



Office of the Vice President for Research

List of Proposals Submitted

FY2017 3rd Quarter

January 1, 2017 – March 31, 2017

Volume 17.3

UConn

UConn
HEALTH

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			54 Proposals	\$17,014,350
Agricultural and Resource Economics			7 Proposals	\$3,312,437
Andreyeva, Tatiana	DHHS/CDC/Centers for Disease Control and Prevention	Evaluation of Food Assistance Policies on Population-level Risk Factors for Diabetes	02/13/2017	3,081,843
Andreyeva, Tatiana	CT Department of Public Health	Enhancing Nutrition Training of Child Care Providers in the State of Connecticut	02/24/2017	8,170
Andreyeva, Tatiana	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Increasing Participation in the Child and Adult Care Food Program (CACFP)	02/28/2017	50,907
bovay jr., John	USDA/Agricultural Marketing Service	Economic Experiments to Study Demand for Connecticut Greenhouse Vegetables	03/27/2017	45,578
bovay jr., John	USDA/Agricultural Marketing Service	Improvements of Marketing Connecticut Agriculture through Farmers' Markets	03/27/2017	33,940
Pomeroy, Robert S	DOC/NOAA/Oceanic and Atmospheric Research/University of Hawaii at Manoa	Assessing and Building Adaptive Capacity to Address Climate Change Impacts on Fishing Communities and Fisheries Resources in Micronesia	03/31/2017	17,000
bovay jr., John	USDA/Agricultural Marketing Service/CT Department of Agriculture	Economic Viability of Selected Enterprises to Promote Farming and Land Preservation in Connecticut	03/29/2017	74,999
Allied Health Sciences			2 Proposals	\$5,769,164
Copenhaver, Michael M	DHHS/NIH/National Institutes of Health	Testing a Bio-Behavioral Primary HIV Prevention Intervention Among High-Risk People Who Use Drugs	01/06/2017	3,772,803
Harris, Jennifer L	Johnson (Robert Wood) Foundation	Encouraging Industry and Government Action to Reduce Marketing Unhealthy Foods to Children: Phase V	01/27/2017	1,996,361
Animal Science			2 Proposals	\$650,814
Andrew, Sheila M	Walker (George) Milk Research Fund	Preliminary Studies to Evaluate the Use of Ultrasound Technology to Reduce Antibiotic Use for Mastitis Control in Dairy Cows	03/02/2017	15,824
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture/USDA/Agricultural Research Service	One-Two Punch for Organic Poultry Processing: Knocking out Foodborne Pathogens with Plant-Derived Antimicrobials and Specialized Food Safety and Processing Training	01/12/2017	634,990
Extension			8 Proposals	\$1,381,791
Barrett, Juliana	Town of Old Lyme, CT	Mapping Emergency Evacuation Information for Old Lyme	02/21/2017	1,200
Barrett, Juliana	DOC/NOAA/National Ocean Service/Connecticut Fund for the Environment	Living Shoreline for East Shore Park, New Haven, CT	03/03/2017	59,113
Martin, Jennifer L	USDA/Food and Nutrition Service/CT Department of Education	Laying the Foundation for a Statewide Farm to School Launch	03/23/2017	87,547
Valiquette, Edith L	Disney Conservation Fund/National 4-H Council	Connecting Youth to Nature	01/26/2017	17,600
Martin, Jennifer L	USDA/Agricultural Marketing Service	Discover CT Grown - A Co-Marketing Strategy for Increasing Consumers of Local Food	03/27/2017	499,831
Griffiths-Smith, Faye I	Consumer Federation of America	Connecticut Saves Week 2017 Campaign	02/17/2017	1,500
Cushman, Jennifer E	USDA/National Institute of Food and Agriculture	4-H Children Having Agricultural Relationships Get Empowered by STEM (4-H CHARGES!)	03/29/2017	640,000
Barrett, Juliana	DOC/NOAA/National Ocean Service/University of Rhode Island	Collaborative Regional Evaluation and Technical Expertise (CREATE) for Developing Coastal Resilience	03/03/2017	75,000
Kinesiology			16 Proposals	\$881,332
Distefano, Lindsay	American Council on Exercise	Physical Literacy Assessment in Children	01/10/2017	10,665

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OFFICE OF THE VICE PRESIDENT FOR RESEARCH

Report for Quarter Ending: 03/31/2017

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Casa, Douglas J	BrainScope Company	Validation of Brain Function Assessment Algorithm for mTBI from Injury to Rehabilitation in College Athletes	01/19/2017	116,261
Colburn, Abigail T	Graduate Women in Science	Effects of Competitive Ultraendurance Events on Appetite and Metabolism	01/13/2017	10,000
Lepley, Lindsey K	DHHS/NIH/National Institutes of Health/University of Michigan	MiACLR: Michigan Initiative for ACL Rehabilitation	01/12/2017	88,017
Lee, Elaine C	Graduate Women in Science	Genome-Wide Transcriptional Profiles of Circulating Immune Cells During Exercise and Dehydration Stress	01/13/2017	10,000
Pescatello, Linda S	American College of Sports Medicine	A Comparison of the Practice of Two Tai Chi Interventions Tailored for Different Health Outcomes	01/20/2017	10,000
Taylor, Beth	Not Available/American Heart Association	Near Infrared Spectroscopy (NIRS) to Diagnose Statin-Associated Muscle Symptoms	02/06/2017	153,955
Mazerolle, Stephanie M	Spencer Foundation	Perceptions of Organizational Socialization and Role Balance from New Athletic Training and Physical Therapy Faculty Members	02/01/2017	50,000
Mazerolle, Stephanie M	National Athletic Trainers Association	Organizational Culture's Effect on Injury Treatment Decision Making	02/13/2017	2,500
Mazerolle, Stephanie M	National Athletic Trainers Association	Faculty Perspectives on Doctoral Mentoring and the Development of the Athletic Training Faculty Member	02/08/2017	11,500
Casa, Douglas J	Eastern Connecticut State University	Athletic Training Services: A Relationship Between ECSU and UCONN	02/17/2017	114,144
Distefano, Lindsay	National Athletic Trainers Association	Emergency Action Planning Policy Adoption in Secondary School Athletics	02/14/2017	2,500
Distefano, Lindsay	National Athletic Trainers' Association Research and Education Foundation	Comprehensive High School Sport Safety: A Personalized Approach for the Local Implementation of Best Practice Initiatives	02/14/2017	56,789
Distefano, Lindsay	National Athletic Trainers Association	Variability in Neuromuscular Control in Youth Female Basketball Athletes over One Athletic Season	02/15/2017	2,500
Mazerolle, Stephanie M	Eastern Athletic Trainers' Association	Perceptions of Transition and Role Balance for New Athletic Training and Physical Therapy Faculty Members	03/15/2017	9,979
Casa, Douglas J	Biotechnology High Performance Computing Software Applications Institute	Validation of Internal Body Temperature and Physiological Measures During Exercise and Rest	03/30/2017	232,522
Natural Resources and the Environment			6 Proposals	\$1,027,960
Robbins, Gary A	DOI/United States Fish and Wildlife Service/CT Department of Energy and Environmental Protection	Hydrologic Factors Influencing BOG Turtle Populations	02/23/2017	29,059
Fahey, Robert T	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: Disentangling the Mechanistic Effects of Ecosystem Physical and Biological Structure on Production	01/23/2017	
Warner, Glenn S	DOI/United States Geological Survey	FY2017 Annual Application 104B Water Resources	01/27/2017	87,970
Huang, Min T	DOI/United States Fish and Wildlife Service/CT Department of Energy and Environmental Protection	A Connecticut Bird Atlas	02/24/2017	309,094
McKinney, Melissa A	EPA/Environmental Protection Agency	Environmental Pollutant-Gut-Microbiota-Pathogen Interactions: Insight from the Polar Bear as a Sentinel for Human Health in the Arctic	03/02/2017	599,837
Vokoun, Jason	American Wildlife Conservation Foundation	Conservation Planning in Constrained Landscapes: Addressing Economic and Social Tradeoffs in a Proposed Refuge Expansion	02/01/2017	2,000
Nutritional Sciences			2 Proposals	\$184,342
Blesso, Christopher N	Dannon	The Potential Prebiotic Role of Dietary Milk Sphingomyelin	02/13/2017	24,842
Kohan, Alison	DHHS/NIH/National Institutes of Health	Resolving the Actions of ApoC-III in the Intestine, where Overexpression of Human ApoC-III Stimulates Anti-Inflammatory Tregs and IL-10	02/16/2017	159,500

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Pathobiology			5 Proposals	\$1,591,053
Geary, Steven J	DOS/Department of State	Brucellosis: Regional Engagement for Education and Zoonosis Eradication - Jordan 2017 (BREEZE-J17)	02/03/2017	499,899
Geary, Steven J	DOS/Department of State	Brucellosis: Regional Engagement for Education and Zoonosis Eradication - Turkey 2017 (BREEZE-T17)	02/03/2017	499,980
Risatti, Guillermo	DOS/Department of State	Detection of Highly Pathogenic Viral Diseases of Swine (HPVS) at the India (Mizoram State)-Myanmar (Chin State) Border Region	02/03/2017	464,391
Geary, Steven J	NSF/National Science Foundation	Population-Level Phase Variable Surface Protein Gene Expression Modeling of Mycoplasma Gallisepticum in Response to Ecological Pressures In-Vivo	01/19/2017	0
Vankruiningen, Herbert J	Pfizer	Elucidating the Role of Chlamydia in Lymphangitis and Crohn's Disease	03/17/2017	126,783
Plant Science and Landscape Architecture			6 Proposals	\$2,215,457
Rackliffe, Steven	National Turfgrass Evaluation Program	2016 National Perennial Ryegrass Test	02/23/2017	7,500
Rackliffe, Steven	New England Regional Turfgrass Foundation	Construction of Brinkman Athletic Field Traffic Simulator	02/22/2017	10,000
Wang, Huanzhong	DHHS/NIH/National Institute of General Medical Sciences	Control of Vascular Meristem Initiation and Activity in Arabidopsis Stem	02/06/2017	2,005,000
McAllister, Janet C	USDA/National Institute of Food and Agriculture/University of Vermont	Coordinator, Professional Development Program, Northeast SARE	02/27/2017	163,374
Guillard, Karl	New England Regional Turfgrass Foundation	Leveraging NERTF Funding for the USGA Project: Solvita Soil Test Kits to Categorize Golf Course Fairway Responsiveness to N Fertilization	02/24/2017	29,583
Berkowitz, Gerald	NSF/National Science Foundation	IOS Preliminary Proposal: Use of a Unique Plant Biosensor for Localized Elevations of cAMP for Testing a Model for a New Component of Brassinosteroid Hormone Signal Transduction	01/19/2017	0
College of Liberal Arts and Sciences			144 Proposals	\$66,329,857
Anthropology			3 Proposals	\$211,006
Smith, Chrystal	NSF/National Science Foundation/University of South Florida	Collaborative Research: NRT-INFEWS: Systems Thinking Training for Research ON Geography-Based Coastal Food Energy Water Systems (STRONG-CFEWS)	02/03/2017	159,274
Willen, Sarah	NSF/National Science Foundation	Doctoral Dissertation Research: Accounting for the Experiences of People with Down Syndrome in Clinical Settings	01/17/2017	21,279
McBride, Kevin A	NSF/National Science Foundation	Doctoral Dissertation Research: Human-Landscape Interactions and Response to Holocene Sea-Level Rise and Climate Change in Coastal New Hampshire, USA	01/20/2017	30,453
Chemistry			9 Proposals	\$5,323,123
Angeles-Boza, Alfredo M	NASA/National Aeronautics and Space Administration	Site-Specific Isotopic Analyses Through Decarboxylation of Meteoritic Amino Acids	03/31/2017	
He, Jie	Moore (Gordon and Betty) Foundation	Artificial Enzymes for CO2 Conversion	03/01/2017	675,000
Mani, Tomoyasu	Moore (Gordon and Betty) Foundation	Triplet-based Organic Solar Cells	03/01/2017	675,000
Pinkhassik, Evgueni	DHHS/NIH/National Institutes of Health	Catch and Release of siRNA with Porous Nanocapsules	02/16/2017	453,238
Suib, Steven L	NSF/National Science Foundation	An Integrated Theoretical and Experimental Research for MFI-Zeolite-Based High Temperature Gas Sensors	01/17/2017	788,507
Basu, Ashis K	DHHS/NIH/National Institutes of Health	Biological Effects of DNA Adducts of Aromatic Amine and Nitro Compounds	03/06/2017	2,575,378
Suib, Steven L	United Technologies-Aerospace Systems	UTAS Center of Excellence: High-Temperature Composites	02/10/2017	50,000

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Kumar, Challa V	NASA/National Aeronautics and Space Administration/Mark O'Neill	25x Space Fresnel Lens Concentrator Using 4(+) Junction IMM Solar Cells and Nictinastic Graphene Radiators to Mitigate LILT Effects for Outer Planet Missions	01/20/2017	31,000
Zhao, Jing	Dreyfus (Camille and Henry) Foundation	Manipulating Excitons in Colloidal Quantum Dots by Plasmonic Structures	02/08/2017	75,000
Ecology and Evolutionary Biology			14 Proposals	\$1,068,457
Urban, Mark C	National Geographic Society	Springs of Resilience in a Changing Arctic: The Role of Tundra Springs for Arctic Grayling Survival	03/31/2017	30,438
Bush, Andrew M	Evolving Earth Foundation	Effects of Extinction on Ecological Gradients in Late Devonian Brachiopods	03/01/2017	1,274
Jockusch, Elizabeth L	NSF/National Science Foundation	IOS Preliminary Proposal: Testing Hypotheses for the Developmental Basis of a Morphological Novelty in Treehoppers	01/18/2017	0
Trumbo, Stephen T	NSF/National Science Foundation	IOS Preliminary Proposal - RUI: Microbial Semiochemicals as Behavioral and Ecological Organizers for Animals	01/18/2017	0
Tingley, Morgan W	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: Multi-Decadal Responses of Plant and Bird Communities to Environmental Change in the Southern Appalachian Mountains	01/23/2017	
Yuan, Yaowu	NSF/National Science Foundation	IOS Preliminary Proposal: Developmental Genetics of Corolla Tube Formation, a Key Morphological Innovation During Angiosperm Evolution	01/19/2017	0
Yuan, Yaowu	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: Genetic Origin, Developmental Mechanism, and Evolutionary Consequence of a Novel Leaf Phenotype in Monkeyflowers (<i>Mimulus</i>)	01/23/2017	0
Wegrzyn, Jill L	NSF/National Science Foundation	Preliminary Proposal: Applying Associative Transcriptomics and Metagenomics to Evaluate Adaptation to Acid Rain in Hardwood and Conifer Species	01/23/2017	
Garcia-Robledo, Carlos A	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: Using Demographic Networks to Predict Plant-Herbivore Coextinctions Under Projected Global Warming	01/23/2017	
Bush, Andrew M	Evolving Earth Foundation	Paleoenvironmental Selectivity of the Frasnian-Famennian Extinction in the Appalachian Basin	03/01/2017	1,233
Bush, Andrew M	NSF/National Science Foundation	Collaborative Research: Drivers of Selective Mass Extinction: Insight from Integrated Paleontological and Geochemical Records	02/22/2017	261,898
Wegrzyn, Jill L	NSF/National Science Foundation	DIMENSIONS: Collaborative Research: Phylogenetic and Environmental Complexity Drive Local Adaptation and Species Interactions for Long-Lived Conifers of the Arid West	02/20/2017	301,504
Garcia-Robledo, Carlos A	NSF/National Science Foundation	Dimensions: Collaborative Research: Biotic and Abiotic Drivers of Neotropical Plant Speciation	02/20/2017	150,000
Elphick, Christopher	CT Department of Energy and Environmental Protection	Modeling Connecticut's Avian Assemblage	01/26/2017	322,110
Economics			3 Proposals	\$551,999
Prakash, Nishith	Russell Sage Foundation	Poverty, Preference Admissions, College Access, and Intergenerational Mobility	03/01/2017	7,000
Ross, Stephen L	DOJ/National Institute of Justice	Scholars in Race and Crime Research: Confounding Factors in the Evaluation of Policing Data - Developing a Better Counterfactual	03/31/2017	499,999
Zhao, Kai	Boston College	Does Allowing Women to Retire Early Really Benefit Them?	01/31/2017	45,000
English			5 Proposals	\$157,197
Courtmanche, Jason C	ED/Department of Education/National Writing Project Corporation	FASTTRACK: Leadership Institute to Invest in Developing New Teacher-Leaders	02/07/2017	15,000
Coundouriotis, Eleni	NEH/National Endowment for the Humanities	Narratives of Torture through History: The Empathic Reader in Context	03/01/2017	90,950

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Deans, Thomas	Burroughs Wellcome Fund/University of Connecticut Health Center	The UConn Health Writing Program for Biomedical Science Trainees	03/06/2017	11,247
Courtmanche, Jason C	National Writing Project Corporation	The Arts Teach (Everything): Using the Arts to Explore Literacy, Citizenship, and Identity	03/16/2017	20,000
Courtmanche, Jason C	National Writing Project Corporation	NWP CRWP-SEED Professional Development in a High-Need Middle or High School	01/18/2017	20,000
Geography			3 Proposals	\$3,124,625
Zhang, Chuanrong	NSF/National Science Foundation	INFEWS/T2: A Spatial Decision Support System at the Nexus of Food, Bioenergy, Biodiversity, and Water Systems	03/06/2017	2,499,999
Ouimet, William B	NSF/National Science Foundation	Collaborative Proposal: FACET: Linking Records of Paleoelevation and Paleooerosion in the Taiwan Arc-Continent Collision	01/13/2017	580,439
Dasgupta, Debanuj	National Centre for Research Methods (NCRM)/Loughborough University	From New York to London: South Asian Queer Migration and Displacement	02/27/2017	44,187
History			1 Proposals	\$50,400
Costigliola, Frank	NEH/National Endowment for the Humanities	The Contingent Cold War and the Integrated Thought of George F. Kennan	02/06/2017	50,400
Human Development and Family Studies			7 Proposals	\$2,182,445
Watson, Ryan	American Psychological Foundation	An Intersectional Approach to Advance Understanding of School Achievement, Health Behaviors, and Family Experiences of LGBTQ Youth	02/17/2017	10,000
Puhl, Rebecca M	American Heart Association	American Heart Association Postdoctoral Fellowship -Himmelstein	02/10/2017	103,328
Russell, Beth S	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	Improving Pain Self-Management in Adolescents and Parents through Distress Tolerance (IPASE-DT)	01/30/2017	214,311
Gans-Deluca, Kim	DHHS/NIH/National Institute of Nursing Research/Brown University	Testing a Multilevel, Multicomponent, Multigenerational Dietary Intervention to Improve Southeast Asian Children's Diets	01/18/2017	982,812
Eaton, Lisa A	DHHS/NIH/National Institutes of Health	Unified Intervention to Address PrEP Cascade for BMSM	01/04/2017	720,375
Puhl, Rebecca M	Australian Research Council/Monash University	Impact of Food Addiction Models of Obesity on Stigma, Weight and Policy	02/24/2017	9,418
Gans-Deluca, Kim	DHHS/NIH/National Institutes of Health/University of Rhode Island	A Home-Based Video and Motivational Interviewing Intervention to Improve Preschoolers Diet Quality and Parental Food Parenting Practices	01/31/2017	142,201
Integrative Geoscience			2 Proposals	\$732,036
Fernandes, Anjali M	Water Institute of the Gulf/Tulane University	Using Satellite Radars and Fluid Withdrawal Records to Advance Subsidence Research in Coastal Louisiana	01/25/2017	19,748
Gillingham, Julie C	NSF/National Science Foundation	Laboratory Technician Support: The University of Connecticut Geo-Thermochronology Center	02/08/2017	712,288
Linguistics			2 Proposals	\$633,829
Lillo-Martin, Diane C	NSF/National Science Foundation	Bimodal Bilingual Code-Blending: Language Synthesis	01/31/2017	374,974
Sprouse, Jon	DHHS/AHRQ/Agency for Healthcare Research and Quality/University of California, Irvine	Assessing Input Quality and the Development of Complex Syntactic Knowledge in Children From Low Socioeconomic Backgrounds	02/07/2017	258,855
Marine Sciences			19 Proposals	\$4,665,557
Ward, J E	Hudson River Foundation	Microplastics in the Hudson River Estuary Environment and its Implication for Uptake by Filter-Feeding Shellfish: A Potential Threat to Environment and Human Health	01/16/2017	198,053

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Mason, Robert	Hudson River Foundation	Evaluating the Impacts of Human and Climate Disturbance on Mercury Dynamics and Bioaccumulation in Benthic and Pelagic Organisms in the Hackensack Sub-Estuarine System	01/16/2017	197,507
Vaudrey, Jamie	RecycleCT Foundation	Composting Seaweed to Recycle Nutrients and Improve Water Quality	01/19/2017	10,000
Granger, Julie	NSF/National Science Foundation	Collaborative EAGER: Detection Limit in Marine Nitrogen Fixation Measurements: Constraints of Rates from the Mesopelagic Ocean	01/20/2017	47,418
Ward, J E	NSF/National Science Foundation	NSF-IOS-BSF: Rethinking Biological Filtration: Intrinsic Versus Extrinsic Controls on Feeding Efficiency in Marine Suspension Feeders	01/19/2017	
Lombardo, Kelly	NSF/National Science Foundation	Collaborative Research: The Michigan Thunderstorm and Marine Experiment (MITMEX)	01/31/2017	453,912
Baumann, Hannes	DOC/NOAA/Oceanic and Atmospheric Research	Mining Long-Term Archives of Georges Bank Haddock Scales and Otoliths to Infer Plastic and Evolutionary Responses to Climate Variability and Fishing	01/30/2017	440,180
Bucklin, Ann	DOC/NOAA/Oceanic and Atmospheric Research	Time-Series Evaluation of Prey-Selectivity of the Copepod Calanus Finmarchicus and Impacts on Fish and Fisheries in the Gulf of Maine	02/22/2017	114,999
Mason, Robert	NSF/National Science Foundation	US GEOTRACES Pacific Meridional Transect: Determination of the Air-Sea Exchange of Inorganic and Methylated Mercury in the Anthropogenically-Impacted and Remote Pacific Ocean	02/14/2017	285,106
Whitney, Michael	NSF/National Science Foundation	Collaborative Research: Eddy Mediated Estuary Exchange in the Gulf of St. Lawrence	02/15/2017	425,806
Lin, Senjie	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	Identification of Phytoplankton Collected from Long Island Sound 2017	03/30/2017	103,000
O'Donnell, James	DOC/NOAA/National Ocean Service/Nature Conservancy	Increasing Resilience and Reducing Risk through Successful Application of Nature Based Coastal Infrastructure Practices in New England	03/15/2017	163,286
Tobias, Craig R	DOD/Department of the Navy/DOD/Navy/Naval Facilities Engineering Command (NAVFAC)	Stable-Isotope Labeled Tracers, an Innovation Way to Validate Natural Attenuation of RDX in Groundwater	03/03/2017	270,000
Dierssen, Heidi	NASA/National Aeronautics and Space Administration/University of New Hampshire	Developing a Cyanobacteria Metric for Harmful Algal Blooms from Remote Sensing Data across Satellite Platforms	02/27/2017	69,164
Dierssen, Heidi	NASA/National Aeronautics and Space Administration/University of Texas, Rio Grande Valley	A Seagrass Carbon Monitoring System	02/23/2017	227,995
Vaudrey, Jamie	New England Interstate Water Pollution Control Com/Harbor Watch	Exploring, Interpreting, and Synthesizing the IEC District Long-term Water Quality Dataset	02/16/2017	8,087
Edson, James B	NSF/National Science Foundation	Collaborative Research: Investigations of Air-Sea Interactions Using Continuous Measurements from the Ocean Observing Initiative (OOI) Surface Moorings	02/15/2017	458,967
Bucklin, Ann	NSF/National Science Foundation	Collaborative Research: Born to Bloom: Population Genomics of the Salp, Salpa Aspera, in the NW Atlantic Slope Water	02/15/2017	611,947
McManus, George B	NSF/GEO/Directorate for Geosciences	Collaborative Research: Combining single-cell and community `omics to assess in situ functional diversity of marine planktonic ciliates	02/15/2017	580,130
Mathematics			8 Proposals	\$451,300
Yan, Xiaodong	Simons Foundation	PDE Problems from Materials Science and Fluid Dynamics	01/23/2017	42,000
Lozano-Robledo, Alvaro	Simons Foundation	Torsion Points on Elliptic Curves - Collaboration Grant	01/27/2017	42,000
Dzhafarov, Damir	Simons Foundation	Computability Theory, Reverse Mathematics, and Combinatorics	01/27/2017	42,000
Chousionis, Vasileios	Simons Foundation	Analysis and Dynamics on Carnot Groups	01/30/2017	42,000
Lu, Guozhen	Simons Foundation	Geometric and Functional Inequalities and Applications to PDEs	01/30/2017	42,000

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Sengupta, Ambar N	Simons Foundation	Geometric Structures from Gauge Theories and Infinite-Dimensional Analysis	01/31/2017	42,000
Roby, Thomas	Simons Foundation	Dynamical Algebraic Combinatorics & Birational Rowmotion	01/31/2017	42,000
Valdez, Emiliano	Society of Actuaries	Applying Data Mining Techniques in Actuarial Science	03/17/2017	157,300
Molecular and Cell Biology			17 Proposals	\$4,785,352
Goldhamer, David J	NASA/National Aeronautics and Space Administration/University of Hartford	Determination of the Muscle Stem Cell Lineage by Single-cell Transcriptomics	03/08/2017	8,000
Lynes, Michael A	DHHS/NIH/National Institutes of Health/Health Research	Antenatal Stress Proteins Modify Offspring Neuroendocrine and Immune Functions	02/24/2017	901,050
Klassen, Jonathan	NSF/BIO/Directorate for Biological Sciences	Dimensions: Horizontal Transfer of Secondary Metabolite Genes as a Driver of Microbial Community Structure	02/21/2017	1,737,690
Giardina, Charles A	DHHS/NIH/National Institutes of Health	Targeting Centrosome Defects in Cancer	02/21/2017	424,351
Lynes, Michael A	DHHS/NIH/National Institutes of Health/Albany Medical Center	Maternal Obesity, Oxidants, and Metallothionein Dysregulate Neonatal Immunity	02/02/2017	790,120
O'Neill, Rachel J	DHHS/NIH/National Institutes of Health/University of South Carolina	Genomic Analysis of Autism-Like Traits in Peromyscus (Deer Mice)	02/03/2017	135,982
Graf, Joerg	DHHS/NIH/National Institutes of Health/Yale University	Mechanisms of Non-Alcoholic Fatty Liver Disease in Obese Youth	01/27/2017	128,200
Papke, Robertson T	NSF/National Science Foundation	Preliminary Proposal: Is Bacterial and Archaeal Diversity Structured by Geography in Hypersaline Environments?	01/23/2017	
Hird, Sarah M	NSF/National Science Foundation	Preliminary Proposal: Investigating the Interaction Between the Mitochondria and the Microbiome Across Hybrid Zones	01/23/2017	
Campellone, Kenneth G	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Formin 1 is a Modifier of Kidney Disease in Alport Syndrome	01/24/2017	355,270
Gogarten, Johann P	NSF/National Science Foundation	Preliminary Proposal: SG: Cooperation, Cheating, and Selfishness in Microbial Populations - A Genomic and Metagenomic Based Investigation	01/23/2017	
Broderick, Nichole A	NSF/National Science Foundation	IOS Preliminary Proposal: Mechanisms of Microbiome-Dependent Effects on Animal Development and Homeostasis	01/19/2017	0
Graf, Joerg	NSF/National Science Foundation	IOS preliminary proposal: Residents, Tourists and Invaders: Identifying Mechanisms that Prevent the Invasion by and Engineering Probiotic Defenders as Countermeasure	01/19/2017	0
Noll, Kenneth M	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: The Adaptation of Horizontally-Acquired Genes is Affected by the Nature of Subsequent Selective Forces	01/16/2017	0
Cole, James L	NSF/National Science Foundation	Acquisition of a State-of-the-Art Analytical Ultracentrifuge for Research and Education	01/11/2017	219,737
Lynes, Michael A	DHHS/NIH/National Institutes of Health/Ciencia	SPR Microarray Instrumentation for High Content Analysis of Toxic Chemicals	01/03/2017	66,952
O'Neill, Rachel J	NSF/National Science Foundation	Collaborative Research: Impact of a Novel Retrotransposon Expansion on Centromere Function	01/17/2017	18,000
Physics			3 Proposals	\$1,601,845
Berrah, Nora	DOD/Department of Defense	Molecular Dynamics Imaging from within at The Femto and Alto-Second Timescale using FELs	01/24/2017	910,845
Kharchenko, Vasili A	Chaikin-Wile Foundation	Time-Dependent Kinetics and Collective Phenomena in Biological Systems	03/31/2017	660,000
Gai, Moshe	United States-Israel Binational Science Foundation	Measurement of Neutron Interactions With 7Be and the Primordial 7Li Problem	02/06/2017	31,000

