pharmacy			13 Proposals	\$2,694,318
Pharmaceutical Sciences			11 Proposals	\$2,284,866

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Lu, Xiuling	Connecticut Innovations/Yale University	Bone Marrow Accumulation of Nanoparticles and the Interaction with Leukemia Stem Cells	09/12/2017	10,000
Bahal, Raman	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Targeted Delivery of AntimiR Gamma PNAs for Lymphoma Therapy	09/01/2017	100,000
Bogner, Robin H	National Institute for Innovation in Manufacturing Biopharmaceuticals/National Institute of Pharmaceutical Technology and Education	Software and Hardware Tools for Pharmaceutical Lyophilization Process Scale-Up	08/10/2017	193,534
Wiemer, Andrew J	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Elucidating the Mechanism(s) of Apoptosis Induced by Novel Geranylgeranyl Diphosphate Synthase Inhibitors in T-Cell Acute Lymphoblastic Leukemia	09/01/2017	20,000
Bogner, Robin H	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Development of a Raman Spectroscopic Method to Detect Protein Conformation in Amorphous Solids; Application to Protein Formulation and Stability	09/01/2017	20,000
Wiemer, Andrew J	DHHS/NIH/National Institutes of Health	Elucidating the Mechanism(s) of Apoptosis Induced by Novel Geranylgeranyl Diphosphate Synthase Inhibitors in T-Cell Acute Lymphoblastic Leukemia	08/08/2017	45,863
Wiemer, Andrew J	DHHS/NIH/National Cancer Institute	Synthesis and Biological Evaluation of HMBPP Phosphonate Analogs and Prodrugs	08/04/2017	172,926
Burgess, Diane J	DHHS/FDA/Food and Drug Administration	In Vitro In-Vivo Correlation of the Long-Acting Injectable Suspensions	07/05/2017	486,923
Kendall, Debra A	DHHS/NIH/National Institutes of Health	Biochemical Analysis of Novel Cannabinoid Type 2 Receptor Agonists for Pain Treatment	08/08/2017	116,232
Wiemer, Andrew J	NSF/National Science Foundation	CAREER: The Biological and Environmental Interplay Between Phosphorus and Methylbutene	07/17/2017	699,464
Wiemer, Andrew J	DHHS/NIH/National Institutes of Health	Role of Butyrophilin 2 Isoform in Lymphocyte Function	07/05/2017	419,924
Pharmacy Practice			2 Proposals	\$409,452
Holle, Lisa M	Hematology/Oncology Pharmacy Association (HOPA)	Can Spinners Improve Understanding of Adverse Events in Patients with Cancer?	09/20/2017	29,452
Baker Jr, William L	DHHS/AHRQ/Agency for Healthcare Research and Quality	Treatment of Depression for Older Adults	09/08/2017	380,000
School of Social Work			6 Proposals	\$1,355,915
School of Social Work			6 Proposals	\$1,355,915
Lloyd, Margaret H	DHHS/SAMHSA/Center for Substance Abuse Treatment/Oklahoma Department of Mental Health and Substance Abuse Services	Okmulgee County Family Drug Court Enhancement Grant	09/22/2017	48,750
Lin, Hsiu-Ju	DHHS/NIH/National Institutes of Health/Yale University	Incarceration and Cancer-Related Outcomes (ICRO)	09/25/2017	123,534
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/Wheeler Clinic	Connecticut OD Treatment Access (COTA)	07/24/2017	1,000,000
Lin, Hsiu-Ju	DHHS/NIH/National Institute on Drug Abuse/Yale University	Promoting HIV and HVC-Related Services in Opioid Treatment Programs with the Implementation and Sustainment Facilitation Strategy	08/31/2017	78,143
Lin, Hsiu-Ju	DHHS/FDA/Food and Drug Administration/Yale University	Linking Data Sources to Elucidate Non-Fatal and Fatal Opioid-Related Overdose Epidemiology and the Role of FDA-Regulated Products	07/25/2017	5,488
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	Research Initiatives 2017-18	09/14/2017	100,000
Academic and Service Programs			3 Proposals	\$509,673
Unassigned Department			2 Proposals	\$95,672
LAURENCIN, CATO	DOD/Department of Defense/University of Connecticut Health Center	Injectable Stem-Cell Hydrogel Systems for Knee Osteoarthritis Treatment	09/18/2017	47,836

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
LAURENCIN, CATO	DOD/Department of Defense/University of Connecticut Health Center	Engineered Conducting Polymer Constructs for Volumetric Muscle Loss Treatment	09/18/2017	47,836
VP Graduate Education & Dean			1 Proposals	\$414,001
Holsinger, Kent E	NSF/EHR/Directorate for Education and Human Resources	Graduate Research Fellowship Program	08/15/2017	414,001
Vice President for Research			12 Proposals	\$4,536,388
Center for Environmental Sciences and Engineering			3 Proposals	\$1,813,396
Perkins, Christopher R	CT Department of Energy and Environmental Protection	Analytical Support to the Connecticut Department of Energy and Environmental Protection for the Long Island Sound Study and Ambient Water Quality Survey	07/14/2017	225,000
Willig, Michael R	NSF/BIO/Directorate for Biological Sciences	Integrating Gradients of Available Energy and Landscape Structure at Multiple Spatial Scales to Understand Variation in Forest Bird Biodiversity	08/02/2017	1,564,551
Perkins, Christopher R	DOI/United States Geological Survey	Sea Turtle Egg Homogenization and Compositing	07/05/2017	23,845
Institute for Collaboration on Health, Intervention and Policy			4 Proposals	\$432,396
Schwartz, Marlene B	DHHS/Office of the Secretary/Clifford Beers Clinic	Empowered Communities Initiative at Clifford Beers	07/25/2017	107,258
Cornman, Deborah H	DHHS/NIH/National Institute of Mental Health/Yale University	Center for Interdisciplinary Research on AIDS	08/22/2017	87,925
Butler, Lisa M	Brigham and Women's Hospital	Standing Tall - A Pilot Randomized Controlled Trial of a Community-Based Intervention to Improve Health Outcomes for Newly Diagnosed HIV-Positive Young Adults in South Africa	08/16/2017	69,146
Schwartz, Marlene B	DHHS/NIH/National Institutes of Health/University of Pennsylvania	A Randomized Trial of Web-Based Behavioral Economic Interventions to Promote Healthy Food Choices Among Food Pantry Clients	09/28/2017	168,067
Institute of Materials Science			1 Proposals	\$1,018,068
Ramprasad, Ramamurthy	Semiconductor Research Corporation/Rensselaer Polytechnic Institute	Malleable, Integrated, Memory Intensive, Computing (MIMIC)	09/25/2017	1,018,068
Northeast Undersea Research Technology and Education Center			2 Proposals	\$266,719
Babb, Ivar G	NSF/National Science Foundation	Marine Technology for Teachers and Students in the Gulf and Great Lakes: MaTTS 2.0	09/05/2017	170,627
Joy, Kevin P	NSF/National Science Foundation/Woods Hole Oceanographic Institution	ROV Support for Ocean Observatories Initiative (OOI) 2017 Pioneer-9 Leg 1 Cruise	09/20/2017	96,092
Vice President for Research			2 Proposals	\$1,005,809
Maric, Radenka	Cadenza Innovation	The Fundamental Study, Characterization, and Synthesis of Natural Graphite for Electrodes in Lithium Ion Batteries	08/24/2017	705,809
Maric, Radenka	DOE/Department of Energy	Fuel Flexible, Low Temperature Solid Oxide Fuel Cells	07/14/2017	300,000
University of Connecticut - Storrs & Regional			359 Proposals	\$158,585,112
School of Dental Medicine			12 Proposals	\$10,077,604
Craniofacial Sciences			3 Proposals	\$3,053,261
Yadav, Sumit	DHHS/NIH/National Institute of Dental and Craniofacial Research/University of Connecticut	Mandibular Cartilage Regeneration in Situ by Endogenous Stem Cell Recruitment	08/18/2017	81,336
Yadav, Sumit	DHHS/NIH/National Institutes of Health	Regeneration of the Osteochondral Tissue of the Mandibular Condylar Cartilage via Novel Multi-Zonal Scaffold and ...	09/27/2017	2,743,749

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Spoto, Michelle T	DHHS/NIH/National Institutes of Health/Quercus Molecular Design	Molecular Mechanisms Underlying Transition to Virulence in Staphylococcus epidermidis	08/02/2017	228,176
Oral Health and Diagnostic Sciences			2 Proposals	\$76,940
Chen, I-Ping	University of Connecticut	FY16 iNCHIP DEVELOPING A MOUSE MODEL FOR SYMPTOMATIC APICAL PERIODONTITIS	08/24/2017	20,000
Tadinada, Aditya	DHHS/NIH/National Institutes of Health/New York University	Preliminary Safety Study of Botulinum Toxin for Treatment of Myofascial TMJD Pain	09/15/2017	56,940
Reconstructive Sciences			7 Proposals	\$6,947,403
Rowe, David W	DHHS/NIH/National Institutes of Health/University of California, Berkeley	Mussel-inspired anchoring of lubricating protein PRG4 onto tissue and device surfaces	07/07/2017	1,184,577
Maye, Peter F	DHHS/NIH/National Institutes of Health	Cherubism and Transforming Growth Factor Beta Signaling	07/14/2017	235,752
Dealy, Caroline N	DOD/Department of Defense	First-in-class Combination Therapeutic/Diagnostic for Rheumatoid Arthritis	08/01/2017	319,000
Maye, Peter F	DHHS/NIH/National Institutes of Health/University of Hartford	Genetic Analysis of Hyaluronon Function During Synovial Joint Development	08/29/2017	30,000
Dealy, Caroline N	Yale University	Proof-of-Concept Efficacy and New-End-Stage Development of a Novel Biologic Targeting the EGFR axis	09/20/2017	10,000
Dealy, Caroline N	DOD/Department of Defense	Articular Cartilage Regeneration via Resident Chondroprogenitor: mechanisms and utility for healing articular...	09/28/2017	1,197,580
Rowe, David W	DHHS/NIH/National Institutes of Health	Skeletal Phenotyping of KOMP Mice	07/13/2017	3,970,494
School of Medicine			143 Proposals	\$123,544,139
Cell Analysis Modeling - CCAM			3 Proposals	\$3,821,358
Blinov, Michael	DHHS/NIH/National Institutes of Health	Methods and Tools in Simulation and Analysis of Dynamic Multivalent Molecular Aggregates	09/29/2017	1,595,000
Blinov, Michael	DHHS/NIH/National Institutes of Health	Methods and Tools in Simulation and Analysis of Dynamic Multivalent Molecular Aggregates	08/18/2017	1,595,000
Blinov, Michael	NSF/National Science Foundation	ABI Innovation: Methods and software for linking 'omics and predictive simulations	09/07/2017	631,358
Cell Biology			13 Proposals	\$11,506,246
Claffey, Kevin P	Health Resources in Action (HRIA)	Targeting Vascular Calcium Channels to Improve Cardiac Ischemia/Reperfusion Injury	07/26/2017	280,000
Smilowitz, Henry	Owens (William and Ella) Medical Research Foundation	Gold Nanoparticle Treatment of Glioma	08/07/2017	100,000
Laubenbacher, Reinhard	NSF/National Science Foundation	Date and Models in the Biosciences	08/18/2017	452,689
Smilowitz, Henry	DHHS/NIH/National Institutes of Health/Nanoprobes	Gold Nanoparticle Treatment in Glioma	09/01/2017	638,000
Mehlmann, Lisa M	DHHS/NIH/National Institutes of Health	Cytoplasmic Maturation in Mouse Oocytes	09/21/2017	1,993,750
Yue, Lixia	DHHS/NIH/National Institutes of Health/Mount Sinai School of Medicine	Baf250a orchestrating a coherent gene expression program to control sinoatrial node development	09/12/2017	63,427
Fong, Guo-Hua	DHHS/NIH/National Institutes of Health/Pennsylvania State University	Molecularly Regulated Release of Angiogenic Factors from Superporous Hydrogels	07/25/2017	109,317
Laubenbacher, Reinhard	NSF/National Science Foundation	Modular design of multiscale models, with an application to the innate immune response to fungal respiratory pathogens	07/17/2017	90,000

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Jaffe, Laurinda	ImpactAssets	Maintenance and development of transgenic mice for studies of signal transduction	07/11/2017	272,614
Mendes, Pedro	DHHS/NIH/National Institutes of Health/Virginia Technical Institute	COPASI software for modeling and simulation of biochemical networks	09/05/2017	166,153
Yue, Lixia	DHHS/NIH/National Institutes of Health/Rutgers University	Regulation of TRPM7 by CNNM Proteins	09/25/2017	183,505
Jaffe, Laurinda	ImpactAssets	Physiological Functions of the NPR2 Guanylyl Cyclase	09/19/2017	276,791
Loew, Leslie M	DHHS/NIH/National Institutes of Health	National Resource for Cell Analysis and Modeling	09/19/2017	6,880,000
Center for Public Health			1 Proposals	\$19,985
Clark-Dufner, Petra	Academy of Applied Science	Junior Science and Humanities Symposia (JSHS) Program	07/11/2017	19,985
Center for Vascular Biology			2 Proposals	\$1,037,694
Murphy, Patrick A	DHHS/NIH/National Heart, Lung, and Blood Institute	Investigation of alternative splicing in response to low and disturbed flow	07/12/2017	248,407
Finck, Christine M.	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	A retrievable autologous bioengineered esophageal implant as a novel treatment for long-gap esophageal atresia	08/21/2017	789,287
Community Medicine and Health Care			13 Proposals	\$12,364,527
Bruder, Mary	DHHS/ACL/Administration for Community Living/CT Department of Developmental Services	Living Well Model Approaches for Enhancing the Quality, Effectiveness & Monitoring of Home & Community Based Services for Individuals with Developmental Disabilities	07/19/2017	485,897
Bruder, Mary	DHHS/ACL/Administration for Community Living	UCEDD Disabilities Diversity Fellowships	07/10/2017	50,000
Bruder, Mary	DHHS/HRSA/Health Resources and Services Administration	Leadership Education in Neurodevelopmental and Other Related Disorders Program	08/03/2017	506,504
Gelbar, Nicholas	ED/Department of Education/University of Connecticut	Empowering Teachers with Technology Skills in Transition (Empower 3T)	08/04/2017	249,655
Gelbar, Nicholas	ED/Department of Education	Adapting the self-determined learning model of instruction for middle and high school students with Autism Spectrum	08/18/2017	398,640
Gelbar, Nicholas	Growing Possibilities dba Roses for Autism	UCEDD's Autism Training Program	08/18/2017	20,822
Bruder, Mary	ED/Department of Education	Early Intervention Credential	08/21/2017	248,000
Bruder, Mary	ED/Department of Education	Early Childhood Personnel Center II	09/05/2017	10,000,000
Kuo, Chia-Ling	DHHS/NIH/National Institutes of Health	IPA Assignment Agreement	09/07/2017	65,213
Tennen, Howard A	DHHS/NIH/National Institutes of Health/Yale University	A Micro-longitudinal Study of Daily Risk and Protective Factors for Prescription Opioid Misuse and Overdose among Women	09/12/2017	177,193
Tennen, Howard A	DHHS/NIH/National Institutes of Health/Yale University	Intensive and longitudinal multilevel biobehavioral assessment to understand binge alcohol intake and relapse	09/13/2017	88,596
Ungemack, Jane A	Trinity Health/Saint Francis Hospital and Medical Center	UConn Evaluation of Well Being 360-Transforming Communities Initiative	09/22/2017	59,007
Cavallari, Jennifer	Harvard School of Public Health	A smartphone application for characterizing noise levels and prioritizing intervention strategies	09/26/2017	15,000
Dermatology			1 Proposals	\$58,187
Shahriari, Mona	Celgene	A Phase 3 Multi-Center, Randomized, Placebo-Controlled, Double-Blind Study of the Efficacy and Safety of Apremilast (CC-10004) in Subjects with Moderate to Severe Plaque Psoriasis of the Scalp.	09/11/2017	58,187
Diagnostic Imaging and Therapeutics			1 Proposals	\$172,296

