



Quarterly List of  
Sponsored Program Services  
**Proposals**

Third Quarter FY2016

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**Office of the Vice President for Research**

## Quarterly List of Sponsored Program Services Proposals

This report provides a detailed listing of the **proposals** 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	Process Date	Total Requested Amount
<b>College of Agriculture, Health and Natural Resources</b>			<b>70 Proposals</b>	<b>\$22,334,245</b>
<b>Agricultural and Resource Economics</b>			<b>8 Proposals</b>	<b>\$2,034,604</b>
Andreyeva, Tatiana	USDA/Economic Research Service/University of Kentucky	ACA Expansion of Medicaid Coverage and Food Insecurity	02/29/2016	72,897
Pomeroy, Robert S	Rare	Harnessing Markets to Secure a Future for Near-Shore Fishers	01/14/2016	115,414
Swallow, Stephen K	Environmental Protection Agency	The Capacity to Value Nutrient Control in Southeastern Coastal New England: Illuminating Policy Benefits and Creating Revenue for Watershed Restoration	01/20/2016	924,539
Bravo-Ureta, Boris E	Michigan State University	BHEARD Sponsored Ph.D. Degree Training in Agricultural and Resource Economics	02/18/2016	491,627
Andreyeva, Tatiana	PHS/National Institutes of Health/New York University	Supplemental Nutrition Assistance Program Policy Evaluation Pre- and Post-USDA Regulation (SPEAR)	03/18/2016	150,093
Rabinowitz, Adam N	USDA/National Institute of Food and Agriculture	Empowering Student Discourse in Food and Environmental Policy through Community Engagement and Immersive Professional Development for Secondary Education Teachers	03/14/2016	149,998
Liu, Yizao	University of Kentucky	The Milk Purchase Decision by SNAP and WIC Participants: a Store Location and Price Consideration	03/29/2016	49,914
Andreyeva, Tatiana	USDA/Foreign Agricultural Service	University of Connecticut's Faculty Exchange Program in Agricultural Economics	03/28/2016	80,122
<b>Agriculture and Natural Resources Dean</b>			<b>1 Proposals</b>	<b>\$220,278</b>
O'Neill, Michael P	USDA/National Institute of Food and Agriculture	Institute for Emerging Leaders in Food Systems of the Northeast	03/22/2016	220,278
<b>Allied Health Sciences</b>			<b>5 Proposals</b>	<b>\$5,860,752</b>
Lai, Laijun	PHS/National Institutes of Health	Modeling and Preventing Graft-Versus-Host Disease by ESC-Derived Thymic Epithelial Cells	01/20/2016	1,948,900
Leahey, Tricia M	PHS/National Institutes of Health/Rhode Island Hospital	Social Game and Financial Incentives for Smoking Cessation and Weight Maintenance	01/06/2016	327,908
Lai, Laijun	PHS/National Institutes of Health	Modeling and Correcting Immunodeficiency in DiGeorge Syndrome by ESC- and iPSC-Derived Thymic Epithelial Cells	01/20/2016	1,948,900
Huedo-Medina, Tania B	PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Quantitative Models and Methods to Understand and Prevent Celiac Disease	03/03/2016	903,963
Copenhagen, Michael M	PHS/NIH/National Institute on Drug Abuse	HIV Prevention and Adherence Among Priority Drug Using Populations	03/21/2016	731,081
<b>Animal Science</b>			<b>8 Proposals</b>	<b>\$2,027,839</b>
Venkitanarayanan, Kumar S	BASF Bioresearch Corporation	Controlling Salmonella Enteritidis Colonization in Broiler Chickens by In-Feed Supplementation of Amasil NA	03/17/2016	0
Reed, Sarah A	USDA/National Institute of Food and Agriculture	Training the Next Generation of Scientists: Connecticut's Animal Science Summer Undergraduate Research and Extension Experience (ASSURE)	03/15/2016	299,088
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	Practical and Environment Friendly Strategies for Improving Food Safety and Shelf-Life of Organic Poultry Products	03/04/2016	1,429,515
Amalaradjou, Mary Anne R	Foundation for Food and Agriculture Research	Understanding Nutrition Through Biomics	03/03/2016	179,826
Amalaradjou, Mary Anne R	Center for Produce Safety	Listeria Monocytogenes Growth and Survival on Peaches and Nectarines as Influenced by Stone Fruit Packinghouse Operations, Storage and Transportation Conditions	03/02/2016	94,910
D'Amico, Dennis	North Carolina Agricultural Foundation/North Carolina State University	Development and Evaluation of Listeria Monitoring and Controls Virtual Reality Simulator for Small Dairy Processors	02/18/2016	500

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D'Amico, Dennis	American Cheese Society	U.S. Artisan and Specialty Cheese Industry Census	01/18/2016	24,000
Govoni, Kristen E	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: The Mechanisms by Which Poor Maternal Nutrition During Gestation Alter Offspring Growth and Maintenance	01/11/2016	