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Physiology and Neurobiology			16 Proposals	\$17,206,472
Tzingounis, Anastasios	DHHS/NIH/National Institutes of Health	KCNQ2/3 Channels and Interneuron Physiology	03/06/2017	1,975,250
Conover, Joanne	DHHS/NIH/National Institutes of Health	Eph-Ephrin Signaling Facilities Dynamic Interactions within the Brain	03/06/2017	1,963,669
Chen, Xinnian	Helmsley (Leona M. and Harry B.) Charitable Trust/Yale University	National Academies Summer Institute on Undergraduate Education	03/07/2017	50,000
Nishiyama, Akiko	National Multiple Sclerosis Society	Neuronal-Activity Dependent Regulation of Remyelination by Chromatin Remodeling	01/27/2017	811,554
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Regulation of Photoreceptor Metabolism	01/24/2017	61,514
Tzingounis, Anastasios	DHHS/NIH/National Institutes of Health	UConn Postbaccalaureate Research Education Program (PREP)	01/24/2017	2,034,909
De Blas, Angel L	Citizens United for Research in Epilepsy	A Novel Strategy for Seizure Prevention in Temporal Lobe Epilepsy	01/30/2017	50,000
Mulkey, Daniel K	American Epilepsy Society	Role of Respiratory Control in Seizure Propensity and SUDEP	01/31/2017	30,000
Shin, Dong-Ju	DHHS/NIH/National Institutes of Health	The microRNA Control of Alcoholic Liver Injury and Hepatic Lipid Metabolism	02/06/2017	2,005,000
Wang, Li	American Heart Association	Integrating microRNA with lipid and glucose metabolism in fatty liver disease	02/10/2017	110,456
Loturco, Joseph J	DHHS/NIH/National Institutes of Health	Developmental Pathophysiology in Neocortex Caused by Somatic Mutations	02/21/2017	1,945,504
Mulkey, Daniel K	DHHS/NIH/National Institutes of Health	Role of KCNQ2 Channels in Control of Breathing	03/06/2017	2,163,410
Yang, Zhihong	DHHS/NIH/National Institutes of Health	Integrating LncRNA to Methionine Metabolism in Alcoholic Liver Disease	02/13/2017	771,618
Hawkins, Virginia E	American Heart Association	Vascular CO2 Reactivity in Alzheimer's and Vascular Dementia	02/14/2017	231,000
Mulkey, Daniel K	DHHS/NIH/National Institutes of Health/University of Texas Health Science Center at Houston	Stroke Disordered Breathing Across Age and Gender and its Impact on Neurological Recovery and Mortality	03/16/2017	1,027,336
Jackson, Alexander C	DHHS/NIH/National Institutes of Health	Inhibitory Cell Types and Circuits in the Lateral Hypothalamus	03/06/2017	1,975,252
Political Science			1 Proposals	\$244,694
Richards, David L	NSF/National Science Foundation	Collaborative Research: Profiting from Torture: The Economic & Legal Landscapes	01/11/2017	244,694
Psychological Sciences			23 Proposals	\$21,835,445
Gibbons, Frederick	DHHS/NIH/National Institute on Drug Abuse	Health Behaviors among Young Black Adults: Risk and Resilience	02/08/2017	117,921
Kalichman, Seth C	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Comparative Effectiveness Trial for Retention, Adherence and Health	02/22/2017	99,783
Dixon, James A	NSF/National Science Foundation	Non-Equilibrium Thermodynamics of Learning in Dissipative Networks	01/25/2017	844,282
Johnson, Blair T	DHHS/NIH/National Institute on Aging/Columbia University	InCHIP Healthy Habits Systematic Review Project	01/03/2017	713,107
Frank, Till	NSF/National Science Foundation	Affordances and Adaptation: Obtaining New Insights with the Help of the Quasi-Attractor Theory of Synergetics	01/30/2017	658,367
Large, Edward W	NSF/National Science Foundation	IOS Preliminary Proposal: Collaborative Research: Temporal Dynamics as a Determinant of Affiliative Behavior in Bonobos and Bottlenose Dolphins	01/19/2017	
Chen, Chi-Ming	DHHS/NIH/National Institute of Mental Health/Drexel University	Well Child Lens: Web-Based Screening and Monitoring for Autism in Toddlers	01/18/2017	140,179
Magnuson, James S	NSF/National Science Foundation	Computational Approaches to Human Spoken Word Recognition	02/01/2017	487,451
Naigles, Letitia	DHHS/NIH/National Institutes of Health	Brain Correlates and Early Predictors to School-Age Language	02/06/2017	2,188,375

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Altmann, Gerald	DHHS/NIH/National Institutes of Health	Multiple Object-Instantiation During Language Comprehension	02/02/2017	3,629,078
Large, Edward W	NSF/National Science Foundation	Rhythmic Neural Networks: Theory and Experiment	02/01/2017	604,597
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health	How compensatory plasticity is mediated by homo-, hetero- and homeostatic synaptic changes	02/06/2017	2,736,260
Magnuson, James S	NSF/National Science Foundation	NRT-UTB-DESE: Science of Learning, from Neurobiology to Real-World Application: A Problem-Based Approach	02/07/2017	2,999,855
Gorin, Amy	DHHS/NIH/National Institutes of Health/University of Texas, Austin	Optimizing Romantic Partner Support of Weight Loss	02/10/2017	81,472
Coppola, Marie	NSF/National Science Foundation/Rochester Institute of Technology	PIRE: "Multimodal Multilingual Development in Multiple Environments (M3-PIRE)"	03/31/2017	53,382
Fitch, Roslyn H	Simons Foundation	Transgenic Mouse Models of Perceptual Acoustic Enhancements in ASD	03/09/2017	69,830
Park, Crystal	DHHS/NIH/National Institutes of Health	Innovative Approaches to Substance Use Treatment in College Students	03/20/2017	698,310
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health	Optimal Outcomes in ASD: Adult Functioning, Predictors, and Mechanisms	03/06/2017	3,748,444
Park, Crystal	DHHS/NIH/National Cancer Institute/Connecticut Children's Medical Center	Improving Quality of Life for Pediatric Cancer Patients and Parents through Yoga: A Randomized Clinical Trial	03/01/2017	1,111,332
Park, Crystal	Templeton (John) Foundation	Development and Validation of a Measure of Implicit and Explicit Religious Beliefs	03/01/2017	216,494
Fein, Deborah A	Autism Speaks	An Online Parent Training to Improve Parenting Knowledge, Self-efficacy & Parent/Child Communication	03/06/2017	64,000
Burke, Jeffrey D	DHHS/NIH/National Institutes of Health	Describing the Salience of Frustrative Non-reward and Temper Loss in Chronic Irritability	02/15/2017	422,574
Astur, Robert	DHHS/NIH/National Institutes of Health	The Effects of Nicotine on Learned Fear in Humans Using Virtual Reality	02/16/2017	150,352
Sociology			2 Proposals	\$155,018
Cheng, Hsu-Chih	Spencer Foundation	Effects of Parental Overinvolvement on Child Outcomes from Elementary to Middle School	02/01/2017	50,000
Voyer, Andrea M	American Council of Learned Societies	Emily Post's Etiquette: Web-Based Tools for Searching and Analyzing the Emily Post Digital Corpus	01/25/2017	105,018
Speech, Language and Hearing Sciences			1 Proposals	\$77,029
Grela, Bernard	ED/Office of Special Education and Rehabilitative Services/University of Connecticut Health Center	Interdisciplinary Sequence in Early Childhood Intervention for Master's Degree Students in Speech, Language & Hearing and in Special Education	03/06/2017	77,029
Statistics			5 Proposals	\$1,272,028
Wang, Haiying	NSF/National Science Foundation	BIGDATA:F:Collaborative Research:Optimal Subsampling for Big Data and Rare Events Data	03/22/2017	365,707
Ravishanker, Nalini	NSF/National Science Foundation	Collaborative Research: TRIPODS: NE Consortium for the Advancement of Data Science (NECADS)-Foundations of High Performance Techniques for High-Dimensional & High-Frequency Data	03/13/2017	825,000
Zhang, Yuping	Alzheimer's Association	Integrative Analyses to Investigate Heterogeneity in Alzheimer's Disease	03/01/2017	
Harel, Ofer	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Connecticut Health Center	State Innovation Model/Round Two of Funding for Design and Test Assistance	02/23/2017	39,321
Wang, Xiaojing	Simons Foundation	Bayesian Modeling & Inference of Latent Structures in Personalized Learning	01/31/2017	42,000
NEAG School of Education			13 Proposals	\$56,839,103

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Curriculum and Instruction			2 Proposals	\$1,968,366
Wilson, Suzanne	NSF/National Science Foundation/Rutgers University	STEM+C: Teacher Professional Development in Computational Thinking (CTPDe)	03/22/2017	750,078
Dostal, Hannah M	ED/Office of Special Education and Rehabilitative Services	The Literacy-Language Collaborative: Preparing Professionals to Support the Literacy Development of Children who are Deaf or Hard of Hearing	03/06/2017	1,218,288
Education Dean			1 Proposals	\$50,006,123
Anagnostopoulos, Dorothea	ED/Department of Education	Network for Educational Renewal through Residencies	03/24/2017	50,006,123
Educational Leadership			2 Proposals	\$92,284
Michno, Jennifer A	Hartford Foundation for Public Giving	UCAPP Curriculum Design	02/22/2017	20,700
Dougherty, Shaun M	DHHS/NIH/National Institutes of Health/University of California, Santa Barbara	The Effect of Full-Day Kindergarten on Child Health Outcomes	01/18/2017	71,584
Educational Psychology			8 Proposals	\$4,772,330
Sugai, George M	ED/Office of Special Education and Rehabilitative Services/University of Oregon	National Center on Positive Behavioral Interventions and Supports	02/21/2017	250,000
Sugai, George M	ED/Office of Special Education and Rehabilitative Services/University of Oregon	National Center on Positive Behavioral Interventions and Supports	02/21/2017	150,000
Sanetti, Lisa M	ED/Office of Special Education and Rehabilitative Services	Project PSYCHS2 - (School) Psychologists Serving Youth through Coordinated Health Services in Schools	02/06/2017	1,248,960
Coyne, Michael D	ED/Department of Education	Project NeXus II	02/06/2017	1,127,452
Hines, Erik M	NSF/National Science Foundation	Collaborative Research: Windows of Opportunity-Understanding Black Male Engineers in the Pursuit of Advanced Degrees	02/06/2017	199,109
Renzulli, Joseph S	Cooke (Jack Kent) Foundation	Young Scholars Senior Summer Program	03/31/2017	299,999
Young, Michael F	NSF/National Science Foundation	Learning Computational Thinking in the Context of Energy Consumption and the Internet of Things (LComTECIT)	03/29/2017	1,250,001
Lombardi, Allison	ED/Department of Education/CT Department of Education	Post-School Outcomes Survey of CT Special Education Students	01/20/2017	246,809
School of Business			2 Proposals	\$33,150
Finance			2 Proposals	\$33,150
Carstensen, Fred V	Niagara Bottling	Evaluating the impacts of construction and operation of a plant in Bloomfield CT	02/17/2017	23,350
Carstensen, Fred V	National Diaper Bank Network	Projecting the Dynamic Benefits of the New Haven Diaper Bank	02/22/2017	9,800
School of Engineering			118 Proposals	\$41,173,981
Biomedical Engineering			10 Proposals	\$2,206,571
Han, Martin	DHHS/NIH/National Institutes of Health/University of Southern California	Steerable Focused-Acoustic Neural Stimulation with Micron-Level Selectivity	01/17/2017	355,440
Kaputa, David F	Stanford Children's Health	2017-2018 Clinical Engineering Internship at Stanford Health	02/03/2017	76,658
Hoshino, Kazunori	NSF/National Science Foundation	Mechanical Analysis of Evolving Heterogeneity in 3D Normal and Tumorigenic Tissues	01/13/2017	450,000
Feng, Bin	NSF/National Science Foundation	Understanding the Multiscale Mechanics of Nerve Endings to Address Visceral Pain	01/12/2017	432,481

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Chon, Ki	DHHS/NIH/National Institutes of Health/Mobile Sense Technologies	Waterproof Leadless Armbands for Continuous Wireless Monitoring for Atrial Fibrillation	01/05/2017	39,999
Chon, Ki	DOD/Navy/Naval Sea Systems Command (NAVSEA)/Duke University	Identification of Narcotizing Gas Thresholds	03/31/2017	55,208
Zheng, Guoan	NSF/National Science Foundation	Development of Microscopic Virtual Reality System with 360 View Angle and Force Sensing Feedback	03/06/2017	481,846
Kaputa, David F	ABM Health	2017-2019 Clinical Engineering Internship at ABM Healthcare	02/08/2017	123,480
Kaputa, David F	International Shared Services (ISS) Solutions	2017-2018 Clinical Engineering Internship at Geisinger Medical Center	02/03/2017	131,040
Chon, Ki	DOD/Department of the Army/Duke University	Does Heart Rate Variability Predict Impairment of Operational Performance in Divers?	02/01/2017	60,419
Chemical and Biomolecular Engineering			14 Proposals	\$4,712,242
Sun, Luyi	NASA/National Aeronautics and Space Administration/University of Hartford	Nanocoatings to Increase the Barrier Properties and Thermal Insulation for Aerospace Products	03/09/2017	8,000
Maric, Radenka	DOE/Department of Energy/United Technologies-Research Center	Solid Oxide Electrolysis Cell Deposition on Metal Substrate by RSDT	02/15/2017	77,000
Sun, Luyi	EPA/Environmental Protection Agency	Carbon Dioxide Capture Using Hydrated Sodium Carbonate Powders	02/03/2017	15,000
Maric, Radenka	DOE/Department of Energy	Catalysts for Electrochemical CO2 Capture and Electrochemical Conversion of Ethanol	01/31/2017	0
McCutcheon, Jeffrey R	DOI/Department of the Interior	Developing Module-System Performance Relationships for Forward Osmosis System	01/18/2017	149,965
Willis, Brian G	NSF/ENG/Directorate for Engineering	Tunable Plasmonic Nanostructures by Atomic Layer Deposition	03/20/2017	6,000
McCutcheon, Jeffrey R	USDA/Department of Agriculture	Demonstrating Forward Osmosis for Manure Concentration	01/09/2017	1,075,712
Nieh, Mu-Ping	Moderna Therapeutics	Moderna Therapeutics Sponsored Research Agreement	03/02/2017	84,373
Mustain, William	DOE/Office of Energy Efficiency and Renewable Energy	Industrial Assessment Center at the University of Connecticut	03/13/2017	680,000
Sun, Luyi	NASA/National Aeronautics and Space Administration/University of Hartford	Bio-inspired Mechanochromic Devices for Aerospace Applications	03/13/2017	13,000
Maric, Radenka	NSF/National Science Foundation/Rutgers University	NM: Layered Manufacturing of Nanostructured Materials	01/10/2017	750,000
Lei, Yu	NSF/National Science Foundation	Continuous, Green, Sustainable Nanomanufacturing for Flexible Paper-Based High-Efficiency Enzyme-Cascade Bioreactor	01/13/2017	1,500,000
McCutcheon, Jeffrey R	NSF/National Science Foundation	Electrospray Polymerization for Tunable Polyamide Film Formation	01/13/2017	337,192
Sun, Luyi	NSF/ENG/Directorate for Engineering	Controlling Microstructure of Hybrid Thin Films through Flow Induced Orientation	03/31/2017	16,000
Civil and Environmental Engineering			17 Proposals	\$3,565,748
Lownes, Nicholas	National Academy of Sciences/Stantec	Evaluating Compatibility Zoning at General Aviation Airports	02/08/2017	65,376
Anagnostou, Emmanouil N	NASA/National Aeronautics and Space Administration	Characterization and Modeling of Passive Microwave Precipitation Uncertainty over Complex Terrain	01/31/2017	45,000
Jackson, Eric D	CT Department of Transportation	Connecticut Pedestrian Safety Study and Strategic Plan Development	02/08/2017	236,972
Li, Baikun	DOE/Department of Energy	UCR AOI 1-3: Low Cost, Real-Time, in Situ Continuous Measurement of Water Quality using Self-powered Wireless Milli-electrode Array (WiMEA) Sensor Package	02/17/2017	399,999
Mellor, Jonathan E	DHHS/NIH/National Institutes of Health	Identifying Climate Impacts on Diarrhea Pathogen Pathways and Taxa in Ethiopia	02/16/2017	418,291

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Ivan, John N	CT Department of Transportation	Estimation of Local Road AADT Using Demographic, Land Development and Geospatial Data	02/28/2017	137,000
Chrysochoou, Maria	NSF/National Science Foundation	A Bottom-up Approach to Design of Chemical Soil Stabilization Using Thermodynamic Modeling	03/13/2017	294,973
Zhang, Wei	DOC/NOAA/Oceanic and Atmospheric Research	An Integrated Modeling and Decision Making Tool for Resilient Coastal Community	03/15/2017	1,101,206
Esmaili Zaghi, Arash	NSF/ENG/Directorate for Engineering	REU Site: Research Experience in Cyber and Civil Infrastructure Security for Students with ADHD: Fostering Innovation	03/13/2017	20,000
Esmaili Zaghi, Arash	NSF/ENG/Directorate for Engineering	REU Site: Research Experience in Cyber and Civil Infrastructure Security for Students with ADHD: Fostering Innovation	03/22/2017	30,000
Bagtzoglou, Amvrossios C	EPA/Environmental Protection Agency/CT Department of Public Health	Environmental Engineering Internships	03/30/2017	10,000
Li, Baikun	NSF/ENG/Directorate for Engineering	REU Supplement: PFI: AIR-TT: Prototype Development and Demonstration of Milli-Electrode Array (MEA) as Real-Time In Situ Profiling Device in Wastewater Treatment Systems	03/31/2017	12,000
Christenson, Richard	NSF/National Science Foundation	EAGER: Collaborative Research: Aeroelastic Real-Time Hybrid Simulation - A New Concept for Wind Engineering Testing	01/20/2017	118,262
Astitha, Marina	EPA/Environmental Protection Agency	Prediction of Harmful Algal Blooms Combining Weather, Air Quality, and Ecosystem Models with Satellite and In-Situ Measurements	01/04/2017	311,169
Konduri, Karthik C	New York Metropolitan Transportation Council/Cambridge Systematics	Consultant Planning Service Agreements (PSA4) for NYMTC	01/13/2017	0
Kim, Jeongho	United Technologies-Pratt & Whitney	UConn - Compression Systems: Composites Manufacturing, Analysis and Test	01/30/2017	65,500
Zhang, Wei	NSF/National Science Foundation	CRISP Type 1: Integrated Human-Physical-Cyber System Modeling Framework for Critical Chemical Infrastructures	02/08/2017	300,000
Computer Science and Engineering			11 Proposals	\$5,147,107
Wang, Bing	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	REU: SCH: EXP: Life Rhythm: A Framework for Automatic and Pervasive Depression Screening Using Smartphones	03/30/2017	10,800
Han, Song	NSF/National Science Foundation	II-New: A Hybrid Software-defined Real-time Sensing and Control Network Testbed for Performance-critical Cyber-Physical Applications	01/18/2017	547,638
Huang, Chun-Hsi	NSF/National Science Foundation	Cyber Training: DSE: Extreme-Scale Scientific Data Analytics: Principles and Practice	01/18/2017	488,029
Wang, Bing	NSF/National Science Foundation	Using Technology to Improve Communitywide Mental Health and Wellness	02/16/2017	99,961
Peters, Thomas J	DHHS/NIH/National Institutes of Health	Modeling the Neurodevelopment Impact of Hydrocephalus	02/16/2017	449,499
Sheehy, Donald R	DOD/Air Force Research Laboratory/Alion Science and Technology	Topological Detection of Geometric Structure	02/17/2017	208,500
Duggirala, Parasara S	NSF/National Science Foundation	Numerical and Symbolic Techniques for Verification and Synthesis of Cyber-Physical Systems	03/06/2017	497,372
Han, Song	NSF/National Science Foundation	Collaborative: Towards a Two-way Communication Framework with Verifiable Authenticity and Integrity in Resource-constrained Industrial IoT Networks	03/16/2017	149,547
Khan, Mohammad M	DOD/Office of the Secretary of Defense	Proposal White Paper	03/20/2017	881,944
Rajasekaran, Sanguthevar	NSF/National Science Foundation	BIGDATA: IA: Learning and Big Data Techniques to Accelerate the Discovery of Biomaterials	03/22/2017	1,789,554
Han, Song	NSF/National Science Foundation/University of California, Santa Cruz	SCC-Planning: Towards a Virtual Reality Based Smart Community for People with Visual Impairments	02/14/2017	24,263

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Connecticut Transportation Institute			2 Proposals	\$309,986
Mahoney, James M	DOT/Federal Highway Administration/CT Department of Transportation	Northeast Autonomous Vehicle Summit	03/17/2017	30,028
Mahoney, James M	DOT/Federal Highway Administration/CT Department of Transportation	Development of a Digital Design Environment for CTDOT - Task #24	03/03/2017	279,958
Electrical and Computer Engineering			18 Proposals	\$5,511,473
Jain, Faquir C	DOD/DARPA/Defense Advanced Research Projects Agency	Variable Magnetic Flux Generator Employing Rotating Thin Disk Arrays	03/22/2017	1,103,695
Pattipati, Krishna R	Toyota Research Institute	Machine Learning Approaches for Adaptive Prognostics and Diagnostics of IGBT Failures	03/20/2017	50,906
Wang, Lei	NSF/National Science Foundation	CPS: Medium: Collaborative Research: An In-plant Sensing and Analysis System for Proactive Mitigation of Environmental Stresses in Crops	03/06/2017	394,738
Park, Sung Yeul	NSF/National Science Foundation	CPS: Small: Live-in Battery Management Systems Powered by Impedance Measurement and Cloud Computing	03/06/2017	500,000
Zhang, Liang	NSF/National Science Foundation	CPS: Medium: Collaborative Research: Attack-Resilient Cyber-Physical Systems: Scalable Design, Analysis and Testbed Verification	03/06/2017	659,198
Wang, Lei	NSF/National Science Foundation/University of Arkansas	INFEWS/T3: ASSISTANCE: A SenSing and Modeling SysTem enAbling EfficieNt use of ResourCEs	03/03/2017	400,000
Javidi, Bahram	Electronics and Telecommunications Research Institute (ETRI)	3D Augmented Reality	02/28/2017	10,000
Javidi, Bahram	DOD/Department of the Army	Passive Three-Dimensional Imaging in Low Light Levels with Mobile Devices	02/17/2017	203,130
Jain, Faquir C	NSF/National Science Foundation	EAGER: Cladded Quantum Dot Superlattices to Design and Fabricate Novel Lasing Diodes on Si	02/13/2017	39,514
Bazzi, Ali	DOD/Department of Defense/Qualtech Systems	Diagnosis-Driven Prognostics and Health Management of Lead Acid Batteries in Military Ground Vehicles	02/07/2017	49,661
Willett, Peter K	DOD/Missile Defense Agency/Toyon	Integrated Bias Estimation and Tracking for EO/IR Fused Systems	02/08/2017	299,924
Bazzi, Ali	NSF/National Science Foundation	NRT-IGE: Multidisciplinary Cohort-Thesis in Energy Systems: A Pilot Program	02/07/2017	499,986
Bazzi, Ali	NASA/National Aeronautics and Space Administration/Qualtech Systems	Predictive Analytics Based Power Demand Estimation & Diagnosis-Driven Prognosis for Autonomous Electrical Power Systems	01/18/2017	42,707
Wang, Lei	NSF/National Science Foundation	Collaborative Research: Operation-Oriented Design and Reliability Improvement of Transient Electronics for Environmentally Benign Applications	01/13/2017	249,362
Zhang, Liang	NSF/National Science Foundation	Collaborative Research: Analysis and Control of Customizable Manufacturing Systems: Theory and Application	01/13/2017	238,683
Zhang, Peng	NSF/National Science Foundation	MRI: Development of a Software-Defined Electric Distribution Network Instrument for Research in Smart and Connected Communities	01/11/2017	699,739
Dani, Ashwin	ABB	Automatic Training Sample Generation for Object Recognition	01/05/2017	41,709
Javidi, Bahram	Nikon	3D Optical Sensing and Imaging Using Nikon's Optical Components and Devices: Applications to Real-Time Automated Health Monitoring	02/23/2017	28,521
Engineering Dean			4 Proposals	\$2,484,262
Wei, Mei	NSF/National Science Foundation	DMREF: An Integrated Computational and Experimental Framework for Efficient Design and Fabrication of Biodegradable Composites for Perforated Bone Plates	01/17/2017	1,000,000
Bozorgmanesh, Hadi	Connecticut Innovations	The Third Bridge	02/10/2017	114,262