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Wolansky, Leo I	Guerbet	"Gadolinium Deposition and washout after monthly triple-dose with Lab correlation including Urinalysis BCB and Chemistries"	08/03/2017	172,296
Family Medicine			1 Proposals	\$170,092
Henderson, David	Connecticut Health Foundation	An Intersectoral Initiative to Address Social Determinants of Health and Well-being in a Clinical Setting to Decrease Health Disparities	09/12/2017	170,092
Genetics and Developmental Biology			13 Proposals	\$17,921,394
Chamberlain, Stormy J.	Connecticut Children's Medical Center	Autism Research Center CCMC	08/29/2017	14,464
Lee, Se-Jin	DHHS/NIH/National Institutes of Health	Characterization of Myostatin and GDF-11	08/24/2017	1,509,254
Lavigne, Sharon A	DHHS/HRSA/Health Resources and Services Administration/Organization of Teratology Information Services	Reproductive and Environmental Health Network	08/21/2017	50,000
Young, Erin	DHHS/NIH/National Institutes of Health/University of Connecticut	Center for Accelerating Precision Pain Self Management	08/18/2017	38,205
Li, James Y.H	DHHS/NIH/National Institutes of Health	Molecular Regulation of Lineage Specification of The Mouse Cerebellum	08/03/2017	1,991,404
Lee, Se-Jin	DHHS/NIH/National Institutes of Health	Single-animal parabiosis using genetic methods in mice	08/01/2017	5,582,500
Pinter, Stefan F	Mallinckrodt (Edward Jr.) Foundation	Safeguarding the inactive X chromosome in human pluripotency	07/24/2017	180,000
Carmichael, Gordon G	DHHS/NIH/National Institutes of Health	Nuclear-retained noncoding RNAs	07/13/2017	2,385,693
Lavigne, Sharon A	University of California, San Diego	Asthma Medications in Pregnancy Project	09/11/2017	5,000
Young, Erin	DHHS/NIH/National Institutes of Health/University of Connecticut	Sex-specific Genetic Determinants of IBS-related Pain	09/19/2017	1,539,374
Rogina, Blanka	DHHS/NIH/National Institutes of Health	Non-Autonomous Control of Aging in Drosophila	09/26/2017	1,993,750
Machida, Kazuya	DHHS/NIH/National Institutes of Health	Development of single cell multiplexed tyrosine phosphoproteomic assay	09/21/2017	638,000
Chamberlain, Stormy J.	DHHS/NIH/National Institutes of Health	A novel therapeutic approach for Prader-Willi syndrome	09/28/2017	1,993,750
Immunology			12 Proposals	\$4,926,284
Zhou, Beiyan	DHHS/NIH/National Institutes of Health	The impact of immune cells on adipose MSCs: microRNA regulation	09/26/2017	1,993,750
Matson, Adam	DHHS/NIH/National Institutes of Health/University of Massachusetts, Amherst	Breast milk urea nitrogen is recycled by infant gut bifidobacteria	09/20/2017	156,393
Kailasan Vanaja, Sivapriya	Hood (Charles H.) Foundation	Innate Defense vs Bacterial Virulence in Hemolytic Uremic Syndrome	09/19/2017	150,000
Vella, Anthony T.	DHHS/NIH/National Institutes of Health/University of Connecticut	Determine the role of apoC-III in the immune system	09/18/2017	115,804
Puddington, Lynn	DHHS/NIH/National Institute of Allergy and Infectious Diseases/Dartmouth College	Retinoic acid in gut immune homeostasis and infection	08/23/2017	70,676
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	R753Q TLR2 and Streptococcus pneumonia infection	09/27/2017	438,625
Medvedev, Andrei	DOD/Department of Defense	The role of long non-coding RNAs in rheumatoid arthritis	07/25/2017	319,000
Haynes, Laura	DHHS/NIH/National Institutes of Health	Lymph node stroma: The highway to age-related immune impairment?	07/21/2017	438,625
Rathinam, Vijay	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Characterization of noncanonical inflammasome-mediated release of alarmins	07/11/2017	438,625
Clark, Robert B	National Multiple Sclerosis Society	TLR Tolerance in Multiple Sclerosis	07/11/2017	675,000
Adami, Alexander	DHHS/NIH/National Institutes of Health	Role of the Microbiome in Regulating House Dust-Mite Induced Asthma	09/26/2017	49,044

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Haynes, Laura	Connecticut Innovations/Multiclonal Therapeutics	Preclinical Models of Human Lung Regeneration in COPD	08/18/2017	80,742
Medicine			28 Proposals	\$36,071,723
Kim, Insoo	DHHS/NIH/National Institutes of Health/University of Connecticut	Biodegradable intracranial pressure sensor based solely on medical biomaterials	09/29/2017	177,951
Alessi, Sheila M.	DHHS/NIH/National Institutes of Health	Combining technologies to treat smokers with opioid use disorder	09/29/2017	3,618,567
Kim, Insoo	Honda R&D Americas	Pilot study on in-vehicle controls using brain computer interface technology	09/28/2017	49,972
Rash, Carla	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Reducing hazardous alcohol use in soup kitchen populations	09/28/2017	3,859,533
Dugan, Alicia	Harvard School of Public Health	Workplace Exposure and Work Ability in Breast Cancer Survivors	09/28/2017	15,000
Radolf, Justin D	Connecticut Children's Medical Center	Senior Scientific Advisor	09/26/2017	140,580
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Improving care for opioid use disorder	09/21/2017	3,856,078
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Unemployment and illicit drug use	09/19/2017	3,839,465
Clement, Jessica	Hematology/Oncology Pharmacy Association (HOPA)/University of Connecticut	Can Spinners Improve Understanding of Adverse Events in Patients with Cancer	09/13/2017	2,692
Liang, Bruce T	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Massachusetts Medical School	UCONN Health Practice Transformation Network	09/05/2017	1,794,785
Schenck, Paula	EPA/Environmental Protection Agency/Scientific Consulting Group	Webinar Contract	09/01/2017	4,200
Groshong, Ashley	Global Lyme Alliance	The Borrelia burgdorferi oligopeptide (Opp) transport system: a critical link to borrelia persistence	08/31/2017	225,000
Lo, Wai Hong	DHHS/NIH/National Institutes of Health/University of Hartford	Genetic Analysis of Hyaluronan Function during Synovial Joint Development	08/30/2017	30,000
Zajac, Kristyn	DHHS/NIH/National Institutes of Health	Seek, Test, and Reward Adolescents and Young Adults at High Risk for Acquiring HIV	08/29/2017	3,875,759
Liang, Bruce T	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Massachusetts Medical School	UCONN Health Practice Transformation Network	08/24/2017	98,306
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Reducing opioid use and HIV risk behaviors after detoxification	08/18/2017	3,825,969
Kuchel, George A	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Impact of microbiota on mucosa-associated T cells & chronic inflammation during accelerated immune ageing HIV	08/18/2017	265,409
Villagra, Victor	Community Health Center	Community and Clinical Integration Program (CCIP)	08/07/2017	30,000
Dieckhaus, Kevin D	DHHS/HRSA/Health Resources and Services Administration/University of Massachusetts Medical School	Aids Education and Training Centers Program	08/07/2017	118,563
Kuchel, George A	Novartis Pharmaceuticals	"A 29 Week, randomized, double-blind, placebo-controlled, multi-center, parallel group dose range finding study to assess the effect of monthly doses of bimagrumab 70, 210 and 700 mg on skeletal muscle strength and function in older adults with Sarcopenia"	08/07/2017	134,046
Xiao, Liping	DHHS/NIH/National Institutes of Health	Microbiome and Sickle Cell Bone Disease	08/04/2017	3,313,684
Rash, Carla	DHHS/NIH/National Institutes of Health	Smoking Cessation Treatments for Homeless Smokers	08/01/2017	3,742,508
Arnold, Andrew	DHHS/NIH/National Institutes of Health/University of Maryland	Parathyroid Tumor Clonal Status as a Biomarker in Primary Hyperparathyroidism	08/01/2017	434,472

* Awards are listed according to the tenure home of the PI on each project.

Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Lo, Wai Hong	DOD/Department of Defense	Development of Targeted Nanoscale Drug Delivery System for Osteoarthritic Cartilage Tissue	07/26/2017	298,175
Hansen, Marc F	DHHS/NIH/National Institutes of Health	Pagets Recruiter Cell Model	07/26/2017	1,993,750
Rash, Carla	State of Connecticut/Yale University	A Reinforcement Approach to Increase Use of CGM	07/20/2017	108,393
Robison, Julie	Southern Gerontological Society	Editor-in-Chief of <i>SGS's Journal of Applied Gerontology</i>	07/20/2017	114,300
Dieckhaus, Kevin D	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	Ryan White Part A Minority AIDS Initiative (MAI) SECOND INSTALLMENT (2 parts/funds Outpt Ambulatory and Tx Adherence)	07/10/2017	104,566
Molecular Biology & Biophysics			7 Proposals	\$3,427,310
Setlow, Peter	DHHS/NIH/National Institutes of Health/Tufts University	Identifying Factors that Control Germinant Sensitivity During Clostridium Difficile Spore Germination	08/30/2017	14,381
Hoch, Jeffrey C	NSF/National Science Foundation	Spokes: MEDIUM: NORTHEAST: National Center for Biomolecular NMR Data Processing and Analysis	09/13/2017	999,837
Bezsonova, Irina	DHHS/NIH/National Institutes of Health	Ubiquitin -Proteasome pathway in Cancer	09/22/2017	1,582,505
Eipper, Elizabeth A	DHHS/NIH/National Institutes of Health	Biochemistry and Physiology of Peptide Amidation	07/24/2017	47,850
Carson, John H	DHHS/NIH/National Institutes of Health	Pathogenic consequences of expansions and deletions of CGG Repeats in the FMR1 gene	07/13/2017	199,375
Torti, Suzy	DHHS/NIH/National Institutes of Health	Iron addiction and the biology of ovarian cancer	07/11/2017	334,085
Paul, Bibbin	DOD/Army/Army Medical Research Acquisition Activity	Sideroflexin4: a target for cisplatin sensitization in ovarian cancer	08/21/2017	249,277
NEAG Cancer Center (SOM)			1 Proposals	\$9,092
Baccaro, Nancy D	Connecticut Breast Health Initiative	A Brand New You	09/06/2017	9,092
Neuroscience			12 Proposals	\$5,857,275
Baumbauer, Kyle M	University of Connecticut Health Center	REP - THE ROLE OF ASIC3 IN NOCICEPTOR SENSITIZATION FOLLOWING SPINAL CORD INJURY	07/14/2017	50,000
Verma, Rajkumar	University of Connecticut Health Center	Examination of the Therapeutic Effect of Vortioxetine (VTX) in Post-stroke Depression	07/07/2017	25,000
Verma, Rajkumar	DHHS/NIH/National Institutes of Health	Pharmacological Validation of Sexually dimorphic Post-Stroke Depression Model in Aged Mice	07/07/2017	159,500
Martinelli, David C	American Hearing Research Foundation	Determination of the auditory function of the outer hair cell afferent synapses in the mammalian cochlea	07/07/2017	39,768
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health/University of Connecticut	The functional consequences of SCI on cutaneous nociceptors	07/13/2017	3,233
Levine, Eric S	DHHS/NIH/National Institutes of Health	The role of BDNF-trkB signaling in Angelman syndrome pathophysiology	07/25/2017	438,625
Crocker, Stephen J.	National Multiple Sclerosis Society	Cellular Senescence in Neural Progenitor Cells Limits CNS Remyelination	07/25/2017	647,200
Guzzo, Rosaria M	DHHS/NIH/National Institutes of Health	Interrogating the role of histone methylation for stage-specific regulation of cartilage development	09/18/2017	1,989,585
Mains, Richard	DHHS/NIH/National Institutes of Health	Cell Biology of Bioactive Peptide Secretion	09/18/2017	355,538
Antic, Srdjan D	DHHS/NIH/National Institutes of Health/State University of New York	Embedded Ensemble Encoding	09/20/2017	155,076
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Epigenetic and transcriptional regulation of axon growth and regeneration in the CNS	09/25/2017	1,993,750

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Antic, Srdjan D	Univ. of Belgrade / European Commission	Automated Functional Screening of IgGs for Diagnostics of Neurodegenerative Diseases	09/28/2017	0
Obstetrics and Gynecology			1 Proposals	\$29,750
Brewer, Molly A.	Burroughs Wellcome Fund	A Roadmap to the Development of Physician Scientists in Women's Health: Bridging the Gap from Bench to Bedside	09/20/2017	29,750
Orthopaedic Surgery			15 Proposals	\$7,494,282
Laurencin, Cato	DHHS/NIH/National Institutes of Health/University of Connecticut	Building Infrastructure Leading to Diversity (BUILD) Initiative/Building Scholars Program	07/11/2017	35,370
Walker, Joseph	DHHS/NIH/National Institutes of Health/University of Connecticut	Pain Sensitivity in Low Back Pain	09/21/2017	65,455
Laurencin, Cato	DOD/Department of Defense	Engineered Conducting Polymer Constructs for Volumetric Muscle Loss Treatment - OR170360	09/19/2017	750,000
Laurencin, Cato	DOD/Department of Defense	Injectable Stem Cell-Hydrogel Systems for Knee Osteoarthritis Treatment OR170417	09/19/2017	750,000
Kia, Cameron	Orthopaedic Research and Education Foundation	Intra-articular Ketorolac versus Corticosteroid versus Hyaluronic Acid for Knee Osteoarthritis	09/15/2017	2,700
Arciero, Robert A	DOD/Department of Defense/University of Connecticut	Improving Soldier Readiness After Traumatic Joint Injury by Targeting Neuromuscular Deficits	09/13/2017	98,510
Kumbar, Sangamesh G.	DOD/Department of Defense	Biodegradable Nanocomposites for Regeneration of Large Segmental Bone Defects	09/13/2017	1,337,380
Nukavarapu, Syam	DOD/Department of Defense	Articular Cartilage Regeneration via Resident Chondroprogenitor: mechanisms and utility for healing articular cartilage	09/27/2017	1,195,856
Mazzocca, Augustus	Arthrex	Arthrex Orthopaedic Research 2018	09/12/2017	387,891
Mazzocca, Augustus	Arthrex	Arthrex Fellowships 2017-2018	09/12/2017	78,278
Khan, Yusuf M	NSF/National Science Foundation	EAGER: Transdermal Acoustic Radiation Force for Bone Regeneration	07/21/2017	200,000
Nukavarapu, Syam	DOD/Department of Defense	Inductive Matrix For Bone	07/11/2017	318,890
Sanjay, Archana	DHHS/NIH/National Institutes of Health	Signaling Mechanisms Regulating Osteoclast Function	09/28/2017	2,170,085
Nair, Lakshmi S.	Osteo Science Foundation	Optimization of composite PRP delivery system for craniofacial Tissue Regeneration	09/25/2017	100,000
Mazzocca, Augustus	Arthrex	Adhesive and proliferative properties of bursa, tendon, bone and adult mesenchymal stem cells on Amnion strips	09/21/2017	3,867
Pathology And Lab Medicine			1 Proposals	\$8,506
Sharafieh, Roshanak	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Wayne State University	Development of Blood Biomarkers for Clinical Management of Diabetic Foot Ulcers	08/04/2017	8,506
Pediatrics			3 Proposals	\$34,076
Salazar, Juan C.	DHHS/Office of Adolescent Health/City of Hartford, CT	Hartford Teenage Pregnancy Prevention Initiative (HTTP) Community Mobilization	09/19/2017	5,000
Salazar, Juan C.	DHHS/Office of Adolescent Health/City of Hartford, CT	Hartford Teenage Pregnancy Prevention Initiative (HTTP)/Evidence Based Intervention Partners	09/19/2017	15,000
Salazar, Juan C.	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	HIV/HCV Co-Infection Project (Data Migration for CAREWare)	07/19/2017	14,076
Psychiatry			11 Proposals	\$16,376,530