<b>Extension</b>			<b>5 Proposals</b>	<b>\$1,440,246</b>
Cutz, German R	CT Department of Agriculture	Collaborative Farming: Engaging Beginning Hispanic Farmers in Specialty Crops Production to Supply Hispanic Markets in Connecticut	03/30/2016	73,411
Arnold Jr, Chester L	USDA/National Institute of Food and Agriculture	Water and Sustainability: Educative Curriculum using Online Mapping Tools to Support Teacher and Student Learning	03/14/2016	149,988
Cutz, German R	USDA/National Institute of Food and Agriculture	UConn Park City 4-H Healthy Lifestyles: A Community-Family Partnership to Enhance Wellness in Urban Schools	03/14/2016	640,000
Wilson, Emily H	CT Office of Policy and Management/Capitol Region Council of Governments	Serving and Distributing 2016 Aerial Imagery and Lidar	03/01/2016	32,819
Martin, Jennifer L	USDA/National Institute of Food and Agriculture	Advancing the Business of Farming in Connecticut in Partnership with Agriculture Learning Centers	01/19/2016	544,028
<b>Kinesiology</b>			<b>17 Proposals</b>	<b>\$3,647,980</b>
Mazerolle, Stephanie M	National Athletic Trainers Association	Faculty Perspectives on Doctoral Mentoring and the Development of the Athletic Training Faculty Member	01/20/2016	10,000
Casa, Douglas J	VT Department of Public Safety	Implementation of Safety Policies for Public Safety Employees	01/15/2016	5,580
Mazerolle, Stephanie M	Spencer Foundation	Organizational Socialization of Health Science Pre-Tenured Faculty Member	01/14/2016	49,968
Lee, Elaine C	American Heart Association	Integrative Genomic and Physiological Investigation of Hydration and Health	01/08/2016	231,000
Taylor, Beth	American Heart Association	Near Infrared Spectroscopy (NIRS) to Diagnose Statin-Associated Muscle Symptoms	01/08/2016	160,990
Pescatello, Linda S	American College of Sports Medicine	The Influence of Cardiorespiratory Fitness on Firefighter Cardiovascular Health Under Conditions of Heavy Physical Exertion (FIT and FIRED UP)	01/07/2016	5,000
Casa, Douglas J	National Athletic Trainers Association	Assisting the National Athletic Trainers' Association: A Comprehensive Approach to Promoting Athletic Training Services	03/25/2016	149,985
Root, Hayley	Eastern Athletic Trainers' Association	The Effect of a Tailored Pre-Season Workshop on Preventive Training Program Compliance and Maintenance	03/09/2016	9,856
Lepley, Adam S	Eastern Athletic Trainers' Association	Understanding the Origins of Muscle Weakness Following ACL Injury: A Comprehensive Neural and Morphological Approach	03/07/2016	10,000
Casa, Douglas J	Nix	Validation of Non-invasive Biomarker for Sweat Osmolality	03/01/2016	52,552
Pescatello, Linda S	PHS/National Institutes of Health	Acute Exercise Responses Signal the Metabolic Fitness Adaptions to Exercise Training	02/29/2016	171,947
Casa, Douglas J	Hot Button Gear	Validation of a Mouth Guard System to Detect Exertional Heat Stress	02/17/2016	24,905
Root, Hayley	National Athletic Trainers Association	The Effect of a Tailored Pre-Season Workshop on Preventative Training Program Compliance and Maintenance	02/10/2016	2,399
Lepley, Lindsey K	National Athletic Trainers Association	Eccentric Exercise to Promote Immediate Beneficial Adaptions in Muscle	02/10/2016	22,998
Lepley, Lindsey K	General Electric Company	Elucidating the Etiology of Patellar Tendonitis	02/02/2016	299,196
Distefano, Lindsay	PHS/NIH/National Institute of Child Health and Human Development	Local Implementation of Comprehensive Best Practices for Safety in High School Sport Using a Response-Generated Web-Based Platform	02/01/2016	2,223,385
Casa, Douglas J	Whoop	UConn Division 1 Men and Women's Athlete WHOOP Recovery and Sleep	01/27/2016	218,219

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
<b>Natural Resources and the Environment</b>			<b>9 Proposals</b>	<b>\$2,263,042</b>
Warner, Glenn S	DOI/United States Geological Survey	Using Nationally Distributed Native Herbivores to Predict and Mitigate Eurasian Watermilfoil Invasion Success in the Northeastern and Southeastern United States	03/17/2016	118,853
Helton, Ashley M	DOI/United States Geological Survey	Legacy Nitrogen and Groundwater Lags: The Effects of Historic Nitrogen Application on Contemporary and Future Surface Water Nitrogen Dynamics	02/19/2016	390,434
Morzillo, Anita	DHHS/CDC/Centers for Disease Control and Prevention/CT Agricultural Experiment Station	Spatially Scalable Integrated Tick Vector/Rodent Reservoir Management to Reduce Human Risk of Exposure to Ixodes Scapularis Ticks Infected with Lyme Disease Spirochetes	01/25/2016	181,694