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Accorsi, Michael L	DOD/NAVY/Office of Naval Research	Southeast New England Naval STEM Coalition: Advancing the Navy's STEM Education and Workforce Capabilities	03/22/2017	1,320,000
Wei, Mei	DHHS/NIH/National Institutes of Health/OrteoPoniX	Development of an Osteoinductive Bone Graft Substitute with Sustained Drug Delivery	01/03/2017	50,000
Engineering Diversity Program			1 Proposals	\$2,255,197
Burkey, Daniel D	NSF/National Science Foundation	Pathways to Engineering (PEN): Creating a Seamless Transition for Community College Students	03/29/2017	2,255,197
Materials Science and Engineering			14 Proposals	\$6,522,451
Hebert, Rainer J	DOE/Department of Energy/HiFunda	Fabrication of Extreme Environment Materials for Large Parts Using Additive Manufacturing Methods	02/07/2017	49,000
Huey, Bryan	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Characterization and Mapping of Acoustic Radiation Force for Bone Repair	02/01/2017	267,129
Alpay, Pamir	United Technologies-Aerospace Systems	UTAS Center for Excellence - Searching for Novel Additive Manufacturable Aluminum Alloys for Aerospace Applications	02/08/2017	150,000
Hebert, Rainer J	United Technologies-Pratt & Whitney	Computational and Experimental Studies of Laser-Powder Interactions for Additive Manufacturing	01/24/2017	60,100
Nakhmanson, Serge M	NSF/National Science Foundation	DMREF: Collaborative Research: Adaptive Design Principles for Functional Molecular Ferroelectric Materials	01/17/2017	300,000
Huey, Bryan	NSF/National Science Foundation	MRI: Development of Tomographic Atomic Force Microscopy for Nanoscale Volumetric Materials Property Mapping and Machining	01/11/2017	998,939
Ramprasad, Ramamurthy	NSF/National Science Foundation	DMREF: A Framework for the Accelerated Design of Functional Polymers	01/11/2017	1,592,048
Gao, Puxian	NSF/ENG/Directorate for Engineering	SNM: Scalable and Sustainable Hydrothermal Manufacturing of Nano-array based Low Temperature Diesel Oxidation Catalysts	03/15/2017	8,000
Hebert, Rainer J	DOD/Air Force Research Laboratory/HiFunda	Additive Manufacturing of Landing Gear Components by Selective Laser Melting	02/07/2017	49,000
Hebert, Rainer J	DOD/NAVY/Office of Naval Research	Novel Al-Transition Metal-Rare Earth Metal Alloys for Additive Manufacturing of Naval Components	02/15/2017	415,784
Singh, Prabhakar	DOE/Department of Energy	Topic 2A: Durable, High-Performance Materials and Interfaces for Advanced Water Splitting	02/21/2017	1,000,001
Huey, Bryan	DOE/Department of Energy/Case Western Reserve University	Determination of Real-world Power Change Rates in PERC Modules using Novel Characterization Techniques	03/01/2017	210,000
Lee, Seok-Woo	American Chemical Society/Petroleum Research Fund	Strong, but Compliant Hybrid Organic-Inorganic Nanocomposite	03/16/2017	110,000
Gao, Puxian	DOE/Department of Energy	Multifunctional Nano-Array Integrated Monoliths for Cold-start and Low-temperature Emissions Control	03/24/2017	1,312,450
Mechanical Engineering			27 Proposals	\$8,458,944
Tang, Jiong	United Technologies-Aerospace Systems	Complex Housing Optimization	02/17/2017	65,817
Lu, Tianfeng	NASA/National Aeronautics and Space Administration	Reduced Kinetic Models with Fuel Sensitivity for Turbulent Combustion Simulations	02/16/2017	300,000
Zhao, Xinyu	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	CRII: ACI: Efficient Radiative Heat Transfer Modeling in Large-Scale Combustion Systems	03/29/2017	8,000
Chiu, Wilson K	NSF/National Science Foundation	Collaborative Research: The Role of 3-D Grain Boundary Conductivity Enhancement in Mixed Ionic-Electronic Conductors	01/16/2017	240,000
Norato Escobar, Julian A	NSF/National Science Foundation	Collaborative Research: Bone Adaptation-Driven Design of Scaffolds with Spatially-Varying Architecture for Enhanced Growth	01/13/2017	284,279

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Fan, Tai-Hsi	NSF/National Science Foundation	Prediction and Removal of Surface Defects for Additive Manufacturing	01/13/2017	330,023
Tasoglu, Savas	DHHS/NIH/National Institutes of Health/MBiotics	A Point-of-Care Platform for Monitoring Sickle Cell Disease	01/05/2017	45,000
Li, Ying	NSF/National Science Foundation	Collaborative Research: Synthesizing High-Performance Thermoelectric Metastructures with Phonon Engineering & Functional Additive Manufacturing	01/13/2017	183,815
Li, Ying	NSF/National Science Foundation	Collaborative Research: An Integrated Theoretical, Experimental and Computational Study of the Interfacial Self-Healing of Nanocomposite Hydrogels	01/13/2017	183,815
Cao, Chengyu	NSF/National Science Foundation	Collaborative Research: Temperature Field Reconstruction using Adaptive Acoustic signals Generated by Novel Diaphragm-Based Optical Fiber Actuators	01/13/2017	124,308
Tasoglu, Savas	NSF/National Science Foundation	Advanced Monitoring and Control of Self-Contained, Inexpensive and Portable Device for Sickle Cell Disease Diagnosis	01/13/2017	459,144
Cetegen, Baki	United Technologies-Pratt & Whitney/United Technologies Corporation	Review of Heat Transfer Modeling Approaches for Combustor Liners	01/27/2017	81,595
Tasoglu, Savas	Cancer Disparities Research Network	Flow Assisted, Low Cost, Mobile Magnetic Cytometry for Circulating Tumor Cell Detection and Monitoring	03/31/2017	10,000
Pierce, David M	DHHS/NIH/National Institutes of Health/University of Colorado, Boulder	Imaging and Analysis of Cartilage Gradients to Predict OA Progression in Vivo	03/31/2017	1,330,202
Tang, Jiong	NSF/National Science Foundation	BIGDATA: IA: Collaborative Research: From Bytes to Watts - A Data Science Solution to Improve Wind Energy Reliability and Operation	03/22/2017	274,999
Li, Ying	American Chemical Society/Petroleum Research Fund	Fundamental Insights into Molecular Selectivity of Synthetic Membranes Through Molecular Simulations	03/17/2017	110,000
Li, Ying	NSF/National Science Foundation	S12-SSE: Collaborative Research: Building an Efficient Toolkit for Multiphysics and Multiscale Coupling	03/07/2017	205,162
Cetegen, Baki	United Technologies-Pratt & Whitney	Temperature and Mixture Fraction Measurements Upstream of Flame Stabilization Location in Jet in Cross Flow	03/08/2017	9,994
Tasoglu, Savas	NASA/National Aeronautics and Space Administration	Automated Continuous Health Monitoring from Urine	03/31/2017	599,999
Zhang, Dianyun	DOE/Idaho Operations Office/Utah State University	Experiment and Multiscale Modeling of Slow Crack Growth of SiC/SiC Composites in Operating Reactor Environments.	02/14/2017	160,000
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Biodegradable Intracranial Pressure Sensor Based Solely on Medical Biomaterials	02/15/2017	427,926
Pasaogullari, Ugur	DOE/Department of Energy/Sustainable Innovations	Emergency Hydrogen Refueler	02/07/2017	40,013
Lu, Tianfeng	DOD/Department of Defense/CFD Research Corporation	Efficient Combustion Chemistry Model Development with Uncertainty Quantification	02/07/2017	45,000
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	One Step Surgical Procedure for the Treatment of Bone Defects with Short Term Treatment of Osteogen Small Molecule	02/02/2017	250,581
Cao, Chengyu	NSF/National Science Foundation	A Novel Medical Snake-Robot Made out of Optical Fibers	02/02/2017	448,668
Sung, Chih-Jen	DOD/Department of Defense/Innovative Scientific Solutions	A Fast, Accurate and Robust Combustion-Chemistry Module for JP-8 Fuel for Use in 3-D CFD Codes	01/30/2017	30,000
Pierce, David M	DHHS/NIH/National Institutes of Health	Accumulation of Microtrauma and Loss of Function in Articular Cartilage	02/06/2017	2,210,604
School of Fine Arts			1 Proposals	\$123,440
School of Fine Arts			1 Proposals	\$123,440
Bowen, Kenneth	NSF/National Science Foundation/TheBeamer	Independent Science Learning through Serious Games with Expert Avatars and Complementary Stories	02/24/2017	123,440
School of Nursing			11 Proposals	\$3,488,930

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
School of Nursing			11 Proposals	\$3,488,930
Starkweather, Angela R	DHHS/NIH/National Institutes of Health/University of Maryland, Baltimore County	Physiological, Psychological, and Genomic Factors that Predict the Transition from Acute to Chronic Pain in Patients with Traumatic Lower Extremity Fracture	03/20/2017	68,280
Alexander, Ivy M	DHHS/HRSA/Health Resources and Services Administration	PCNP CUPS: Primary Care NPs Caring for Underserved Communities, an Innovative Clinical-Academic Partnership to Enhance Graduate NP Preparation for Practice	01/25/2017	1,046,901
McGrath, Jacqueline M	Connecticut Children's Medical Center	Agreement for McGrath Research Services for CCMC	02/08/2017	138,463
McGrath, Jacqueline M	National League for Nursing	Integration of Innovation and Health Solutions: Does it Matter?	02/08/2017	23,858
Baumbauer, Kyle M	Allen Foundation	Targeting ASIC3 for Disruption of Nociceptor Sensitization Following Spinal Cord Injury	02/06/2017	50,000
McCauley, Paula	Macy (Josiah), Jr. Foundation	COordinated Pain-management Education with Practice Applications for INTERprofessionals (COPE with PAIN)	02/17/2017	221,552
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health	Targeting ASIC3 to Disrupt Nociceptor Sensitization Following Spinal Cord Surgery	02/16/2017	431,032
Starkweather, Angela R	DHHS/NIH/National Institutes of Health/Virginia Commonwealth University	Veterans Integrative Pain Pragmatic Effectiveness Research (VIPER)	02/17/2017	126,792
Judge, Michelle P	DHHS/NIH/National Institutes of Health	Adaptive Symptom Care with Exercise and Nutritional Directives with Breast Cancer (ASCEND BCA)	02/27/2017	461,510
Shellman, Juliette M	DHHS/NIH/National Institute of Nursing Research	The STARR Program: STudents Advancing Reminiscence Research using a Community Engaged Approach	02/27/2017	460,646
Starkweather, Angela R	DHHS/NIH/National Institutes of Health/Children's Hospital of Philadelphia	Genetic, Psychological, and Behavioral Contributors to Stress Reactivity and Response in Emerging Adults with Childhood Chronic Health Conditions	02/03/2017	459,896
School of Pharmacy			19 Proposals	\$7,733,292
Pharmaceutical Sciences			16 Proposals	\$6,204,506
Zhong, Xiaobo	American Foundation for Pharmaceutical Education	Impact of Drug Treatment at Neonatal Ages on Variability of Drug Metabolism and Drug Interactions in Adult Life	01/18/2017	10,000
Wiemer, Andrew J	American Foundation for Pharmaceutical Education	Mechanisms of Leukemia Cell Death Induced by Novel Geranylgeranyl Diphosphate Synthase Inhibitors	01/18/2017	10,000
Balunas, Marcy J	American Foundation for Pharmaceutical Education	Investigation of Natural Products for the Treatment of Traumatic Brain Injury	01/18/2017	10,000
Kendall, Debra A	DHHS/NIH/National Institutes of Health	Revealing the roles of CB1 Conformation and Phosphorylation in its Biased Signaling	03/30/2017	438,625
Wiemer, Andrew J	Cancer Research Institute	Stimulation of Gamma-Delta T Cells Using HMBPP Phosphonate Analogs and Prodrugs as a Cancer Immunotherapy	03/31/2017	175,500
Wright, Dennis	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Identification of Small-molecule Inhibitors of Fbw7-mediated DISC1 Protein Degradation	03/07/2017	79,000
Rasmussen, Theodore	DHHS/NIH/National Institutes of Health	Control of Apolipoprotein Expression by Noncoding RNA	03/06/2017	1,965,731
Kendall, Debra A	DHHS/NIH/National Institutes of Health	In Vitro Evaluation of Newly Discovered CB2 Selective Agonists for Therapeutics	03/02/2017	159,500
Balunas, Marcy J	American Chemical Society/Petroleum Research Fund	Investigation of Host-Microbe Symbioses for Novel Antimicrobial Compounds as Chemical Defense Mechanisms	03/01/2017	26,600
Hadden, Kyle	DHHS/NIH/National Cancer Institute	Identification of Small Molecule Scaffolds that Modulate ATRX Function	02/27/2017	159,500
Vinogradova, Olga	American Heart Association	The Role of Integrins Clustering in Src-Mediated Signaling	02/15/2017	154,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Hadden, Kyle	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Targeting Pathological Vascular Permeability through Endothelial PLC-beta and TRP Channel Calcium Pathways	02/15/2017	540,801
Zhong, Xiaobo	DHHS/NIH/National Institutes of Health	The role of long non-coding RNAs in the regulation of drug metabolism	02/02/2017	1,975,249
Burgess, Diane J	DOE/Office of Energy Efficiency and Renewable Energy	Continuous Manufacturing of Complex Dosage Form	01/30/2017	0
Burgess, Diane J	Juvenile Diabetes Research Foundation (JDRF)	Identification and Validation of Biomarkers for Meals, Exercise and Stress to Automate Artificial Pancreas Systems	01/25/2017	500,000
Balunas, Marcy J	NSF/National Science Foundation/Wesleyan University	Determining the Genetic, Cellular and Molecular Basis of Host Specialization in Drosophila Sechellia	01/19/2017	0
Pharmacy Practice			3 Proposals	\$1,528,786
Sobieraj, Diana	Patient-Centered Outcomes Research Institute (PCORI)	PCORI Evidence Maps, Topic Briefs and Topic Refinements	02/15/2017	0
Smith, Marie A	DHHS/AHRQ/Agency for Healthcare Research and Quality	Primary Care Medication Use and Safety: Integrating Pharmacists in Complex Care Management Teams through E-Consultations (PCMUST)	01/23/2017	1,499,826
Smith, Marie A	Community Pharmacy Foundation	Building the Case: Changing Consumer Perceptions of the Value of Expanded Community Pharmacist Services	01/04/2017	28,960
School of Social Work			4 Proposals	\$473,390
School of Social Work			4 Proposals	\$473,390
Lloyd, Margaret H	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/Oklahoma Department of Mental Health and Substance Abuse Services	OKMHASAS Comprehensive Approaches to Recovery Enhancement (CARE) Grant	03/02/2017	72,546
Kennedy, Stephanie C	DOJ/National Institute of Justice/University of North Carolina, Charlotte	Exploring the Role of Jail Contact in Women's Pathways to Prison	03/09/2017	50,930
Ulaszek, Wendy R	Urban Institute	Evaluating Early Access to Medicaid as a Reentry Strategy	02/24/2017	52,409
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	State Targeted Response to the Opioid Crisis Grants (Opioid STR)	02/17/2017	297,505
Academic and Service Programs			10 Proposals	\$911,968
Global Affairs			1 Proposals	\$24,990
Pietro, Roy E	Partners of the Americas	The Marlene M. Johnson Innovation Challenge for U.S. - Cuba, Caribbean, and Central American Academic Mobility	03/29/2017	24,990
Provost & Exec VP Academic Affairs			2 Proposals	\$53,530
Reis Renzulli, Sally	NSF/National Science Foundation	Preliminary Proposal NSF INCLUDES: Connecticut Collective Impact Collaborative	02/14/2017	0
Saunders-Kanabay, Luann	ED/Department of Education	Fulbright-Hays-Doctoral Dissertation Research Abroad Applications	03/13/2017	53,530
Student Activities			1 Proposals	
Devivo Brassaw, Gina	Jumpstart	Jumpstart UConn	03/09/2017	
Unassigned Department			4 Proposals	\$323,569
Jordan, Eric H	United Technologies-Pratt & Whitney	Direct Heat Flux Measurement of TBC with MW & LW IR Camera	03/28/2017	60,000
Jordan, Eric H	United Technologies-Pratt & Whitney	Gradient Rig Testing Simulation of CMAS Damage Progression	01/30/2017	164,852
Jordan, Eric H	United Technologies-Pratt & Whitney	Gradient Rig Testing Simulation of CMAS Damage Progression	03/28/2017	23,717
Jordan, Eric H	United Technologies-Pratt & Whitney	Direct Heat Flux Measurement of TBC with MW & LW IR Camera	01/30/2017	75,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Undergraduate Education			1 Proposals	\$10,000
Richardson, Wendi L	People's United Community Foundation	Pre-College Summer @ UConn Program 2017	02/01/2017	10,000
VP Graduate Education & Dean			1 Proposals	\$499,879
Holsinger, Kent E	NSF/National Science Foundation	NRT-IGE: ICP-Individualized planning for Career development and Professional growth	02/06/2017	499,879
Vice President for Research			10 Proposals	\$7,788,185
Center for Environmental Sciences and Engineering			1 Proposals	\$0
Willig, Michael R	NSF/National Science Foundation	Preliminary Proposal: Spatial and Seasonal Dynamics of Forest Bird Biodiversity: A Multiscale Perspective Based on Gradients of Energy Availability and Landscape Structure	01/23/2017	0
Institute for Collaboration on Health, Intervention and Policy			5 Proposals	\$5,132,127
Cooksey, Kristen E	DHHS/NIH/National Heart, Lung, and Blood Institute/Brown University	The Effect of Neighborhood Food Environments on Diet Quality of Preschool Children in Family Child Care Homes	03/08/2017	158,958
Butler, Lisa M	DHHS/NIH/National Institute of Mental Health	Community-Based Intervention to Improve Maternal-Infant Health and Infant Neurobehavioral Development Outcomes Among HIV-Exposed and HIV-Unexposed Infants in Botswana	01/05/2017	4,079,736
Schwartz, Marlene B	Johnson (Robert Wood) Foundation/Action for Healthy Kids	Expanding the Wellness School Assessment Tool for the Whole School, Whole Child, Whole Community Model	02/15/2017	97,463
Himmelstein, Mary S	Society for the Psychological Study of Social Issues	Meet Me at the Crossroads: Weight-Stigma and the Intersections of Race and Gender	01/26/2017	2,000
Butler, Lisa M	DHHS/NIH/National Institutes of Health	A Multi-Component Food Security and Behavioral Intervention to Improve Maternal-Child Health Outcomes Amongst Young HIV-Infected Women in Uganda	02/07/2017	793,970
Institute of Materials Science			1 Proposals	\$411,911
Aindow, Mark	United Technologies-Aerospace Systems	UTAS Center for Excellence	01/20/2017	411,911
Northeast Undersea Research Technology and Education Center			1 Proposals	\$1,238,935
Babb, Ivar G	CT Department of Energy and Environmental Protection	The Long Island Sound Habitat Mapping Initiative Phase II - Eastern Long Island Sound	01/04/2017	1,238,935
Sea Grant College Program			2 Proposals	\$1,005,212
Deguisse, Sylvain	Gulf of Mexico Research Initiative	The Impact of Mixtures of PAHs on Zebrafish as a Model for Ecosystem and Human Health	03/03/2017	995,213
Payne, Diana L	DOC/National Oceanic and Atmospheric Administration	Understanding Ocean Acidification: Global to Local Impacts	01/20/2017	9,999
University of Connecticut - Storrs & Regional			386 Proposals	\$201,909,646
School of Dental Medicine			13 Proposals	\$4,625,117
Craniofacial Sciences			3 Proposals	\$1,312,216
Mina, Mina	DHHS/HRSA/Health Resources and Services Administration	Postdoctoral Training in General, Pediatric and Public Health Dentistry and Dental Hygiene	03/13/2017	579,435
Mina, Mina	DHHS/NIH/National Institute of Dental and Craniofacial Research	Skeletal, Craniofacial, and Oral Biology Training Grant (R90)	02/24/2017	76,064

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Mina, Mina	DHHS/NIH/National Institute of Dental and Craniofacial Research	Skeletal, Craniofacial, and Oral Biology Training Grant (T90DE021989)	02/24/2017	656,717
Oral Health and Diagnostic Sciences			5 Proposals	\$1,971,988
Lalla, Rajesh V	DHHS/NIH/National Institutes of Health/Carolinas Medical Center	Clinical Registry of Dental Outcomes in Head and Neck Cancer Patients	03/20/2017	671,665
Litt, Mark D	DHHS/NIH/National Institutes of Health	Individualized Assessment and Treatment for Marijuana Dependence: Treatment Mechanisms	01/06/2017	568,537
Ioannidou, Efthimia	DHHS/NIH/National Institutes of Health	Treat-to-target and personalized approach to periodontal therapy	02/02/2017	267,527
Dongari-Bagtzoglou, Anna I	DHHS/NIH/National Institutes of Health	Oral Epithelial Cells, Candida and PMN Activation	03/06/2017	398,750
Lalla, Rajesh V	Galera Therapeutics	A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Trial of the Effects of Intravenous GC4419 on the Incidence and Duration of Severe Oral Mucositis (OM) in Patients Receiving Post-Operative or Definitive Therapy with Single-Agent Cisplatin plus IMRT for Locally Advanced, Non-Metastatic Squamous Cell Carcinoma of the Oral Cavity or Oropharynx.	02/10/2017	65,509
Reconstructive Sciences			5 Proposals	\$1,340,913
Dealy, Caroline N	ImpactAssets	Bioactive Proteins in Inflammatory Arthritis	01/27/2017	25,000
Rowe, David W	DHHS/NIH/National Institutes of Health	Targeted Correction of Dominant Mutations of Type I Collagen Causing Severe OI	02/10/2017	327,250
Kalajzic, Ivo	University of Zagreb School of Medicine	Modulating Notch Signaling to Control Progression of Liver Fibrosis	03/02/2017	7,096
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	Mechanisms underlying commitment and differentiation of progenitor cells during bone healing	03/27/2017	478,500
Kelly, J. Robert	DHHS/NIH/National Institutes of Health/Oral Fluid Dynamics	Artificial Salivary Gland, LLC	03/31/2017	503,067
School of Medicine			185 Proposals	\$137,826,648
Cell Analysis Modeling - CCAM			1 Proposals	\$1,579,789
Blinov, Michael	DHHS/NIH/National Institutes of Health	Methods and Tools for Simulation and analysis of dynamic multivalent molecular aggregates	01/31/2017	1,579,789
Cell Biology			24 Proposals	\$17,920,588
Vigone, Giulia	Lalor Foundation	Reinitiation of meiosis by dephosphorylation of the NPR2 guanylyl cyclase in response to luteinizing hormone	01/10/2017	50,000
Vera-Licona, Martha Paola	Connecticut Children's Medical Center	Consultation and Bioinformatics Services	01/05/2017	13,868
Moraru, Ion I	DHHS/NIH/National Institutes of Health/University of Washington	Center for Reproducible Systems for Biomedical Modeling	01/04/2017	1,010,520
Smilowitz, Henry	DHHS/NIH/National Institutes of Health/Nanoprobes	Nanoparticle-CT Angiography	03/30/2017	66,355
Terasaki, Mark R	DHHS/NIH/National Institutes of Health/University of Pittsburgh	Role of glial cells in normal and abnormal central sound processing	03/22/2017	159,500
Peluso, John J	DHHS/NIH/National Institutes of Health/University of Connecticut	Genetic Interrogation of Conserved Follicular Factors for Matrix Metalloproteinase Regulation and Ovulation	03/21/2017	14,327
Jaffe, Laurinda	ImpactAssets	Maintenance and Development of Transgenic Mice for Studies of Signal Transduction	03/10/2017	63,000
Laubenbacher, Reinhard	NSF/National Science Foundation	Collaborative Research: TRIPODS: NE Consortium for the Advancement of Data Science (NECADS)-Foundations of High Performance Techniques	03/03/2017	224,999

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Pachter, Joel	National Multiple Sclerosis Society	Extracellular vesicles and hES-MSCs as novel tools to aid in the diagnosis & treatment of secondary progressive disease	03/02/2017	745,944
Jaffe, Laurinda	DHHS/NIH/National Institutes of Health/University of Minnesota	Regulation of guanylyl cyclase A and B by hormones, ATP and phosphorylation	02/27/2017	91,159
Claffey, Kevin P	DHHS/NIH/National Institutes of Health	Targeting pathological vascular permeability through endothelial PLC-beta and TRP channel calcium pathways	02/22/2017	2,814,920
Pachter, Joel	GlaxoSmithKline	Collaboration on Drug Transport into the Brain	02/22/2017	75,000
Laubenbacher, Reinhard	DHHS/NIH/National Institutes of Health/Jackson Laboratory	JAX Center for PDX Model Development and Pre Clinical Trials	02/21/2017	237,984
Yue, Lixia	American Heart Association/Mount Sinai School of Medicine	Molecular control of sinoatrial node development and maturation	02/16/2017	5,364
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Immune Evasion in Embryonic Stem Cell-based Tissue Repair and Transplantation	02/14/2017	463,453
Smilowitz, Henry	Keck (W. M.) Foundation	Avoiding Contrast Induced Nephropathy, A Minorities Health Disparity	02/14/2017	988,000
Laubenbacher, Reinhard	DOD/Army/Department of the Army	Canalization: A fundamental design principle of gene regulatory networks	02/08/2017	70,000
Smilowitz, Henry	DHHS/NIH/National Institutes of Health/Nanoprobes	Avoiding Contrast Induced Nephropathy, A Minorities Health Disparity	02/02/2017	996,875
Jaffe, Laurinda	DHHS/NIH/National Institutes of Health	Signal Transduction at Fertilization	02/02/2017	456,798
Laubenbacher, Reinhard	DHHS/NIH/National Institutes of Health	Multiscale modeling of the battle over iron in invasive lung infection	01/31/2017	3,935,164
Yue, Lixia	DHHS/NIH/National Institutes of Health	TRPM2 is a key mediator of ischemic brain injury	01/30/2017	2,382,171
Mendes, Pedro	DHHS/NIH/National Institutes of Health	Understanding and predicting iron physiology at multiple scales - from cells to individuals	01/27/2017	2,932,097
Yue, Lixia	DHHS/NIH/National Heart, Lung, and Blood Institute/Mount Sinai School of Medicine	Baf250a establishing gene activation and repression programs in the developing sinoatrial node	01/20/2017	62,337
Yue, Lixia	DHHS/NIH/National Heart, Lung, and Blood Institute/Mount Sinai School of Medicine	Molecular control of atrioventricular node development	01/19/2017	60,753
Center for Vascular Biology			1 Proposals	\$732,924
Rodriguez, Annabelle	DHHS/NIH/National Institutes of Health	Lymphocyte Activation Gene-3 Deficiency Linked to Proinflammation and Atherosclerosis	03/27/2017	732,924
Community Medicine and Health Care			11 Proposals	\$3,348,355
Cavallari, Jennifer	DHHS/CDC/Centers for Disease Control and Prevention	An Integrated Approach to Hearing Preservation Among Construction Workers	03/24/2017	108,000
Cavallari, Jennifer	DHHS/CDC/Centers for Disease Control and Prevention/University of Connecticut	Occupational Health Psychology MOU	03/10/2017	7,000
Bruder, Mary	ED/Department of Education	Interdisciplinary Sequence in Early Childhood Intervention for Master's Degree Students in Speech, Language & Hearing and in Special Education	03/06/2017	1,250,000
Ungemack, Jane A	CT Department of Children and Families/Social Finance	CT DCF Social Impact Bonding (SIB)	03/03/2017	241,319
McRee, Bonnie G.	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	CT SBIRT Health Professionals Training Program	03/02/2017	314,145
Stevens, Richard G	DHHS/NIH/National Institutes of Health/Yale University	Study of Health Impact of Fluctuating-work Time (SHIFT): A Molecular Prospective	02/23/2017	181,389
Lazzarini, Zita	DHHS/NIH/National Institutes of Health/Medical College of Wisconsin	Sound Public Health Approaches to Knowing Exposure to HIV	02/16/2017	23,749
Bruder, Mary	DHHS/NIH/National Institutes of Health	Consumer Driven Healthcare Transition: From Pediatrics to Adult Care	02/07/2017	592,748