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Steffens, David C.	DHHS/AHRQ/Agency for Healthcare Research and Quality/University of Connecticut	Treatment of Depression in Older Adult	09/19/2017	20,000
Wang, Lihong	DHHS/NIH/National Institutes of Health	Effect of Stress Across the Lifespan on Brain Aging and Cognitive Decline	09/25/2017	2,900,935
Kaminer, Yifrah	DHHS/NIH/National Institutes of Health	Testing the efficacy of incentive, family, and m-health intervention components for adolescent cannabis use	09/13/2017	4,004,622
Kaminer, Yifrah	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Cont'd Care for Youth with Alcohol and/or Cannabis Use Disorder and Co-Occurring Depression	09/11/2017	3,763,267
Kamath, Jayesh	Janssen Biotech	"A Double-blind, Randomized, Placebo-controlled Study to Evaluate the Efficacy and Safety of Intranasal Esketamine in Addition to Comprehensive Standard of Care for the Rapid Reduction of the Symptoms of Major Depressive Disorder, Including Suicidal Ideation, in Adult Subjects Assessed to be at Imminent Risk for Suicide"	08/22/2017	0
Ford, Julian D	DHHS/HRSA/Health Resources and Services Administration/CT Department of Mental Health and Addiction Services	Disaster Behavioral Health Response Network	07/28/2017	790,085
Connor, Daniel F	CT Court Support Services Division	Quality Assurance of the Mental Health Education Services for the Juvenile Justice Population	09/19/2017	152,900
Ginsburg, Golda S	ED/Department of Education	Enhancing the Capacity of School Nurses to Reduce Excessive Anxiety in Children: An Efficacy Trial of the CALM...	07/27/2017	3,300,000
Pearson, Geraldine	CT Court Support Services Division	Emily J Homecare Project	07/24/2017	121,800
Brockett, Daniel R	CT Department of Mental Health and Addiction Services	Development of Behavioral Health Performance Measures	07/20/2017	1,277,743
Briggs-Gowan, Margaret	Johnson (Robert Wood) Foundation/Child First	Replication of the Child First System of Care	07/06/2017	45,178
Surgery			3 Proposals	\$2,232,532
Smith, Phillip	DHHS/NIH/National Institutes of Health/University of Connecticut	Targeting Lumbosacral DRG to Manage Visceral Pain in IBS	09/28/2017	231,608
Smith, Phillip	DHHS/NIH/National Institutes of Health	Non-Autonomous Aging Detrusor as a Response to Urothelial Factors	09/29/2017	2,000,924
Smith, Phillip	DHHS/NIH/National Institutes of Health/University of Connecticut	Mechanisms of DRG Stimulation to Modulate Visceral Afferent Function	07/10/2017	0
UConn Center on Aging			1 Proposals	\$5,000
Holmes, Courtney D	EPA/Environmental Protection Agency/Gerontological Advanced Practice Nurses Association	Quality Improvement of Geriatric Nursing Chronic Care Management Program	09/21/2017	5,000
Other UConn Health			3 Proposals	\$2,081,355
Other UConn Health			3 Proposals	\$2,081,355
Morosky, Christopher M.	Association of Professors of Gynecology and Obstetrics Medical Education Foundation	Women's Health Basic Science Educational Videos	07/10/2017	50,000
Brownell, Elizabeth	AMAG Pharmaceuticals/Connecticut Children's Medical Center	Synergistic relationship between fucosyltransferase 2 genotype of maternal milk and offspring genotype as related bioactive components of maternal milk and pup gut colonization a preliminary mechanistic mouse study	08/29/2017	37,605
Inaba, Mayu	DHHS/NIH/National Institutes of Health	Nanotube-mediated regulation of niche-stem cell signaling	09/28/2017	1,993,750
University of Connecticut Health			158 Proposals	\$135,703,098
Grand Total			517 Proposals	\$294,288,210

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Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
College of Agriculture, Health and Natural Resources			47 Proposals	\$12,419,950
Agricultural and Resource Economics			3 Proposals	\$654,474
Bovay, John	USDA/National Institute of Food and Agriculture	Implications for Market Structure and Farm Profitability of Expanded Production of Food in Greenhouses in the Northeast to Serve Local Markets	07/06/2017	499,967
Bravo-Ureta, Boris E	USAID/US Agency for International Development/Palladium Group Holdings	Cost-Benefit Analysis of Drip Irrigation and Alternative Management Practices for Groundnut Production in Malawi: Phase I	08/07/2017	40,000
Dunn, Richard A	USDA/National Institute of Food and Agriculture/University of Wisconsin, Madison	New Geographies for Understanding U.S. Rural Business Dynamics	07/24/2017	114,507
Agriculture and Natural Resources Dean			8 Proposals	\$4,453,226
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Animal Health and Disease Research	07/18/2017	20,312
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Expanded Food and Nutrition Education Program (EFNEP)	09/08/2017	538,634
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Hatch Formula Program	09/07/2017	790,934
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Hatch Multistate Formula Program	09/07/2017	482,569
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 McIntire-Stennis Cooperative Forestry Research Program	09/14/2017	108,543
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Renewable Resources (RREA)	09/28/2017	46,448
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Smith-Lever 3(b)(C)	09/28/2017	2,230,342
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	Inhibiting Horizontal Gene Transfer of Antibiotic Resistance Between MDR Salmonella and Commensal Bacteria by Phytochemicals	07/06/2017	235,444
Animal Science			2 Proposals	\$358,077
Amalaradjou, Mary A	Foundation for Food and Agriculture Research	In-Ovo and In-Feed Supplementation of Probiotics to Promote Bone Health in Layers	08/02/2017	356,577
Nadeau, Jenifer	American Youth Horse Council	Greenways Ambassador in Training (GAIT) Program	09/28/2017	1,500
Extension			6 Proposals	\$565,692
Bartholomew, Candace L	Pennsylvania State University	Pilot Testing of Hands-on Respirator Fit Testing Train the Trainer and Development of Companion Respirator Educational Training Materials	09/01/2017	17,850
Bonelli, Joseph A	USDA/Risk Management Agency	Crop Insurance and Risk Management Education for Connecticut Farmers and Growers 2017-2018	07/07/2017	231,000
Dietz, Michael E	Water Environment Research Foundation	Influence of Road Salts on Radioactive Elements in Drinking Water	07/11/2017	119,941
Fusco-Rollins, Maryann J	National 4-H Council	UConn 4-H Common Measures 2.0 Challenge Cohort	09/22/2017	52,665
Gray, Pamela M	USDA/National Institute of Food and Agriculture/University of Kansas	CT 4-H Military Partnership	09/29/2017	22,500
Valiquette, Edith L	National 4-H Council	CT 4-H Mentoring Project	09/22/2017	121,736
Kinesiology			6 Proposals	\$1,534,034
Casa, Douglas J	Hartford Public Schools, CT	Relationship between SMSA (Hartford Public Schools) and the University of Connecticut	08/15/2017	24,599
Casa, Douglas J	National Basketball Association	NBPA and NBA Partnership with University of Connecticut for Wearable Device Validation and Review	09/28/2017	623,425
Casa, Douglas J	National Collegiate Athletic Association	NCAA Soccer Periodization Study Part II	09/12/2017	249,997

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Casa, Douglas J	National Operating Committee on Standards for Athletic Equipment/University of North Carolina, Chapel Hill	Advancing Catastrophic Sport Injury Research through Detailed Investigations and Record Abstraction: National Center for Catastrophic Sport Injury Research (NCCSIR)	08/24/2017	16,000
Harrison, Steven J	NSF/National Science Foundation	Collaborative Proposal: Locomotion Perception	07/31/2017	485,039
Lepley, Adam S	DOD/Department of Defense/Halo Neuroscience	Neurostimulation to Accelerate Recovery from Physical Injury	09/27/2017	134,974
Natural Resources and the Environment			3 Proposals	\$334,273
Rittenhouse, Chadwick D	DOI/United States Fish and Wildlife Service/CT Department of Energy and Environmental Protection	Urban Forestry Outreach Project	08/14/2017	29,163
Rittenhouse, Tracy A	NSF/National Science Foundation	Collaborative Proposal: Linking Environmental Challenges to the Likelihood and Severity of Epidemics: A View Through the Shifting Window of Susceptibility	08/02/2017	295,111
Yang, Xiusheng	USDA/National Institute of Food and Agriculture/Vecna Technologies	Stackable Farming for Economically and Environmentally Sustainable Urban Food Production	09/15/2017	9,999
Nutritional Sciences			5 Proposals	\$2,040,863
Chun, Ock K.	DHHS/NIH/National Institutes of Health	Is Racial Health Disparity in Prostate Cancer Risk Attributable to Antioxidant Intake?	07/13/2017	440,875
Chun, Ock K.	DOD/Department of Defense	Does Differential Antioxidant Intake Explain Disparity in Prostate Cancer Risk between African American and Caucasian American Men?	09/21/2017	722,385
Chun, Ock K.	Nutricia Research Foundation	Do Furocoumarins in Diets Predict Skin Cancer Risk?	09/15/2017	59,272
Kohan, Alison	DOD/Department of Defense	ApoC-III Protects Against Experimental Colitis by Stimulating Intestinal Tregs: Is this a Potential Treatment for IBD?	08/02/2017	318,342
Luo, Yangchao	USDA/National Institute of Food and Agriculture	Natural Biomaterials-Based Nanodelivery System As A Novel Dietary Approach For Enhancing Antiinflammatory Bioactivity Of Astaxanthin	07/06/2017	499,989
Pathobiology			4 Proposals	\$698,420
Risatti, Guillermo	DOD/Defense Threat Reduction Agency/Laboratory of the Ministry of Agriculture of Georgia	Comprehensive Research for Detecting Origin and Distribution of Peste des Petits Ruminants (PPR) in Georgia, Armenia, and Azerbaijan	09/14/2017	226,461
Risatti, Guillermo	USDA/Agricultural Research Service	Development of Recombinant African Swine Fever Virus (ASFV) Attenuated Viruses Containing Multiple Deletions for Use as Vaccine Candidates	08/18/2017	84,450
Smyth, Joan	USDA/Animal and Plant Health Inspection Service	CT NAHLN FY 17 level 2 Member Lab Agreement	07/20/2017	68,509
Szczepanek, Steven M	DOD/Department of Defense	Overcoming Persistent Safety Roadblocks with a Novel Mycoplasma Pneumoniae Vaccine	08/02/2017	319,000
Plant Science and Landscape Architecture			10 Proposals	\$1,780,891
Allan-Perkins, Elisha B	USDA/National Institute of Food and Agriculture	Interactive Effects of Manganese and Pseudomonas Putida on Disease Suppression in Iron Sequestration Type I and Type II Plants	07/12/2017	267,028
Berkowitz, Gerald	NSF/BIO/Directorate for Biological Sciences	Unraveling a New Signaling Pathway for Brassinosteroids: Use of A Novel Biosensor for Localized cAMP Elevation to Link Cyclic Nucleotide, Ca2+ and Plant Steroid Signal Transduction	08/04/2017	665,582
Brand, Mark H	USDA/Agricultural Marketing Service/University of Nebraska	Improving Aronia Berry Sustainability and Fruit Quality	09/22/2017	99,824
Concklin, Mary E	USDA/National Institute of Food and Agriculture/North Carolina State University	iPiPE: CT Grape Component	09/19/2017	39,125
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Biological Control of Mile-A-Minute Weed (Persicaria Perfoliata) with Rhinoncomimus Latipes	07/12/2017	1,500

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Cooperative Agricultural Pest Survey (CAPS) Survey for FY2017	09/14/2017	2,848
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Forest Pest Outreach	07/12/2017	5,000
Kuzovkina-Eischen, Yulia	USDA/National Institute of Food and Agriculture	Developing Strategies for Maximizing the Health and Size of On-Site Native Pollinator Populations for Crops Requiring Sonication Pollination	08/09/2017	300,000
Raudales Banegas, Rosa E	USDA/National Institute of Food and Agriculture	Improving the Use of Organic Compounds for Greenhouse Production	08/09/2017	299,984
Schulthess, Cristian P	DOS/Department of State	Impact of Salt Intrusion on Food Security in Cuba: A Study on the Impact of Soil Salinity on Plant and Animal Disease Occurrence	08/15/2017	100,000
College of Liberal Arts and Sciences			106 Proposals	\$45,758,763
Anthropology			2 Proposals	\$38,554
McBrearty, Sally A	Leakey (Louis S.B.) Foundation	Using Phytoliths to Reconstruct Hominin Adaptations and Microhabitats During the Acheulian-MSA Transition in the Kapthurin Formation, Kenya	07/14/2017	14,350
Smith, Chrystal A	NSF/National Science Foundation/University of South Florida	Understanding How the Educational Environment Promotes STEM Student Learning	09/11/2017	24,204
Chemistry			6 Proposals	\$2,800,157
Gascon, Jose	NSF/National Science Foundation	REU Site: Chemistry at the University of Connecticut	08/23/2017	356,470
He, Jie	American Chemical Society	Polymeric Foldamers Containing Multicopper Sites for Phenol Hydroxylation under Aerobic Conditions	09/19/2017	110,000
He, Jie	NSF/National Science Foundation	CAREER: Design of Polymeric Foldamers Incorporated with Metal-Thiolate Complexes for CO2 Photoreduction	07/14/2017	690,176
Hren, Michael	NSF/BIO/Directorate for Biological Sciences	Collaborative Research: Reconciling Carbon Cycling in Alluvial Rivers	08/02/2017	592,551
Mani, Tomoyasu	Japan Science and Technology Agency	Plane-Selection Optical Imaging by Magnetically Controlled Optical Probes	07/31/2017	431,789
Rouge, Jessica	NSF/National Science Foundation	CAREER: DNA Programmable Peptide-Crosslinked Nanocapsules: Delivering Cargos to Cells and Research Experiences to High School Students	07/20/2017	619,171
Ecology and Evolutionary Biology			12 Proposals	\$4,648,333
Goffinet, Bernard	NSF/BIO/Directorate for Biological Sciences	Collaborative Proposal: Diversity of Physcomitrium Pyriforme in North America and Europe: Significance of Autopolyploidy within a Phylogenomic and Experimental Framework	07/28/2017	605,327
Jockusch, Elizabeth L	American Philosophical Society	A Tale of Two Morphs: Testing the Adaptive nature of Bright Juvenile Tail Coloration and its Impact on Reproductive Isolation in Californian Skinks (Plestiodon)	07/03/2017	4,300
Jockusch, Elizabeth L	NSF/National Science Foundation	From Trees to Networks: the Effects of Reticulate Evolution in a Widespread Lizard Species Complex	08/02/2017	507,723
Knutie, Sarah A	NSF/BIO/Directorate for Biological Sciences	Collaborative Proposal: Host Microbiota as a Mediator of Anthropogenic Factors, Immune Responses, and Infectious Disease Interactions	08/03/2017	581,272
Schultz, Eric T	CT Department of Energy and Environmental Protection	Assessment of Alternative Regulations for Tautog Recreational and Commercial Fisheries in Long Island Sound	09/14/2017	3,734
Schultz, Eric T	DOC/NOAA/National Marine Fisheries Service	Reproductive Dynamics and Population Biology of Blueback Herring, a Listed Fish Species	08/31/2017	39,685
Schultz, Eric T	National Commission for Scientific and Technological Research (CONICYT)	Do Dirty Fish Grow Better? Influence of Eutrophication on Fish Production	09/14/2017	16,000

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Tingley, Morgan W	NSF/BIO/Directorate for Biological Sciences	Collaborative Research: Multi-Decadal Responses of Plant and Bird Communities to Environmental Change in the Southern Appalachian Mountains	07/31/2017	297,389
Urban, Mark C	NSF/BIO/Directorate for Biological Sciences	Collaborative Proposal: Does Frequency-Dependent Selection Rescue Rare Immigrants from Divergent Selection?	07/28/2017	124,537
Wegrzyn, Jill L	NSF/BIO/Directorate for Biological Sciences	Collaborative Research: ABI Innovation: Enabling Association Mapping and Landscape Genomics for Plants through the Advanced Integration of Genotype, Phenotype, and Geospatial Data	09/08/2017	641,935
Wegrzyn, Jill L	NSF/BIO/Directorate for Biological Sciences/Pennsylvania State University	RESEARCH-PGR: Advanced Genomic and Genetic Resources to Bridge Genome to Phenome in Hardwood Trees	07/14/2017	1,238,387
Yuan, Yaowu	NSF/National Science Foundation	Developmental Genetics of Corolla Tube Formation: A Key Morphological Innovation During Angiosperm Evolution	08/04/2017	588,044
Geography			3 Proposals	\$500,971
Atkinson-Palombo, Carol	DOT/Department of Transportation/University of North Carolina, Charlotte	A GIS-Based Analysis of Neighborhood-Factors Influencing Ride-Share Usage	08/22/2017	59,868
Atkinson-Palombo, Carol	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	A Mixed-Method Analysis of Ride-Share Usage in New York City to Understand the Implications of Public Transportation	09/07/2017	398,832
Park Boush, Lisa	NSF/GEO/Directorate for Geosciences/University of Arkansas	Low Versus High Latitude Continental Climatic Effects of the Central Atlantic Magmatic Province on the End Triassic Extinction Event	09/15/2017	42,271
Integrative Geoscience			1 Proposals	\$560,431
Hren, Michael	NSF/National Science Foundation	CAREER: Organic Molecular Paleohypsometry: A New Approach to Quantifying the Topographic History of the Most Rapidly Eroding Mountain Belt on Earth	07/21/2017	560,431
Linguistics			2 Proposals	\$874,949
Bobaljik, Jonathan	NSF/National Science Foundation	The Bogoraz 1901 Notebooks	09/15/2017	40,322
Lillo-Martin, Diane C	DHHS/NIH/National Institutes of Health/Gallaudet University	Family ASL: L2 Sign Acquisition by Hearing Parents of Deaf Children	09/25/2017	834,627
Marine Sciences			16 Proposals	\$7,586,576
Baumann, Hannes	NSF/National Science Foundation	Collaborative Research: The Genomic Underpinnings of Local Adaptation Despite Gene Flow Along a Coastal Environmental Cline	08/15/2017	325,388
Baumann, Zofia A	NSF/National Science Foundation	Collaborative Research: Investigating the Role of Marine Aggregates in Formation of Methylmercury in the Surface Ocean	08/15/2017	972,627
Cabaniss, Joseph T	Boston University	Charter of R/V Weicker by Boston University	08/07/2017	7,082
Cifuentes-Lorenzen, Alejandro	NSF/National Science Foundation	Collaborative Research: An Investigation of Energy Exchange Across the Air-Sea Interface in the Presence of Surface Gravity Waters through Measurement of Dissipation, Production, and Transport of TKE	08/15/2017	815,815
Dierssen, Heidi M	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences/University of Texas, Rio Grande Valley	Exploring the Spatiotemporal Complexities in Coverage, Composition, Biomass, and Carbon Stocks of Seagrass Meadows	08/30/2017	137,104
Edson, James B	NSF/National Science Foundation	Collaborative Research: Investigation of Air-Sea Interaction and Surface Fluxes at Moderate to High Wind Speeds Using OOI Data	08/15/2017	385,607
Lin, Senjie	NSF/BIO/Directorate for Biological Sciences	Collaborative Research: Understanding the Cause of Increasing Noctiluca Blooms in Arabian Sea: Hypoxia Versus Grazing	08/04/2017	362,080
Lin, Senjie	NSF/National Science Foundation	Sex for Proliferation - An Alternative Fate of Sexual Reproduction in Dinoflagellates	08/15/2017	562,944