McKinney, Melissa A	Indigenous and Northern Affairs Canada/University of Windsor	Spatial Variation in Canadian Arctic Prey Fish Communities and Contaminant Levels: Assessment of Candidate POPs, Selenium and Fatty Acids	01/22/2016	9,027
Lawrence, Beth A	Environmental Protection Agency/Loyola University Chicago	Maintaining High Quality Wetlands in North Michigan	01/19/2016	11,451
Fahey, Robert T	NSF/BIO/Directorate for Biological Sciences	Disentangling the Effects of Physical Canopy Structure and Community Composition on Forest Productivity	01/18/2016	
Volin, John	Eversource	Stormwise: Vegetation Management and Modeling for Storm Resistant Trees, Resilient Power and Sustainable Futures	01/29/2016	1,213,521
Volin, John	Eversource	Evaluation of Airborne & Mobile LIDAR Technologies for Monitoring Roadside Vegetation and Utility Infrastructure	01/29/2016	338,062
Warner, Glenn S	DOI/United States Geological Survey	FY2016 Annual Application 104B Water Resources	01/11/2016	0
<b>Nutritional Sciences</b>			<b>3 Proposals</b>	<b>\$174,969</b>
Fernandez, Maria-Luz	American Egg Board	Optimal Egg Intake in a Healthy Population	02/29/2016	19,969
Lee, Ji-Young	USDA/National Institute of Food and Agriculture	A Novel Role of Spirulina in the Regulation of Macrophage Phenotype for the Prevention of NASH	02/29/2016	152,000
Luo, Yangchao	Veteraid	Flavoring of Enhanced Water Formulations for Military Personnel and Athletes: Phase I Project	02/10/2016	3,000
<b>Pathobiology</b>			<b>8 Proposals</b>	<b>\$3,240,003</b>
Levin, Milton J	Marine Mammal Commission	Measuring Serum Cytokines to Assess the Health of Grey Seals with and without Influenza Infection	03/28/2016	18,210
Geary, Steven J	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Population-Level Phase Variable Surface Protein Gene Expression Modeling of Mycoplasma Gallisepticum in Response to Ecological Pressures In-Vivo	01/11/2016	
Szczepanek, Steven	USDA/Agricultural Research Service	Development of Strategies to Enhance the Immune Response to Foot-and-Mouth Disease Virus	01/12/2016	125,184
Szczepanek, Steven	PHS/National Institutes of Health	B-Cell Dysfunction Impairs Pneumococcal Vaccine Efficacy in Sickle Cell Disease	01/13/2016	1,975,000
Verardi, Paulo H	PHS/National Institutes of Health	Rapid Development and Testing of Zika Virus Vaccine Candidates	02/15/2016	409,805
Verardi, Paulo H	PHS/National Institutes of Health	Rapid Development of Replication-Controlled Vaccinia Virus Vectors for Vaccines and Therapeutics with Single or Double Safety Features	02/15/2016	409,805
Vankruiningen, Herbert J	Pfizer	Early and Late Changes in an Infectious Lymphangitis of Pigs: A Model of Crohn's Disease	03/16/2016	150,000
Geary, Steven J	USDA/National Institute of Food and Agriculture	Using Synthetic Genomics to Understand the Role of Mycoplasma Gallisepticum Phase-Variable Lipoprotein	02/29/2016	151,999

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
<b>Plant Science and Landscape Architecture</b>			<b>6 Proposals</b>	<b>\$1,424,532</b>
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service	Biological Control of Lily Leaf Beetle (Lilioceris Lili) in Connecticut	03/16/2016	15,320
Raudales Banegas, Rosa E	USDA/National Institute of Food and Agriculture	Learning by Doing: Research and Extension	03/18/2016	240,381
Guillard, Karl	New England Regional Turfgrass Foundation	Soil Carbon Sequestration Potential of Turfgrass	03/24/2016	10,000
Brand, Mark H	USDA/National Institute of Food and Agriculture/University of Maryland at College Park	Applied Research and Outreach for Capacity Building, Focused on the Antioxidant-Rich Alternative Crop Aronia and its Industries	02/25/2016	883,394
Ellis, Donna R	USDA/National Institute of Food and Agriculture/University of Maryland at College Park	An Undergraduate Integrated Pest Management (IPM) Training Program for the Northeast	02/26/2016	32,910
McAvoy, Richard J	USDA/Department of Agriculture/University of Vermont	Coordinator, Professional Development Program, Northeast SARE	02/22/2016	242,527
<b>College of Liberal Arts and Sciences</b>			<b>138 Proposals</b>	<b>\$71,203,804</b>
<b>Anthropology</b>			<b>3 Proposals</b>	<b>\$72,396</b>
Adler, Daniel S	National Geographic Society	Technological Continuity and Change During the Late Middle Pleistocene in Armenia	02/29/2016	24,270
Willen, Sarah	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Doctoral Dissertation Research: Choosing Disability in the Context of Kinship and Reproduction in the United States	01/08/2016	16,526
Adler, Daniel S	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Doctoral Dissertation Research: Technological Structure and Variability in the East African Middle Stone Age	02/24/2016	31,600