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Gelbar, Nicholas	DHHS/HRSA/Health Resources and Services Administration/Hospital for Special Care	Autism Transitions Research Project (ATRP)	02/01/2017	178,984
Bruder, Mary	DHHS/NIH/National Institutes of Health/Orelena Hawks Puckett Institute	Field Initiated Projects Program (Development)	02/01/2017	225,000
Tennen, Howard A	DHHS/NIH/National Institutes of Health/Yale University	Partner Violence, Appraisal and Substance Use	01/23/2017	226,021
Dermatology			1 Proposals	\$63,146
Strober, Bruce	AbbVie Pharmaceuticals	Protocol No. M16-048 entitled "A Phase 2b Multicenter, Randomized, Placebo-Controlled, Double-Blind Dose Ranging Study to Evaluate ABT-494 in Adult Subjects with Moderate to Severe Atopic Dermatitis"	03/06/2017	63,146
Family Medicine			2 Proposals	\$245,461
Wang, Xiaoyan	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	Statistical Methods for Health Care Utilization and Costs	03/01/2017	13,657
Agresta, Thomas P	CT Office of the Healthcare Advocate	MOA Between the Office of the Healthcare Advocate and the University of Connecticut Health Center	01/23/2017	231,804
Genetics and Developmental Biology			16 Proposals	\$19,927,899
Cotney, Justin	DHHS/NIH/National Institute of Dental and Craniofacial Research	Identification of human orofacial enhancers and their role in orofacial cells	03/02/2017	239,279
Gunzl, Arthur	DHHS/NIH/National Institutes of Health	Gene expression control by trypanosome cyclin-dependent kinase CRK9	02/28/2017	2,418,565
Mayer, Bruce J	DHHS/NIH/National Institutes of Health	Phosphotyrosine profiling of human lung cancer	02/22/2017	158,361
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	Complex RNA Processing	02/10/2017	610,181
Lalande, Marc E	DHHS/NIH/National Institutes of Health	Modulating the stress response of human neurons via gene editing of FKBP5	02/10/2017	438,625
Mayer, Bruce J	DHHS/NIH/National Institutes of Health	Super-resolution affinity maps for protein interactions in signaling	02/10/2017	431,032
Lee, Se-Jin	DHHS/NIH/National Institutes of Health	TGF-beta family members and their binding proteins in aging skeletal muscle	01/27/2017	2,116,834
Young, Erin	DHHS/NIH/National Institutes of Health/University of Connecticut	Genetic, Psychological, and Behavioral Contributors to Stress Reactivity and Response in Emerging Adults	01/27/2017	37,238
Chamberlain, Stormy J.	NSF/National Science Foundation/University of Connecticut	NRT-UTB-DESE: Science of learning, from neurobiology to real-world application: a problem-based approach	01/26/2017	31,060
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	Comprehensive Analysis of Functional RNA Elements Encoded in the Human Genome	01/26/2017	2,000,000
Yu, Ji	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Single Molecule Chromatin Interaction Analysis in Single Nuclei	01/25/2017	26,628
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	A Comprehensive Functional Map of Human Protein-RNA Interactions	01/18/2017	10,113,618
Chamberlain, Stormy J.	DHHS/NIH/National Institutes of Health	Determining the roles of individual UBE3A protein isoforms in Angelman syndrome	03/07/2017	431,032
Carmichael, Gordon G	DHHS/NIH/National Institutes of Health	Nuclear-retained long noncoding RNA's	03/07/2017	326,821
Li, James Y.H	DHHS/NIH/National Institutes of Health	Neurogenesis and morphogenesis of the cerebellum	03/13/2017	438,625
Germain, Noelle	Angelman Syndrome Foundation	Investigating the efficacy of novel therapeutic approaches for restoring UBE3A expression in human Angelman syndrome...	03/13/2017	110,000
Immunology			19 Proposals	\$18,983,903
Adler, Adam J.	DHHS/NIH/National Institutes of Health	Breaking Tolerance to Induce Tumor Specific Cytotoxic DC4 Th1 Cells	02/27/2017	1,993,750

* 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
Matson, Adam	Hood (Charles H.) Foundation/Connecticut Children's Medical Center	Exploring the Existence and Significance of an Entero-Mammary Pathway	03/06/2017	65,232
Rathinam, Vijay	DHHS/NIH/National Institutes of Health	Crosstalk between inflammasomes and interferons in antibacterial host defense	02/14/2017	434,828
Kailasan Vanaja, Sivapriya	American Heart Association	Enteric immune defense block by Shiga toxin Producing Escherichia coli	02/14/2017	231,000
Kailasan Vanaja, Sivapriya	DHHS/NIH/National Institutes of Health	Enteric Immune Responses to Pathogenic Escherichia coli	02/14/2017	431,032
Rathinam, Vijay	DHHS/NIH/National Institutes of Health	Characterization of noncanonical inflammasome-mediated release of alarmins	02/14/2017	431,032
Khanna, Kamal	DHHS/NIH/National Institutes of Health	Role of a novel subset of lung resident macrophages in regulating immune homeostasis during respiratory infection	01/31/2017	2,707,504
Puddington, Lynn	Radiological Society of North America	Enhancing Immunotherapy with Combined Image Guided Cryotherapy and PD-1 Axis Inhibition in a Murine Colorectal Model	01/31/2017	3,000
Brocke, Stefan	National Multiple Sclerosis Society	Using signaling complex disruptors of Raf-1kinase for the treatment of inflammation	01/26/2017	675,000
Clark, Robert B	National Multiple Sclerosis Society	TLR Tolerance in Multiple Sclerosis (RG-1707-26530)	01/26/2017	673,800
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	Mechanisms of Impaired Mycobacteria Sending by TLR4 Polymorphic Variants	01/24/2017	2,571,059
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	Long Non-Coding RNAs and Systemic Lupus Erythematosus	01/13/2017	438,625
Rathinam, Vijay	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Cytosolic Immune Surveillance During Bacterial Infections	01/11/2017	395,242
Medvedev, Andrei	Lupus Research Alliance	Role of IRAK4 in systemic lupus erythematosus	01/10/2017	600,000
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	Air pollution particles, deregulation of macrophage responses and infection	01/06/2017	438,625
Cauley, Linda S	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Cellular Mechanisms of Viral Control	01/04/2017	401,242
Murphy, Michael	DHHS/NIH/National Institutes of Health	The Role of Long Non-Coding RNAs in TLR4 Tolerance and Sepsis	03/21/2017	124,068
Haynes, Laura	DHHS/NIH/National Institutes of Health	Impact of Aging and Influenza Respiratory Tract Infection on Muscle Health	03/24/2017	3,699,749
Vella, Anthony T.	DHHS/NIH/National Institutes of Health	Modulation of Biodefense Responses to Microbial Pathogens	02/23/2017	2,669,115
Medicine			45 Proposals	\$28,091,375
Rosenberg, Daniel W	Thetis Pharmaceuticals	Treatment with novel Thetis n-3 PUFA compounds, TP-252 (EPA) to test regression of adenomatous polyps	03/31/2017	6,064
Mortensen, Eric M	VERANNE/Veterans Education and Research Association of Northern New England	Azithromycin Cardiac Safety Study	03/30/2017	26,250
Bortniker, Ethan	Echosens	Hepatic steatosis assessment by transient elastography: Is it a colon cancer screening tool?	03/24/2017	0
Dieckhaus, Kevin D	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	Ryan White Part A Minority AIDS Initiative (MAI) (2 parts/funds Outpt Ambulatory and Tx Adherence)	03/23/2017	93,325
Gould, Bruce E	DHHS/HRSA/Health Resources and Services Administration	Area Health Education Centers, Point of Service for Maintenance and Education	03/22/2017	2,187,341
Ivanaviciene, Jurate	CT Department of Public Health	Tuberculosis ("TB") Prevention and Control in CT State Correctional Facilities	03/20/2017	140,000
Ivanaviciene, Jurate	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Subcontract for services pursuant to the provision of the CMHC HIV prevention program in CDOC	03/20/2017	1,028,546
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health	Dissecting intratumor heterogeneity of rectal carcinomas to identify biomarkers and modifiers to chemo...	03/13/2017	1,339,743

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Lo, Wai Hong	Connecticut Institute for Clinical and Translational Science (CICATS)	Inductive Small Molecule Regeneration	03/13/2017	40,000
Delany, Anne M	DHHS/NIH/National Institutes of Health	Role of miR29 in osteoclastogenesis	03/10/2017	347,705
Hurley, Marja	DHHS/NIH/National Institutes of Health	FGF2 Isoforms in Bone and Phosphate Homeostasis	03/02/2017	1,993,750
Heinen, Christopher D	Burroughs Wellcome Fund	The UConn Health Writing Program for Biomedical Science Trainees	03/02/2017	28,674
Kuchel, George A	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Combination Adjuvants to Activate Human Dendritic Cell Subsets and B Cells	02/24/2017	145,001
Lee, Sun-Kyeong	DHHS/NIH/National Institutes of Health	Role of CD97 in Bone	02/23/2017	2,310,724
Andemariam, Biree	DHHS/NIH/National Institutes of Health/Yale University	Motivational Interviewing to improve Adherence to Hydroxyurea in Sickle Cell	02/22/2017	277,551
Mortensen, Eric M	DHHS/NIH/National Institutes of Health	Impact of cardiovascular events on outcomes after pneumonia	02/22/2017	244,022
Delany, Anne M	Connecticut Institute for Clinical and Translational Science (CICATS)	M1 Mentoring Award	02/22/2017	10,000
Xiao, Liping	DHHS/NIH/National Institutes of Health	Sickle Cell Trait and Bone Fracture	02/21/2017	239,250
Cherniack, Martin G	DHHS/CDC/National Institute for Occupational Safety and Health/University of Massachusetts, Lowell	CPH-NEW	02/16/2017	384,905
Chhabra, Arvind	DHHS/NIH/National Institutes of Health	To Generate Donor - Specific Immunogenic and Tolerogenic Antigen Presenting Cells from Human DC-Derived...	02/14/2017	438,625
Chhabra, Arvind	DHHS/NIH/National Institutes of Health	Generating AICD Resistant TCR Engineered Human Primary Anti-Tumor T Cells with Customized Effector Function...	02/14/2017	438,625
Kim, Insoo	DHHS/NIH/National Institutes of Health/University of Connecticut	Biodegradable intracranial pressure sensor based solely on medical biomaterials	02/10/2017	67,190
Brammer, Anthony	DHHS/CDC/National Institute for Occupational Safety and Health	Improving communication in noise when wearing hearing protection	02/08/2017	434,638
Radolf, Justin D	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Characterization of Treponema pallidum rare outer membrane proteins	02/07/2017	477,374
Lo, Wai Hong	DHHS/NIH/National Institutes of Health	Development of Osteotropic Drug Delivery Nanoparticles: An Oral Delivery Strategy for Metabolic Bone Disease	02/07/2017	438,625
Fortinsky, Richard	DHHS/NIH/National Institutes of Health	Translation of COPE for Publicly-funded Home Care Clients and their Families	02/07/2017	527,579
Andemariam, Biree	DHHS/NIH/National Institutes of Health/Yale University	A Feasibility study of dronabinol for pain and inflammation of sickle cell disease	02/01/2017	100,000
Heinen, Christopher D	DHHS/NIH/National Institutes of Health	Hereditary Cancer Variants of Uncertain Significance in Stem Cells	02/01/2017	1,958,784
Chhabra, Arvind	DHHS/NIH/National Institutes of Health	Characterization of the inherent immunogenicity of human dendritic cell-derived induced pluripotent stem cell lines....	02/01/2017	1,993,750
Dugan, Alicia	DHHS/CDC/Centers for Disease Control and Prevention/Bassett Healthcare Network	Engaging Local Communities in Developing a Commercial Fishing TWH Initiative	01/30/2017	11,170
Mortensen, Eric M	DHHS/NIH/National Institutes of Health/University of Texas Southwestern Medical Center at Dallas	Statins for primary prevention in individuals with high level of physical fitness	01/30/2017	25,429
Xiao, Liping	DHHS/NIH/National Institutes of Health	Microbiome and Sickle Cell Bone Disease	01/30/2017	1,993,750
Rash, Carla	DHHS/NIH/National Institutes of Health	Smoking Cessation Treatments for Homeless Smokers	01/30/2017	1,993,750
Dieckhaus, Kevin D	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Molecular mechanisms of strain diversity underlying Staphylococcus epidermidis commensal-virulence lifestyle	01/26/2017	109,772
Lo, Wai Hong	DHHS/NIH/National Institutes of Health	One-step surgical procedure for the treatment of bone defects with short-term treatment of osteogenic small molecule	01/25/2017	1,965,543

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Hurley, Marja	DHHS/NIH/National Institutes of Health	Post Baccalaureate Research Education Program at UConn Health (PREP at UConn Health)	01/23/2017	1,830,294
Rosenberg, Daniel W	University of Connecticut	Development of compounds synthetically lethal to APC-mutant cancer cells	01/23/2017	21,000
Dugan, Alicia	DHHS/NIH/National Institutes of Health/University of Connecticut	Primary Care Integrated, Virtual Team Pharmacist E-consults for Complex Care Management Patients with ...	01/19/2017	79,982
Kuchel, George A	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Combination Adjuvants to Activate Human Dendritic Cell Subsets and B Cells	01/17/2017	22,657
Kuchel, George A	University of Connecticut Health Center	Microbiome Plasticity and Pathogenicity in Older Adults: Baselines & Transitions from Skilled Nursing Care	01/12/2017	66,823
Kuchel, George A	DHHS/NIH/National Institutes of Health/Washington University	Combining Testosterone Therapy and Exercise to Improve Function Post Hip Fracture	01/11/2017	2,134,025
Lo, Wai Hong	Arthritis National Research Foundation	Development of Targeted Nanoscale Drug Delivery System for Osteoarthritic Cartilage Tissue	01/10/2017	100,000
Malchoff, Carl	Rosetta Genomics	A multi-center retrospective study for developing and validating a second version of RosettaGX Reveal, a molecular test for the classification of indeterminate thyroid FNA samples.	01/05/2017	9,139
Wolf, Megan R	Orthopaedic Research and Education Foundation	3D Kinematics of Ankle Bracing on Ankle Stability	01/05/2017	5,000
Wolf, Megan R	American Orthopaedic Foot and Ankle Society	The biomechanical effects of ankle instability with ankle bracing on 3-dimensional kinematics: A cadaveric study	01/05/2017	5,000
Molecular Biology & Biophysics			11 Proposals	\$12,176,191
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Oxidation is trigger for PML multimerization and Nuclear Body formation in HSV infected cells	02/10/2017	433,253
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health/University of Wisconsin, Madison	Toolset for NMR Investigations of Disordered Proteins	02/16/2017	915,052
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health	Development and Application of Non-Fourier Method for Biomolecular NMR	02/28/2017	1,993,750
Hao, Bing	DHHS/NIH/National Institutes of Health	Identification of small-molecule inhibitors of Fbw7-mediated DISC1 protein degradation	03/10/2017	438,625
Setlow, Peter	DOD/Army/Department of the Army	Metabolic Activities in Dormant Spores of Bacillus Species	03/13/2017	75,000
Hoch, Jeffrey C	NSF/National Science Foundation	MRI: Acquisition of a 900 MHz NMR Spectrometer for South/Central New England	01/06/2017	3,739,205
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health	Center for Biomolecular NMR Data Processing and Analysis	03/28/2017	1,130,894
Schuyler, Adam D	DHHS/NIH/National Institutes of Health	Framework for efficient nonuniformly sampled NMR experiments with enhanced sensitivity, resolution and reproducibility.	02/10/2017	438,625
Carson, John H	Amyotrophic Lateral Sclerosis Association	RNA Granule Translation in ALS	01/26/2017	50,000
King, Stephen M	DHHS/NIH/National Institutes of Health	Peptide Amidation in Ciliogenesis	01/23/2017	2,901,193
Hao, Bing	DHHS/NIH/National Institutes of Health/New York University	Stabilizing nuclear p27kip1 as a therapeutic target for endometrial cancer	03/24/2017	60,594
NEAG Cancer Center (SOM)			1 Proposals	\$402,647
Harrison, Jonathan	DHHS/NIH/National Institutes of Health	A Patient-Derived Xenograft Model of novel augmentation of AML therapy by Vitamin D	02/15/2017	402,647
Neuroscience			17 Proposals	\$10,974,440
Vishwanatha, Kuruthihalli S	DHHS/NIH/National Institutes of Health	PAM as a regulatory accessory protein for V-ATPase	01/18/2017	1,250,000

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Chen, Bojun	DHHS/NIH/National Institutes of Health	Novel proteins regulating function and expression of SLO-2 potassium channels	01/18/2017	307,038
Verma, Rajkumar	American Heart Association	Therapeutic potential of purinergic P2X4 receptors in stroke	01/12/2017	231,000
Zecevic, Nada	DHHS/NIH/National Institutes of Health/Yale University	Origin of Cortical Species - Specific Distinctions	01/04/2017	67,500
Oliver, Douglas L	DHHS/NIH/National Institutes of Health	Circuitry and neurons of the inferior colliculus in normal and developmentally altered mice	01/23/2017	3,039,282
Crocker, Stephen J.	National Multiple Sclerosis Society	Cellular Senescence in Neural Progenitor Cells Limits CNS Remyelination	02/01/2017	641,714
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Transcriptional and epigenetic regulation of retinal ganglion cell development	02/07/2017	438,625
Mohan, Royce	DHHS/NIH/National Institutes of Health	PAD4 in Retinal Gliosis	02/08/2017	438,625
Trakhtenberg, Feliks	American Heart Association	Cellular reprogramming to regenerate axons damaged in ischemic optic neuropathy	02/08/2017	231,000
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health/University of Connecticut	Targeting ASIC3 to disrupt nociceptor sensitization following spinal cord injury	02/10/2017	252,186
Bernstein, Leslie	DOD/Navy/Office of Naval Research	Behavioral Measures of the Precision of Coding on Interaural Temporal Disparities in Human Listeners	02/15/2017	218,000
Selvam, Rajamani	National Alliance for Autism Research	Altered synaptic physiology in a human stem cell model of up 15q syndrome	03/01/2017	64,000
Mains, Richard	Simons Foundation	Modeling autism related pathology in Trio haploinsufficient mice	03/02/2017	150,000
Wang, ZhaoWen	DHHS/NIH/National Institutes of Health	Synaptic function of BK Channel-interacting proteins	03/02/2017	398,750
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Transcriptional regulators of the developmental loss of retinal ganglion cell's intrinsic axon growth and regeneration capacity	03/07/2017	438,625
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health/University of Connecticut	The Functional Consequences of SCI on Cutaneous Nociceptors	03/30/2017	40,372
Oliver, Douglas L	DOD/Army/Army Medical Research Acquisition Activity	Development of objective electrophysiological tests for tinnitus based on long-lasting after-discharges in the interior colliculus	03/16/2017	2,767,723
Obstetrics and Gynecology			3 Proposals	\$9,000
Luo, Guo Yang	Natera	Maternal Fetal Medicine Reunion	02/17/2017	3,000
Luo, Guo Yang	General Electric Healthcare	Maternal Fetal Medicine Reunion	02/15/2017	3,000
Luo, Guo Yang	Samsung	Maternal Fetal Medicine Reunion	02/15/2017	3,000
Orthopaedic Surgery			10 Proposals	\$4,257,734
Canalis, Ernesto	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Role of Notch Signaling in Osteocytes	02/23/2017	338,938
Canalis, Ernesto	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Mechanisms of Notch Action in Bone	02/23/2017	354,888
Nukavarapu, Syam	NSF/National Science Foundation/University of Connecticut	Learning and Big Data Techniques to Accelerate the Discovery of Biomaterials	02/24/2017	242,072
Kumbar, Sangamesh G.	DHHS/NIH/National Institutes of Health	Creating Biodegradable Conducting Polymeric Implants	03/07/2017	439,361
Laurencin, Cato	Connecticut Institute for Clinical and Translational Science (CICATS)	Mentor/M1 Awardees	03/13/2017	150,000
Laurencin, Cato	University of Connecticut Health Center	Biomaterials and Bioactive Factors for Shoulder Regenerative Engineering	02/16/2017	100,000
Nair, Lakshmi S.	OrthoMedeX	Seeding cementless orthopedic implants and cancellous bone allografts and bioactive glass particles for enhanced implant fixation and antimicrobial implant prophylaxis	01/06/2017	150,299

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Laurencin, Cato	Connecticut Institute for Clinical and Translational Science (CICATS)	Mimetogenesis Project. Parent Log # 20160704	01/06/2017	62,000
Khan, Yusuf M	DOD/Department of Defense/University of Connecticut	Functionalized allograft for large scale bone defect healing	01/13/2017	97,956
Sanjay, Archana	DHHS/NIH/National Institutes of Health	Role of PI3K in Fracture Healing	01/13/2017	2,322,220
Pediatrics			4 Proposals	\$1,400,504
Lee, Youngmok	Dimension Therapeutics	Comparison of vectors and optimization of dosages for renal vein injection method in GSD-Ia mice	02/22/2017	695,366
Pappagallo, Mariann	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Barriers to Engagement and Retention in Opioid Agonist Therapy for Postpartum Women	03/07/2017	71,515
Salazar, Juan C.	DHHS/HRSA/Health Resources and Services Administration/Connecticut Children's Specialty Group	Ryan White Part D	02/07/2017	611,813
Salazar, Juan C.	DHHS/HRSA/Health Resources and Services Administration/Connecticut Children's Specialty Group	Ryan White A	02/02/2017	21,810
Psychiatry			13 Proposals	\$16,997,567
Briggs-Gowan, Margaret	DHHS/NIH/National Institute of Mental Health	Violence exposure, threat-reactivity, and fear and distress pathways from early childhood to adolescence: a prospective...	02/28/2017	3,943,895
Grasso, Damion	Brain and Behavior Research Foundation	A whole-Genome Approach for Identifying Evidence of Intergenerational Transmission of Trauma-Related Epigenetic...	02/24/2017	70,000
Grasso, Damion	Connecticut Children's Medical Center	Supporting Injury Prevention Center Research	02/21/2017	25,806
Barry, Lisa	DHHS/NIH/National Institutes of Health	Aging Inmates Suicidal Ideation and Depression (Aging INSIDE) Study	02/14/2017	398,750
Ginsburg, Golda S	DHHS/NIH/National Institutes of Health	Enhancing the Capacity of Pediatric Primary Care Providers: A Pilot Trial of the Anxiety Action Plan	02/10/2017	731,569
Manning, Kevin J	Dana (Charles A.) Foundation	Peripheral Inflammation Mediates the Association between Neuroticism and Neurodegeneration in Geriatric Major Depression	01/27/2017	200,000
Covault, Jonathan M	DHHS/NIH/National Institutes of Health/Yale University	Treatment for AUD and PTSD: A trial of Cognitive Processing Therapy and Zonisamide	01/26/2017	1,957,844
Wang, Lihong	DHHS/NIH/National Institutes of Health	Neural Compensation as Cognitive Reserve: Influence on Cognitive Decline in Older Adults	01/24/2017	3,945,919
Kaminer, Yifrah	DHHS/NIH/National Institutes of Health	Optimizing a Coordinated Adolescent, Family and M-Health Intervention for Cannabis Use Disorders	01/20/2017	3,980,664
Wang, Lihong	DHHS/NIH/National Institutes of Health/Rush University Medical Center	Cognitive Decline, Decision Making and Financial Exploitation of Chinese Older Adults	01/18/2017	252,599
Covault, Jonathan M	DHHS/NIH/National Institutes of Health/Yale University	Zonisamide treatment of alcohol use disorder: an evaluation of efficacy and mechanism of action	03/27/2017	290,521
Ford, Julian D	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	The Center for Trauma Recovery and Juvenile Justice	03/01/2017	600,000
Ford, Julian D	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	The Center for the Treatment of Developmental Trauma Disorders	02/28/2017	600,000
Surgery			5 Proposals	\$690,975
Choudhary, Dharamainder	DHHS/NIH/National Institute of Environmental Health Sciences/University of Connecticut	Electrocatalytic Studies of Toxic Pollutant Activation	03/17/2017	47,566
Maulik, Nilanjana	DHHS/NIH/National Institutes of Health	Angiogenic Regulators in Ischemic Disorders	02/15/2017	399,913

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Parham, Kourosh	Sensorion	Changes in Circulatory Biomarker, Prestin, After Noise-Induced Hearing Loss	02/15/2017	9,996
Thirunavukkarasu, Mahesh	American Heart Association	Role of Prolylhydroxylases in the Diabetic Myocardium	02/08/2017	231,000
Campbell, Jacob	American Medical Association	Engineered Resveratrol Loaded Nanofiber Scaffolds for Cardiac Repair and Regeneration	01/05/2017	2,500
Traumatology and Emergency Medicine			1 Proposals	\$24,150
McKay, Charles	Denver Health and Hospital Authority	CT Poison Control RADARS Surveillance System	01/19/2017	24,150
Other UConn Health			6 Proposals	\$544,873
Other UConn Health			6 Proposals	\$544,873
Morosky, Christopher M.	Society of Family Planning	Vasectomy: Perspectives on Urological Counseling and Procedural Training for Ob/Gyn Residents	03/06/2017	6,415
Blake, Danielle	New England Otolaryngological Society	White Matter Hyperdensities as a Predictor of Central Presbycusis	02/23/2017	5,000
Urcioli, Wendy	DHHS/NIH/National Library of Medicine (NLM)/University of Massachusetts Medical School	Using tablet computers to teach newly-diagnosed diabetes patients about medication administration & diab. self-care	01/13/2017	6,791
Xu, Maria	American Heart Association	Endothelial and immune cell crosstalk: mediating atherosclerosis through IL-36 guided T cell activation	02/06/2017	53,688
Roberts, Daniel	American Neurology Society	The Genomic Landscape of Neurofibromatosis Type II	01/18/2017	25,000
Fink, Christine	DHHS/NIH/National Institutes of Health	Uncovering the Mechanism of Esophageal Regeneration And Understanding The Role of The TGF Pathway	02/14/2017	447,979
University of Connecticut Health			204 Proposals	\$142,996,638
Grand Total			590 Proposals	\$344,906,284