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Lombardo, Kelly	NSF/National Science Foundation	CAREER: The Response of Coastal Squall Line Dynamics to Climate Change	07/18/2017	583,701
Mason, Robert	NSF/National Science Foundation	Collaborative Research: Constraining the Role of Redox Chemistry in the Cycling of Hg at the Arctic Ocean Air-Sea Interface	07/10/2017	420,460
McManus, George B	NSF/National Science Foundation	NSFGEO-NERC: Ciliate Mixotrophy in a Coastal Food Web: An Integrated Experimental, Modeling, and Molecular Study	08/14/2017	591,749
Skoog, Annelie	NSF/National Science Foundation	We Sorely Need Compound-Specific Methods for the Marine DON Pool: A Method for Hydroxylamine-Compound Concentration Determinations	08/14/2017	415,901
Tobias, Craig R	NSF/National Science Foundation	Collaborative Research: Linking Organic Matter Composition to Shifting Baselines in the Coastal Sedimentary Nitrogen Cycle	08/04/2017	410,171
Ward, J E	NSF/National Science Foundation	NSF-IOS-BSF: Mediation of Biological Filtration in Marine Suspension Feeders: Significance of Intrinsic and Extrinsic Factors	08/03/2017	840,029
Whitney, Michael	DOC/NOAA/Oceanic and Atmospheric Research	Assessing and Improving Coastal Freshwater Transport and Mixing Processes in CMIP6-ERA Earth System Models	09/11/2017	358,447
Whitney, Michael	NSF/National Science Foundation	Collaborative Research: River Plume Fracture - Formation, Erosion and Decoupling of a Frontal Water Mass	08/15/2017	397,471
Mathematics			9 Proposals	\$3,621,940
Akman, Murat	NSF/MPS/Directorate for Mathematical and Physical Sciences	Problems in (Non)Linear Potential Theory of Elliptic PDEs	09/29/2017	117,271
Dzhafarov, Damir	NSF/MPS/Directorate for Mathematical and Physical Sciences	FRG: Collaborative Research: Reverse Mathematics and Computability Theory of Combinatorial Principles	09/13/2017	521,629
Dzhafarov, Damir	NSF/National Science Foundation	CAREER: Computability Theory, Combinatorics, Complexity, and Beyond	07/18/2017	669,267
Gan, Guojun	NSF/National Science Foundation	CAREER: Scalable Clustering Algorithms for Large High-Dimensional Data	07/17/2017	469,213
Huang, Lan-Hsuan	Simons Foundation	Geometry of General Relativity	09/27/2017	106,346
Li, Zhongyang	NSF/National Science Foundation	CAREER: Two-Dimensional Dimer Model, Limit Shape and Integrable Probability	07/21/2017	450,000
Mostovyi, Oleksii	NSF/National Science Foundation	CAREER: Stability and Asymptotic Analysis of the Optimal Investment Problem in Incomplete Markets	07/21/2017	521,400
Wu, Damin	Simons Foundation	Negatively Curved Complex Geometry	09/28/2017	101,275
Xiao, Liang	NSF/National Science Foundation	CAREER: Slopes of P-Adic Modular Forms	07/21/2017	665,539
Molecular and Cell Biology			10 Proposals	\$4,565,432
Broderick, Nichole	DHHS/NIH/National Institutes of Health	Establishing the Intimate Link between Immunity and Digestion	09/08/2017	
Cole, James L	Connecticut Innovations/Yale University	Mechanistic Analysis of Small Molecule PKR Activators	09/29/2017	10,000
Cole, James L	Connecticut Innovations/Yale University	Structural Analysis of Small Molecule PKR Activators	09/29/2017	10,000
Goldhamer, David J	Keros Therapeutics	Testing of Keros Lead Compounds	08/22/2017	101,559
Lynes, Michael A	Ciencia	Novels Assays for Screening the Effects of > Chemical Toxins on Cell Differentiation	09/26/2017	750,000
Malone, John H	NSF/National Science Foundation	NSF CAREER: The Role of Male Contest Competition in the Evolution of Heteromorphic Sex Chromosomes	07/19/2017	1,330,516
Nyholm, Spencer V	NSF/National Science Foundation	Collaborative Research: Unraveling Environmental and Evolutionary Drivers of Diversity Using Beneficial Microbes and their Animal Hosts	08/15/2017	412,804

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
O'Neill, Rachel J	DOD/Department of Defense/Duke University	The Role of Satellite DNA Variation as a Driver and Biomarker of Aneuploidy in Ovarian Cancer	08/10/2017	132,678
Zhang, Ping	DHHS/NIH/National Institutes of Health	Discovery of Critical Gene Interactions and Pathways that Mediate Neurodegeneration	07/05/2017	1,807,875
Zweifach, Adam	Connecticut Innovations/Yale University	Inhibitors of Hexokinase 2	08/30/2017	10,000
Philosophy			1 Proposals	\$21,000
Bar-On, Dorit	American Council of Learned Societies	Emotions, Expressions, and the Origins of Meaning	09/27/2017	21,000
Physics			11 Proposals	\$2,402,969
Berrah, Nora	RIKEN, The Institute of Physical and Chemical Research	RHIC Physics Fellow Program	08/23/2017	181,571
Cormier, Vernon F	NSF/National Science Foundation	Seismic Signatures of Inner Core Solidification	08/02/2017	333,887
Cote, Robin J	NSF/MPS/Directorate for Mathematical and Physical Sciences	Molecular Ions: An Hybrid Atom-Ion Platform to Generate Quantum States	07/05/2017	44,999
McCarron, Daniel	DOD/Department of Defense	Apparatus for Laser Cooling and Trapping a New and Improved Class of Molecule	07/07/2017	275,000
Sinkovic, Boris	DOE/Department of Energy/Los Alamos National Laboratory	Magnetic Topological Matter	07/07/2017	359,949
Tease, Katherine E	Connecticut Space Grant College Consortium	Shaping Up COSMOS-DASH: Releasing a Public Morphological Catalog to the Astronomical Community	09/11/2017	10,000
Tease, Katherine E	Space Telescope Science Institute	Completing the Legacy of Hubble's Wide/Deep Fields: An Aligned Complete Dataset of 1220 Orbits on the GOODS-N/CANDELS-N Region	08/10/2017	131,497
Tease, Katherine E	Space Telescope Science Institute/University of Pittsburgh	NOBRAINER: Nirspec Observations at Low-Resolution Allowing Innovation	08/18/2017	158,967
Tease, Katherine E	Space Telescope Science Institute/University of Pittsburgh	PRIMER: Public Release Imaging for Extragalactic Research	08/18/2017	128,876
Trallero, Carlos	DOD/Navy/Office of Naval Research	Generation of Intense, Carrier-Envelope-Phase-Stable Few-Cycle Pulses in the Long-Wavelength-Infrared	07/07/2017	600,000
Trump, Jonathan R	Space Telescope Science Institute	Ultraviolet Echoes of Quasar Accretion Disks	08/10/2017	178,223
Physiology and Neurobiology			9 Proposals	\$8,654,360
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	Understanding the Role of Minor Intron Splicing in Cortical Development	07/05/2017	2,488,065
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Determining the Mechanism of Photoreceptor-Induced Retinal-Pigmented Epithelium Atrophy	08/22/2017	59,036
Mulkey, Daniel K	DHHS/NIH/National Institutes of Health	Role of P2Y2 in the Regulation of Vascular Tone and Control of Breathing	08/08/2017	132,132
Mulkey, Daniel K	Dravet Syndrome Foundation	Disordered Breathing Contributes to SUDEP in a Mouse Model of Dravet Syndrome	09/05/2017	150,000
Nishiyama, Akiko	DHHS/NIH/National Institutes of Health	LncRNA and Chromatin Remodeling in Direct Neuronal Reprogramming from NG2 Glial Cells	07/05/2017	2,343,203
Nishiyama, Akiko	National Multiple Sclerosis Society	The Role of NG2 Cells at the Node of Ranvier	08/16/2017	576,732
Wang, Li	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/Indiana University	Novel Animal Models to Study miRNA-Mediated Alcoholic Liver Disease	09/19/2017	884,225
Wang, Li	DHHS/NIH/National Institutes of Health	Cytochrome P450 4A as New Regulator of Alcoholic Fatty Liver	07/21/2017	2,008,750

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Wang, Li	VA/Connecticut Healthcare System	IPA VA Connecticut Healthcare System	09/14/2017	12,217
Political Science			2 Proposals	\$1,132,219
Kashwan, Prakash	NSF/National Science Foundation	CAREER: Climate Governance in an Unequal World: A Coupled Natural and Human Systems Approach	07/21/2017	782,433
Scruggs, Lyle A	NSF/National Science Foundation	Comparative Welfare Entitlements Project	08/15/2017	349,786
Psychological Sciences			13 Proposals	\$6,337,434
Barnes-Farrell, Janet L	DOT/Federal Railroad Administration (FRA)/Short Line Safety Institute	Short Line Safety Institute (SLSI)	09/11/2017	80,000
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health/Women and Infants Hospital of Rhode Island	The Low-Verbal Investigatory Survey (L-VIS) for Autism - Exploring the Validity of a Measure of Communicative Capacity in Minimally Verbal Children with Autism	09/20/2017	48,333
Hancock, Roeland	DHHS/NIH/National Institutes of Health/University of California, Davis	Neural Phenotypes of Females with Autism Spectrum Disorder	08/11/2017	4,544
Hancock, Roeland	DHHS/NIH/National Institutes of Health/University of California, San Francisco	Neural Mechanisms Underlying Compensation in Dyslexia	09/20/2017	344,099
Hancock, Roeland	DHHS/NIH/National Institutes of Health/University of California, San Francisco	Neurochemistry as a Moderator of Brain Networks for Reading	09/01/2017	6,061
Hancock, Roeland	DHHS/NIH/National Institutes of Health/University of California, San Francisco	Understanding Literacy Acquisition through Immersion in Foreign Languages	09/18/2017	2,021
Landi, Nicole M	DHHS/NIH/National Institutes of Health	Systems for Category Learning in Specific Reading Comprehension Deficit	08/08/2017	132,132
Leach, Colin W	NSF/National Science Foundation	Reconsidering the Experience and Motivation of Shame	07/24/2017	535,149
Leach, Colin W	NSF/National Science Foundation	Visceral Reactions to Police Force and Black Protest	07/17/2017	524,350
Magnuson, James S	NSF/National Science Foundation	Computational Approaches to Human Spoken Word Recognition	08/01/2017	602,266
Park, Crystal	DHHS/NIH/National Institutes of Health	Effects of Psychological Trauma and Cognitive Appraisals on Cardiovascular Stress Reactivity	08/08/2017	88,088
Rueckl, Jay G	ED/Institute of Education Sciences/Florida State University	The Role of Lexical Feedback in Children's Complex Word Reading and Spelling Development: An Item-Level and Computational Approach to Identifying Malleable Factors	08/07/2017	373,112
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health	The Role of Heterosynaptic Plasticity in Modulating Regimes of Learning	07/18/2017	3,597,279
Sociology			1 Proposals	\$334,980
Voyer, Andrea M	NSF/National Science Foundation	The Mythical Norm Then and Now: Emily Post and 95 Years of the Etiquette of Inequality	08/15/2017	334,980
Speech, Language and Hearing Sciences			4 Proposals	\$822,786
Coelho, Carl A	DHHS/NIH/National Institutes of Health	Priming Cognitive-Linguistic Processes in Persons with Traumatic Brain Injury	08/08/2017	88,088
Friesen, Lendra	American Hearing Research Foundation	Rate Discrimination in Cochlear Implant Users	08/15/2017	20,000
Skoe, Erika	American Hearing Research Foundation	Neurobiological Indices of Sound Exposure in the Clinically Normal Ear	08/15/2017	40,000
Spaulding, Tammie J	ED/Institute of Education Sciences/University of Arizona	Improving Science Vocabulary Acquisition for Early Elementary Students: Exploring Input Variability and Learner Characteristics	08/15/2017	674,698
Statistics			4 Proposals	\$855,672

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Wang, Haiying	NSF/MPS/Directorate for Mathematical and Physical Sciences	FRG: Collaborative Research: Information-Based Subdata Selection	09/13/2017	388,098
Wang, Xiaojing	NSF/National Science Foundation	Statistical Advances in Latent Trait Analysis for Large-Scale Longitudinal Data	09/26/2017	344,521
Yan, Jun	After	After, Inc. Project	08/16/2017	23,053
Zhang, Yuping	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Leveraging Diverse Biomedical Data to Decipher Tumorous Aberrations	09/01/2017	100,000
NEAG School of Education			16 Proposals	\$12,876,686
Curriculum and Instruction			2 Proposals	\$82,809
Gabriel, Rachael	Spencer Foundation	Expanding Understandings of Disciplinary Literacy Development	08/01/2017	49,809
Gabriel, Rachael	Windsor Public Schools, CT	Inquiry for Literacy Improvement	08/30/2017	33,000
Education Dean			1 Proposals	\$2,499,893
Kersaint, Gladis	NSF/EHR/Directorate for Education and Human Resources	The Effects of Social Capital and Cultural Models on the Degree Attainment of Women and Minorities and their Experiences in Engineering Workplace	09/14/2017	2,499,893
Educational Leadership			3 Proposals	\$639,363
Donaldson, Morgaen	Nellie Mae Education Foundation	Teacher Leadership - Promising Programs, Systems, and Practices	07/28/2017	449,772
Dougherty, Shaun M	MA Department of Elementary and Secondary Education	Supply and Demand Analysis of Massachusetts Chapter 74 Programs	07/27/2017	140,930
Weiner, Jennie	Spencer Foundation	Leading While Black (and Female): Exploring Intersectionality and the Lived Experiences of Black, Female School Leaders	08/01/2017	48,661
Educational Psychology			10 Proposals	\$9,654,621
Bray, Melissa A	Glastonbury Public Schools, CT	School Psychology Graduate Intern - Marya Reyes-Ruiz	09/12/2017	18,040
Coyne, Michael D	ED/Institute of Education Sciences	New England Integrated MTSS Network Team	09/21/2017	3,997,045
Hines, Erik M	NSF/National Science Foundation	CAREER: Critical Experiences in Preparing Black and Latino Males for Engineering Careers	07/20/2017	512,755
Kaufman, James	ED/Institute of Education Sciences/Pace University-Center for Downtown New York	Creative Art Participation from Middle- to High-School Age: Impact on Identity Formation and Academic Achievement	08/16/2017	98,947
La Salle, Tamika P	ED/Department of Education/ED/Institute of Education Sciences	Developing the Trauma-Informed Program for Promoting Success (TIPPS)	08/16/2017	200,318
Lombardi, Allison	ED/Institute of Education Sciences	Empowering Teachers with Technology Skills in Transition (Empower 3T), Equipping Teachers to Improve College and Career Readiness Outcomes for Students with Disabilities	08/17/2017	1,399,527
Lombardi, Allison	ED/Institute of Education Sciences/University of Kansas	CCR4T - Secondary Transition Assessment: Development and Validation of a Student and Teacher College and Career Readiness Measure	08/10/2017	760,152
Sanetti, Lisa M	Association for Psychological Science	Concept Mapping Approach to Identify the Core Implementation Competencies to Inform Training in Implementation of Psychological Science	09/29/2017	5,000
Sanetti, Lisa M	ED/Institute of Education Sciences	Project SUPPORTS: SUpporting Paraeducator Practices by means Of Research & Theory-informed Strategies	08/17/2017	1,398,099
Swaminathan, Hariharan	CT Department of Education	Psychometric Analysis and Research for Student Assessment in Connecticut II	07/24/2017	1,264,738
School of Business			5 Proposals	\$3,072,980
CT Small Business Development Center			3 Proposals	\$2,522,092