<b>Chemistry</b>			<b>16 Proposals</b>	<b>\$9,343,759</b>
Suib, Steven L	DOE/Department of Energy/Proton OnSite	Single Step Manufacturing of Low Catalyst Loading Electrolyzer MEAs	03/31/2016	60,000
Suib, Steven L	CT Department of Energy and Environmental Protection/Fraunhofer	Phase III - Scale-Up of Battery Materials - Fh-State	01/26/2016	50,000
Kasi, Rajeswari	NSF/National Science Foundation/Yale University	PFI: AIR-TT: Large Area Fabrication of Next Generation Nanofiltration Membranes with Aligned and Stimuli Responsive Nanopores	03/22/2016	50,000
He, Jie	American Chemical Society/Petroleum Research Fund	Polymer-Tethered Nanomers: Controllable Synthesis and Programmable Self-Assembly	03/07/2016	110,000
Dixit, Chandra K	Prostate Cancer Foundation	Live Single Cell Glycan Biomarker Studies for Prostate Cancer Diagnosis	03/07/2016	225,000
Rusling, James F	PHS/National Institutes of Health	High Affinity Protein-Binding Nanoparticles for Cancer Biomarker Detection and Antibody Purification	02/29/2016	601,404
Peczuh, Mark W	PHS/National Institutes of Health	Epitope Resolved Detection of IgEs in Serum for Diagnosis of Peanut Allergy	02/23/2016	2,516,760
Yao, Xudong	PHS/Department of Health and Human Services	Ultrathroughput Mass Spectrometry for Large-Scale Validation of Cancer Biomarkers	02/23/2016	1,406,702
Pinkhassik, Evgueni	PHS/National Institutes of Health	Catch and Release of siRNA with Porous Nanocapsules	02/15/2016	448,031
Dixit, Chandra K	PHS/National Institutes of Health	Live Single Cell Glycan Biomarker Studies for Prostate Cancer Diagnosis	02/10/2016	987,735
Hren, Michael T	NSF/GEO/Directorate for Geosciences	Drivers of Selective Mass Extinction: Insights from Integrated Paleontological and Geochemical Records	02/03/2016	363,105
Brueckner, Christian	NSF/National Science Foundation	Creating a Stronger STEM Pathway in Connecticut	01/11/2016	1,486,826
Kasi, Rajeswari	NSF/MPS/Directorate for Mathematics and Physical Sciences	DMREF: Collaborative Research: Exploiting Conformationally Driven Interactions to Engineer Block Copolymer Self-Assembly	01/06/2016	389,209
Hren, Michael T	NSF/GEO/Directorate for Geosciences	Collaborative Research: Testing Models of Mountain-Building in a Model Orogen: Reconstructing the Paleoelevation and Paleooerosion History of Taiwan	01/06/2016	598,987

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Suib, Steven L	CT Department of Energy and Environmental Protection/Fraunhofer	Phase III - Adsorption of Sulfur and Nitrogen Impurities - Fh-State	01/26/2016	50,000
Angeles-Boza, Alfredo M	NASA/National Aeronautics and Space Administration	Site-Specific Isotopic Analyses Through Decarboxylation of Meteoritic Amino Acids	03/28/2016	
<b>Ecology and Evolutionary Biology</b>			<b>17 Proposals</b>	<b>\$2,765,290</b>
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	03/15/2016	323,805
Silander, John A	NASA/National Aeronautics and Space Administration	Detecting Dimensions of Biodiversity in a Mega-Diverse Region of Southern Africa: From Traits to Communities to Ecosystems	03/14/2016	57,000
Tingley, Morgan W	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Collaborative Research: Comparative Approaches to Understanding Past, Present, and Future Interacting Plant and Bird Communities of the Southern Appalachians	01/05/2016	
Schultz, Eric T	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Collaborative Research: Discerning the Effects of Relaxed and Positive Selection on Physiological Responses	01/05/2016	
Henry, Charles S	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Identification of Genetic Loci Responsible for Premating Isolation by Singing Behavior in Green Lacewings	01/06/2016	
Liu, Yang	NSF/National Science Foundation	Preliminary Proposal: Evolution of Nuclear Control on Plant Mitochondrial Genome Structure Stability	01/11/2016	
Ruskin, Katharine J	Nantucket Biodiversity Initiative	Estimating Tidal Marsh Bird Abundance on Nantucket	03/14/2016	2,138
Elphick, Christopher	DOI/U.S. Fish & Wildlife Service	Saltmarsh Sparrows: Conserving a Surrogate Species at the Landscape Level; Connecting the Dots Between Breeding, Migration and Wintering in Regions 4&5	03/07/2016	7,860
Silander, John A	DOD/Department of Defense	Climate Change Impacts on Forest Landscape Phenology in Eastern US DoD Lands	03/03/2016	2,167,139
Tingley, Morgan W	DOD/Department of Defense/University of California at Davis	Phenological Responses of Breeding Birds to Changes in Climate and Land Cover in the Great Basin	02/23/2016	92,403