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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			39 Proposals	\$8,027,903
Agricultural and Resource Economics			3 Proposals	\$154,517
bovay jr., John	USDA/Agricultural Marketing Service	Economic Experiments to Study Demand for Connecticut Greenhouse Vegetables	03/27/2017	45,578
bovay jr., John	USDA/Agricultural Marketing Service	Improvements of Marketing Connecticut Agriculture through Farmers' Markets	03/27/2017	33,940
bovay jr., John	USDA/Agricultural Marketing Service/CT Department of Agriculture	Economic Viability of Selected Enterprises to Promote Farming and Land Preservation in Connecticut	03/29/2017	74,999
Animal Science			2 Proposals	\$650,814
Andrew, Sheila M	Walker (George) Milk Research Fund	Preliminary Studies to Evaluate the Use of Ultrasound Technology to Reduce Antibiotic Use for Mastitis Control in Dairy Cows	03/02/2017	15,824
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture/USDA/Agricultural Research Service	One-Two Punch for Organic Poultry Processing: Knocking out Foodborne Pathogens with Plant-Derived Antimicrobials and Specialized Food Safety and Processing Training	01/12/2017	634,990
Extension			5 Proposals	\$1,246,478
Cushman, Jennifer E	USDA/National Institute of Food and Agriculture	4-H Children Having Agricultural Relationships Get Empowered by STEM (4-H CHARGES!)	03/29/2017	640,000
Griffiths-Smith, Faye I	Consumer Federation of America	Connecticut Saves Week 2017 Campaign	02/17/2017	1,500
Martin, Jennifer L	USDA/Agricultural Marketing Service	Discover CT Grown - A Co-Marketing Strategy for Increasing Consumers of Local Food	03/27/2017	499,831
Martin, Jennifer L	USDA/Food and Nutrition Service/CT Department of Education	Laying the Foundation for a Statewide Farm to School Launch	03/23/2017	87,547
Valiquette, Edith L	Disney Conservation Fund/National 4-H Council	Connecting Youth to Nature	01/26/2017	17,600
Kinesiology			11 Proposals	\$561,906
Casa, Douglas J	Biotechnology High Performance Computing Software Applications Institute	Validation of Internal Body Temperature and Physiological Measures During Exercise and Rest	03/30/2017	232,522
Casa, Douglas J	BrainScope Company	Validation of Brain Function Assessment Algorithm for mTBI from Injury to Rehabilitation in College Athletes	01/19/2017	116,261
Casa, Douglas J	Eastern Connecticut State University	Athletic Training Services: A Relationship Between ECSU and UCONN	02/17/2017	114,144
Colburn, Abigail T	Graduate Women in Science	Effects of Competitive Ultraendurance Events on Appetite and Metabolism	01/13/2017	10,000
Distefano, Lindsay	National Athletic Trainers Association	Emergency Action Planning Policy Adoption in Secondary School Athletics	02/14/2017	2,500
Distefano, Lindsay	National Athletic Trainers Association	Variability in Neuromuscular Control in Youth Female Basketball Athletes over One Athletic Season	02/15/2017	2,500
Lee, Elaine C	Graduate Women in Science	Genome-Wide Transcriptional Profiles of Circulating Immune Cells During Exercise and Dehydration Stress	01/13/2017	10,000
Mazerolle, Stephanie M	Eastern Athletic Trainers' Association	Perceptions of Transition and Role Balance for New Athletic Training and Physical Therapy Faculty Members	03/15/2017	9,979
Mazerolle, Stephanie M	National Athletic Trainers Association	Faculty Perspectives on Doctoral Mentoring and the Development of the Athletic Training Faculty Member	02/08/2017	11,500
Mazerolle, Stephanie M	National Athletic Trainers Association	Organizational Culture's Effect on Injury Treatment Decision Making	02/13/2017	2,500
Mazerolle, Stephanie M	Spencer Foundation	Perceptions of Organizational Socialization and Role Balance from New Athletic Training and Physical Therapy Faculty Members	02/01/2017	50,000

Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Natural Resources and the Environment			4 Proposals	\$428,123
Huang, Min T	DOI/United States Fish and Wildlife Service/CT Department of Energy and Environmental Protection	A Connecticut Bird Atlas	02/24/2017	309,094
Robbins, Gary A	DOI/United States Fish and Wildlife Service/CT Department of Energy and Environmental Protection	Hydrologic Factors Influencing BOG Turtle Populations	02/23/2017	29,059
Vokoun, Jason	American Wildlife Conservation Foundation	Conservation Planning in Constrained Landscapes: Addressing Economic and Social Tradeoffs in a Proposed Refuge Expansion	02/01/2017	2,000
Warner, Glenn S	DOI/United States Geological Survey	FY2017 Annual Application 104B Water Resources	01/27/2017	87,970
Nutritional Sciences			2 Proposals	\$184,342
Blesso, Christopher N	Dannon	The Potential Prebiotic Role of Dietary Milk Sphingomyelin	02/13/2017	24,842
Kohan, Alison	DHHS/NIH/National Institutes of Health	Resolving the Actions of ApoC-III in the Intestine, where Overexpression of Human ApoC-III Stimulates Anti-Inflammatory Tregs and IL-10	02/16/2017	159,500
Pathobiology			6 Proposals	\$2,586,266
Deguisse, Sylvain	Gulf of Mexico Research Initiative	The Impact of Mixtures of PAHs on Zebrafish as a Model for Ecosystem and Human Health	03/03/2017	995,213
Geary, Steven J	DOS/Department of State	Brucellosis: Regional Engagement for Education and Zoonosis Eradication - Jordan 2017 (BREEZE-J17)	02/03/2017	499,899
Geary, Steven J	DOS/Department of State	Brucellosis: Regional Engagement for Education and Zoonosis Eradication - Turkey 2017 (BREEZE-T17)	02/03/2017	499,980
Geary, Steven J	NSF/National Science Foundation	Population-Level Phase Variable Surface Protein Gene Expression Modeling of Mycoplasma Gallisepticum in Response to Ecological Pressures In-Vivo	01/19/2017	0
Risatti, Guillermo	DOS/Department of State	Detection of Highly Pathogenic Viral Diseases of Swine (HPVS) at the India (Mizoram State)-Myanmar (Chin State) Border Region	02/03/2017	464,391
Vankruiningen, Herbert J	Pfizer	Elucidating the Role of Chlamydia in Lymphangitis and Crohn's Disease	03/17/2017	126,783
Plant Science and Landscape Architecture			6 Proposals	\$2,215,457
Berkowitz, Gerald	NSF/National Science Foundation	IOS Preliminary Proposal: Use of a Unique Plant Biosensor for Localized Elevations of cAMP for Testing a Model for a New Component of Brassinosteroid Hormone Signal Transduction	01/19/2017	0
Guillard, Karl	New England Regional Turfgrass Foundation	Leveraging NERTF Funding for the USGA Project: Solvita Soil Test Kits to Categorize Golf Course Fairway Responsiveness to N Fertilization	02/24/2017	29,583
McAllister, Janet C	USDA/National Institute of Food and Agriculture/University of Vermont	Coordinator, Professional Development Program, Northeast SARE	02/27/2017	163,374
Rackliffe, Steven	National Turfgrass Evaluation Program	2016 National Perennial Ryegrass Test	02/23/2017	7,500
Rackliffe, Steven	New England Regional Turfgrass Foundation	Construction of Brinkman Athletic Field Traffic Simulator	02/22/2017	10,000
Wang, Huanzhong	DHHS/NIH/National Institute of General Medical Sciences	Control of Vascular Meristem Initiation and Activity in Arabidopsis Stem	02/06/2017	2,005,000
College of Liberal Arts and Sciences			127 Proposals	\$57,770,487
Anthropology			3 Proposals	\$211,006
McBride, Kevin A	NSF/National Science Foundation	Doctoral Dissertation Research: Human-Landscape Interactions and Response to Holocene Sea-Level Rise and Climate Change in Coastal New Hampshire, USA	01/20/2017	30,453

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Smith, Chrystal	NSF/National Science Foundation/University of South Florida	Collaborative Research: NRT-INFEWS: Systems Thinking Training for Research ON Geography-Based Coastal Food Energy Water Systems (STRONG-CFEWS)	02/03/2017	159,274
Willen, Sarah	NSF/National Science Foundation	Doctoral Dissertation Research: Accounting for the Experiences of People with Down Syndrome in Clinical Settings	01/17/2017	21,279
Chemistry			7 Proposals	\$4,484,616
Angeles-Boza, Alfredo M	NASA/National Aeronautics and Space Administration	Site-Specific Isotopic Analyses Through Decarboxylation of Meteoritic Amino Acids	03/31/2017	
Basu, Ashis K	DHHS/NIH/National Institutes of Health	Biological Effects of DNA Adducts of Aromatic Amine and Nitro Compounds	03/06/2017	2,575,378
He, Jie	Moore (Gordon and Betty) Foundation	Artificial Enzymes for CO2 Conversion	03/01/2017	675,000
Kumar, Challa V	NASA/National Aeronautics and Space Administration/Mark O'Neill	25x Space Fresnel Lens Concentrator Using 4(+) Junction IMM Solar Cells and Nyctinastic Graphene Radiators to Mitigate LILT Effects for Outer Planet Missions	01/20/2017	31,000
Mani, Tomoyasu	Moore (Gordon and Betty) Foundation	Triplet-based Organic Solar Cells	03/01/2017	675,000
Pinkhassik, Evgueni	DHHS/NIH/National Institutes of Health	Catch and Release of siRNA with Porous Nanocapsules	02/16/2017	453,238
Zhao, Jing	Dreyfus (Camille and Henry) Foundation	Manipulating Excitons in Colloidal Quantum Dots by Plasmonic Structures	02/08/2017	75,000
Ecology and Evolutionary Biology			14 Proposals	\$1,068,457
Bush, Andrew M	Evolving Earth Foundation	Effects of Extinction on Ecological Gradients in Late Devonian Brachiopods	03/01/2017	1,274
Bush, Andrew M	Evolving Earth Foundation	Paleoenvironmental Selectivity of the Frasnian-Famennian Extinction in the Appalachian Basin	03/01/2017	1,233
Bush, Andrew M	NSF/National Science Foundation	Collaborative Research: Drivers of Selective Mass Extinction: Insight from Integrated Paleontological and Geochemical Records	02/22/2017	261,898
Elphick, Christopher	CT Department of Energy and Environmental Protection	Modeling Connecticut's Avian Assemblage	01/26/2017	322,110
Garcia-Robledo, Carlos A	NSF/National Science Foundation	Dimensions: Collaborative Research: Biotic and Abiotic Drivers of Neotropical Plant Speciation	02/20/2017	150,000
Garcia-Robledo, Carlos A	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: Using Demographic Networks to Predict Plant-Herbivore Coextinctions Under Projected Global Warming	01/23/2017	
Jockusch, Elizabeth L	NSF/National Science Foundation	IOS Preliminary Proposal: Testing Hypotheses for the Developmental Basis of a Morphological Novelty in Treehoppers	01/18/2017	0
Tingley, Morgan W	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: Multi-Decadal Responses of Plant and Bird Communities to Environmental Change in the Southern Appalachian Mountains	01/23/2017	
Trumbo, Stephen T	NSF/National Science Foundation	IOS Preliminary Proposal - RUI: Microbial Semiochemicals as Behavioral and Ecological Organizers for Animals	01/18/2017	0
Urban, Mark C	National Geographic Society	Springs of Resilience in a Changing Arctic: The Role of Tundra Springs for Arctic Grayling Survival	03/31/2017	30,438
Wegrzyn, Jill L	NSF/National Science Foundation	DIMENSIONS: Collaborative Research: Phylogenetic and Environmental Complexity Drive Local Adaptation and Species Interactions for Long-Lived Conifers of the Arid West	02/20/2017	301,504
Wegrzyn, Jill L	NSF/National Science Foundation	Preliminary Proposal: Applying Associative Transcriptomics and Metagenomics to Evaluate Adaptation to Acid Rain in Hardwood and Conifer Species	01/23/2017	
Yuan, Yaowu	NSF/National Science Foundation	IOS Preliminary Proposal: Developmental Genetics of Corolla Tube Formation, a Key Morphological Innovation During Angiosperm Evolution	01/19/2017	0

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Yuan, Yaowu	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: Genetic Origin, Developmental Mechanism, and Evolutionary Consequence of a Novel Leaf Phenotype in Monkeyflowers (<i>Mimulus</i>)	01/23/2017	0
Economics			3 Proposals	\$551,999
Prakash, Nishith	Russell Sage Foundation	Poverty, Preference Admissions, College Access, and Intergenerational Mobility	03/01/2017	7,000
Ross, Stephen L.	DOJ/National Institute of Justice	Scholars in Race and Crime Research: Confounding Factors in the Evaluation of Policing Data - Developing a Better Counterfactual	03/31/2017	499,999
Zhao, Kai	Boston College	Does Allowing Women to Retire Early Really Benefit Them?	01/31/2017	45,000
English			5 Proposals	\$157,197
Coundouriotis, Eleni	NEH/National Endowment for the Humanities	Narratives of Torture through History: The Empathic Reader in Context	03/01/2017	90,950
Courtmanche, Jason C	ED/Department of Education/National Writing Project Corporation	FASTTRACK: Leadership Institute to Invest in Developing New Teacher-Leaders	02/07/2017	15,000
Courtmanche, Jason C	National Writing Project Corporation	NWP CRWP-SEED Professional Development in a High-Need Middle or High School	01/18/2017	20,000
Courtmanche, Jason C	National Writing Project Corporation	The Arts Teach (Everything): Using the Arts to Explore Literacy, Citizenship, and Identity	03/16/2017	20,000
Deans, Thomas	Burroughs Wellcome Fund/University of Connecticut Health Center	The UConn Health Writing Program for Biomedical Science Trainees	03/06/2017	11,247
Geography			1 Proposals	\$44,187
Dasgupta, Debanuj	National Centre for Research Methods (NCRM)/Loughborough University	From New York to London: South Asian Queer Migration and Displacement	02/27/2017	44,187
History			1 Proposals	\$50,400
Costigliola, Frank	NEH/National Endowment for the Humanities	The Contingent Cold War and the Integrated Thought of George F. Kennan	02/06/2017	50,400
Integrative Geoscience			3 Proposals	\$1,312,475
Fernandes, Anjali M	Water Institute of the Gulf/Tulane University	Using Satellite Radars and Fluid Withdrawal Records to Advance Subsidence Research in Coastal Louisiana	01/25/2017	19,748
Gillingham, Julie C	NSF/National Science Foundation	Laboratory Technician Support: The University of Connecticut Geo-Thermochronology Center	02/08/2017	712,288
Ouimet, William B	NSF/National Science Foundation	Collaborative Proposal: FACET: Linking Records of Paleoelevation and Paleorotation in the Taiwan Arc-Continent Collision	01/13/2017	580,439
Linguistics			2 Proposals	\$633,829
Lillo-Martin, Diane C	NSF/National Science Foundation	Bimodal Bilingual Code-Blending: Language Synthesis	01/31/2017	374,974
Sprouse, Jon	DHHS/AHRQ/Agency for Healthcare Research and Quality/University of California, Irvine	Assessing Input Quality and the Development of Complex Syntactic Knowledge in Children From Low Socioeconomic Backgrounds	02/07/2017	258,855
Marine Sciences			19 Proposals	\$4,665,557
Baumann, Hannes	DOC/NOAA/Oceanic and Atmospheric Research	Mining Long-Term Archives of Georges Bank Haddock Scales and Otoliths to Infer Plastic and Evolutionary Responses to Climate Variability and Fishing	01/30/2017	440,180
Bucklin, Ann	DOC/NOAA/Oceanic and Atmospheric Research	Time-Series Evaluation of Prey-Selectivity of the Copepod <i>Calanus Finmarchicus</i> and Impacts on Fish and Fisheries in the Gulf of Maine	02/22/2017	114,999
Bucklin, Ann	NSF/National Science Foundation	Collaborative Research: Born to Bloom: Population Genomics of the Salp, <i>Salpa Aspera</i> , in the NW Atlantic Slope Water	02/15/2017	611,947

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Dierssen, Heidi	NASA/National Aeronautics and Space Administration/University of New Hampshire	Developing a Cyanobacteria Metric for Harmful Algal Blooms from Remote Sensing Data across Satellite Platforms	02/27/2017	69,164
Dierssen, Heidi	NASA/National Aeronautics and Space Administration/University of Texas, Rio Grande Valley	A Seagrass Carbon Monitoring System	02/23/2017	227,995
Edson, James B	NSF/National Science Foundation	Collaborative Research: Investigations of Air-Sea Interactions Using Continuous Measurements from the Ocean Observing Initiative (OOI) Surface Moorings	02/15/2017	458,967
Granger, Julie	NSF/National Science Foundation	Collaborative EAGER: Detection Limit in Marine Nitrogen Fixation Measurements: Constraints of Rates from the Mesopelagic Ocean	01/20/2017	47,418
Lin, Senjie	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	Identification of Phytoplankton Collected from Long Island Sound 2017	03/30/2017	103,000
Lombardo, Kelly	NSF/National Science Foundation	Collaborative Research: The Michigan Thunderstorm and Marine Experiment (MITMEX)	01/31/2017	453,912
Mason, Robert	Hudson River Foundation	Evaluating the Impacts of Human and Climate Disturbance on Mercury Dynamics and Bioaccumulation in Benthic and Pelagic Organisms in the Hackensack Sub-Estuarine System	01/16/2017	197,507
Mason, Robert	NSF/National Science Foundation	US GEOTRACES Pacific Meridional Transect: Determination of the Air-Sea Exchange of Inorganic and Methylated Mercury in the Anthropogenically-Impacted and Remote Pacific Ocean	02/14/2017	285,106
McManus, George B	NSF/GEO/Directorate for Geosciences	Collaborative Research: Combining single-cell and community ω_{mic} to assess in situ functional diversity of marine planktonic ciliates	02/15/2017	580,130
O'Donnell, James	DOC/NOAA/National Ocean Service/Nature Conservancy	Increasing Resilience and Reducing Risk through Successful Application of Nature Based Coastal Infrastructure Practices in New England	03/15/2017	163,286
Tobias, Craig R	DOD/Department of the Navy/DOD/Navy/Naval Facilities Engineering Command (NAVFAC)	Stable-Isotope Labeled Tracers, an Innovation Way to Validate Natural Attenuation of RDX in Groundwater	03/03/2017	270,000
Vaudrey, Jamie	New England Interstate Water Pollution Control Com/Harbor Watch	Exploring, Interpreting, and Synthesizing the IEC District Long-term Water Quality Dataset	02/16/2017	8,087
Vaudrey, Jamie	RecycleCT Foundation	Composting Seaweed to Recycle Nutrients and Improve Water Quality	01/19/2017	10,000
Ward, J E	Hudson River Foundation	Microplastics in the Hudson River Estuary Environment and its Implication for Uptake by Filter-Feeding Shellfish: A Potential Threat to Environment and Human Health	01/16/2017	198,053
Ward, J E	NSF/National Science Foundation	NSF-IOS-BSF: Rethinking Biological Filtration: Intrinsic Versus Extrinsic Controls on Feeding Efficiency in Marine Suspension Feeders	01/19/2017	
Whitney, Michael	NSF/National Science Foundation	Collaborative Research: Eddy Mediated Estuary Exchange in the Gulf of St. Lawrence	02/15/2017	425,806
Mathematics			8 Proposals	\$451,300
Chousionis, Vasileios	Simons Foundation	Analysis and Dynamics on Carnot Groups	01/30/2017	42,000
Dzhafarov, Damir	Simons Foundation	Computability Theory, Reverse Mathematics, and Combinatorics	01/27/2017	42,000
Lozano-Robledo, Alvaro	Simons Foundation	Torsion Points on Elliptic Curves - Collaboration Grant	01/27/2017	42,000
Lu, Guozhen	Simons Foundation	Geometric and Functional Inequalities and Applications to PDEs	01/30/2017	42,000
Roby, Thomas	Simons Foundation	Dynamical Algebraic Combinatorics & Birational Rowmotion	01/31/2017	42,000
Sengupta, Ambar N	Simons Foundation	Geometric Structures from Gauge Theories and Infinite-Dimensional Analysis	01/31/2017	42,000
Valdez, Emiliano	Society of Actuaries	Applying Data Mining Techniques in Actuarial Science	03/17/2017	157,300

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Yan, Xiaodong	Simons Foundation	PDE Problems from Materials Science and Fluid Dynamics	01/23/2017	42,000
Molecular and Cell Biology			17 Proposals	\$4,785,352
Broderick, Nichole A	NSF/National Science Foundation	IOS Preliminary Proposal: Mechanisms of Microbiome-Dependent Effects on Animal Development and Homeostasis	01/19/2017	0
Campellone, Kenneth G	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Formin 1 is a Modifier of Kidney Disease in Alport Syndrome	01/24/2017	355,270
Cole, James L	NSF/National Science Foundation	Acquisition of a State-of-the-Art Analytical Ultracentrifuge for Research and Education	01/11/2017	219,737
Giardina, Charles A	DHHS/NIH/National Institutes of Health	Targeting Centrosome Defects in Cancer	02/21/2017	424,351
Gogarten, Johann P	NSF/National Science Foundation	Preliminary Proposal: SG: Cooperation, Cheating, and Selfishness in Microbial Populations - A Genomic and Metagenomic Based Investigation	01/23/2017	
Goldhamer, David J	NASA/National Aeronautics and Space Administration/University of Hartford	Determination of the Muscle Stem Cell Lineage by Single-cell Transcriptomics	03/08/2017	8,000
Graf, Joerg	DHHS/NIH/National Institutes of Health/Yale University	Mechanisms of Non-Alcoholic Fatty Liver Disease in Obese Youth	01/27/2017	128,200
Graf, Joerg	NSF/National Science Foundation	IOS preliminary proposal: Residents, Tourists and Invaders: Identifying Mechanisms that Prevent the Invasion by and Engineering Probiotic Defenders as Countermeasure	01/19/2017	0
Hird, Sarah M	NSF/National Science Foundation	Preliminary Proposal: Investigating the Interaction Between the Mitochondria and the Microbiome Across Hybrid Zones	01/23/2017	
Klassen, Jonathan	NSF/BIO/Directorate for Biological Sciences	Dimensions: Horizontal Transfer of Secondary Metabolite Genes as a Driver of Microbial Community Structure	02/21/2017	1,737,690
Lynes, Michael A	DHHS/NIH/National Institutes of Health/Albany Medical Center	Maternal Obesity, Oxidants, and Metallothionein Dysregulate Neonatal Immunity	02/02/2017	790,120
Lynes, Michael A	DHHS/NIH/National Institutes of Health/Ciencia	SPR Microarray Instrumentation for High Content Analysis of Toxic Chemicals	01/03/2017	66,952
Lynes, Michael A	DHHS/NIH/National Institutes of Health/Health Research	Antenatal Stress Proteins Modify Offspring Neuroendocrine and Immune Functions	02/24/2017	901,050
Noll, Kenneth M	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: The Adaptation of Horizontally-Acquired Genes is Affected by the Nature of Subsequent Selective Forces	01/16/2017	0
O'Neill, Rachel J	DHHS/NIH/National Institutes of Health/University of South Carolina	Genomic Analysis of Autism-Like Traits in Peromyscus (Deer Mice)	02/03/2017	135,982
O'Neill, Rachel J	NSF/National Science Foundation	Collaborative Research: Impact of a Novel Retrotransposon Expansion on Centromere Function	01/17/2017	18,000
Papke, Robertson T	NSF/National Science Foundation	Preliminary Proposal: Is Bacterial and Archaeal Diversity Structured by Geography in Hypersaline Environments?	01/23/2017	
Physics			3 Proposals	\$1,601,845
Berrah, Nora	DOD/Department of Defense	Molecular Dynamics Imaging from within at The Femto and Alto-Second Timescale using FELs	01/24/2017	910,845
Gai, Moshe	United States-Israel Binational Science Foundation	Measurement of Neutron Interactions With 7Be and the Primordial 7Li Problem	02/06/2017	31,000
Kharchenko, Vasili A	Chaikin-Wile Foundation	Time-Dependent Kinetics and Collective Phenomena in Biological Systems	03/31/2017	660,000
Physiology and Neurobiology			16 Proposals	\$17,206,472

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Chen, Xinnian	Helmsley (Leona M. and Harry B.) Charitable Trust/Yale University	National Academies Summer Institute on Undergraduate Education	03/07/2017	50,000
Conover, Joanne	DHHS/NIH/National Institutes of Health	Eph-Ephrin Signaling Facilitates Dynamic Interactions within the Brain	03/06/2017	1,963,669
De Blas, Angel L	Citizens United for Research in Epilepsy	A Novel Strategy for Seizure Prevention in Temporal Lobe Epilepsy	01/30/2017	50,000
Hawkins, Virginia E	American Heart Association	Vascular CO2 Reactivity in Alzheimer's and Vascular Dementia	02/14/2017	231,000
Jackson, Alexander C	DHHS/NIH/National Institutes of Health	Inhibitory Cell Types and Circuits in the Lateral Hypothalamus	03/06/2017	1,975,252
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Regulation of Photoreceptor Metabolism	01/24/2017	61,514
Loturco, Joseph J	DHHS/NIH/National Institutes of Health	Developmental Pathophysiology in Neocortex Caused by Somatic Mutations	02/21/2017	1,945,504
Mulkey, Daniel K	American Epilepsy Society	Role of Respiratory Control in Seizure Propensity and SUDEP	01/31/2017	30,000
Mulkey, Daniel K	DHHS/NIH/National Institutes of Health	Role of KCNQ2 Channels in Control of Breathing	03/06/2017	2,163,410
Mulkey, Daniel K	DHHS/NIH/National Institutes of Health/University of Texas Health Science Center at Houston	Stroke Disordered Breathing Across Age and Gender and its Impact on Neurological Recovery and Mortality	03/16/2017	1,027,336
Nishiyama, Akiko	National Multiple Sclerosis Society	Neuronal-Activity Dependent Regulation of Remyelination by Chromatin Remodeling	01/27/2017	811,554
Shin, Dong-Ju	DHHS/NIH/National Institutes of Health	The microRNA Control of Alcoholic Liver Injury and Hepatic Lipid Metabolism	02/06/2017	2,005,000
Tzingounis, Anastasios	DHHS/NIH/National Institutes of Health	KCNQ2/3 Channels and Interneuron Physiology	03/06/2017	1,975,250
Tzingounis, Anastasios	DHHS/NIH/National Institutes of Health	UConn Postbaccalaureate Research Education Program (PREP)	01/24/2017	2,034,909
Wang, Li	American Heart Association	Integrating microRNA with lipid and glucose metabolism in fatty liver disease	02/10/2017	110,456
Yang, Zhihong	DHHS/NIH/National Institutes of Health	Integrating LncRNA to Methionine Metabolism in Alcoholic Liver Disease	02/13/2017	771,618
Political Science			1 Proposals	\$244,694
Richards, David L	NSF/National Science Foundation	Collaborative Research: Profiting from Torture: The Economic & Legal Landscapes	01/11/2017	244,694
Psychological Sciences			16 Proposals	\$18,797,026
Altmann, Gerald	DHHS/NIH/National Institutes of Health	Multiple Object-Instantiation During Language Comprehension	02/02/2017	3,629,078
Astur, Robert	DHHS/NIH/National Institutes of Health	The Effects of Nicotine on Learned Fear in Humans Using Virtual Reality	02/16/2017	150,352
Burke, Jeffrey D	DHHS/NIH/National Institutes of Health	Describing the Saliency of Frustrative Non-reward and Temper Loss in Chronic Irritability	02/15/2017	422,574
Chen, Chi-Ming	DHHS/NIH/National Institute of Mental Health/Drexel University	Well Child Lens: Web-Based Screening and Monitoring for Autism in Toddlers	01/18/2017	140,179
Coppola, Marie	NSF/National Science Foundation/Rochester Institute of Technology	PIRE: "Multimodal Multilingual Development in Multiple Environments (M3-PIRE)"	03/31/2017	53,382
Dixon, James A	NSF/National Science Foundation	Non-Equilibrium Thermodynamics of Learning in Dissipative Networks	01/25/2017	844,282
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health	Optimal Outcomes in ASD: Adult Functioning, Predictors, and Mechanisms	03/06/2017	3,748,444
Fein, Deborah A	Autism Speaks	An Online Parent Training to Improve Parenting Knowledge, Self-efficacy & Parent/Child Communication	03/06/2017	64,000
Fitch, Roslyn H	Simons Foundation	Transgenic Mouse Models of Perceptual Acoustic Enhancements in ASD	03/09/2017	69,830