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Carter, Emily	CT Department of Economic and Community Development	Small Business Development Center	07/21/2017	1,176,121
Carter, Emily	CT Department of Transportation	Disadvantaged Business Enterprise (DBE) Support Services Program	09/29/2017	169,850
Carter, Emily	SBA/Small Business Administration	Small Business Development Center	07/21/2017	1,176,121
Center for Economic Analysis			1 Proposals	\$14,905
Carstensen, Fred V	Norwich Public Utilities	Creating Value: A Dynamic Analysis of the Economic Impact of Norwich Public Utilities	07/12/2017	14,905
Operations & Info Management			1 Proposals	\$535,983
Bergman, David	NSF/National Science Foundation	CAREER: Decision Diagram Decomposition - Expanding the Limits of Combinatorial Optimization	07/20/2017	535,983
School of Engineering			102 Proposals	\$40,928,241
Biomedical Engineering			10 Proposals	\$4,493,652
Feng, Bin	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Mechanisms of DRG Stimulation to Modulate Visceral Afferent Function	07/14/2017	160,250
Feng, Bin	NSF/National Science Foundation	CAREER: Understanding Peripheral Neuromodulation to Enhance Non-Drug Management of Chronic Pain	07/18/2017	589,036
Hoshino, Kazunori	NSF/National Science Foundation	CAREER: In Situ Mechanical Characterization of Biomanufactured Microtissues	07/20/2017	501,035
Kumavor, Patrick D	NSF/National Science Foundation	Innovative Biomedical Device Technologies for Enhanced Healthcare Delivery	08/23/2017	343,762
Morgan, Kristin	DOD/Department of Defense	Novel Submersible and Terrestrial Wearable Sensor Technology for the Prediction and Rehabilitation of Post Neuromusculoskeletal Injury Secondary Health Effects	09/27/2017	749,986
Santaniello, Sabato	DOD/Navy/Office of Naval Research	Biologically-Based Neural Circuit Models for Cognitive Computation	09/29/2017	474,220
Santaniello, Sabato	NSF/National Science Foundation	CAREER: Robust Control Methods for Understanding and Designing Deep Brain Stimulation Under Neural Variability	07/20/2017	555,009
Shin, Yong Jun	DHHS/NIH/National Institutes of Health	Patient-Centered Distributed and Adaptive Artificial Pancreas	09/08/2017	
Shin, Yong Jun	NSF/National Science Foundation	CAREER: Microservices-Enabled Distributed and Adaptive Single-Cell Biology	07/19/2017	620,354
Zheng, Guoan	NSF/National Science Foundation	CAREER: Tackling Imaging Challenges in Biophotonics using Ptychographic Framework	07/20/2017	500,000
Center for Clean Energy Engineering			12 Proposals	\$5,117,042
Bazzi, Ali	DOD/Navy/Office of Naval Research	High-Voltage High-Frequency Power Electronic Testbed for Naval Propulsion Drives Research	07/07/2017	242,774
Bazzi, Ali	NSF/National Science Foundation	CAREER: Hierarchical Control of High-Performance Motor Drives	07/20/2017	501,277
Cho, Yongku P	NSF/National Science Foundation	CAREER: Novel Platforms for Regulated Ex Vivo Gene Therapy in the Central Nervous System	07/20/2017	500,000
Lei, Yu	USDA/National Institute of Food and Agriculture/University of Massachusetts, Lowell	Pumpless, Wireless, and Ultrasensitive Biosensor Network System for Food Borne Disease Outbreak	07/21/2017	199,928
Maric, Radenka	Cadenza Innovation	The Fundamental Study, Characterization, and Synthesis of Natural Graphite for Electrodes in Lithium Ion Batteries	08/24/2017	705,809
Maric, Radenka	DOE/Department of Energy	Fuel Flexible, Low Temperature Solid Oxide Fuel Cells	07/14/2017	300,000

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Pasaogullari, Ugur	DOE/Office of Energy Efficiency and Renewable Energy	AMES: MS and MENG in Advanced Manufacturing for Energy Systems at the University of Connecticut	09/18/2017	1,257,254
Pettes, Michael T	DOD/Navy/Office of Naval Research	Spatially-Precise Quantum Nanophotonics	09/29/2017	510,000
Singh, Prabhakar	DOE/Department of Energy	Advanced Anode for Internal Reforming and Thermal Management in Solid Oxide Fuel Cells	07/14/2017	300,000
Singh, Prabhakar	DOE/Department of Energy	Development & Optimization of Low Cost Scalable Processes for the Densification of Electronically Conducting Oxide SOFC Interconnect	07/14/2017	300,000
Singh, Prabhakar	DOE/Department of Energy	Understanding of the Role of Marine Atmosphere on the Stability of SOFC Stack and BOP: Degradation Mechanisms and Mitigation Approaches	07/14/2017	300,000
Valla, Ioulia	DOE/Department of Energy	Catalytic Fast Hydrolysis (CFHP) Process Integrated with Novel Membrane Systems for the Production of Drop-in Bio-Fuels	07/07/2017	
Chemical and Biomolecular Engineering			6 Proposals	\$1,372,006
Carter, Clive B	DOE/Department of Energy	Deformation of Tantalum and Related Metals	09/05/2017	483,294
Escobar Ivirico, Jorge L	DOD/Department of Defense	Development of Artificial Stem Cells for Knee Osteoarthritis Treatment	08/02/2017	273,040
LAURENCIN, CATO	DOD/Department of Defense/University of Connecticut Health Center	Engineered Conducting Polymer Constructs for Volumetric Muscle Loss Treatment	09/18/2017	47,836
LAURENCIN, CATO	DOD/Department of Defense/University of Connecticut Health Center	Injectable Stem-Cell Hydrogel Systems for Knee Osteoarthritis Treatment	09/18/2017	47,836
Ma, Wing Kui Anson	Pfizer	3D Printing of Solid Dosage Forms	07/24/2017	20,000
Wagstrom, Kristina	NSF/National Science Foundation	CAREER: Engaging Communities to Bridge the Local to Regional Gap in Air Pollution Exposure Assessment	07/20/2017	500,000
Civil and Environmental Engineering			10 Proposals	\$2,978,529
Garrick, Norman W	DOT/Department of Transportation/University of North Carolina, Charlotte	Likely Scenarios - A Framework for Assessing the Probable Impact of Autonomous Vehicles	08/23/2017	59,868
Jang, Shinae	NSF/National Science Foundation	REU Site: STEM Education Workforce Development with Infrastructure Research	08/23/2017	338,452
Kirchhoff, Christine	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Collaborative Research: Innovation at the Boundary (iBoundary): How Interactive Research Drives Innovation in Science and Policy.	09/11/2017	294,582
Mahoney, James M	CT Department of Transportation	Development of a Digital Design Environment (DDE) Projectwise - Phase 2 - Task #1	08/07/2017	426,837
Mahoney, James M	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Development of a Digital Design Environment (DDE) Projectwise - Phase 2 - Task #1	08/07/2017	426,837
Nikolopoulos, Efthymios I	NASA/National Aeronautics and Space Administration	Precipitation, Assimilation and Resolution (PARE): Understanding their Importance and Interdependence for Advancing the Modeling of Terrestrial Hydrologic Processes	08/03/2017	463,198
Zhang, Wei	NSF/National Science Foundation	CAREER: Understanding Integrated Performance of Building Structures for Sustainable and Resilient Communities	07/20/2017	500,000
Zhang, Wei	NSF/National Science Foundation	Collaborative Research: System Performance Investigation and Benchmark Validation of Coastal Residential Buildings in Hurricane Events	09/22/2017	185,490
Zhu, Jin	NSF/National Science Foundation	Enhance Understanding of Human Evacuation, Return, and Relocation Decision Making in Disasters: A Case Study of Hurricane Harvey	09/13/2017	103,310

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Zhu, Jin	NSF/National Science Foundation	Integrating Human Resilience with Transportation Infrastructure Development for Supporting Human-Centered Decision Making in Infrastructure Planning and Design	09/22/2017	179,955
Computer Science and Engineering			14 Proposals	\$5,823,216
Ammar, Reda A	Egyptian Cultural and Educational Bureau	Egyptian CEB 2017-18	08/24/2017	38,826
Bansal, Mukul S	NSF/BIO/Directorate for Biological Sciences	ABI Innovation: Algorithms and Tools for Genome-Scale Inference of Microbial Phylogenies	09/08/2017	575,223
Duggirala, Parasara S	NSF/National Science Foundation	CAREER: A Rigorous Framework for End-To-End Certification of Autonomous Vehicles	07/19/2017	508,393
Han, Song	NSF/CISE/Directorate for Computer and Information Science and Engineering	NeTS: Medium: Collaborative: Achieving Control Certainty in Uncertain Environments: Holistic Approach to Dynamic Network Resource Management	09/27/2017	537,460
Huang, Chun-Hsi	NSF/National Science Foundation	IPA Assignment: Chun-Hsi Huang	07/13/2017	195,827
Khan, Mohammad M	NSF/CISE/Directorate for Computer and Information Science and Engineering	CRS: Medium: A Scalable Performance Modeling Framework for Extendable Distributed Systems	09/27/2017	647,560
Khan, Mohammad M	NSF/National Science Foundation	CAREER: The Role of Emotion and Social Motives in Communicating Risk: Implications for User Behavior in the Cyber Security Context	07/19/2017	559,786
Mandoiu, Ion I	Connecticut Innovations/University of Connecticut Health Center	Genomic-Driven Personalized Immunotherapy of Human Ovarian Cancer	08/24/2017	43,700
Nabavi, Sheida	NSF/National Science Foundation	CAREER: Graphical Models for Integrating Multimodal Genomic Data	07/18/2017	499,722
Rajasekaran, Sanguthevar	DOD/Defense Threat Reduction Agency	Novel Algorithms and Wearable Technologies for Early Warning of Health Changes	09/18/2017	
Rajasekaran, Sanguthevar	NSF/BIO/Directorate for Biological Sciences	Efficient Compression Techniques for Biological Big Data	09/08/2017	781,882
Russell, Alexander	NSF/CISE/Directorate for Computer and Information Science and Engineering	AF: Medium: Collaborative Research: Quantum-Secure Cryptography	09/27/2017	274,898
Shin, Dong	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Skeletal Phenotyping of Komp Mice	07/12/2017	1,105,525
Wang, Bing	DHHS/NIH/National Institutes of Health/Boston University	Smartphone Adherence Project (SMART-AP)	08/18/2017	54,414
Connecticut Transportation Institute			11 Proposals	\$2,089,664
Ivan, John N	AAA Foundation for Traffic Safety	Quantifying Exposure-Based Crash Rates of Newly-Licensed Drivers in Relation to Age at Licensure	07/07/2017	150,000
Ivan, John N	DOT/Department of Transportation/University of New Hampshire	NECTR: New England Center for Transportation Resiliency	08/15/2017	500,000
Ivan, John N	DOT/Department of Transportation/University of North Carolina, Charlotte	Estimation of Local Road AADT Using Demographic, Land Development and Geospatial Data	08/01/2017	59,999
Jackson, Eric D	AAA Foundation for Traffic Safety	Evaluating Novice Driver Training Tools Designed to Accelerate the Development of Hazard Anticipation Skills and Driver Expertise	07/07/2017	153,147
Konduri, Karthik	NSF/National Science Foundation	CAREER: Development of Statistical Models and Inference Approaches for Analyzing the Influence of Latent Factors on Transportation Behaviors	07/20/2017	535,871
Konduri, Karthik	University of North Carolina, Charlotte	Development of Continuous Time and Temporally Constrained Tour Generation System for Modeling the Impacts of Autonomous Vehicle Future	08/07/2017	59,999
Lownes, Nicholas	DOT/Department of Transportation/University of North Carolina, Charlotte	Investigating the Linkage Between Access to Services and Housing Availability	08/11/2017	60,000

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Mahoney, James M	CT Department of Transportation	Engineering Services for Pavement Management Activities and Research	09/07/2017	58,471
Mahoney, James M	CT Department of Transportation	Evaluation of Wet Weather Crash Locations and Conducting Pavement Friction in Selected Locations	07/12/2017	230,316
Mahoney, James M	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Connecticut Advanced Pavement Lab FY16, FY17, FY18	08/23/2017	31,861
Malla, Ramesh B	DOT/Department of Transportation/University of Maine	US DOT - University Transportation Center - Region 1 (New England)	08/15/2017	250,000
Electrical and Computer Engineering			10 Proposals	\$5,961,063
Chandy, John A	NSF/EHR/Directorate for Education and Human Resources	Embedded Systems Security Scholarship for Service Program	07/31/2017	3,983,520
Gokirmak, Ali	DOD/Navy/Office of Naval Research	DURIP - Acquisition of General Purpose Sputtering Tool for Fabrication Facility	07/07/2017	471,500
Jain, Faquir C	Systems Engineering Associates Corporation (SEA CORP)	Design and Processing of Low Phase Noise Laser and Gain Chip	09/11/2017	40,000
Javidi, Bahram	DOD/Air Force Research Laboratory	Long Range Passive Sensing 3D Imaging and Ranging: A Fundamental Limits Investigation	09/25/2017	100,000
Javidi, Bahram	DOD/Air Force/Air Force Office of Scientific Research	Passive Multidimensional Imaging and Recognition with Multiple Degrees of Freedom under Fixed Resource Constraints	07/26/2017	390,000
Javidi, Bahram	Hamamatsu	Single Photon Imaging	08/07/2017	50,000
Wang, Lei	USDA/National Institute of Food and Agriculture/University of Arkansas	ASSISTANCE: A SenSing and modeling SysTem enAbling efficieNt use of resourCEs	08/02/2017	399,991
Willett, Peter K	DOD/Air Force/Air Force Office of Scientific Research	Reliable Inference in Data Fusion Systems	07/25/2017	449,333
Yan, Bing	ISO New England	Efficient Modeling of Generation-Dependent Ramp Rates for Unit Commitment and Economic Dispatch, Phase II	07/24/2017	66,719
Zhang, Liang	DOC/National Institute of Standards and Technology (NIST)/University of Michigan	Multi-Job Production Hybrid and Assembly Systems: Theory and Application in the Framework of Smart Manufacturing	08/31/2017	10,000
Engineering Dean			1 Proposals	\$65,553
Kazerounian, Kazem	University of Connecticut Health Center	Pre-College Enrichment Program	07/21/2017	65,553
Eversource Energy Center			3 Proposals	\$1,013,373
Anagnostou, Emmanouil N	Eversource	Expanding the UConn Predictive Storm and Outage Model to MA and NH	07/31/2017	235,751
Astitha, Marina	NSF/National Science Foundation	REU Site: Interdisciplinary Traineeship on Power Grid Resilience to Severe Storms in a Changing Environment	08/23/2017	353,388
Pena Mendez, Malaquias	DOC/NOAA/National Oceanic and Atmospheric Administration	Weakly and Strongly Coupled Initial Perturbations in a Seamless Weather to Seasonal Prediction System	09/25/2017	424,234
Mechanical Engineering			19 Proposals	\$9,004,446
Cetegen, Baki	DOD/Department of Defense	Acquisition of a High Speed Planar Laser Induced Fluorescence System for Combustion Research	07/06/2017	392,990
Chen, Xu	DOD/Navy/Office of Naval Research	Dynamic Information Fusion and Collaborative Controls for Agile Resilient Autonomy of Multibody Control Systems	09/29/2017	509,899
Chen, Xu	NSF/National Science Foundation	CRII: CPS: Performance Computation in the Loop: Uncertainty Resilient Additive Manufacturing Integrating Performance Computing with Physics-Based Control Primitives	08/09/2017	173,726