Schultz, Eric T	DOC/NOAA/Oceanic and Atmospheric Research	NMFS/Sea Grant Marine Resource Economics Graduate Fellowship Jacob Kasper: Maternal Effects: Analysis of Their Prevalence, Management Implications, and Test of Effects in Black Sea Bass	01/26/2016	114,945
Wegrzyn, Jill L	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Applying Associative Transcriptomics and Metagenomics to Evaluate Adaptation to Acid Rain in Hardwood and Conifer Species	01/22/2016	
Diggle, Pamela K	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: SG: Does Variation in Development Explain Variation in Phenological Responses to Temperature?	01/19/2016	
Les, Donald H	NSF/CISE/Directorate for Computer and Information Sciences and Engineering/NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Collaborative Research: Elucidating the Genetic Basis of Species Differences in Trillium (Melanthiaceae) Using a Novel Epigenetic/Endophytic System	01/19/2016	
Simon, Christine M	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Developmental Plasticity, Environmental Triggers and Diversification in Natural Populations	01/14/2016	
Rubega, Margaret A	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: The Biomechanics of Feeding vs. Fighting: Trade Offs in Hummingbird Bill Morphology	01/12/2016	
Jockusch, Elizabeth L	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Testing Hypotheses for the Developmental Basis of a Morphological Novelty in Treehoppers	01/12/2016	
<b>Economics</b>			<b>1 Proposals</b>	<b>\$73,959</b>
Couch, Kenneth A	PHS/DHHS/Social Security Administration	Longevity Options for Reforming Social Security: A Micro-Simulation Approach	03/11/2016	73,959

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<b>English</b>			<b>4 Proposals</b>	<b>\$269,771</b>
Courtmanche, Jason C	Gates (Bill and Melinda) Foundation/National Writing Project Corporation	Building New Pathways to Leadership	02/11/2016	10,000
Schlund-Vials, Cathy	NEH/National Endowment for the Humanities	The State and Stakes of Asian American Studies	02/22/2016	239,771
Knapp, Kathy	DOS/Bureau of Educational and Cultural Affairs	The Contemporary American Bildungsroman in an Age of Uncertainty	03/11/2016	0
Courtmanche, Jason C	ED/Department of Education/National Writing Project Corporation	Advanced Institute to Scale Up the College-Ready Writers Program	01/26/2016	20,000
<b>Geography</b>			<b>6 Proposals</b>	<b>\$7,281,817</b>
Zhang, Chuanrong	NSF/GEO/Directorate for Geosciences	INFEWS/T2: An Interoperable Real-Time CyberGIS Decision-Support System for Effective Bioenergy Land Resources Management	03/21/2016	2,224,988
Hanink, Dean M	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Doctoral Dissertation Research: The Local Socioeconomic Impact of Leisure-Based Redevelopments in Detroit and Las Vegas (1990-2010)	02/10/2016	15,841
Trumbull, Nathaniel S	U.S.-Russia University Partnership Program	Co-Teaching of Socio-Economic and Legal Aspects of Decommissioning of Nuclear Power Plants: Russia and the U.S.	01/21/2016	19,059
Zhang, Chuanrong	PHS/National Institutes of Health	Accounting for Spatial Uncertainty in Asthma and Air Pollution Association Analysis	02/01/2016	3,753,662
Boush, Lisa E	NSF/GEO/Directorate for Geosciences	Collaborative Research: Linking the Central Atlantic Magmatic Province and the End Triassic Extinction in Western Pangea Using Geochemical and Paleontological Proxies	01/26/2016	71,448
Zhang, Chuanrong	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	BIGDATA: Collaborative Research: IA:F: Towards the Geospatial Semantic Web to Transform Big Geospatial Data into Smart Data for Disaster Response	02/09/2016	1,196,819
<b>Human Development and Family Studies</b>			<b>2 Proposals</b>	<b>\$1,652,789</b>
Super, Charles M	CT Office of Early Childhood	Phase 2 - Positive Parenting Program	01/28/2016	30,000
Russell, Beth S	PHS/Department of Health and Human Services	Promoting Resilience in Self-Management (PRISM) with a Focus on Caregiver Health	02/23/2016	1,622,789
<b>Literature, Culture and Languages</b>			<b>1 Proposals</b>	<b>\$324,579</b>
Travis Jr, Roger M	NEH/National Endowment for the Humanities	BuddyPress RPG	02/01/2016	324,579
<b>Marine Sciences</b>			<b>16 Proposals</b>	<b>\$7,200,601</b>
Vlahos, Epapante	NSF/National Science Foundation	Collaborative Research: Spray-Mediated Gas Fluxes Across the Air-Sea Interface	01/21/2016	134,623
Lombardo, Kelly	NSF/GEO/Directorate for Geosciences	Collaborative Research: Michigan Thunderstorm and Marine Experiment (MITMEX)	01/25/2016	434,765
Ward, J E	NSF/National Science Foundation	NSF-IOS-BSF Preproposal: Rethinking Biological Filtration: Intrinsic Versus Extrinsic Controls on Feeding Efficiency in Marine Suspension Feeders	01/11/2016	