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Frank, Till	NSF/National Science Foundation	Affordances and Adaptation: Obtaining New Insights with the Help of the Quasi-Attractor Theory of Synergetics	01/30/2017	658,367
Large, Edward W	NSF/National Science Foundation	IOS Preliminary Proposal: Collaborative Research: Temporal Dynamics as a Determinant of Affiliative Behavior in Bonobos and Bottlenose Dolphins	01/19/2017	
Large, Edward W	NSF/National Science Foundation	Rhythmic Neural Networks: Theory and Experiment	02/01/2017	604,597
Magnuson, James S	NSF/National Science Foundation	Computational Approaches to Human Spoken Word Recognition	02/01/2017	487,451
Magnuson, James S	NSF/National Science Foundation	NRT-UtB-DESE: Science of Learning, from Neurobiology to Real-World Application: A Problem-Based Approach	02/07/2017	2,999,855
Naigles, Letitia	DHHS/NIH/National Institutes of Health	Brain Correlates and Early Predictors to School-Age Language	02/06/2017	2,188,375
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health	How compensatory plasticity is mediated by homo-, hetero- and homeostatic synaptic changes	02/06/2017	2,736,260
Sociology			2 Proposals	\$155,018
Cheng, Hsu-Chih	Spencer Foundation	Effects of Parental Overinvolvement on Child Outcomes from Elementary to Middle School	02/01/2017	50,000
Voyer, Andrea M	American Council of Learned Societies	Emily Post's Etiquette: Web-Based Tools for Searching and Analyzing the Emily Post Digital Corpus	01/25/2017	105,018
Speech, Language and Hearing Sciences			1 Proposals	\$77,029
Grela, Bernard	ED/Office of Special Education and Rehabilitative Services/University of Connecticut Health Center	Interdisciplinary Sequence in Early Childhood Intervention for Master's Degree Students in Speech, Language & Hearing and in Special Education	03/06/2017	77,029
Statistics			5 Proposals	\$1,272,028
Harel, Ofer	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Connecticut Health Center	State Innovation Model/Round Two of Funding for Design and Test Assistance	02/23/2017	39,321
Ravishanker, Nalini	NSF/National Science Foundation	Collaborative Research: TRIPODS: NE Consortium for the Advancement of Data Science (NECADS)-Foundations of High Performance Techniques for High-Dimensional & High-Frequency Data	03/13/2017	825,000
Wang, Haiying	NSF/National Science Foundation	BIGDATA:F:Collaborative Research:Optimal Subsampling for Big Data and Rare Events Data	03/22/2017	365,707
Wang, Xiaojing	Simons Foundation	Bayesian Modeling & Inference of Latent Structures in Personalized Learning	01/31/2017	42,000
Zhang, Yuping	Alzheimer's Association	Integrative Analyses to Investigate Heterogeneity in Alzheimer's Disease	03/01/2017	
NEAG School of Education			13 Proposals	\$56,839,103
Curriculum and Instruction			2 Proposals	\$1,968,366
Dostal, Hannah M	ED/Office of Special Education and Rehabilitative Services	The Literacy-Language Collaborative: Preparing Professionals to Support the Literacy Development of Children who are Deaf or Hard of Hearing	03/06/2017	1,218,288
Wilson, Suzanne	NSF/National Science Foundation/Rutgers University	STEM+C: Teacher Professional Development in Computational Thinking (CTPDe)	03/22/2017	750,078
Education Dean			1 Proposals	\$50,006,123
Anagnostopoulos, Dorothea	ED/Department of Education	Network for Educational Renewal through Residencies	03/24/2017	50,006,123
Educational Leadership			2 Proposals	\$92,284
Dougherty, Shaun M	DHHS/NIH/National Institutes of Health/University of California, Santa Barbara	The Effect of Full-Day Kindergarten on Child Health Outcomes	01/18/2017	71,584

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Michno, Jennifer A	Hartford Foundation for Public Giving	UCAPP Curriculum Design	02/22/2017	20,700
Educational Psychology			8 Proposals	\$4,772,330
Coyne, Michael D	ED/Department of Education	Project NeXus II	02/06/2017	1,127,452
Hines, Erik M	NSF/National Science Foundation	Collaborative Research: Windows of Opportunity-Understanding Black Male Engineers in the Pursuit of Advanced Degrees	02/06/2017	199,109
Lombardi, Allison	ED/Department of Education/CT Department of Education	Post-School Outcomes Survey of CT Special Education Students	01/20/2017	246,809
Renzulli, Joseph S	Cooke (Jack Kent) Foundation	Young Scholars Senior Summer Program	03/31/2017	299,999
Sanetti, Lisa M	ED/Office of Special Education and Rehabilitative Services	Project PSYCHS2 - (School) Psychologists Serving Youth through Coordinated Health Services in Schools	02/06/2017	1,248,960
Sugai, George M	ED/Office of Special Education and Rehabilitative Services/University of Oregon	National Center on Positive Behavioral Interventions and Supports	02/21/2017	250,000
Sugai, George M	ED/Office of Special Education and Rehabilitative Services/University of Oregon	National Center on Positive Behavioral Interventions and Supports	02/21/2017	150,000
Young, Michael F	NSF/National Science Foundation	Learning Computational Thinking in the Context of Energy Consumption and the Internet of Things (LComTECiT)	03/29/2017	1,250,001
School of Business			2 Proposals	\$33,150
Finance			2 Proposals	\$33,150
Carstensen, Fred V	National Diaper Bank Network	Projecting the Dynamic Benefits of the New Haven Diaper Bank	02/22/2017	9,800
Carstensen, Fred V	Niagara Bottling	Evaluating the impacts of construction and operation of a plant in Bloomfield CT	02/17/2017	23,350
School of Engineering			100 Proposals	\$33,204,625
Biomedical Engineering			9 Proposals	\$1,851,131
Chon, Ki	DHHS/NIH/National Institutes of Health/Mobile Sense Technologies	Waterproof Leadless Armbands for Continuous Wireless Monitoring for Atrial Fibrillation	01/05/2017	39,999
Chon, Ki	DOD/Department of the Army/Duke University	Does Heart Rate Variability Predict Impairment of Operational Performance in Divers?	02/01/2017	60,419
Chon, Ki	DOD/Navy/Naval Sea Systems Command (NAVSEA)/Duke University	Identification of Narcotizing Gas Thresholds	03/31/2017	55,208
Feng, Bin	NSF/National Science Foundation	Understanding the Multiscale Mechanics of Nerve Endings to Address Visceral Pain	01/12/2017	432,481
Hoshino, Kazunori	NSF/National Science Foundation	Mechanical Analysis of Evolving Heterogeneity in 3D Normal and Tumorigenic Tissues	01/13/2017	450,000
Kaputa, David F	ABM Health	2017-2019 Clinical Engineering Internship at ABM Healthcare	02/08/2017	123,480
Kaputa, David F	International Shared Services (ISS) Solutions	2017-2018 Clinical Engineering Internship at Geisinger Medical Center	02/03/2017	131,040
Kaputa, David F	Stanford Children's Health	2017-2018 Clinical Engineering Internship at Stanford Health	02/03/2017	76,658
Zheng, Guoan	NSF/National Science Foundation	Development of Microscopic Virtual Reality System with 360 View Angle and Force Sensing Feedback	03/06/2017	481,846
Center for Clean Energy Engineering			11 Proposals	\$4,488,161
Bazzi, Ali	DOD/Department of Defense/Qualtech Systems	Diagnosis-Driven Prognostics and Health Management of Lead Acid Batteries in Military Ground Vehicles	02/07/2017	49,661

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Bazzi, Ali	NSF/National Science Foundation	NRT-IGE: Multidisciplinary Cohort-Thesis in Energy Systems: A Pilot Program	02/07/2017	499,986
Kim, Jeongho	United Technologies-Pratt & Whitney	UConn - Compression Systems: Composites Manufacturing, Analysis and Test	01/30/2017	65,500
Lei, Yu	NSF/National Science Foundation	Continuous, Green, Sustainable Nanomanufacturing for Flexible Paper-Based High-Efficiency Enzyme-Cascade Bioreactor	01/13/2017	1,500,000
Maric, Radenka	DOE/Department of Energy	Catalysts for Electrochemical CO2 Capture and Electrocatalysis and the Conversion of Ethanol	01/31/2017	0
Maric, Radenka	DOE/Department of Energy/United Technologies-Research Center	Solid Oxide Electrolysis Cell Deposition on Metal Substrate by RSDT	02/15/2017	77,000
Maric, Radenka	NSF/National Science Foundation/Rutgers University	NM: Layered Manufacturing of Nanostructured Materials	01/10/2017	750,000
Park, Sung Yeul	NSF/National Science Foundation	CPS: Small: Live-in Battery Management Systems Powered by Impedance Measurement and Cloud Computing	03/06/2017	500,000
Pasaogullari, Ugur	DOE/Department of Energy/Sustainable Innovations	Emergency Hydrogen Refueler	02/07/2017	40,013
Singh, Prabhakar	DOE/Department of Energy	Topic 2A: Durable, High-Performance Materials and Interfaces for Advanced Water Splitting	02/21/2017	1,000,001
Willis, Brian G	NSF/ENG/Directorate for Engineering	Tunable Plasmonic Nanostructures by Atomic Layer Deposition	03/20/2017	6,000
Chemical and Biomolecular Engineering			3 Proposals	\$2,943,197
Burkey, Daniel D	NSF/National Science Foundation	Pathways to Engineering (PEN): Creating a Seamless Transition for Community College Students	03/29/2017	2,255,197
Mustain, William	DOE/Office of Energy Efficiency and Renewable Energy	Industrial Assessment Center at the University of Connecticut	03/13/2017	680,000
Sun, Luyi	NASA/National Aeronautics and Space Administration/University of Hartford	Nanocoatings to Increase the Barrier Properties and Thermal Insulation for Aerospace Products	03/09/2017	8,000
Civil and Environmental Engineering			9 Proposals	\$2,530,639
Anagnostou, Emmanouil N	NASA/National Aeronautics and Space Administration	Characterization and Modeling of Passive Microwave Precipitation Uncertainty over Complex Terrain	01/31/2017	45,000
Astitha, Marina	EPA/Environmental Protection Agency	Prediction of Harmful Algal Blooms Combining Weather, Air Quality, and Ecosystem Models with Satellite and In-Situ Measurements	01/04/2017	311,169
Bagtzoglou, Amvrossios C	EPA/Environmental Protection Agency/CT Department of Public Health	Environmental Engineering Internships	03/30/2017	10,000
Chrysochoou, Maria	NSF/National Science Foundation	A Bottom-up Approach to Design of Chemical Soil Stabilization Using Thermodynamic Modeling	03/13/2017	294,973
Esmaili Zaghi, Arash	NSF/ENG/Directorate for Engineering	REU Site: Research Experience in Cyber and Civil Infrastructure Security for Students with ADHD: Fostering Innovation	03/22/2017	30,000
Esmaili Zaghi, Arash	NSF/ENG/Directorate for Engineering	REU Site: Research Experience in Cyber and Civil Infrastructure Security for Students with ADHD: Fostering Innovation	03/13/2017	20,000
Mellor, Jonathan E	DHHS/NIH/National Institutes of Health	Identifying Climate Impacts on Diarrhea Pathogen Pathways and Taxa in Ethiopia	02/16/2017	418,291
Zhang, Wei	DOC/NOAA/Oceanic and Atmospheric Research	An Integrated Modeling and Decision Making Tool for Resilient Coastal Community	03/15/2017	1,101,206
Zhang, Wei	NSF/National Science Foundation	CRISP Type 1: Integrated Human-Physical-Cyber System Modeling Framework for Critical Chemical Infrastructures	02/08/2017	300,000
Computer Science and Engineering			10 Proposals	\$4,649,735

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Han, Song	NSF/National Science Foundation	Collaborative: Towards a Two-way Communication Framework with Verifiable Authenticity and Integrity in Resource-constrained Industrial IoT Networks	03/16/2017	149,547
Han, Song	NSF/National Science Foundation	II-New: A Hybrid Software-defined Real-time Sensing and Control Network Testbed for Performance-critical Cyber-Physical Applications	01/18/2017	547,638
Han, Song	NSF/National Science Foundation/University of California, Santa Cruz	SCC-Planning: Towards a Virtual Reality Based Smart Community for People with Visual Impairments	02/14/2017	24,263
Huang, Chun-Hsi	NSF/National Science Foundation	Cyber Training: DSE: Extreme-Scale Scientific Data Analytics: Principles and Practice	01/18/2017	488,029
Khan, Mohammad M	DOD/Office of the Secretary of Defense	Proposal White Paper	03/20/2017	881,944
Peters, Thomas J	DHHS/NIH/National Institutes of Health	Modeling the Neurodevelopment Impact of Hydrocephalus	02/16/2017	449,499
Rajasekaran, Sanguthevar	NSF/National Science Foundation	BIGDATA: IA: Learning and Big Data Techniques to Accelerate the Discovery of Biomaterials	03/22/2017	1,789,554
Sheehy, Donald R	DOD/Air Force Research Laboratory/Alion Science and Technology	Topological Detection of Geometric Structure	02/17/2017	208,500
Wang, Bing	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	REU: SCH: EXP: Life Rhythm: A Framework for Automatic and Pervasive Depression Screening Using Smartphones	03/30/2017	10,800
Wang, Bing	NSF/National Science Foundation	Using Technology to Improve Communitywide Mental Health and Wellness	02/16/2017	99,961
Connecticut Transportation Institute			7 Proposals	\$867,596
Christenson, Richard	NSF/National Science Foundation	EAGER: Collaborative Research: Aeroelastic Real-Time Hybrid Simulation - A New Concept for Wind Engineering Testing	01/20/2017	118,262
Ivan, John N	CT Department of Transportation	Estimation of Local Road AADT Using Demographic, Land Development and Geospatial Data	02/28/2017	137,000
Jackson, Eric D	CT Department of Transportation	Connecticut Pedestrian Safety Study and Strategic Plan Development	02/08/2017	236,972
Konduri, Karthik C	New York Metropolitan Transportation Council/Cambridge Systematics	Consultant Planning Service Agreements (PSA4) for NYMTC	01/13/2017	0
Lownes, Nicholas	National Academy of Sciences/Stantec	Evaluating Compatibility Zoning at General Aviation Airports	02/08/2017	65,376
Mahoney, James M	DOT/Federal Highway Administration/CT Department of Transportation	Development of a Digital Design Environment for CTDOT - Task #24	03/03/2017	279,958
Mahoney, James M	DOT/Federal Highway Administration/CT Department of Transportation	Northeast Autonomous Vehicle Summit	03/17/2017	30,028
Electrical and Computer Engineering			13 Proposals	\$3,719,380
Dani, Ashwin	ABB	Automatic Training Sample Generation for Object Recognition	01/05/2017	41,709
Jain, Faquir C	DOD/DARPA/Defense Advanced Research Projects Agency	Variable Magnetic Flux Generator Employing Rotating Thin Disk Arrays	03/22/2017	1,103,695
Jain, Faquir C	NSF/National Science Foundation	EAGER: Cladded Quantum Dot Superlattices to Design and Fabricate Novel Lasing Diodes on Si	02/13/2017	39,514
Javidi, Bahram	DOD/Department of the Army	Passive Three-Dimensional Imaging in Low Light Levels with Mobile Devices	02/17/2017	203,130
Javidi, Bahram	Electronics and Telecommunications Research Institute (ETRI)	3D Augmented Reality	02/28/2017	10,000
Javidi, Bahram	Nikon	3D Optical Sensing and Imaging Using Nikon's Optical Components and Devices: Applications to Real-Time Automated Health Monitoring	02/23/2017	28,521

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Pattipati, Krishna R	Toyota Research Institute	Machine Learning Approaches for Adaptive Prognostics and Diagnostics of IGBT Failures	03/20/2017	50,906
Wang, Lei	NSF/National Science Foundation	CPS: Medium: Collaborative Research: An In-plant Sensing and Analysis System for Proactive Mitigation of Environmental Stresses in Crops	03/06/2017	394,738
Wang, Lei	NSF/National Science Foundation	Collaborative Research: Operation-Oriented Design and Reliability Improvement of Transient Electronics for Environmentally Benign Applications	01/13/2017	249,362
Wang, Lei	NSF/National Science Foundation/University of Arkansas	INFEWS/T3: ASSISTANCE: A SenSing and Modeling SysTem enAbling EfficieNt use of ResourCEs	03/03/2017	400,000
Willett, Peter K	DOD/Missile Defense Agency/Toyon	Integrated Bias Estimation and Tracking for EO/IR Fused Systems	02/08/2017	299,924
Zhang, Liang	NSF/National Science Foundation	CPS: Medium: Collaborative Research: Attack-Resilient Cyber-Physical Systems: Scalable Design, Analysis and Testbed Verification	03/06/2017	659,198
Zhang, Liang	NSF/National Science Foundation	Collaborative Research: Analysis and Control of Customizable Manufacturing Systems: Theory and Application	01/13/2017	238,683
Engineering Dean			2 Proposals	\$1,434,262
Accorsi, Michael L	DOD/NAVY/Office of Naval Research	Southeast New England Naval STEM Coalition: Advancing the Navy's STEM Education and Workforce Capabilities	03/22/2017	1,320,000
Bozorgmanesh, Hadi	Connecticut Innovations	The Third Bridge	02/10/2017	114,262
Eversource Energy Center			1 Proposals	\$699,739
Zhang, Peng	NSF/National Science Foundation	MRI: Development of a Software-Defined Electric Distribution Network Instrument for Research in Smart and Connected Communities	01/11/2017	699,739
Materials Science and Engineering			4 Proposals	\$780,913
Hebert, Rainer J	DOD/Air Force Research Laboratory/HiFunda	Additive Manufacturing of Landing Gear Components by Selective Laser Melting	02/07/2017	49,000
Hebert, Rainer J	DOD/NAVY/Office of Naval Research	Novel Al-Transition Metal-Rare Earth Metal Alloys for Additive Manufacturing of Naval Components	02/15/2017	415,784
Hebert, Rainer J	DOE/Department of Energy/HiFunda	Fabrication of Extreme Environment Materials for Large Parts Using Additive Manufacturing Methods	02/07/2017	49,000
Huey, Bryan	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Characterization and Mapping of Acoustic Radiation Force for Bone Repair	02/01/2017	267,129
Mechanical Engineering			30 Proposals	\$8,742,500
Cao, Chengyu	NSF/National Science Foundation	A Novel Medical Snake-Robot Made out of Optical Fibers	02/02/2017	448,668
Cao, Chengyu	NSF/National Science Foundation	Collaborative Research: Temperature Field Reconstruction using Adaptive Acoustic signals Generated by Novel Diaphragm-Based Optical Fiber Actuators	01/13/2017	124,308
Cetegen, Baki	United Technologies-Pratt & Whitney	Temperature and Mixture Fraction Measurements Upstream of Flame Stabilization Location in Jet in Cross Flow	03/08/2017	9,994
Cetegen, Baki	United Technologies-Pratt & Whitney/United Technologies Corporation	Review of Heat Transfer Modeling Approaches for Combustor Liners	01/27/2017	81,595
Chiu, Wilson K	NSF/National Science Foundation	Collaborative Research: The Role of 3-D Grain Boundary Conductivity Enhancement in Mixed Ionic-Electronic Conductors	01/16/2017	240,000
Fan, Tai-Hsi	NSF/National Science Foundation	Prediction and Removal of Surface Defects for Additive Manufacturing	01/13/2017	330,023
Jordan, Eric H	United Technologies-Pratt & Whitney	Direct Heat Flux Measurement of TBC with MW & LW IR Camera	01/30/2017	75,000
Jordan, Eric H	United Technologies-Pratt & Whitney	Direct Heat Flux Measurement of TBC with MW & LW IR Camera	03/28/2017	60,000

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Jordan, Eric H	United Technologies-Pratt & Whitney	Gradient Rig Testing Simulation of CMAS Damage Progression	03/28/2017	23,717
Jordan, Eric H	United Technologies-Pratt & Whitney	Gradient Rig Testing Simulation of CMAS Damage Progression	01/30/2017	164,852
Li, Ying	American Chemical Society/Petroleum Research Fund	Fundamental Insights into Molecular Selectivity of Synthetic Membranes Through Molecular Simulations	03/17/2017	110,000
Li, Ying	NSF/National Science Foundation	Collaborative Research: An Integrated Theoretical, Experimental and Computational Study of the Interfacial Self-Healing of Nanocomposite Hydrogels	01/13/2017	183,815
Li, Ying	NSF/National Science Foundation	Collaborative Research: Synthesizing High-Performance Thermoelectric Metastructures with Phonon Engineering & Functional Additive Manufacturing	01/13/2017	183,815
Li, Ying	NSF/National Science Foundation	SI2-SSE: Collaborative Research: Building an Efficient Toolkit for Multiphysics and Multiscale Coupling	03/07/2017	205,162
Lu, Tianfeng	DOD/Department of Defense/CFD Research Corporation	Efficient Combustion Chemistry Model Development with Uncertainty Quantification	02/07/2017	45,000
Lu, Tianfeng	NASA/National Aeronautics and Space Administration	Reduced Kinetic Models with Fuel Sensitivity for Turbulent Combustion Simulations	02/16/2017	300,000
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Biodegradable Intracranial Pressure Sensor Based Solely on Medical Biomaterials	02/15/2017	427,926
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	One Step Surgical Procedure for the Treatment of Bone Defects with Short Term Treatment of Osteogen Small Molecule	02/02/2017	250,581
Norato Escobar, Julian A	NSF/National Science Foundation	Collaborative Research: Bone Adaptation-Driven Design of Scaffolds with Spatially-Varying Architecture for Enhanced Growth	01/13/2017	284,279
Pierce, David M	DHHS/NIH/National Institutes of Health	Accumulation of Microtrauma and Loss of Function in Articular Cartilage	02/06/2017	2,210,604
Pierce, David M	DHHS/NIH/National Institutes of Health/University of Colorado, Boulder	Imaging and Analysis of Cartilage Gradients to Predict OA Progression in Vivo	03/31/2017	1,330,202
Sung, Chih-Jen	DOD/Department of Defense/Innovative Scientific Solutions	A Fast, Accurate and Robust Combustion-Chemistry Module for JP-8 Fuel for Use in 3-D CFD Codes	01/30/2017	30,000
Tang, Jiong	NSF/National Science Foundation	BIGDATA: IA: Collaborative Research: From Bytes to Watts - A Data Science Solution to Improve Wind Energy Reliability and Operation	03/22/2017	274,999
Tang, Jiong	United Technologies-Aerospace Systems	Complex Housing Optimization	02/17/2017	65,817
Tasoglu, Savas	Cancer Disparities Research Network	Flow Assisted, Low Cost, Mobile Magnetic Cytometry for Circulating Tumor Cell Detection and Monitoring	03/31/2017	10,000
Tasoglu, Savas	DHHS/NIH/National Institutes of Health/MBiotics	A Point-of-Care Platform for Monitoring Sickle Cell Disease	01/05/2017	45,000
Tasoglu, Savas	NASA/National Aeronautics and Space Administration	Automated Continuous Health Monitoring from Urine	03/31/2017	599,999
Tasoglu, Savas	NSF/National Science Foundation	Advanced Monitoring and Control of Self-Contained, Inexpensive and Portable Device for Sickle Cell Disease Diagnosis	01/13/2017	459,144
Zhang, Dianyun	DOE/Idaho Operations Office/Utah State University	Experiment and Multiscale Modeling of Slow Crack Growth of SiC/SiC Composites in Operating Reactor Environments.	02/14/2017	160,000
Zhao, Xinyu	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	CRII: ACI: Efficient Radiative Heat Transfer Modeling in Large-Scale Combustion Systems	03/29/2017	8,000
UTC Institute for Advanced Systems Engineering			1 Proposals	\$497,372
Duggirala, Parasara S	NSF/National Science Foundation	Numerical and Symbolic Techniques for Verification and Synthesis of Cyber-Physical Systems	03/06/2017	497,372
School of Fine Arts			1 Proposals	\$123,440