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Chiu, Wilson K	NSF/MPS/Directorate for Mathematical and Physical Sciences	Collaborative Research: The Role of Emergent Phases in Conductivity and Surface Reactivity Enhancement in Mixed Ionic-Electronic Conductors	08/28/2017	273,466
Li, Ying	DOD/Navy/Office of Naval Research	Predictive Multiscale Modeling of Viscoelasticity of Polymer Nanocomposites	09/29/2017	510,000
Li, Ying	Haythornthwaite (Robert M. and Mary) Foundation/American Society of Mechanical Engineers (ASME)	Understanding Blood Circulation and Tumor Extravasation of Nanoparticles through Multiscale Modeling and 3D Tumor-on-a-chip	08/15/2017	20,000
Li, Ying	NSF/CISE/Directorate for Computer and Information Science and Engineering	CRII: OAC: A Hybrid Finite Element and Molecular Dynamics Simulation Approach for Modeling Nanoparticle Transport in Human Vasculature	08/09/2017	174,999
Li, Ying	NSF/National Science Foundation	CAREER: Cyber-Enabled Design of Size- and Shape-Controlled Liposome-Like Nanoparticles for Drug Delivery	07/21/2017	500,000
Li, Ying	NSF/National Science Foundation	Collaborative Research: An Integrated Theoretical, Experimental and Computational Study of the Interfacial Self-Healing of Nanocomposite Hydrogels	09/22/2017	233,649
Li, Ying	NSF/National Science Foundation	Collaborative Research: Synthesizing High-Performance Thermoelectric Materials and Devices with Multi-Physics Optimization and Functional Additive Manufacturing	09/14/2017	187,541
Lykotrafitis, George	NSF/National Science Foundation	Micromechanics of SK ion channel regulation via diffusion and recycling in neuron	09/15/2017	492,870
Nguyen, Thanh D	NSF/National Science Foundation	CAREER: Bionic Force-Sensing Cartilage	07/12/2017	628,954
Norato Escobar, Julian A	NSF/National Science Foundation	CAREER: Incorporating Geometric Rules and Cost in Topology Optimization for Efficient Design of Near-Manufacturable Structures	07/19/2017	500,000
Pierce, David M	DHHS/NIH/National Institutes of Health	Accumulation of Microtrauma and Loss of Function in Articular Cartilage	08/03/2017	2,413,905
Sung, Chih-Jen	Aviation Industry Corporation of China (AVIC)	Development of Comprehensive Fuel Injection and Combustion Models	07/19/2017	899,997
Tang, Jiong	DOD/Department of Defense	Scanning Laser Doppler Vibrometer and Instrumentation for the Development of Dynamic Data Driven Adaptive Sensing and Fault Diagnosis of Aerospace Structures	07/07/2017	302,432
Tang, Jiong	NSF/National Science Foundation	CDS&E/Collaborative Research: Health Management for Large Scale Structures Enabled by Physics-Guided Data Analytics and Non-Contact Movable Sensing Systems	09/22/2017	270,018
Zhang, Dianyun	Haythornthwaite (Robert M. and Mary) Foundation/American Society of Mechanical Engineers (ASME)	Integrated Composite Process Modeling and On-Line Cure Monitoring of Resin Transfer Molding Processes	08/15/2017	20,000
Zhang, Dianyun	NSF/National Science Foundation	CAREER: Effects of Cure Cycles on Mechanical Properties of Polymer Matrix Composites Manufactured Using Vacuum Assisted Resin Transfer Molding	07/20/2017	500,000
UTC Institute for Advanced Systems Engineering			6 Proposals	\$3,009,697
Chen, Xu	NSF/National Science Foundation	CAREER: Adding to the Future: New Regimes of Modeling and Controls for Quality Layered Energy Deposition in Additive Manufacturing	07/17/2017	500,000
Dani, Ashwin	NASA/National Aeronautics and Space Administration	Autonomous Optical Navigation and Trajectory Control using Electric Propulsion for Small Spacecraft in Deep Space	09/25/2017	399,999
Dani, Ashwin	NSF/National Science Foundation	CAREER: Physics-driven Machine Learning for Model Learning of Flexible Object Shape Deformation	07/19/2017	531,906
Gupta, Shalabh	NSF/National Science Foundation	CAREER: Cooperative Autonomy for Resilience and Efficiency of Cohabitating Patrolling Systems	07/20/2017	514,134

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Stuber, Matthew D	DHHS/NIH/National Institutes of Health/University of Colorado, Boulder	Modulating the Tumor Microenvironment to Enhance Nanomedicine Delivery by Precision Adjunct Medicines through Model-Based Systems Engineering and Optimal Treatment Scheduling	08/22/2017	553,658
Stuber, Matthew D	DOD/Navy/Office of Naval Research	Flexibility Analysis for Robust Decision-Making in Nonlinear Systems	09/12/2017	510,000
School of Fine Arts			4 Proposals	\$178,975
School of Fine Arts			4 Proposals	\$178,975
Bell, John T	NEA/National Endowment for the Arts	Living Objects: African American Puppetry	07/10/2017	
Bell, John T	NEA/National Endowment for the Arts	Living Objects: African American Puppetry	08/03/2017	70,975
Scheinfeldt, Joseph T	Institute of Museum and Library Services	The Greenhouse Studios "Building Digital Scholarship" Post-MLIS Fellowship Program	08/31/2017	
Scheinfeldt, Joseph T	Kress (Samuel H.) Foundation	Greenhouse Studios/UConn Art History Kress Post-Doctoral Fellowship	09/28/2017	108,000
School of Nursing			7 Proposals	\$2,036,885
School of Nursing			7 Proposals	\$2,036,885
Fontes, Alan	DHHS/Department of Health and Human Services/CT Department of Social Services	HIT EHR Incentive Program	07/13/2017	528,800
Jakubisin Konicki, Annette	CVS	FNP CUPS: FNPs Caring for Underserved Populations 2018	09/18/2017	5,000
Judge, Michelle P	Seafood Industry Research Fund	Adaptive Symptom Care Using Fish-Based Nutritional Directives Post Breast Cancer	08/18/2017	93,282
McGrath, Jacqueline M	Johnson (Robert Wood) Foundation	Inspiring Transformational Leadership and Scholarship for UConn Nurse Scholars	09/14/2017	225,000
McGrath, Jacqueline M	University of Pennsylvania	Increasing Transformational Opportunities for UConn Nurse Scholars	08/01/2017	
Starkweather, Angela	DHHS/NIH/National Institutes of Health/University of Maryland	Neurophysiological and Transcriptomic Predictors of Chronic Low Back Pain: Towards Precision Pain Management (NEAT Study)	08/09/2017	1,183,803
Van Hoof, Thomas J	National Organization for Associate Degree Nursing	Variables Associated with Educational Advancement	07/28/2017	1,000
School of Pharmacy			11 Proposals	\$2,284,866
Pharmaceutical Sciences			11 Proposals	\$2,284,866
Bahal, Raman	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Targeted Delivery of AntimiR Gamma PNAs for Lymphoma Therapy	09/01/2017	100,000
Bogner, Robin H	National Institute for Innovation in Manufacturing Biopharmaceuticals/National Institute of Pharmaceutical Technology and Education	Software and Hardware Tools for Pharmaceutical Lyophilization Process Scale-Up	08/10/2017	193,534
Bogner, Robin H	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Development of a Raman Spectroscopic Method to Detect Protein Conformation in Amorphous Solids; Application to Protein Formulation and Stability	09/01/2017	20,000
Burgess, Diane J	DHHS/FDA/Food and Drug Administration	In Vitro In-Vivo Correlation of the Long-Acting Injectable Suspensions	07/05/2017	486,923
Kendall, Debra A	DHHS/NIH/National Institutes of Health	Biochemical Analysis of Novel Cannabinoid Type 2 Receptor Agonists for Pain Treatment	08/08/2017	116,232
Lu, Xiuling	Connecticut Innovations/Yale University	Bone Marrow Accumulation of Nanoparticles and the Interaction with Leukemia Stem Cells	09/12/2017	10,000
Wiemer, Andrew J	DHHS/NIH/National Cancer Institute	Synthesis and Biological Evaluation of HMBPP Phosphonate Analogs and Prodrugs	08/04/2017	172,926

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Wiemer, Andrew J	DHHS/NIH/National Institutes of Health	Elucidating the Mechanism(s) of Apoptosis Induced by Novel Geranylgeranyl Diphosphate Synthase Inhibitors in T-Cell Acute Lymphoblastic Leukemia	08/08/2017	45,863
Wiemer, Andrew J	DHHS/NIH/National Institutes of Health	Role of Butyrophilin 2 Isoform in Lymphocyte Function	07/05/2017	419,924
Wiemer, Andrew J	NSF/National Science Foundation	CAREER: The Biological and Environmental Interplay Between Phosphorus and Methylbutene	07/17/2017	699,464
Wiemer, Andrew J	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Elucidating the Mechanism(s) of Apoptosis Induced by Novel Geranylgeranyl Diphosphate Synthase Inhibitors in T-Cell Acute Lymphoblastic Leukemia	09/01/2017	20,000
School of Social Work			6 Proposals	\$1,355,915
School of Social Work			6 Proposals	\$1,355,915
Lin, Hsiu-Ju	DHHS/FDA/Food and Drug Administration/Yale University	Linking Data Sources to Elucidate Non-Fatal and Fatal Opioid-Related Overdose Epidemiology and the Role of FDA-Regulated Products	07/25/2017	5,488
Lin, Hsiu-Ju	DHHS/NIH/National Institute on Drug Abuse/Yale University	Promoting HIV and HVC-Related Services in Opioid Treatment Programs with the Implementation and Sustainment Facilitation Strategy	08/31/2017	78,143
Lin, Hsiu-Ju	DHHS/NIH/National Institutes of Health/Yale University	Incarceration and Cancer-Related Outcomes (ICRO)	09/25/2017	123,534
Lloyd, Margaret H	DHHS/SAMHSA/Center for Substance Abuse Treatment/Oklahoma Department of Mental Health and Substance Abuse Services	Okmulgee County Family Drug Court Enhancement Grant	09/22/2017	48,750
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	Research Initiatives 2017-18	09/14/2017	100,000
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/Wheeler Clinic	Connecticut OD Treatment Access (COTA)	07/24/2017	1,000,000
Vice President for Research			55 Proposals	\$37,671,851
Center for Environmental Sciences and Engineering			8 Proposals	\$8,013,447
Fahey, Robert T	NSF/National Science Foundation	Collaborative Research: Crown Architecture, Tree Species, and Ecosystem Functioning: Testing and Scaling Crown-Level Functional Traits with Sap Flux and Hyper Remote Sensing Data	08/02/2017	222,639
McCutcheon, Jeffrey R	NSF/National Science Foundation	Collaborative Research: Conductive Dual Layer Hollow Fibers with Percolated Carbon Nanotube Composite Coating	09/15/2017	326,761
McKinney, Melissa A	DOI/United States Geological Survey	Long-Term Trends in the Foraging Behavior of Southern Beaufort Sea Polar Bears and Implications for Risks of Exposure to Polycyclic Aromatic Hydrocarbons	07/21/2017	30,000
Perkins, Christopher R	CT Department of Energy and Environmental Protection	Analytical Support to the Connecticut Department of Energy and Environmental Protection for the Long Island Sound Study and Ambient Water Quality Survey	07/14/2017	225,000
Perkins, Christopher R	DOI/United States Geological Survey	Sea Turtle Egg Homogenization and Compositing	07/05/2017	23,845
Vadas, Timothy M	USDA/National Institute of Food and Agriculture	Small or Urban, Regional or Local Food Systems: Integrating Water Efficiency and Quality across New England's Long Island Sound Watershed	08/02/2017	5,185,607
Wang, Guiling	NASA/National Aeronautics and Space Administration	Using Remote Sensing-Based Evapotranspiration and SMAP Data to Improve Hydrological Estimation	08/03/2017	435,044
Willig, Michael R	NSF/BIO/Directorate for Biological Sciences	Integrating Gradients of Available Energy and Landscape Structure at Multiple Spatial Scales to Understand Variation in Forest Bird Biodiversity	08/02/2017	1,564,551
Institute for Collaboration on Health, Intervention and Policy			31 Proposals	\$20,391,279
Abadia-Barrero, Cesar	Russell Sage Foundation	Politics and Experiences of the Unfolding of the Affordable Care Act	08/18/2017	149,998

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Andreyeva, Tatiana	American Heart Association	Tiered Tax Research	08/28/2017	23,769
Andreyeva, Tatiana	CT Department of Education	Child and Adult Care Food Program (CACFP) Expansion	07/03/2017	19,798
Andreyeva, Tatiana	USDA/National Institute of Food and Agriculture	Implementation of the Updated Child and Adult Care Food Program (CACFP) Meal Patterns and CACFP Expansion	08/09/2017	299,590
Baker Jr, William L	DHHS/AHRQ/Agency for Healthcare Research and Quality	Treatment of Depression for Older Adults	09/08/2017	380,000
Butler, Lisa M	Brigham and Women's Hospital	Standing Tall - A Pilot Randomized Controlled Trial of a Community-Based Intervention to Improve Health Outcomes for Newly Diagnosed HIV-Positive Young Adults in South Africa	08/16/2017	69,146
Chafouleas, Sandra M	ED/Institute of Education Sciences	Network Leadership in Integrated Elementary Multi-Tiered Systems of Support (MTSS-IE)	09/21/2017	1,499,994
Chafouleas, Sandra M	ED/Institute of Education Sciences	Project PIERS: Postdoctoral Training in Integrated Education: Research Focused on Special Education	08/09/2017	755,520
Chafouleas, Sandra M	ED/Institute of Education Sciences/University of Kansas	Enhancing Ci3T: Building Professional Capacity for High Fidelity Implementation to Support Students' Educational Outcomes (Project ENHANCE)	09/13/2017	570,781
Chafouleas, Sandra M	ED/Institute of Education Sciences/University of Missouri	Teacher Characteristics and Environmental Factors Associated with Identification of Students with Socio-Emotional and Behavioral Concerns	08/10/2017	254,015
Chafouleas, Sandra M	Grant (William T.) Foundation	Research to Reduce Inequality in Youth Outcomes: A Joint Whole Child Approach	09/12/2017	646,306
Cornman, Deborah H	DHHS/NIH/National Institute of Mental Health/Yale University	Center for Interdisciplinary Research on AIDS	08/22/2017	87,925
Eaton, Lisa A	DHHS/NIH/National Institute of Mental Health	Unified Approach to Address PrEP Cascade for BMSM	09/05/2017	723,000
Gibbons, Frederick	DHHS/NIH/National Institutes of Health/George Washington University	Reducing the Effects of Discrimination on Substance Use and Risky Sex among Black Young Adults	09/11/2017	447,725
Gibbons, Frederick	DHHS/NIH/National Institutes of Health/University of California	Examining an Implicit Affective Route to UV-Related Behavior	09/28/2017	307,760
Holle, Lisa M	Hematology/Oncology Pharmacy Association (HOPA)	Can Spinners Improve Understanding of Adverse Events in Patients with Cancer?	09/20/2017	29,452
Kalichman, Seth C	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/State University of New York, Upstate Medical University	Behavioral Adherence in Emerging Adults with Type 2 Diabetes: Ancillary Study	07/19/2017	476,447
Kalichman, Seth C	DHHS/NIH/National Institutes of Health	Intervention Dose to Sustain HIV Suppression	09/01/2017	3,973,437
Lepley, Lindsey	DHHS/NIH/National Institutes of Health	Influence of Eccentric Exercise on Muscle and Joint Health after ACL Injury	07/10/2017	713,670
Lepley, Lindsey	DOD/Department of Defense	Improving Soldier Readiness After Traumatic Joint Injury by Targeting Neuromuscular Deficits	09/27/2017	749,950
Nemec, Rebecca	USDA/National Institute of Food and Agriculture	Impact of U.S. Health Care Provision Changes on Diet Quality Among the Poor	07/05/2017	259,960
Pagoto, Sherry	DHHS/NIH/National Heart, Lung, and Blood Institute	Mentoring in mHealth and Social Networking Interventions for CVD Risk Reduction	08/14/2017	299,649
Pagoto, Sherry	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Get Social: Randomized Trial of a Social Network Delivered Lifestyle Intervention	08/14/2017	1,134,884
Pagoto, Sherry	DHHS/NIH/National Institutes of Health/Klein Buendel	Likes Pins and Views: Engaging Moms on Teen Indoor Tanning Thru Social Media	08/11/2017	490,089
Pagoto, Sherry	DHHS/NIH/National Institutes of Health/Klein Buendel	Using Technology to Scale-up an Occupational Sun Protection Policy Program	08/29/2017	133,390