Baumann, Hannes	DOC/National Oceanic and Atmospheric Administration	Sensitivity of Larval and Juvenile Sand Lance Ammodytes Dubius on Stellwagen Bank to Predicted Ocean Warming, Acidification, and Deoxygenation	01/13/2016	190,894
Tobias, Craig R	NSF/BIO/Directorate for Biological Sciences	LTER: Long Island Sound Urban LTER: Coupled Climate and Anthropogenic Alteration of Coastal Ecosystem Structure and Function	01/25/2016	
Lombardo, Kelly	DOD/NAVY/Office of Naval Research	Modification of Mesoscale Convective Systems Traversing the Maritime Continent	01/26/2016	682,383
Mason, Robert	NSF/GEO/Directorate for Geosciences	Collaborative Research: Transformations and Methylmercury by Marine Phytoplankton	01/26/2016	307,354

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Lombardo, Kelly	NSF/National Science Foundation	Collaborative Research: The Role of Anticyclones in Historical and Future Extreme Precipitation Events East of the Rockies: Quantification, Trends, and Physical Mechanisms	03/29/2016	300,334
Whitney, Michael	DOE/Department of Energy	A Module for Estuary Physics and Biogeochemical Processes in ACME	03/08/2016	616,886
Tobias, Craig R	DOD/Department of Defense	DNAN and NTO Transformations Quantified Using Stable Isotope Tracers	03/01/2016	1,543,463
Cabaniss, Joseph T	DOC/National Oceanic and Atmospheric Administration	2016 Passive Acoustics Research Program - Georges Bank to New York Bight	02/29/2016	98,000
Vlahos, Epapante	PHS/National Institutes of Health	Identifying Contributing Factors to the Progression of Chronic Kidney Disease of Unknown Etiology in Sri Lanka	02/19/2016	358,426
Bucklin, Ann	NSF/GEO/Directorate for Geosciences	Collaborative Research: Connectivity and Climate: Population Structure, Migration, and Phenotypic Variation in the North Atlantic Copepod, <i>Calanus Finmarchicus</i>	02/11/2016	393,932
Tobias, Craig R	NSF/GEO/Directorate for Geosciences	Collaborative Research: Linking Organic Matter Composition to Shifting Baselines in the Coastal Sedimentary Nitrogen Cycle	02/10/2016	379,069
McManus, George B	DOC/NOAA/National Ocean Service	CHRP 2016: Modeling and Observations for Management and Mitigation of Hypoxia in an Urban Sea	02/02/2016	1,737,839
Mason, Robert	NSF/GEO/Directorate for Geosciences	Support for Activities Related to the 13th International Conference of Mercury as a Global Pollutant	01/27/2016	22,633
<b>Mathematics</b>			<b>4 Proposals</b>	<b>\$854,777</b>
Gan, Guojun	Society of Actuaries	Regression Modeling for the Valuation of Large Variable Annuity Portfolios	01/08/2016	13,000
Cardetti, Fabiana A	Toyota Motor Engineering and Manufacturing North America, Inc.	Interdisciplinary Collaboration to Enhance Math and World Languages Education via Development of Intercultural Competence	03/01/2016	814,977
Vadiveloo, Jeyaraj	Connecticut School Finance Project	Special Education Funding Strategy for Connecticut	03/09/2016	22,000
Zhao, Bin	Simons Foundation	Galois Representations and Modular Forms	03/24/2016	4,800
<b>Molecular and Cell Biology</b>			<b>23 Proposals</b>	<b>\$14,060,109</b>
Lynes, Michael A	Connecticut Innovations	A Therapeutic Monoclonal Antibody for the Treatment of Inflammatory Bowel Disease	03/28/2016	500,000
Graf, Joerg	PHS/National Institutes of Health/Yale University	Pathophysiologic Mechanisms Underlying Pediatric Obesity	03/28/2016	161,566
Klassen, Jonathan	NSF/National Science Foundation	Dimensions: Pseudonocardia Secondary Metabolites as Drivers of Phylogenetic Diversity and Community Function in a Fungus-Growing Ant Symbiosis	03/11/2016	1,643,989
Nyholm, Spencer	NSF/National Science Foundation	Dimensions: Collaborative Research: Unraveling Environmental and Evolutionary Drivers of Biodiversity Using Beneficial Microbes and their Animal Hosts	02/29/2016	464,605
Core, Leighton J	PHS/National Institutes of Health/University of CT Health Center	Regulation of UBE3A Genomic Imprinting	02/26/2016	144,065
O'Neill, Rachel J	PHS/National Institutes of Health/Duke University	Molecular Analysis of Centromeric Epialleles in Humans	02/24/2016	1,953,285
Cole, James L	PHS/National Institutes of Health	Mechanism for Activation of the Antiviral Kinase PKR	02/15/2016	2,318,531
Robinson, Victoria L	PHS/National Institutes of Health	The Role of BipA in Stress Adaptation in Bacteria	02/12/2016	414,702
Zweifach, Adam	PHS/National Institutes of Health	Analogs of a Novel Immunosuppressive Compound	02/10/2016	158,000
Graf, Joerg	PHS/National Institutes of Health/University of Texas Health Science Center at Houston	Detrimental Effects of Age Related Dysbiosis	02/02/2016	1,014,950