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School of Fine Arts			1 Proposals	\$123,440
Bowen, Kenneth	NSF/National Science Foundation/TheBeamer	Independent Science Learning through Serious Games with Expert Avatars and Complementary Stories	02/24/2017	123,440
School of Nursing			11 Proposals	\$3,488,930
School of Nursing			11 Proposals	\$3,488,930
Alexander, Ivy M	DHHS/HRSA/Health Resources and Services Administration	PCNP CUPs: Primary Care NPs Caring for Underserved Communities, an Innovative Clinical-Academic Partnership to Enhance Graduate NP Preparation for Practice	01/25/2017	1,046,901
Baumbauer, Kyle M	Allen Foundation	Targeting ASIC3 for Disruption of Nociceptor Sensitization Following Spinal Cord Injury	02/06/2017	50,000
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health	Targeting ASIC3 to Disrupt Nocceptor Sensitization Following Spinal Cord Surgery	02/16/2017	431,032
Judge, Michelle P	DHHS/NIH/National Institutes of Health	Adaptive Symptom Care with Exercise and Nutritional Directives with Breast Cancer (ASCEND BCA)	02/27/2017	461,510
McCauley, Paula	Macy (Josiah), Jr. Foundation	COordinated Pain-management Education with Practice Applications for Interprofessionals (COPE with PAIN)	02/17/2017	221,552
McGrath, Jacqueline M	Connecticut Children's Medical Center	Agreement for McGrath Research Services for CCMC	02/08/2017	138,463
McGrath, Jacqueline M	National League for Nursing	Integration of Innovation and Health Solutions: Does it Matter?	02/08/2017	23,858
Shellman, Juliette M	DHHS/NIH/National Institute of Nursing Research	The STARR Program: STudents Advancing Reminiscence Research using a Community Engaged Approach	02/27/2017	460,646
Starkweather, Angela R	DHHS/NIH/National Institutes of Health/Children's Hospital of Philadelphia	Genetic, Psychological, and Behavioral Contributors to Stress Reactivity and Response in Emerging Adults with Childhood Chronic Health Conditions	02/03/2017	459,896
Starkweather, Angela R	DHHS/NIH/National Institutes of Health/University of Maryland, Baltimore County	Physiological, Psychological, and Genomic Factors that Predict the Transition from Acute to Chronic Pain in Patients with Traumatic Lower Extremity Fracture	03/20/2017	68,280
Starkweather, Angela R	DHHS/NIH/National Institutes of Health/Virginia Commonwealth University	Veterans Integrative Pain Pragmatic Effectiveness Research (VIPER)	02/17/2017	126,792
School of Pharmacy			18 Proposals	\$6,233,466
Pharmaceutical Sciences			16 Proposals	\$6,204,506
Balunas, Marcy J	American Chemical Society/Petroleum Research Fund	Investigation of Host-Microbe Symbioses for Novel Antimicrobial Compounds as Chemical Defense Mechanisms	03/01/2017	26,600
Balunas, Marcy J	American Foundation for Pharmaceutical Education	Investigation of Natural Products for the Treatment of Traumatic Brain Injury	01/18/2017	10,000
Balunas, Marcy J	NSF/National Science Foundation/Wesleyan University	Determining the Genetic, Cellular and Molecular Basis of Host Specialization in Drosophila Sechellia	01/19/2017	0
Burgess, Diane J	DOE/Office of Energy Efficiency and Renewable Energy	Continuous Manufacturing of Complex Dosage Form	01/30/2017	0
Burgess, Diane J	Juvenile Diabetes Research Foundation (JDRF)	Identification and Validation of Biomarkers for Meals, Exercise and Stress to Automate Artificial Pancreas Systems	01/25/2017	500,000
Hadden, Kyle	DHHS/NIH/National Cancer Institute	Identification of Small Molecule Scaffolds that Modulate ATRX Function	02/27/2017	159,500
Hadden, Kyle	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Targeting Pathological Vascular Permeability through Endothelial PLC-beta and TRP Channel Calcium Pathways	02/15/2017	540,801
Kendall, Debra A	DHHS/NIH/National Institutes of Health	In Vitro Evaluation of Newly Discovered CB2 Selective Agonists for Therapeutics	03/02/2017	159,500

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Kendall, Debra A	DHHS/NIH/National Institutes of Health	Revealing the roles of CB1 Conformation and Phosphorylation in its Biased Signaling	03/30/2017	438,625
Rasmussen, Theodore	DHHS/NIH/National Institutes of Health	Control of Apolipoprotein Expression by Noncoding RNA	03/06/2017	1,965,731
Vinogradova, Olga	American Heart Association	The Role of Integrins Clustering in Src-Mediated Signaling	02/15/2017	154,000
Wiemer, Andrew J	American Foundation for Pharmaceutical Education	Mechanisms of Leukemia Cell Death Induced by Novel Geranylgeranyl Diphosphate Synthase Inhibitors	01/18/2017	10,000
Wiemer, Andrew J	Cancer Research Institute	Stimulation of Gamma-Delta T Cells Using HMBPP Phosphonate Analogs and Prodrugs as a Cancer Immunotherapy	03/31/2017	175,500
Wright, Dennis	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Identification of Small-molecule Inhibitors of Fbw7-mediated DISC1 Protein Degradation	03/07/2017	79,000
Zhong, Xiaobo	American Foundation for Pharmaceutical Education	Impact of Drug Treatment at Neonatal Ages on Variability of Drug Metabolism and Drug Interactions in Adult Life	01/18/2017	10,000
Zhong, Xiaobo	DHHS/NIH/National Institutes of Health	The role of long non-coding RNAs in the regulation of drug metabolism	02/02/2017	1,975,249
Pharmacy Practice			2 Proposals	\$28,960
Smith, Marie A	Community Pharmacy Foundation	Building the Case: Changing Consumer Perceptions of the Value of Expanded Community Pharmacist Services	01/04/2017	28,960
Sobieraj, Diana	Patient-Centered Outcomes Research Institute (PCORI)	PCORI Evidence Maps, Topic Briefs and Topic Refinements	02/15/2017	0
School of Social Work			4 Proposals	\$473,390
School of Social Work			4 Proposals	\$473,390
Kennedy, Stephanie C	DOJ/National Institute of Justice/University of North Carolina, Charlotte	Exploring the Role of Jail Contact in Women's Pathways to Prison	03/09/2017	50,930
Lloyd, Margaret H	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/Oklahoma Department of Mental Health and Substance Abuse Services	OKMHAS Comprehensive Approaches to Recovery Enhancement (CARE) Grant	03/02/2017	72,546
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	State Targeted Response to the Opioid Crisis Grants (Opioid STR)	02/17/2017	297,505
Ulaszek, Wendy R	Urban Institute	Evaluating Early Access to Medicaid as a Reentry Strategy	02/24/2017	52,409
Academic and Service Programs			6 Proposals	\$588,399
Global Affairs			1 Proposals	\$24,990
Pietro, Roy E	Partners of the Americas	The Marlene M. Johnson Innovation Challenge for U.S. - Cuba, Caribbean, and Central American Academic Mobility	03/29/2017	24,990
Provost & Exec VP Academic Affairs			2 Proposals	\$53,530
Reis Renzulli, Sally	NSF/National Science Foundation	Preliminary Proposal NSF INCLUDES: Connecticut Collective Impact Collaborative	02/14/2017	0
Saunders-Kanabay, Luann	ED/Department of Education	Fulbright-Hays-Doctoral Dissertation Research Abroad Applications	03/13/2017	53,530
Student Activities			1 Proposals	
Devivo Brassaw, Gina	Jumpstart	Jumpstart UConn	03/09/2017	
Undergraduate Education			1 Proposals	\$10,000
Richardson, Wendi L	People's United Community Foundation	Pre-College Summer @ UConn Program 2017	02/01/2017	10,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
VP Graduate Education & Dean			1 Proposals	\$499,879
Holsinger, Kent E	NSF/National Science Foundation	NRT-IGE: ICP-Individualized planning for Career development and Professional growth	02/06/2017	499,879
Vice President for Research			65 Proposals	\$35,126,753
Center for Environmental Sciences and Engineering			10 Proposals	\$5,117,411
Bazzi, Ali	NASA/National Aeronautics and Space Administration/Qualtech Systems	Predictive Analytics Based Power Demand Estimation & Diagnosis-Driven Prognosis for Autonomous Electrical Power Systems	01/18/2017	42,707
Fahey, Robert T	NSF/National Science Foundation	Preliminary Proposal: Collaborative Research: Disentangling the Mechanistic Effects of Ecosystem Physical and Biological Structure on Production	01/23/2017	
Li, Baikun	DOE/Department of Energy	UCR AOI 1-3: Low Cost, Real-Time, in Situ Continuous Measurement of Water Quality using Self-powered Wireless Milli-electrode Array (WiMEA) Sensor Package	02/17/2017	399,999
Li, Baikun	NSF/ENG/Directorate for Engineering	REU Supplement: PFI: AIR-TT: Prototype Development and Demonstration of Milli-Electrode Array (MEA) as Real-Time In Situ Profiling Device in Wastewater Treatment Systems	03/31/2017	12,000
McCutcheon, Jeffrey R	DOI/Department of the Interior	Developing Module-System Performance Relationships for Forward Osmosis System	01/18/2017	149,965
McCutcheon, Jeffrey R	NSF/National Science Foundation	Electrospray Polymerization for Tunable Polyamide Film Formation	01/13/2017	337,192
McCutcheon, Jeffrey R	USDA/Department of Agriculture	Demonstrating Forward Osmosis for Manure Concentration	01/09/2017	1,075,712
McKinney, Melissa A	EPA/Environmental Protection Agency	Environmental Pollutant-Gut-Microbiota-Pathogen Interactions: Insight from the Polar Bear as a Sentinel for Human Health in the Arctic	03/02/2017	599,837
Willig, Michael R	NSF/National Science Foundation	Preliminary Proposal: Spatial and Seasonal Dynamics of Forest Bird Biodiversity: A Multiscale Perspective Based on Gradients of Energy Availability and Landscape Structure	01/23/2017	0
Zhang, Chuanrong	NSF/National Science Foundation	INFEWS/T2: A Spatial Decision Support System at the Nexus of Food, Bioenergy, Biodiversity, and Water Systems	03/06/2017	2,499,999
Institute for Collaboration on Health, Intervention and Policy			30 Proposals	\$21,082,327
Andreyeva, Tatiana	CT Department of Public Health	Enhancing Nutrition Training of Child Care Providers in the State of Connecticut	02/24/2017	8,170
Andreyeva, Tatiana	DHHS/CDC/Centers for Disease Control and Prevention	Evaluation of Food Assistance Policies on Population-level Risk Factors for Diabetes	02/13/2017	3,081,843
Andreyeva, Tatiana	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Increasing Participation in the Child and Adult Care Food Program (CACFP)	02/28/2017	50,907
Butler, Lisa M	DHHS/NIH/National Institute of Mental Health	Community-Based Intervention to Improve Maternal-Infant Health and Infant Neurobehavioral Development Outcomes Among HIV-Exposed and HIV-Unexposed Infants in Botswana	01/05/2017	4,079,736
Butler, Lisa M	DHHS/NIH/National Institutes of Health	A Multi-Component Food Security and Behavioral Intervention to Improve Maternal-Child Health Outcomes Amongst Young HIV-Infected Women in Uganda	02/07/2017	793,970
Cooksey, Kristen E	DHHS/NIH/National Heart, Lung, and Blood Institute/Brown University	The Effect of Neighborhood Food Environments on Diet Quality of Preschool Children in Family Child Care Homes	03/08/2017	158,958
Copenhaver, Michael M	DHHS/NIH/National Institutes of Health	Testing a Bio-Behavioral Primary HIV Prevention Intervention Among High-Risk People Who Use Drugs	01/06/2017	3,772,803

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Distefano, Lindsay	American Council on Exercise	Physical Literacy Assessment in Children	01/10/2017	10,665
Distefano, Lindsay	National Athletic Trainers' Association Research and Education Foundation	Comprehensive High School Sport Safety: A Personalized Approach for the Local Implementation of Best Practice Initiatives	02/14/2017	56,789
Eaton, Lisa A	DHHS/NIH/National Institutes of Health	Unified Intervention to Address PrEP Cascade for BMSM	01/04/2017	720,375
Gans-Deluca, Kim	DHHS/NIH/National Institute of Nursing Research/Brown University	Testing a Multilevel, Multicomponent, Multigenerational Dietary Intervention to Improve Southeast Asian Children's Diets	01/18/2017	982,812
Gans-Deluca, Kim	DHHS/NIH/National Institutes of Health/University of Rhode Island	A Home-Based Video and Motivational Interviewing Intervention to Improve Preschoolers Diet Quality and Parental Food Parenting Practices	01/31/2017	142,201
Gibbons, Frederick	DHHS/NIH/National Institute on Drug Abuse	Health Behaviors among Young Black Adults: Risk and Resilience	02/08/2017	117,921
Gorin, Amy	DHHS/NIH/National Institutes of Health/University of Texas, Austin	Optimizing Romantic Partner Support of Weight Loss	02/10/2017	81,472
Harris, Jennifer L	Johnson (Robert Wood) Foundation	Encouraging Industry and Government Action to Reduce Marketing Unhealthy Foods to Children: Phase V	01/27/2017	1,996,361
Himmelstein, Mary S	Society for the Psychological Study of Social Issues	Meet Me at the Crossroads: Weight-Stigma and the Intersections of Race and Gender	01/26/2017	2,000
Johnson, Blair T	DHHS/NIH/National Institute on Aging/Columbia University	InCHIP Healthy Habits Systematic Review Project	01/03/2017	713,107
Kalichman, Seth C	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Comparative Effectiveness Trial for Retention, Adherence and Health	02/22/2017	99,783
Lepley, Lindsey K	DHHS/NIH/National Institutes of Health/University of Michigan	MiACLR: Michigan Initiative for ACL Rehabilitation	01/12/2017	88,017
Park, Crystal	DHHS/NIH/National Cancer Institute/Connecticut Children's Medical Center	Improving Quality of Life for Pediatric Cancer Patients and Parents through Yoga: A Randomized Clinical Trial	03/01/2017	1,111,332
Park, Crystal	DHHS/NIH/National Institutes of Health	Innovative Approaches to Substance Use Treatment in College Students	03/20/2017	698,310
Park, Crystal	Templeton (John) Foundation	Development and Validation of a Measure of Implicit and Explicit Religious Beliefs	03/01/2017	216,494
Pescatello, Linda S	American College of Sports Medicine	A Comparison of the Practice of Two Tai Chi Interventions Tailored for Different Health Outcomes	01/20/2017	10,000
Puhl, Rebecca M	American Heart Association	American Heart Association Postdoctoral Fellowship -Himmelstein	02/10/2017	103,328
Puhl, Rebecca M	Australian Research Council/Monash University	Impact of Food Addiction Models of Obesity on Stigma, Weight and Policy	02/24/2017	9,418
Russell, Beth S	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	Improving Pain Self-Management in Adolescents and Parents through Distress Tolerance (IPASE-DT)	01/30/2017	214,311
Schwartz, Marlene B	Johnson (Robert Wood) Foundation/Action for Healthy Kids	Expanding the Wellness School Assessment Tool for the Whole School, Whole Child, Whole Community Model	02/15/2017	97,463
Smith, Marie A	DHHS/AHRQ/Agency for Healthcare Research and Quality	Primary Care Medication Use and Safety: Integrating Pharmacists in Complex Care Management Teams through E-Consultations (PCMUST)	01/23/2017	1,499,826
Taylor, Beth	Not Available/American Heart Association	Near Infrared Spectroscopy (NIRS) to Diagnose Statin-Associated Muscle Symptoms	02/06/2017	153,955
Watson, Ryan	American Psychological Foundation	An Intersectional Approach to Advance Understanding of School Achievement, Health Behaviors, and Family Experiences of LGBTQ Youth	02/17/2017	10,000
Institute of Materials Science			19 Proposals	\$7,525,768
Aindow, Mark	United Technologies-Aerospace Systems	UTAS Center for Excellence	01/20/2017	411,911

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Alpay, Pamir	United Technologies-Aerospace Systems	UTAS Center for Excellence - Searching for Novel Additive Manufacturable Aluminum Alloys for Aerospace Applications	02/08/2017	150,000
Gao, Puxian	DOE/Department of Energy	Multifunctional Nano-Array Integrated Monoliths for Cold-start and Low-temperature Emissions Control	03/24/2017	1,312,450
Gao, Puxian	NSF/ENG/Directorate for Engineering	SNM: Scalable and Sustainable Hydrothermal Manufacturing of Nano-array based Low Temperature Diesel Oxidation Catalysts	03/15/2017	8,000
Han, Martin	DHHS/NIH/National Institutes of Health/University of Southern California	Steerable Focused-Acoustic Neural Stimulation with Micron-Level Selectivity	01/17/2017	355,440
Hebert, Rainer J	United Technologies-Pratt & Whitney	Computational and Experimental Studies of Laser-Powder Interactions for Additive Manufacturing	01/24/2017	60,100
Huey, Bryan	DOE/Department of Energy/Case Western Reserve University	Determination of Real-world Power Change Rates in PERC Modules using Novel Characterization Techniques	03/01/2017	210,000
Huey, Bryan	NSF/National Science Foundation	MRI: Development of Tomographic Atomic Force Microscopy for Nanoscale Volumetric Materials Property Mapping and Machining	01/11/2017	998,939
Lee, Seok-Woo	American Chemical Society/Petroleum Research Fund	Strong, but Compliant Hybrid Organic-Inorganic Nanocomposite	03/16/2017	110,000
Nakhmanson, Serge M	NSF/National Science Foundation	DMREF: Collaborative Research: Adaptive Design Principles for Functional Molecular Ferroelectric Materials	01/17/2017	300,000
Nieh, Mu-Ping	Moderna Therapeutics	Moderna Therapeutics Sponsored Research Agreement	03/02/2017	84,373
Ramprasad, Ramamurthy	NSF/National Science Foundation	DMREF: A Framework for the Accelerated Design of Functional Polymers	01/11/2017	1,592,048
Suib, Steven L	NSF/National Science Foundation	An Integrated Theoretical and Experimental Research for MFI-Zeolite-Based High Temperature Gas Sensors	01/17/2017	788,507
Suib, Steven L	United Technologies-Aerospace Systems	UTAS Center of Excellence: High-Temperature Composites	02/10/2017	50,000
Sun, Luyi	EPA/Environmental Protection Agency	Carbon Dioxide Capture Using Hydrated Sodium Carbonate Powders	02/03/2017	15,000
Sun, Luyi	NASA/National Aeronautics and Space Administration/University of Hartford	Bio-inspired Mechanochromic Devices for Aerospace Applications	03/13/2017	13,000
Sun, Luyi	NSF/ENG/Directorate for Engineering	Controlling Microstructure of Hybrid Thin Films through Flow Induced Orientation	03/31/2017	16,000
Wei, Mei	DHHS/NIH/National Institutes of Health/OrteoPoniX	Development of an Osteoinductive Bone Graft Substitute with Sustained Drug Delivery	01/03/2017	50,000
Wei, Mei	NSF/National Science Foundation	DMREF: An Integrated Computational and Experimental Framework for Efficient Design and Fabrication of Biodegradable Composites for Perforated Bone Plates	01/17/2017	1,000,000
Northeast Undersea Research Technology and Education Center			1 Proposals	\$1,238,935
Babb, Ivar G	CT Department of Energy and Environmental Protection	The Long Island Sound Habitat Mapping Initiative Phase II - Eastern Long Island Sound	01/04/2017	1,238,935
Sea Grant College Program			5 Proposals	\$162,312
Barrett, Juliana	DOC/NOAA/National Ocean Service/Connecticut Fund for the Environment	Living Shoreline for East Shore Park, New Haven, CT	03/03/2017	59,113
Barrett, Juliana	DOC/NOAA/National Ocean Service/University of Rhode Island	Collaborative Regional Evaluation and Technical Expertise (CREATE) for Developing Coastal Resilience	03/03/2017	75,000
Barrett, Juliana	Town of Old Lyme, CT	Mapping Emergency Evacuation Information for Old Lyme	02/21/2017	1,200
Payne, Diana L	DOC/National Oceanic and Atmospheric Administration	Understanding Ocean Acidification: Global to Local Impacts	01/20/2017	9,999

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Pomeroy, Robert S	DOC/NOAA/Oceanic and Atmospheric Research/University of Hawaii at Manoa	Assessing and Building Adaptive Capacity to Address Climate Change Impacts on Fishing Communities and Fisheries Resources in Micronesia	03/31/2017	17,000
University of Connecticut - Storrs & Regional			386 Proposals	\$201,909,646
School of Dental Medicine			13 Proposals	\$4,625,117
Craniofacial Sciences			3 Proposals	\$1,312,216
Mina, Mina	DHHS/HRSA/Health Resources and Services Administration	Postdoctoral Training in General, Pediatric and Public Health Dentistry and Dental Hygiene	03/13/2017	579,435
Mina, Mina	DHHS/NIH/National Institute of Dental and Craniofacial Research	Skeletal, Craniofacial, and Oral Biology Training Grant (R90)	02/24/2017	76,064
Mina, Mina	DHHS/NIH/National Institute of Dental and Craniofacial Research	Skeletal, Craniofacial, and Oral Biology Training Grant (T90DE021989)	02/24/2017	656,717
Oral Health and Diagnostic Sciences			5 Proposals	\$1,971,988
Dongari-Bagtzoglou, Anna I	DHHS/NIH/National Institutes of Health	Oral Epithelial Cells, Candida and PMN Activation	03/06/2017	398,750
Ioannidou, Efthimia	DHHS/NIH/National Institutes of Health	Treat-to-target and personalized approach to periodontal therapy	02/02/2017	267,527
Lalla, Rajesh V	DHHS/NIH/National Institutes of Health/Carolinas Medical Center	Clinical Registry of Dental Outcomes in Head and Neck Cancer Patients	03/20/2017	671,665
Lalla, Rajesh V	Galera Therapeutics	A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Trial of the Effects of Intravenous GC4419 on the Incidence and Duration of Severe Oral Mucositis (OM) in Patients Receiving Post-Operative or Definitive Therapy with Single-Agent Cisplatin plus IMRT for Locally Advanced, Non-Metastatic Squamous Cell Carcinoma of the Oral Cavity or Oropharynx.	02/10/2017	65,509
Litt, Mark D	DHHS/NIH/National Institutes of Health	Individualized Assessment and Treatment for Marijuana Dependence: Treatment Mechanisms	01/06/2017	568,537
Reconstructive Sciences			5 Proposals	\$1,340,913
Dealy, Caroline N	ImpactAssets	Bioactive Proteins in Inflammatory Arthritis	01/27/2017	25,000
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	Mechanisms underlying commitment and differentiation of progenitor cells during bone healing	03/27/2017	478,500
Kalajzic, Ivo	University of Zagreb School of Medicine	Modulating Notch Signaling to Control Progression of Liver Fibrosis	03/02/2017	7,096
Kelly, J. Robert	DHHS/NIH/National Institutes of Health/Oral Fluid Dynamics	Artificial Salivary Gland, LLC	03/31/2017	503,067
Rowe, David W	DHHS/NIH/National Institutes of Health	Targeted Correction of Dominant Mutations of Type I Collagen Causing Severe OI	02/10/2017	327,250
School of Medicine			185 Proposals	\$137,826,648
Calhoun Cardiology Center - CCC			5 Proposals	\$4,504,375
Rash, Carla	DHHS/NIH/National Institutes of Health	Smoking Cessation Treatments for Homeless Smokers	01/30/2017	1,993,750
Yue, Lixia	American Heart Association/Mount Sinai School of Medicine	Molecular control of sinoatrial node development and maturation	02/16/2017	5,364
Yue, Lixia	DHHS/NIH/National Heart, Lung, and Blood Institute/Mount Sinai School of Medicine	Baf250a establishing gene activation and repression programs in the developing sinoatrial node	01/20/2017	62,337
Yue, Lixia	DHHS/NIH/National Heart, Lung, and Blood Institute/Mount Sinai School of Medicine	Molecular control of atrioventricular node development	01/19/2017	60,753

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Yue, Lixia	DHHS/NIH/National Institutes of Health	TRPM2 is a key mediator of ischemic brain injury	01/30/2017	2,382,171
Cell Analysis Modeling - CCAM			3 Proposals	\$1,656,417
Blinov, Michael	DHHS/NIH/National Institutes of Health	Methods and Tools for Simulation and analysis of dynamic multivalent molecular aggregates	01/31/2017	1,579,789
Carson, John H	Amyotrophic Lateral Sclerosis Association	RNA Granule Translation in ALS	01/26/2017	50,000
Yu, Ji	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Single Molecule Chromatin Interaction Analysis in Single Nuclei	01/25/2017	26,628
Cell Biology			11 Proposals	\$3,706,958
Jaffe, Laurinda	DHHS/NIH/National Institutes of Health	Signal Transduction at Fertilization	02/02/2017	456,798
Jaffe, Laurinda	DHHS/NIH/National Institutes of Health/University of Minnesota	Regulation of guanylyl cyclase A and B by hormones, ATP and phosphorylation	02/27/2017	91,159
Jaffe, Laurinda	ImpactAssets	Maintenance and Development of Transgenic Mice for Studies of Signal Transduction	03/10/2017	63,000
Pachter, Joel	GlaxoSmithKline	Collaboration on Drug Transport into the Brain	02/22/2017	75,000
Pachter, Joel	National Multiple Sclerosis Society	Extracellular vesicles and hES-MSCs as novel tools to aid in the diagnosis & treatment of secondary progressive disease	03/02/2017	745,944
Peluso, John J	DHHS/NIH/National Institutes of Health/University of Connecticut	Genetic Interrogation of Conserved Follicular Factors for Matrix Metalloproteinase Regulation and Ovulation	03/21/2017	14,327
Smilowitz, Henry	DHHS/NIH/National Institutes of Health/Nanoprobes	Avoiding Contrast Induced Nephropathy, A Minorities Health Disparity	02/02/2017	996,875
Smilowitz, Henry	DHHS/NIH/National Institutes of Health/Nanoprobes	Nanoparticle-CT Angiography	03/30/2017	66,355
Smilowitz, Henry	Keck (W. M.) Foundation	Avoiding Contrast Induced Nephropathy, A Minorities Health Disparity	02/14/2017	988,000
Terasaki, Mark R	DHHS/NIH/National Institutes of Health/University of Pittsburgh	Role of glial cells in normal and abnormal central sound processing	03/22/2017	159,500
Vigone, Giulia	Lalor Foundation	Reinitiation of meiosis by dephosphorylation of the NPR2 guanylyl cyclase in response to luteinizing hormone	01/10/2017	50,000
Center for Molecular Medicine			7 Proposals	\$3,711,970
Delany, Anne M	Connecticut Institute for Clinical and Translational Science (CICATS)	M1 Mentoring Award	02/22/2017	10,000
Delany, Anne M	DHHS/NIH/National Institutes of Health	Role of miR29 in osteoclastogenesis	03/10/2017	347,705
Heinen, Christopher D	Burroughs Wellcome Fund	The UConn Health Writing Program for Biomedical Science Trainees	03/02/2017	28,674
Heinen, Christopher D	DHHS/NIH/National Institutes of Health	Hereditary Cancer Variants of Uncertain Significance in Stem Cells	02/01/2017	1,958,784
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health	Dissecting intratumor heterogeneity of rectal carcinomas to identify biomarkers and modifiers to chemo...	03/13/2017	1,339,743
Rosenberg, Daniel W	Thetis Pharmaceuticals	Treatment with novel Thetis n-3 PUFA compounds, TP-252 (EPA) to test regression of adenomatous polyps	03/31/2017	6,064
Rosenberg, Daniel W	University of Connecticut	Development of compounds synthetically lethal to APC-mutant cancer cells	01/23/2017	21,000
Center for Public Health			1 Proposals	\$2,187,341
Gould, Bruce E	DHHS/HRSA/Health Resources and Services Administration	Area Health Education Centers, Point of Service for Maintenance and Education	03/22/2017	2,187,341