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Pagoto, Sherry	DHHS/NIH/National Institutes of Health/Rutgers Cancer Institute of New Jersey	Randomized Trial of a Behavioral Intervention Targeting Indoor Tanning Users	08/11/2017	780,895
Park, Crystal	DHHS/NIH/National Institutes of Health	Optimizing Use of EPYQ (Essential Properties of Yoga Questionnaire) to Advance Yoga Research	07/10/2017	3,464,770
Schwartz, Marlene B	DHHS/NIH/National Institutes of Health/University of Pennsylvania	A Randomized Trial of Web-Based Behavioral Economic Interventions to Promote Healthy Food Choices Among Food Pantry Clients	09/28/2017	168,067
Schwartz, Marlene B	DHHS/Office of the Secretary/Clifford Beers Clinic	Empowered Communities Initiative at Clifford Beers	07/25/2017	107,258
Waring, Molly	DHHS/NIH/National Heart, Lung, and Blood Institute	Delivering a Post-Partum Weight Loss Intervention via Facebook vs In-Person Groups: A Feasibility Pilot Trial	08/15/2017	674,262
Willen, Sarah	Johnson (Robert Wood) Foundation	Investigating Conceptions of Health Equity and Barriers to Making a Shared Value	08/01/2017	699,772
Institute of Materials Science			13 Proposals	\$8,586,405
Adamson, Douglas	DHHS/NIH/National Institutes of Health	Transferable Polymer Brushes for Low Friction Artificial Joint Surfaces	07/17/2017	440,875
Gao, Puxian	DOE/Department of Energy	AOI (1B) (Metal Oxide Nano-Array Monolithic Reactors for Thermochemical CO2 Hydrogenation into Value-Added Fuel)	08/08/2017	1,500,000
Gao, Puxian	DOE/Department of Energy	Multi-Mode Nanowire Array Sensors for Environmental Monitoring at High Temperature	07/24/2017	500,000
Han, Martin	DHHS/NIH/National Institute of Neurological Disorders and Stroke	Chronically-Implantable Multisite Microelectrode Arrays	08/03/2017	261,561
Hebert, Rainer J	DOE/Office of Energy Efficiency and Renewable Energy	Metal Additive Manufacturing Education for a New Generation of Engineers	08/08/2017	1,937,970
Huey, Bryan	NSF/National Science Foundation	REU Site: Materials for Extreme Conditions	08/23/2017	319,847
Lee, Seok Woo	NSF/National Science Foundation	CAREER: Fundamental Investigation of Superelastic and Superconductive Intermetallic Compounds via In-Situ Cryogenic Micromechanical Deformation	07/20/2017	500,000
Lee, Seok Woo	NSF/National Science Foundation	Collaborative Research: Investigation of Ultra-High Elastic Energy Storage Hybrid Nanocomposites via Sequential Infiltration Synthesis and In-Situ Micromechanical Deformation	09/20/2017	312,599
Ramprasad, Ramamurthy	Semiconductor Research Corporation/Rensselaer Polytechnic Institute	Malleable, Integrated, Memory Intensive, Computing (MIMIC)	09/25/2017	1,018,068
Shahbazmohamadi, Sina	Carl Zeiss Microscopy	Development of Correlative Workflows and Point Spread Function Deconvolution on ZEISS Crossbeam	07/10/2017	100,000
Shahbazmohamadi, Sina	DOD/Navy/Office of Naval Research	A Multi-Scale Patterning System for Rapid Analysis of Emerging Nano-Electronics	07/07/2017	170,000
Sun, Luyi	USDA/National Institute of Food and Agriculture	Multi-Functional Nanocoatings for Smart Food Packaging	07/06/2017	499,999
Wei, Mei	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Regeneration of the Osteochondral Tissue of the Mandibular Condylar Cartilage via Novel Multi-Zonal Scaffold and Growth Factors	09/29/2017	1,025,486
Northeast Undersea Research Technology and Education Center			2 Proposals	\$266,719
Babb, Ivar G	NSF/National Science Foundation	Marine Technology for Teachers and Students in the Gulf and Great Lakes: MaTTS 2.0	09/05/2017	170,627
Joy, Kevin P	NSF/National Science Foundation/Woods Hole Oceanographic Institution	ROV Support for Ocean Observatories Initiative (OOI) 2017 Pioneer-9 Leg 1 Cruise	09/20/2017	96,092
Vice President for Research			1 Proposals	\$414,001

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Holsinger, Kent E	NSF/EHR/Directorate for Education and Human Resources	Graduate Research Fellowship Program	08/15/2017	414,001
University of Connecticut - Storrs & Regional			359 Proposals	\$158,585,112
School of Dental Medicine			11 Proposals	\$8,893,027
Craniofacial Sciences			3 Proposals	\$3,053,261
Spoto, Michelle T	DHHS/NIH/National Institutes of Health/Quercus Molecular Design	Molecular Mechanisms Underlying Transition to Virulence in Staphylococcus epidermidis	08/02/2017	228,176
Yadav, Sumit	DHHS/NIH/National Institute of Dental and Craniofacial Research/University of Connecticut	Mandibular Cartilage Regeneration in Situ by Endogenous Stem Cell Recruitment	08/18/2017	81,336
Yadav, Sumit	DHHS/NIH/National Institutes of Health	Regeneration of the Osteochondral Tissue of the Mandibular Condylar Cartilage via Novel Multi-Zonal Scaffold and ...	09/27/2017	2,743,749
Oral Health and Diagnostic Sciences			2 Proposals	\$76,940
Chen, I-Ping	University of Connecticut	FY16 iCHIP DEVELOPING A MOUSE MODEL FOR SYMPTOMATIC APICAL PERIODONTITIS	08/24/2017	20,000
Tadinada, Aditya	DHHS/NIH/National Institutes of Health/New York University	Preliminary Safety Study of Botulinum Toxin for Treatment of Myofascial TMJD Pain	09/15/2017	56,940
Reconstructive Sciences			6 Proposals	\$5,762,826
Dealy, Caroline N	DOD/Department of Defense	Articular Cartilage Regeneration via Resident Chondroprogenitor: mechanisms and utility for healing articular...	09/28/2017	1,197,580
Dealy, Caroline N	DOD/Department of Defense	First-in-class Combination Therapeutic/Diagnostic for Rheumatoid Arthritis	08/01/2017	319,000
Dealy, Caroline N	Yale University	Proof-of-Concept Efficacy and New-End-Stage Development of a Novel Biologic Targeting the EGFR axis	09/20/2017	10,000
Maye, Peter F	DHHS/NIH/National Institutes of Health	Cherubism and Transforming Growth Factor Beta Signaling	07/14/2017	235,752
Maye, Peter F	DHHS/NIH/National Institutes of Health/University of Hartford	Genetic Analysis of Hyaluronon Function During Synovial Joint Development	08/29/2017	30,000
Rowe, David W	DHHS/NIH/National Institutes of Health	Skeletal Phenotyping of KOMP Mice	07/13/2017	3,970,494
School of Medicine			142 Proposals	\$123,267,348
Calhoun Cardiology Center - CCC			12 Proposals	\$28,866,295
Alessi, Sheila M.	DHHS/NIH/National Institutes of Health	Combining technologies to treat smokers with opioid use disorder	09/29/2017	3,618,567
Liang, Bruce T	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Massachusetts Medical School	UCONN Health Practice Transformation Network	08/24/2017	98,306
Liang, Bruce T	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Massachusetts Medical School	UCONN Health Practice Transformation Network	09/05/2017	1,794,785
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Improving care for opioid use disorder	09/21/2017	3,856,078
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Reducing opioid use and HIV risk behaviors after detoxification	08/18/2017	3,825,969
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Unemployment and illicit drug use	09/19/2017	3,839,465
Rash, Carla	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Reducing hazardous alcohol use in soup kitchen populations	09/28/2017	3,859,533
Rash, Carla	DHHS/NIH/National Institutes of Health	Smoking Cessation Treatments for Homeless Smokers	08/01/2017	3,742,508
Rash, Carla	State of Connecticut/Yale University	A Reinforcement Approach to Increase Use of CGM	07/20/2017	108,393

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Yue, Lixia	DHHS/NIH/National Institutes of Health/Mount Sinai School of Medicine	Baf250a orchestrating a coherent gene expression program to control sinoatrial node development	09/12/2017	63,427
Yue, Lixia	DHHS/NIH/National Institutes of Health/Rutgers University	Regulation of TRPM7 by CNNM Proteins	09/25/2017	183,505
Zajac, Kristyn	DHHS/NIH/National Institutes of Health	Seek, Test, and Reward Adolescents and Young Adults at High Risk for Acquiring HIV	08/29/2017	3,875,759
Cell Analysis Modeling - CCAM			5 Proposals	\$10,900,733
Blinov, Michael	DHHS/NIH/National Institutes of Health	Methods and Tools in Simulation and Analysis of Dynamic Multivalent Molecular Aggregates	08/18/2017	1,595,000
Blinov, Michael	DHHS/NIH/National Institutes of Health	Methods and Tools in Simulation and Analysis of Dynamic Multivalent Molecular Aggregates	09/29/2017	1,595,000
Blinov, Michael	NSF/National Science Foundation	ABI Innovation: Methods and software for linking 'omics and predictive simulations	09/07/2017	631,358
Carson, John H	DHHS/NIH/National Institutes of Health	Pathogenic consequences of expansions and deletions of CGG Repeats in the FMR1 gene	07/13/2017	199,375
Loew, Leslie M	DHHS/NIH/National Institutes of Health	National Resource for Cell Analysis and Modeling	09/19/2017	6,880,000
Cell Biology			4 Proposals	\$3,004,364
Jaffe, Laurinda	ImpactAssets	Maintenance and development of transgenic mice for studies of signal transduction	07/11/2017	272,614
Mehlmann, Lisa M	DHHS/NIH/National Institutes of Health	Cytoplasmic Maturation in Mouse Oocytes	09/21/2017	1,993,750
Smilowitz, Henry	DHHS/NIH/National Institutes of Health/Nanoprobes	Gold Nanoparticle Treatment in Glioma	09/01/2017	638,000
Smilowitz, Henry	Owens (William and Ella) Medical Research Foundation	Gold Nanoparticle Treatment of Glioma	08/07/2017	100,000
Center for Molecular Medicine			2 Proposals	\$2,428,222
Arnold, Andrew	DHHS/NIH/National Institutes of Health/University of Maryland	Parathyroid Tumor Clonal Status as a Biomarker in Primary Hyperparathyroidism	08/01/2017	434,472
Hansen, Marc F	DHHS/NIH/National Institutes of Health	Pagets Recruiter Cell Model	07/26/2017	1,993,750
Center for Public Health			1 Proposals	\$19,985
Clark-Dufner, Petra	Academy of Applied Science	Junior Science and Humanities Symposia (JSHS) Program	07/11/2017	19,985
Center for Quantitative Medicine			3 Proposals	\$708,842
Laubenbacher, Reinhard	NSF/National Science Foundation	Date and Models in the Biosciences	08/18/2017	452,689
Laubenbacher, Reinhard	NSF/National Science Foundation	Modular design of multiscale models, with an application to the innate immune response to fungal respiratory pathogens	07/17/2017	90,000
Mendes, Pedro	DHHS/NIH/National Institutes of Health/Virginia Technical Institute	COPASI software for modeling and simulation of biochemical networks	09/05/2017	166,153
Center for Vascular Biology			4 Proposals	\$1,427,011
Claffey, Kevin P	Health Resources in Action (HRiA)	Targeting Vascular Calcium Channels to Improve Cardiac Ischemia/Reperfusion Injury	07/26/2017	280,000
Finck, Christine M.	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	A retrievable autologous bioengineered esophageal implant as a novel treatment for long-gap esophageal atresia	08/21/2017	789,287

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Fong, Guo-Hua	DHHS/NIH/National Institutes of Health/Pennsylvania State University	Molecularly Regulated Release of Angiogenic Factors from Superporous Hydrogels	07/25/2017	109,317
Murphy, Patrick A	DHHS/NIH/National Heart, Lung, and Blood Institute	Investigation of alternative splicing in response to low and disturbed flow	07/12/2017	248,407
Clinical And Translational Science Institute (CTSI)			1 Proposals	\$65,213
Kuo, Chia-Ling	DHHS/NIH/National Institutes of Health	IPA Assignment Agreement	09/07/2017	65,213
Community Medicine and Health Care			3 Proposals	\$324,796
Tennen, Howard A	DHHS/NIH/National Institutes of Health/Yale University	A Micro-longitudinal Study of Daily Risk and Protective Factors for Prescription Opioid Misuse and Overdose among Women	09/12/2017	177,193
Tennen, Howard A	DHHS/NIH/National Institutes of Health/Yale University	Intensive and longitudinal multilevel biobehavioral assessment to understand binge alcohol intake and relapse	09/13/2017	88,596
Ungemack, Jane A	Trinity Health/Saint Francis Hospital and Medical Center	UConn Evaluation of Well Being 360-Transforming Communities Initiative	09/22/2017	59,007
Dermatology			1 Proposals	\$58,187
Shahriari, Mona	Celgene	A Phase 3 Multi-Center, Randomized, Placebo-Controlled, Double-Blind Study of the Efficacy and Safety of Apremilast (CC-10004) in Subjects with Moderate to Severe Plaque Psoriasis of the Scalp.	09/11/2017	58,187
Diagnostic Imaging and Therapeutics			1 Proposals	\$172,296
Wolansky, Leo I	Guerbet	"Gadolinium Deposition and washout after monthly triple-dose with Lab correlation including Urinalysis BCB and Chemistries"	08/03/2017	172,296
Family Medicine			1 Proposals	\$170,092
Henderson, David	Connecticut Health Foundation	An Intersectoral Initiative to Address Social Determinants of Health and Well-being in a Clinical Setting to Decrease Health Disparities	09/12/2017	170,092
Genetics and Developmental Biology			11 Proposals	\$17,866,394
Carmichael, Gordon G	DHHS/NIH/National Institutes of Health	Nuclear-retained noncoding RNAs	07/13/2017	2,385,693
Chamberlain, Stormy J.	Connecticut Children's Medical Center	Autism Research Center CCMC	08/29/2017	14,464
Chamberlain, Stormy J.	DHHS/NIH/National Institutes of Health	A novel therapeutic approach for Prader-Willi syndrome	09/28/2017	1,993,750
Lee, Se-Jin	DHHS/NIH/National Institutes of Health	Characterization of Myostatin and GDF-11	08/24/2017	1,509,254
Lee, Se-Jin	DHHS/NIH/National Institutes of Health	Single-animal parabiosis using genetic methods in mice	08/01/2017	5,582,500
Li, James Y.H	DHHS/NIH/National Institutes of Health	Molecular Regulation of Lineage Specification of The Mouse Cerebellum	08/03/2017	1,991,404
Machida, Kazuya	DHHS/NIH/National Institutes of Health	Development of single cell multiplexed tyrosine phosphoproteomic assay	09/21/2017	638,000
Pinter, Stefan F	Mallinckrodt (Edward Jr.) Foundation	Safeguarding the inactive X chromosome in human pluripotency	07/24/2017	180,000
Rogina, Blanka	DHHS/NIH/National Institutes of Health	Non-Autonomous Control of Aging in Drosophila	09/26/2017	1,993,750
Young, Erin	DHHS/NIH/National Institutes of Health/University of Connecticut	Center for Accelerating Precision Pain Self Management	08/18/2017	38,205
Young, Erin	DHHS/NIH/National Institutes of Health/University of Connecticut	Sex-specific Genetic Determinants of IBS-related Pain	09/19/2017	1,539,374
Immunology			11 Proposals	\$4,547,497
Adami, Alexander	DHHS/NIH/National Institutes of Health	Role of the Microbiome in Regulating House Dust-Mite Induced Asthma	09/26/2017	49,044
Clark, Robert B	National Multiple Sclerosis Society	TLR Tolerance in Multiple Sclerosis	07/11/2017	675,000