O'Neill, Michael J	PHS/National Institutes of Health	Role of Transketolase-Like 1 in Autism Spectrum Disorder	02/01/2016	1,947,912

\* 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	Process Date	Total Requested Amount
Zweifach, Adam	PHS/National Institutes of Health	Developing a Multiplexed Cytometric Cell-Based FRET Assay for Compounds that Activate C1 Domain Proteins	01/29/2016	1,046,202
May, Eric R	NSF/ENG/Directorate for Engineering	Collaborative Research: CDS&E: Multiscale Simulation Studies of Mechanosensitive Channels	01/25/2016	222,072
Lynes, Michael A	PHS/National Institutes of Health	Stress and Metallothionein as Modifiers of Breast Cancer Carcinogenesis	01/25/2016	1,916,230
Noll, Kenneth M	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Laboratory Evolution of Bacteria to Examine Biotic Factors Impacting Selection of Bacterial Carbon Source Acquisition and the Effect of Horizontal Gene Transfer on the Process	01/15/2016	
Gogarten, Johann P	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal SG: Cooperation, Cheating, and Selfishness in Microbial Populations - A Genomic and Metagenomic Based Analysis	01/13/2016	
Robinson, Victoria L	American Heart Association	Cardiac Stem Cell Maintenance is Associated with NS-Dependent Nucleolar Localization Pathways	01/12/2016	154,000
Broderick, Nichole A	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Mechanisms of Microbiome-Dependent Effects on Animal Development and Homeostasis	01/12/2016	
Graf, Joerg	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Collaborative Research: Residents, Tourists & Invaders: Identifying Mechanisms that Prevent Invasion by Bacteria and Engineering Probiotic Countermeasures	01/11/2016	
Klassen, Jonathan	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: How Does Immigration Impact Microbial Community Function?	01/11/2016	
Klassen, Jonathan	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Collaborative Research: Mapping and modeling how secondary metabolites structure a fungus-growing ant microbiome	01/11/2016	
Malone, John H	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Collaborative Research: Male Contest Competition and Sex Chromosome Evolution	01/07/2016	
Malone, John H	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Collaborative Research: Sex Chromosome Evolution, Sexual Dimorphism, and Diversification of African Bullfrogs (Anura: Pyxicephalidae: Pyxicephalus)	01/07/2016	
<b>Physics</b>			<b>4 Proposals</b>	<b>\$2,002,182</b>
Dunne, Gerald V	NSF/National Science Foundation/University of Michigan	Two Petawatt Laser System at the University of Michigan	01/25/2016	346,814
Jones, Richard T	DOE/Department of Energy/Energy Analytics	Radon Sensing and Control Remediation System	02/09/2016	40,242
Cote, Robin J	DOD/Department of the Army	Research Area 7: Chemical Sciences (7.1 Molecular Dynamics); Dynamics of Molecular Dressed States	02/18/2016	465,126
Joo, Kyungseon	DOE/Department of Energy	Medium Energy Nuclear Physics Experiment in Hall B at Jefferson Lab	01/18/2016	1,150,000
<b>Physiology and Neurobiology</b>			<b>11 Proposals</b>	<b>\$7,601,738</b>
Mulkey, Daniel K	PHS/National Institutes of Health	Stoke disordered breathing across age and gender and its impact on neurological recovery and mortality	02/03/2016	3,279,672
Mulkey, Daniel K	PHS/National Institutes of Health	Defining Astrocyte Heterogeneity in the RTN	02/12/2016	434,500
Tzingounis, Anastasios	PHS/NIH/National Institute of Neurological Disorders and Stroke/Baylor College of Medicine	Enabling Targeted Therapy for KCNQ2 Associated Severe Pediatric Epilepsy	02/17/2016	918,705
Chen, Xinnian	Helmsley (Leona M. and Harry B.) Charitable Trust/Yale University	National Academies Summer Institute on Undergraduate Education	01/06/2016	50,000
Wang, Li	American Heart Association	Investigating the Role of H19 in Hepatic Insulin Resistance	01/20/2016	5,000
Nishiyama, Akiko	Citizens United for Research in Epilepsy	Reprogramming NG2 Glial Cells into Inhibitory Neurons in an Epilepsy Model	02/03/2016	50,000

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
De Blas, Angel L	PHS/National Institutes of Health	New Insights into the Regulation of GABAA Receptor Clustering	02/02/2016	430,739
Yang, Zhihong	University of Michigan	The Role of PDK4 in HCC Cell Metabolic Reprogramming	03/01/2016	54,153
Mulkey, Daniel K	American Epilepsy Society	Role of Respiratory Control in Seizure Propensity and SUDEP	01/20/2016	20,000
Conover, Joanne	PHS/National Institutes of Health	Eph-Ephrin Signaling Facilitates Dynamic Interactions within the Brain	02/02/2016	1,934,368