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Center for Quantitative Medicine			7 Proposals	\$7,645,916
Agresta, Thomas P	CT Office of the Healthcare Advocate	MOA Between the Office of the Healthcare Advocate and the University of Connecticut Health Center	01/23/2017	231,804
Laubenbacher, Reinhard	DHHS/NIH/National Institutes of Health	Multiscale modeling of the battle over iron in invasive lung infection	01/31/2017	3,935,164
Laubenbacher, Reinhard	DHHS/NIH/National Institutes of Health/Jackson Laboratory	JAX Center for PDX Model Development and Pre Clinical Trials	02/21/2017	237,984
Laubenbacher, Reinhard	DOD/Army/Department of the Army	Canalization: A fundamental design principle of gene regulatory networks	02/08/2017	70,000
Laubenbacher, Reinhard	NSF/National Science Foundation	Collaborative Research: TRIPODS: NE Consortium for the Advancement of Data Science (NECADS)-Foundations of High Performance Techniques	03/03/2017	224,999
Mendes, Pedro	DHHS/NIH/National Institutes of Health	Understanding and predicting iron physiology at multiple scales - from cells to individuals	01/27/2017	2,932,097
Vera-Licona, Martha Paola	Connecticut Children's Medical Center	Consultation and Bioinformatics Services	01/05/2017	13,868
Center for Vascular Biology			4 Proposals	\$5,021,817
Claffey, Kevin P	DHHS/NIH/National Institutes of Health	Targeting pathological vascular permeability through endothelial PLC-beta and TRP channel calcium pathways	02/22/2017	2,814,920
Moraru, Ion I	DHHS/NIH/National Institutes of Health/University of Washington	Center for Reproducible Systems for Biomedical Modeling	01/04/2017	1,010,520
Rodriguez, Annabelle	DHHS/NIH/National Institutes of Health	Lymphocyte Activation Gene-3 Deficiency Linked to Proinflammation and Atherosclerosis	03/27/2017	732,924
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Immune Evasion in Embryonic Stem Cell-based Tissue Repair and Transplantation	02/14/2017	463,453
Community Medicine and Health Care			6 Proposals	\$1,387,865
Cauley, Linda S	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Cellular Mechanisms of Viral Control	01/04/2017	401,242
Lazzarini, Zita	DHHS/NIH/National Institutes of Health/Medical College of Wisconsin	Sound Public Health Approaches to Knowing Exposure to HIV	02/16/2017	23,749
McRee, Bonnie G.	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	CT SBIRT Health Professionals Training Program	03/02/2017	314,145
Stevens, Richard G	DHHS/NIH/National Institutes of Health/Yale University	Study of Health Impact of Fluctuating-work Time (SHIFT): A Molecular Prospective	02/23/2017	181,389
Tennen, Howard A	DHHS/NIH/National Institutes of Health/Yale University	Partner Violence, Appraisal and Substance Use	01/23/2017	226,021
Ungemack, Jane A	CT Department of Children and Families/Social Finance	CT DCF Social Impact Bonding (SIB)	03/03/2017	241,319
Dermatology			1 Proposals	\$63,146
Strober, Bruce	AbbVie Pharmaceuticals	Protocol No. M16-048 entitled "A Phase 2b Multicenter, Randomized, Placebo-Controlled, Double-Blind Dose Ranging Study to Evaluate ABT-494 in Adult Subjects with Moderate to Severe Atopic Dermatitis"	03/06/2017	63,146
Family Medicine			1 Proposals	\$13,657
Wang, Xiaoyan	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	Statistical Methods for Health Care Utilization and Costs	03/01/2017	13,657
Genetics and Developmental Biology			15 Proposals	\$19,901,271
Carmichael, Gordon G	DHHS/NIH/National Institutes of Health	Nuclear-retained long noncoding RNA's	03/07/2017	326,821

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Chamberlain, Stormy J.	DHHS/NIH/National Institutes of Health	Determining the roles of individual UBE3A protein isoforms in Angelman syndrome	03/07/2017	431,032
Chamberlain, Stormy J.	NSF/National Science Foundation/University of Connecticut	NRT-UTB-DESE: Science of learning, from neurobiology to real-world application: a problem-based approach	01/26/2017	31,060
Cotney, Justin	DHHS/NIH/National Institute of Dental and Craniofacial Research	Identification of human orofacial enhancers and their role in orofacial cells	03/02/2017	239,279
Germain, Noelle	Angelman Syndrome Foundation	Investigating the efficacy of novel therapeutic approaches for restoring UBE3A expression in human Angelman syndrome...	03/13/2017	110,000
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	A Comprehensive Functional Map of Human Protein-RNA Interactions	01/18/2017	10,113,618
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	Complex RNA Processing	02/10/2017	610,181
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	Comprehensive Analysis of Functional RNA Elements Encoded in the Human Genome	01/26/2017	2,000,000
Gunzl, Arthur	DHHS/NIH/National Institutes of Health	Gene expression control by trypanosome cyclin-dependent kinase CRK9	02/28/2017	2,418,565
Lalande, Marc E	DHHS/NIH/National Institutes of Health	Modulating the stress response of human neurons via gene editing of FKBP5	02/10/2017	438,625
Lee, Se-Jin	DHHS/NIH/National Institutes of Health	TGF-beta family members and their binding proteins in aging skeletal muscle	01/27/2017	2,116,834
Li, James Y.H	DHHS/NIH/National Institutes of Health	Neurogenesis and morphogenesis of the cerebellum	03/13/2017	438,625
Mayer, Bruce J	DHHS/NIH/National Institutes of Health	Phosphotyrosine profiling of human lung cancer	02/22/2017	158,361
Mayer, Bruce J	DHHS/NIH/National Institutes of Health	Super-resolution affinity maps for protein interactions in signaling	02/10/2017	431,032
Young, Erin	DHHS/NIH/National Institutes of Health/University of Connecticut	Genetic, Psychological, and Behavioral Contributors to Stress Reactivity and Response in Emerging Adults	01/27/2017	37,238
Immunology			17 Proposals	\$14,882,912
Adler, Adam J.	DHHS/NIH/National Institutes of Health	Breaking Tolerance to Induce Tumor Specific Cytotoxic DC4 Th1 Cells	02/27/2017	1,993,750
Brocke, Stefan	National Multiple Sclerosis Society	Using signaling complex disruptors of Raf-1kinase for the treatment of inflammation	01/26/2017	675,000
Clark, Robert B	National Multiple Sclerosis Society	TLR Tolerance in Multiple Sclerosis (RG-1707-26530)	01/26/2017	673,800
Kailasan Vanaja, Sivapriya	American Heart Association	Enteric immune defense block by Shiga toxin Producing Escherichia coli	02/14/2017	231,000
Kailasan Vanaja, Sivapriya	DHHS/NIH/National Institutes of Health	Enteric Immune Responses to Pathogenic Escherichia coli	02/14/2017	431,032
Khanna, Kamal	DHHS/NIH/National Institutes of Health	Role of a novel subset of lung resident macrophages in regulating immune homeostasis during respiratory infection	01/31/2017	2,707,504
Matson, Adam	Hood (Charles H.) Foundation/Connecticut Children's Medical Center	Exploring the Existence and Significance of an Entero-Mammary Pathway	03/06/2017	65,232
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	Air pollution particles, deregulation of macrophage responses and infection	01/06/2017	438,625
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	Long Non-Coding RNAs and Systemic Lupus Erythematosus	01/13/2017	438,625
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	Mechanisms of Impaired Mycobacteria Sending by TLR4 Polymorphic Variants	01/24/2017	2,571,059
Medvedev, Andrei	Lupus Research Alliance	Role of IRAK4 in systemic lupus erythematosus	01/10/2017	600,000
Murphy, Michael	DHHS/NIH/National Institutes of Health	The Role of Long Non-Coding RNAs in TLR4 Tolerance and Sepsis	03/21/2017	124,068
Puddington, Lynn	Radiological Society of North America	Enhancing Immunotherapy with Combined Image Guided Cryotherapy and PD-1 Axis Inhibition in a Murine Colorectal Model	01/31/2017	3,000

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Rathinam, Vijay	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Cytosolic Immune Surveillance During Bacterial Infections	01/11/2017	395,242
Rathinam, Vijay	DHHS/NIH/National Institutes of Health	Characterization of noncanonical inflammasome-mediated release of alarmins	02/14/2017	431,032
Rathinam, Vijay	DHHS/NIH/National Institutes of Health	Crosstalk between inflammasomes and interferons in antibacterial host defense	02/14/2017	434,828
Vella, Anthony T.	DHHS/NIH/National Institutes of Health	Modulation of Biodefense Responses to Microbial Pathogens	02/23/2017	2,669,115
Medicine			26 Proposals	\$12,184,786
Bortniker, Ethan	Echosens	Hepatic steatosis assessment by transient elastography: Is it a colon cancer screening tool?	03/24/2017	0
Brammer, Anthony	DHHS/CDC/National Institute for Occupational Safety and Health	Improving communication in noise when wearing hearing protection	02/08/2017	434,638
Cavallari, Jennifer	DHHS/CDC/Centers for Disease Control and Prevention	An Integrated Approach to Hearing Preservation Among Construction Workers	03/24/2017	108,000
Cavallari, Jennifer	DHHS/CDC/Centers for Disease Control and Prevention/University of Connecticut	Occupational Health Psychology MOU	03/10/2017	7,000
Cherniack, Martin G	DHHS/CDC/National Institute for Occupational Safety and Health/University of Massachusetts, Lowell	CPH-NEW	02/16/2017	384,905
Chhabra, Arvind	DHHS/NIH/National Institutes of Health	Characterization of the inherent immunogenicity of human dendritic cell-derived induced pluripotent stem cell lines...	02/01/2017	1,993,750
Chhabra, Arvind	DHHS/NIH/National Institutes of Health	Generating AICD Resistant TCR Engineered Human Primary Anti-Tumor T Cells with Customized Effector Function...	02/14/2017	438,625
Chhabra, Arvind	DHHS/NIH/National Institutes of Health	To Generate Donor - Specific Immunogenic and Tolerogenic Antigen Presenting Cells from Human DC-Derived...	02/14/2017	438,625
Dieckhaus, Kevin D	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	Ryan White Part A Minority AIDS Initiative (MAI) (2 parts/funds Outpt Ambulatory and Tx Adherence)	03/23/2017	93,325
Dieckhaus, Kevin D	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Molecular mechanisms of strain diversity underlying Staphylococcus epidermidis commensal-virulence lifestyle	01/26/2017	109,772
Dugan, Alicia	DHHS/CDC/Centers for Disease Control and Prevention/Bassett Healthcare Network	Engaging Local Communities in Developing a Commercial Fishing TWH Initiative	01/30/2017	11,170
Dugan, Alicia	DHHS/NIH/National Institutes of Health/University of Connecticut	Primary Care Integrated, Virtual Team Pharmacist E-consults for Complex Care Management Patients with ...	01/19/2017	79,982
Hurley, Marja	DHHS/NIH/National Institutes of Health	FGF2 Isoforms in Bone and Phosphate Homeostasis	03/02/2017	1,993,750
Hurley, Marja	DHHS/NIH/National Institutes of Health	Post Baccalaureate Research Education Program at UConn Health (PREP at UConn Health)	01/23/2017	1,830,294
Ivanaviciene, Jurate	CT Department of Public Health	Tuberculosis ("TB") Prevention and Control in CT State Correctional Facilities	03/20/2017	140,000
Ivanaviciene, Jurate	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Subcontract for services pursuant to the provision of the CMHC HIV prevention program in CDOC	03/20/2017	1,028,546
Kim, Insoo	DHHS/NIH/National Institutes of Health/University of Connecticut	Biodegradable intracranial pressure sensor based solely on medical biomaterials	02/10/2017	67,190
Malchoff, Carl	Rosetta Genomics	A multi-center retrospective study for developing and validating a second version of RosettaGX Reveal, a molecular test for the classification of indeterminate thyroid FNA samples.	01/05/2017	9,139
Mortensen, Eric M	DHHS/NIH/National Institutes of Health	Impact of cardiovascular events on outcomes after pneumonia	02/22/2017	244,022

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Mortensen, Eric M	DHHS/NIH/National Institutes of Health/University of Texas Southwestern Medical Center at Dallas	Statins for primary prevention in individuals with high level of physical fitness	01/30/2017	25,429
Mortensen, Eric M	VERANNE/Veterans Education and Research Association of Northern New England	Azithromycin Cardiac Safety Study	03/30/2017	26,250
Radolf, Justin D	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Characterization of Treponema pallidum rare outer membrane proteins	02/07/2017	477,374
Wolf, Megan R	American Orthopaedic Foot and Ankle Society	The biomechanical effects of ankle instability with ankle bracing on 3-dimensional kinematics: A cadaveric study	01/05/2017	5,000
Wolf, Megan R	Orthopaedic Research and Education Foundation	3D Kinematics of Ankle Bracing on Ankle Stability	01/05/2017	5,000
Xiao, Liping	DHHS/NIH/National Institutes of Health	Microbiome and Sickle Cell Bone Disease	01/30/2017	1,993,750
Xiao, Liping	DHHS/NIH/National Institutes of Health	Sickle Cell Trait and Bone Fracture	02/21/2017	239,250
Molecular Biology & Biophysics			10 Proposals	\$12,126,191
Hao, Bing	DHHS/NIH/National Institutes of Health	Identification of small-molecule inhibitors of Fbw7-mediated DISC1 protein degradation	03/10/2017	438,625
Hao, Bing	DHHS/NIH/National Institutes of Health/New York University	Stabilizing nuclear p27kip1 as a therapeutic target for endometrial cancer	03/24/2017	60,594
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health	Center for Biomolecular NMR Data Processing and Analysis	03/28/2017	1,130,894
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health	Development and Application of Non-Fourier Method for Biomolecular NMR	02/28/2017	1,993,750
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health/University of Wisconsin, Madison	Toolset for NMR Investigations of Disordered Proteins	02/16/2017	915,052
Hoch, Jeffrey C	NSF/National Science Foundation	MRI: Acquisition of a 900 MHz NMR Spectrometer for South/Central New England	01/06/2017	3,739,205
King, Stephen M	DHHS/NIH/National Institutes of Health	Peptide Amidation in Ciliogenesis	01/23/2017	2,901,193
Schuyler, Adam D	DHHS/NIH/National Institutes of Health	Framework for efficient nonuniformly sampled NMR experiments with enhanced sensitivity, resolution and reproducibility.	02/10/2017	438,625
Setlow, Peter	DOD/Army/Department of the Army	Metabolic Activities in Dormant Spores of Bacillus Species	03/13/2017	75,000
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Oxidation is trigger for PML multimerization and Nuclear Body formation in HSV infected cells	02/10/2017	433,253
NEAG Cancer Center (SOM)			3 Proposals	\$780,198
Andemariam, Biree	DHHS/NIH/National Institutes of Health/Yale University	A Feasibility study of dronabinol for pain and inflammation of sickle cell disease	02/01/2017	100,000
Andemariam, Biree	DHHS/NIH/National Institutes of Health/Yale University	Motivational Interviewing to improve Adherence to Hydroxyurea in Sickle Cell	02/22/2017	277,551
Harrison, Jonathan	DHHS/NIH/National Institutes of Health	A Patient-Derived Xenograft Model of novel augmentation of AML therapy by Vitamin D	02/15/2017	402,647
Neuroscience			17 Proposals	\$10,974,440
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health/University of Connecticut	Targeting ASIC3 to disrupt nociceptor sensitization following spinal cord injury	02/10/2017	252,186
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health/University of Connecticut	The Functional Consequences of SCI on Cutaneous Nociceptors	03/30/2017	40,372
Bernstein, Leslie	DOD/Navy/Office of Naval Research	Behavioral Measures of the Precision of Coding on Interaural Temporal Disparities in Human Listeners	02/15/2017	218,000
Chen, Bojun	DHHS/NIH/National Institutes of Health	Novel proteins regulating function and expression of SLO-2 potassium channels	01/18/2017	307,038

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Crocker, Stephen J.	National Multiple Sclerosis Society	Cellular Senescence in Neural Progenitor Cells Limits CNS Remyelination	02/01/2017	641,714
Mains, Richard	Simons Foundation	Modeling autism related pathology in Trio haploinsufficient mice	03/02/2017	150,000
Mohan, Royce	DHHS/NIH/National Institutes of Health	PAD4 in Retinal Gilliosis	02/08/2017	438,625
Oliver, Douglas L	DHHS/NIH/National Institutes of Health	Circuitry and neurons of the inferior colliculus in normal and developmentally altered mice	01/23/2017	3,039,282
Oliver, Douglas L	DOD/Army/Army Medical Research Acquisition Activity	Development of objective electrophysiological tests for tinnitus based on long-lasting after-discharges in the interior colliculus	03/16/2017	2,767,723
Selvam, Rajamani	National Alliance for Autism Research	Altered synaptic physiology in a human stem cell model of up 15q syndrome	03/01/2017	64,000
Trakhtenberg, Feliks	American Heart Association	Cellular reprogramming to regenerate axons damaged in ischemic optic neuropathy	02/08/2017	231,000
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Transcriptional and epigenetic regulation of retinal ganglion cell development	02/07/2017	438,625
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Transcriptional regulators of the developmental loss of retinal ganglion cell's intrinsic axon growth and regeneration capacity	03/07/2017	438,625
Verma, Rajkumar	American Heart Association	Therapeutic potential of purinergic P2X4 receptors in stroke	01/12/2017	231,000
Vishwanatha, Kuruthihalli S	DHHS/NIH/National Institutes of Health	PAM as a regulatory accessory protein for V-ATPase	01/18/2017	1,250,000
Wang, ZhaoWen	DHHS/NIH/National Institutes of Health	Synaptic function of BK Channel-interacting proteins	03/02/2017	398,750
Zecevic, Nada	DHHS/NIH/National Institutes of Health/Yale University	Origin of Cortical Species - Specific Distinctions	01/04/2017	67,500
Obstetrics and Gynecology			3 Proposals	\$9,000
Luo, Guo Yang	General Electric Healthcare	Maternal Fetal Medicine Reunion	02/15/2017	3,000
Luo, Guo Yang	Natera	Maternal Fetal Medicine Reunion	02/17/2017	3,000
Luo, Guo Yang	Samsung	Maternal Fetal Medicine Reunion	02/15/2017	3,000
Orthopaedic Surgery			14 Proposals	\$6,801,902
Canalis, Ernesto	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Role of Notch Signaling in Osteocytes	02/23/2017	338,938
Canalis, Ernesto	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Mechanisms of Notch Action in Bone	02/23/2017	354,888
Khan, Yusuf M	DOD/Department of Defense/University of Connecticut	Functionalized allograft for large scale bone defect healing	01/13/2017	97,956
Kumbar, Sangamesh G.	DHHS/NIH/National Institutes of Health	Creating Biodegradable Conducting Polymeric Implants	03/07/2017	439,361
Laurencin, Cato	Connecticut Institute for Clinical and Translational Science (CICATS)	Mentor/M1 Awardees	03/13/2017	150,000
Laurencin, Cato	Connecticut Institute for Clinical and Translational Science (CICATS)	Mimetogenesis Project. Parent Log # 20160704	01/06/2017	62,000
Laurencin, Cato	University of Connecticut Health Center	Biomaterials and Bioactive Factors for Shoulder Regenerative Engineering	02/16/2017	100,000
Lo, Wai Hong	Arthritis National Research Foundation	Development of Targeted Nanoscale Drug Delivery System for Osteoarthritic Cartilage Tissue	01/10/2017	100,000
Lo, Wai Hong	Connecticut Institute for Clinical and Translational Science (CICATS)	Inductive Small Molecule Regeneration	03/13/2017	40,000
Lo, Wai Hong	DHHS/NIH/National Institutes of Health	Development of Osteotropic Drug Delivery Nanoparticles: An Oral Delivery Strategy for Metabolic Bone Disease	02/07/2017	438,625

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Lo, Wai Hong	DHHS/NIH/National Institutes of Health	One-step surgical procedure for the treatment of bone defects with short-term treatment of osteogenic small molecule	01/25/2017	1,965,543
Nair, Lakshmi S.	OrthoMedeX	Seeding cementless orthopedic implants and cancellous bone allografts and bioactive glass particles for enhanced implant fixation and antimicrobial implant prophylaxis	01/06/2017	150,299
Nukavarapu, Syam	NSF/National Science Foundation/University of Connecticut	Learning and Big Data Techniques to Accelerate the Discovery of Biomaterials	02/24/2017	242,072
Sanjay, Archana	DHHS/NIH/National Institutes of Health	Role of PI3K in Fracture Healing	01/13/2017	2,322,220
Pediatrics			4 Proposals	\$1,400,504
Lee, Youngmok	Dimension Therapeutics	Comparison of vectors and optimization of dosages for renal vein injection method in GSD-Ia mice	02/22/2017	695,366
Pappagallo, Mariann	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Barriers to Engagement and Retention in Opioid Agonist Therapy for Postpartum Women	03/07/2017	71,515
Salazar, Juan C.	DHHS/HRSA/Health Resources and Services Administration/Connecticut Children's Specialty Group	Ryan White A	02/02/2017	21,810
Salazar, Juan C.	DHHS/HRSA/Health Resources and Services Administration/Connecticut Children's Specialty Group	Ryan White Part D	02/07/2017	611,813
Psychiatry			16 Proposals	\$18,845,549
Briggs-Gowan, Margaret	DHHS/NIH/National Institute of Mental Health	Violence exposure, threat-reactivity, and fear and distress pathways from early childhood to adolescence: a prospective...	02/28/2017	3,943,895
Bruder, Mary	DHHS/NIH/National Institutes of Health	Consumer Driven Healthcare Transition: From Pediatrics to Adult Care	02/07/2017	592,748
Bruder, Mary	DHHS/NIH/National Institutes of Health/Orelena Hawks Puckett Institute	Field Initiated Projects Program (Development)	02/01/2017	225,000
Bruder, Mary	ED/Department of Education	Interdisciplinary Sequence in Early Childhood Intervention for Master's Degree Students in Speech, Language & Hearing and in Special Education	03/06/2017	1,250,000
Covault, Jonathan M	DHHS/NIH/National Institutes of Health/Yale University	Treatment for AUD and PTSD: A trial of Cognitive Processing Therapy and Zonisamide	01/26/2017	1,957,844
Covault, Jonathan M	DHHS/NIH/National Institutes of Health/Yale University	Zonisamide treatment of alcohol use disorder: an evaluation of efficacy and mechanism of action	03/27/2017	290,521
Ford, Julian D	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	The Center for Trauma Recovery and Juvenile Justice	03/01/2017	600,000
Ford, Julian D	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	The Center for the Treatment of Developmental Trauma Disorders	02/28/2017	600,000
Gelbar, Nicholas	DHHS/HRSA/Health Resources and Services Administration/Hospital for Special Care	Autism Transitions Research Project (ATRP)	02/01/2017	178,984
Ginsburg, Golda S	DHHS/NIH/National Institutes of Health	Enhancing the Capacity of Pediatric Primary Care Providers: A Pilot Trial of the Anxiety Action Plan	02/10/2017	731,569
Grasso, Damion	Brain and Behavior Research Foundation	A whole-Genome Approach for Identifying Evidence of Intergenerational Transmission of Trauma-Related Epigenetic...	02/24/2017	70,000
Grasso, Damion	Connecticut Children's Medical Center	Supporting Injury Prevention Center Research	02/21/2017	25,806
Kaminer, Yifrah	DHHS/NIH/National Institutes of Health	Optimizing a Coordinated Adolescent, Family and M-Health Intervention for Cannabis Use Disorders	01/20/2017	3,980,664

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Manning, Kevin J	Dana (Charles A.) Foundation	Peripheral Inflammation Mediates the Association between Neuroticism and Neurodegeneration in Geriatric Major Depression	01/27/2017	200,000
Wang, Lihong	DHHS/NIH/National Institutes of Health	Neural Compensation as Cognitive Reserve: Influence on Cognitive Decline in Older Adults	01/24/2017	3,945,919
Wang, Lihong	DHHS/NIH/National Institutes of Health/Rush University Medical Center	Cognitive Decline, Decision Making and Financial Exploitation of Chinese Older Adults	01/18/2017	252,599
Surgery			5 Proposals	\$690,975
Campbell, Jacob	American Medical Association	Engineered Resveratrol Loaded Nanofiber Scaffolds for Cardiac Repair and Regeneration	01/05/2017	2,500
Choudhary, Dharamainder	DHHS/NIH/National Institute of Environmental Health Sciences/University of Connecticut	Electrocatalytic Studies of Toxic Pollutant Activation	03/17/2017	47,566
Maulik, Nilanjana	DHHS/NIH/National Institutes of Health	Angiogenic Regulators in Ischemic Disorders	02/15/2017	399,913
Parham, Kourosh	Sensorion	Changes in Circulatory Biomarker, Prestin, After Noise-Induced Hearing Loss	02/15/2017	9,996
Thirunavukkarasu, Mahesh	American Heart Association	Role of Prolylhydroxylases in the Diabetic Myocardium	02/08/2017	231,000
Traumatology and Emergency Medicine			1 Proposals	\$24,150
McKay, Charles	Denver Health and Hospital Authority	CT Poison Control RADARS Surveillance System	01/19/2017	24,150
UConn Center on Aging			8 Proposals	\$9,305,308
Barry, Lisa	DHHS/NIH/National Institutes of Health	Aging Inmates Suicidal Ideation and Depression (Aging INSIDE) Study	02/14/2017	398,750
Fortinsky, Richard	DHHS/NIH/National Institutes of Health	Translation of COPE for Publicly-funded Home Care Clients and their Families	02/07/2017	527,579
Haynes, Laura	DHHS/NIH/National Institutes of Health	Impact of Aging and Influenza Respiratory Tract Infection on Muscle Health	03/24/2017	3,699,749
Kuchel, George A	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Combination Adjuvants to Activate Human Dendritic Cell Subsets and B Cells	01/17/2017	22,657
Kuchel, George A	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Combination Adjuvants to Activate Human Dendritic Cell Subsets and B Cells	02/24/2017	145,001
Kuchel, George A	DHHS/NIH/National Institutes of Health/Washington University	Combining Testosterone Therapy and Exercise to Improve Function Post Hip Fracture	01/11/2017	2,134,025
Kuchel, George A	University of Connecticut Health Center	Microbiome Plasticity and Pathogenicity in Older Adults: Baselines & Transitions from Skilled Nursing Care	01/12/2017	66,823
Lee, Sun-Kyeong	DHHS/NIH/National Institutes of Health	Role of CD97 in Bone	02/23/2017	2,310,724
Other UConn Health			6 Proposals	\$544,873
Other UConn Health			6 Proposals	\$544,873
Blake, Danielle	New England Otolaryngological Society	White Matter Hyperdensities as a Predictor of Central Presbycusis	02/23/2017	5,000
Fink, Christine	DHHS/NIH/National Institutes of Health	Uncovering the Mechanism of Esophageal Regeneration And Understanding The Role of The TGF Pathway	02/14/2017	447,979
Morosky, Christopher M.	Society of Family Planning	Vasectomy: Perspectives on Urological Counseling and Procedural Training for Ob/Gyn Residents	03/06/2017	6,415
Roberts, Daniel	American Neurology Society	The Genomic Landscape of Neurofibromatosis Type II	01/18/2017	25,000
Urciuoli, Wendy	DHHS/NIH/National Library of Medicine (NLM)/University of Massachusetts Medical School	Using tablet computers to teach newly-diagnosed diabetes patients about medication administration & diab. self-care	01/13/2017	6,791

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Xu, Maria	American Heart Association	Endothelial and immune cell crosstalk: mediating atherosclerosis through IL-36 guided T cell activation	02/06/2017	53,688
<i>University of Connecticut Health</i>			204 Proposals	\$142,996,638
Grand Total			590 Proposals	\$344,906,284