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Kailasan Vanaja, Sivapriya	Hood (Charles H.) Foundation	Innate Defense vs Bacterial Virulence in Hemolytic Uremic Syndrome	09/19/2017	150,000
Matson, Adam	DHHS/NIH/National Institutes of Health/University of Massachusetts, Amherst	Breast milk urea nitrogen is recycled by infant gut bifidobacteria	09/20/2017	156,393
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	R753Q TLR2 and Streptococcus pneumonia infection	09/27/2017	438,625
Medvedev, Andrei	DOD/Department of Defense	The role of long non-coding RNAs in rheumatoid arthritis	07/25/2017	319,000
Puddington, Lynn	DHHS/NIH/National Institute of Allergy and Infectious Diseases/Dartmouth College	Retinoic acid in gut immune homeostasis and infection	08/23/2017	70,676
Radolf, Justin D	Connecticut Children's Medical Center	Senior Scientific Advisor	09/26/2017	140,580
Rathinam, Vijay	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Characterization of noncanonical inflammasome-mediated release of alarmins	07/11/2017	438,625
Vella, Anthony T.	DHHS/NIH/National Institutes of Health/University of Connecticut	Determine the role of apoC-III in the immune system	09/18/2017	115,804
Zhou, Beiyan	DHHS/NIH/National Institutes of Health	The impact of immune cells on adipose MSCs: microRNA regulation	09/26/2017	1,993,750
Medicine			11 Proposals	\$4,352,111
Cavallari, Jennifer	Harvard School of Public Health	A smartphone application for characterizing noise levels and prioritizing intervention strategies	09/26/2017	15,000
Dieckhaus, Kevin D	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	Ryan White Part A Minority AIDS Initiative (MAI) SECOND INSTALLMENT (2 parts/funds Outpt Ambulatory and Tx Adherence)	07/10/2017	104,566
Dieckhaus, Kevin D	DHHS/HRSA/Health Resources and Services Administration/University of Massachusetts Medical School	Aids Education and Training Centers Program	08/07/2017	118,563
Dugan, Alicia	Harvard School of Public Health	Workplace Exposure and Work Ability in Breast Cancer Survivors	09/28/2017	15,000
Groshong, Ashley	Global Lyme Alliance	The Borrelia burgdorferi oligopeptide (Opp) transport system: a critical link to borrelia persistence	08/31/2017	225,000
Kim, Insoo	DHHS/NIH/National Institutes of Health/University of Connecticut	Biodegradable intracranial pressure sensor based solely on medical biomaterials	09/29/2017	177,951
Kim, Insoo	Honda R&D Americas	Pilot study on in-vehicle controls using brain computer interface technology	09/28/2017	49,972
Lo, Wai Hong	DOD/Department of Defense	Development of Targeted Nanoscale Drug Delivery System for Osteoarthritic Cartilage Tissue	07/26/2017	298,175
Schenck, Paula	EPA/Environmental Protection Agency/Scientific Consulting Group	Webinar Contract	09/01/2017	4,200
Villagra, Victor	Community Health Center	Community and Clinical Integration Program (CCIP)	08/07/2017	30,000
Xiao, Liping	DHHS/NIH/National Institutes of Health	Microbiome and Sickle Cell Bone Disease	08/04/2017	3,313,684
Molecular Biology & Biophysics			5 Proposals	\$3,180,085
Bezsonova, Irina	DHHS/NIH/National Institutes of Health	Ubiquitin -Proteasome pathway in Cancer	09/22/2017	1,582,505
Hoch, Jeffrey C	NSF/National Science Foundation	Spokes: MEDIUM: NORTHEAST: National Center for Biomolecular NMR Data Processing and Analysis	09/13/2017	999,837
Paul, Bibbin	DOD/Army/Army Medical Research Acquisition Activity	Sideroflexin4: a target for cisplatin sensitization in ovarian cancer	08/21/2017	249,277
Setlow, Peter	DHHS/NIH/National Institutes of Health/Tufts University	Identifying Factors that Control Germinant Sensitivity During Clostridium Difficile Spore Germination	08/30/2017	14,381

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Torti, Suzy	DHHS/NIH/National Institutes of Health	Iron addiction and the biology of ovarian cancer	07/11/2017	334,085
NEAG Cancer Center (SOM)			3 Proposals	\$41,534
Baccaro, Nancy D	Connecticut Breast Health Initiative	A Brand New You	09/06/2017	9,092
Brewer, Molly A.	Burroughs Wellcome Fund	A Roadmap to the Development of Physician Scientists in Women's Health: Bridging the Gap from Bench to Bedside	09/20/2017	29,750
Clement, Jessica	Hematology/Oncology Pharmacy Association (HOPA)/University of Connecticut	Can Spinners Improve Understanding of Adverse Events in Patients with Cancer	09/13/2017	2,692
Neuroscience			13 Proposals	\$5,905,125
Antic, Srdjan D	DHHS/NIH/National Institutes of Health/State University of New York	Embedded Ensemble Encoding	09/20/2017	155,076
Antic, Srdjan D	Univ. of Belgrade / European Commission	Automated Functional Screening of IgGs for Diagnostics of Neurodegenerative Diseases	09/28/2017	0
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health/University of Connecticut	The functional consequences of SCI on cutaneous nociceptors	07/13/2017	3,233
Baumbauer, Kyle M	University of Connecticut Health Center	REP - THE ROLE OF ASIC3 IN NOCICEPTOR SENSITIZATION FOLLOWING SPINAL CORD INJURY	07/14/2017	50,000
Crocker, Stephen J.	National Multiple Sclerosis Society	Cellular Senescence in Neural Progenitor Cells Limits CNS Remyelination	07/25/2017	647,200
Eipper, Elizabeth A	DHHS/NIH/National Institutes of Health	Biochemistry and Physiology of Peptide Amidation	07/24/2017	47,850
Guzzo, Rosaria M	DHHS/NIH/National Institutes of Health	Interrogating the role of histone methylation for stage-specific regulation of cartilage development	09/18/2017	1,989,585
Levine, Eric S	DHHS/NIH/National Institutes of Health	The role of BDNF-trkB signaling in Angelman syndrome pathophysiology	07/25/2017	438,625
Mains, Richard	DHHS/NIH/National Institutes of Health	Cell Biology of Bioactive Peptide Secretion	09/18/2017	355,538
Martinelli, David C	American Hearing Research Foundation	Determination of the auditory function of the outer hair cell afferent synapses in the mammalian cochlea	07/07/2017	39,768
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Epigenetic and transcriptional regulation of axon growth and regeneration in the CNS	09/25/2017	1,993,750
Verma, Rajkumar	DHHS/NIH/National Institutes of Health	Pharmacological Validation of Sexually dimorphic Post-Stroke Depression Model in Aged Mice	07/07/2017	159,500
Verma, Rajkumar	University of Connecticut Health Center	Examination of the Therapeutic Effect of Vortioxetine (VTX) in Post-stroke Depression	07/07/2017	25,000
Orthopaedic Surgery			16 Proposals	\$7,524,282
Arciero, Robert A	DOD/Department of Defense/University of Connecticut	Improving Soldier Readiness After Traumatic Joint Injury by Targeting Neuromuscular Deficits	09/13/2017	98,510
Khan, Yusuf M	NSF/National Science Foundation	EAGER: Transdermal Acoustic Radiation Force for Bone Regeneration	07/21/2017	200,000
Kia, Cameron	Orthopaedic Research and Education Foundation	Intra-articular Ketorolac versus Corticosteroid versus Hyaluronic Acid for Knee Osteoarthritis	09/15/2017	2,700
Kumbar, Sangamesh G.	DOD/Department of Defense	Biodegradable Nanocomposites for Regeneration of Large Segmental Bone Defects	09/13/2017	1,337,380
Laurencin, Cato	DHHS/NIH/National Institutes of Health/University of Connecticut	Building Infrastructure Leading to Diversity (BUILD) Initiative/Building Scholars Program	07/11/2017	35,370

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Laurencin, Cato	DOD/Department of Defense	Engineered Conducting Polymer Constructs for Volumetric Muscle Loss Treatment - OR170360	09/19/2017	750,000
Laurencin, Cato	DOD/Department of Defense	Injectable Stem Cell-Hydrogel Systems for Knee Osteoarthritis Treatment OR170417	09/19/2017	750,000
Lo, Wai Hong	DHHS/NIH/National Institutes of Health/University of Hartford	Genetic Analysis of Hyaluronan Function during Synovial Joint Development	08/30/2017	30,000
Mazzocca, Augustus	Arthrex	Adhesive and proliferative properties of bursa, tendon, bone and adult mesenchymal stem cells on Amnion strips	09/21/2017	3,867
Mazzocca, Augustus	Arthrex	Arthrex Fellowships 2017-2018	09/12/2017	78,278
Mazzocca, Augustus	Arthrex	Arthrex Orthopaedic Research 2018	09/12/2017	387,891
Nair, Lakshmi S.	Osteo Science Foundation	Optimization of composite PRP delivery system for craniofacial Tissue Regeneration	09/25/2017	100,000
Nukavarapu, Syam	DOD/Department of Defense	Articular Cartilage Regeneration via Resident Chondroprogenitor: mechanisms and utility for healing articular cartilage	09/27/2017	1,195,856
Nukavarapu, Syam	DOD/Department of Defense	Inductive Matrix For Bone	07/11/2017	318,890
Sanjay, Archana	DHHS/NIH/National Institutes of Health	Signaling Mechanisms Regulating Osteoclast Function	09/28/2017	2,170,085
Walker, Joseph	DHHS/NIH/National Institutes of Health/University of Connecticut	Pain Sensitivity in Low Back Pain	09/21/2017	65,455
Pathology And Lab Medicine			1 Proposals	\$8,506
Sharafieh, Roshanak	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Wayne State University	Development of Blood Biomarkers for Clinical Management of Diabetic Foot Ulcers	08/04/2017	8,506
Pediatrics			5 Proposals	\$89,076
Lavigne, Sharon A	DHHS/HRSA/Health Resources and Services Administration/Organization of Teratology Information Services	Reproductive and Environmental Health Network	08/21/2017	50,000
Lavigne, Sharon A	University of California, San Diego	Asthma Medications in Pregnancy Project	09/11/2017	5,000
Salazar, Juan C.	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	HIV/HCV Co-Infection Project (Data Migration for CAREWare)	07/19/2017	14,076
Salazar, Juan C.	DHHS/Office of Adolescent Health/City of Hartford, CT	Hartford Teenage Pregnancy Prevention Initiative (HTTP) Community Mobilization	09/19/2017	5,000
Salazar, Juan C.	DHHS/Office of Adolescent Health/City of Hartford, CT	Hartford Teenage Pregnancy Prevention Initiative (HTTP)/Evidence Based Intervention Partners	09/19/2017	15,000
Psychiatry			19 Proposals	\$28,336,048
Briggs-Gowan, Margaret	Johnson (Robert Wood) Foundation/Child First	Replication of the Child First System of Care	07/06/2017	45,178
Brockett, Daniel R	CT Department of Mental Health and Addiction Services	Development of Behavioral Health Performance Measures	07/20/2017	1,277,743
Bruder, Mary	DHHS/ACL/Administration for Community Living	UCEDD Disabilities Diversity Fellowships	07/10/2017	50,000
Bruder, Mary	DHHS/ACL/Administration for Community Living/CT Department of Developmental Services	Living Well Model Approaches for Enhancing the Quality, Effectiveness & Monitoring of Home & Community Based Services for Individuals with Developmental Disabilities	07/19/2017	485,897
Bruder, Mary	DHHS/HRSA/Health Resources and Services Administration	Leadership Education in Neurodevelopmental and Other Related Disorders Program	08/03/2017	506,504

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Bruder, Mary	ED/Department of Education	Early Childhood Personnel Center II	09/05/2017	10,000,000
Bruder, Mary	ED/Department of Education	Early Intervention Credential	08/21/2017	248,000
Connor, Daniel F	CT Court Support Services Division	Quality Assurance of the Mental Health Education Services for the Juvenile Justice Population	09/19/2017	152,900
Ford, Julian D	DHHS/HRSA/Health Resources and Services Administration/CT Department of Mental Health and Addiction Services	Disaster Behavioral Health Response Network	07/28/2017	790,085
Gelbar, Nicholas	ED/Department of Education	Adapting the self-determined learning model of instruction for middle and high school students with Autism Spectrum	08/18/2017	398,640
Gelbar, Nicholas	ED/Department of Education/University of Connecticut	Empowering Teachers with Technology Skills in Transition (Empower 3T)	08/04/2017	249,655
Gelbar, Nicholas	Growing Possibilities dba Roses for Autism	UCEDD's Autism Training Program	08/18/2017	20,822
Ginsburg, Golda S	ED/Department of Education	Enhancing the Capacity of School Nurses to Reduce Excessive Anxiety in Children: An Efficacy Trial of the CALM...	07/27/2017	3,300,000
Kamath, Jayesh	Janssen Biotech	"A Double-blind, Randomized, Placebo-controlled Study to Evaluate the Efficacy and Safety of Intranasal Esketamine in Addition to Comprehensive Standard of Care for the Rapid Reduction of the Symptoms of Major Depressive Disorder, Including Suicidal Ideation, in Adult Subjects Assessed to be at Imminent Risk for Suicide"	08/22/2017	0
Kaminer, Yifrah	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Cont'd Care for Youth with Alcohol and/or Cannabis Use Disorder and Co-Occurring Depression	09/11/2017	3,763,267
Kaminer, Yifrah	DHHS/NIH/National Institutes of Health	Testing the efficacy of incentive, family, and m-health intervention components for adolescent cannabis use	09/13/2017	4,004,622
Pearson, Geraldine	CT Court Support Services Division	Emily J Homecare Project	07/24/2017	121,800
Steffens, David C.	DHHS/AHRQ/Agency for Healthcare Research and Quality/University of Connecticut	Treatment of Depression in Older Adult	09/19/2017	20,000
Wang, Lihong	DHHS/NIH/National Institutes of Health	Effect of Stress Across the Lifespan on Brain Aging and Cognitive Decline	09/25/2017	2,900,935
Surgery			3 Proposals	\$2,232,532
Smith, Phillip	DHHS/NIH/National Institutes of Health	Non-Autonomous Aging Detrusor as a Response to Urothelial Factors	09/29/2017	2,000,924
Smith, Phillip	DHHS/NIH/National Institutes of Health/University of Connecticut	Mechanisms of DRG Stimulation to Modulate Visceral Afferent Function	07/10/2017	0
Smith, Phillip	DHHS/NIH/National Institutes of Health/University of Connecticut	Targeting Lumbosacral DRG to Manage Visceral Pain in IBS	09/28/2017	231,608
UConn Center on Aging			6 Proposals	\$1,038,122
Haynes, Laura	Connecticut Innovations/Multiclona Therapeutics	Preclinical Models of Human Lung Regeneration in COPD	08/18/2017	80,742
Haynes, Laura	DHHS/NIH/National Institutes of Health	Lymph node stroma: The highway to age-related immune impairment?	07/21/2017	438,625
Holmes, Courtney D	EPA/Environmental Protection Agency/Gerontological Advanced Practice Nurses Association	Quality Improvement of Geriatric Nursing Chronic Care Management Program	09/21/2017	5,000
Kuchel, George A	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Impact of microbiota on mucosa-associated T cells & chronic inflammation during accelerated immune ageing HIV	08/18/2017	265,409

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Kuchel, George A	Novartis Pharmaceuticals	"A 29 Week, randomized, double-blind, placebo-controlled, multi-center, parallel group dose range finding study to assess the effect of monthly doses of bimagrumab 70, 210 and 700 mg on skeletal muscle strength and function in older adults with Sarcopenia"	08/07/2017	134,046
Robison, Julie	Southern Gerontological Society	Editor-in-Chief of <i>SGS's Journal of Applied Gerontology</i>	07/20/2017	114,300
Other UConn Health			5 Proposals	\$3,542,723
Other UConn Health			5 Proposals	\$3,542,723
Brownell, Elizabeth	AMAG Pharmaceuticals/Connecticut Children's Medical Center	Synergistic relationship between fucosyltransferase 2 genotype of maternal milk and offspring genotype as related bioactive components of maternal milk and pup gut colonization a preliminary mechanistic mouse study	08/29/2017	37,605
Inaba, Mayu	DHHS/NIH/National Institutes of Health	Nanotube-mediated regulation of niche-stem cell signaling	09/28/2017	1,993,750
Jaffe, Laurinda	ImpactAssets	Physiological Functions of the NPR2 Guanylyl Cyclase	09/19/2017	276,791
Morosky, Christopher M.	Association of Professors of Gynecology and Obstetrics Medical Education Foundation	Women's Health Basic Science Educational Videos	07/10/2017	50,000
Rowe, David W	DHHS/NIH/National Institutes of Health/University of California, Berkeley	Mussel-inspired anchoring of lubricating protein PRG4 onto tissue and device surfaces	07/07/2017	1,184,577
University of Connecticut Health			158 Proposals	\$135,703,098
Grand Total			517 Proposals	\$294,288,210