Schwartz, Daniel	PHS/National Institutes of Health	Determining the Substrate Specificity Effects of Wild-Type and Encephalopathy-Associated Mutants of Protein Kinase CDKL5	03/15/2016	424,601
<b>Political Science</b>			<b>1 Proposals</b>	<b>\$35,046</b>
Singer, Matthew	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Collaborative Research: The Causes of Populism	01/12/2016	35,046
<b>Psychology</b>			<b>15 Proposals</b>	<b>\$15,064,208</b>
Volgushev, Maksim A	PHS/National Institutes of Health/Dignity Health	Active Vision: What Visual Cortex Tells the Motor System During Locomotion	01/21/2016	1,084,092
Park, Crystal	PHS/NIH/National Center for Complementary and Alternative Medicine	Optimizing Outcomes of Yoga for Low Back Pain through Enhanced Self-Regulations	01/12/2016	2,833,012
Kalichman, Seth C	PHS/NIH/National Institute of Child Health and Human Development	Enhanced STI/NIH Partner Notification in South Africa	01/11/2016	1,367,818
Chrobak, James J	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: The Septotemporal (Long) Axis of the Hippocampus: Variation and Synchronization of the Theta Signal	01/06/2016	
Kalichman, Seth C	PHS/NIH/National Institute on Drug Abuse	Behavioral Intervention to Enhance HIV Test/Treat	01/06/2016	731,450
Altmann, Gerald	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Collaborative Research: NCS-FO: Individual Variability in Network Function	01/22/2016	942,076
Molfese, Peter J	PHS/National Institutes of Health/Massachusetts General Hospital	High Temporal Resolution Effective Connectivity Analysis of Large Brain Networks	02/18/2016	67,693
Yee, Eiling J	Brain Research Foundation	The Neural Underpinnings of Dynamic Conceptual Representations	01/05/2016	
Large, Edward W	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Rhythmic Neural Networks: Theory and Experiment	01/25/2016	571,753
Gibbons, Frederick	PHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Stress, Alcohol Use, Smoking, and Accelerated Epigenetic Aging in African Americans	01/28/2016	2,237,506
Salamone, John D	Shire	Effect of Lisdexamfetamine on Binge Eating in Animal Models	03/15/2016	80,504
Kalichman, Seth C	PHS/NIH/National Institute on Drug Abuse	Unified Intervention to Impact HIV Care Continuum	02/18/2016	3,910,173
Barnes-Farrell, Janet L	National Society of Black Engineers	2016 NSBE Student Survey	02/10/2016	25,279
Salamone, John D	PHS/National Institutes of Health	Pharmacological Modulation of Central Glycine/NMDA Site: Implications for Treatment of Effort-Related Motivational Symptoms	01/29/2016	620,352
Swadlow, Harvey A	PHS/National Institutes of Health/State University of New York	Ultrathin Neural Probes for Chronic Recordings and Electrical Microstimulation	01/28/2016	592,500
<b>Public Policy</b>			<b>3 Proposals</b>	<b>\$142,364</b>
Raissan, Kerri M	Arnold (Laura and John) Foundation	Does the Minimum Wage Affect Child Maltreatment & Child Well-Being?	03/28/2016	82,366
Robbins, Mark D	Fairfield County Community Foundation	Encore!Fairfield County	02/29/2016	10,000
Raissan, Kerri M	Smith Richardson Foundation	Evaluating Aspects of the Criminal Justice System's Response to Family Violence	01/25/2016	49,998
<b>Speech, Language and Hearing Sciences</b>			<b>2 Proposals</b>	<b>\$512,500</b>

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Skoe, Erika	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Role Cortical and Subcortical Auditory Processing in Bilinguals' Ability to Shift Between Languages	02/04/2016	502,390
Cienkowski, Kathleen M	Duracell	Battery Life: A Qualitative and Quantitative Investigation of User Management	01/15/2016	10,110
<b>Statistics</b>			<b>9 Proposals</b>	<b>\$1,945,919</b>
Bar, Haim Y	Simons Foundation	Statistical Methods for High Dimensional Data in Genomics	01/25/2016	35,000
Zhang, Yuping	Simons Foundation	Statistical Methods for High-Dimensional Longitudinal Data	01/25/2016	35,000
Wang, Xiaojing	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Advances in Modeling and Clustering Changes of Latent Traits for Complex Longitudinal Data	01/27/2016	339,880
Wang, Xiaojing	Simons Foundation	Modeling and Clustering Changes of Latent Traits in Longitudinal Data	01/27/2016	35,000
Chen, Kun	Community Health Center/University of CT Health Center	New England eConsult Network	01/15/2016	23,456
Chen, Kun	PHS/National Institutes of Health/University of CT Health Center	Improving the Identification and Management of Patients at Risk of Suicide	03/02/2016	1,375,147
Schifano, Elizabeth D	CT Department of Public Health/CT Childrens Medical Center	Easy Breathing Collaboration 2016	03/02/2016	15,000
Yan, Jun	Renaissance Health Service Corporation/University of CT Health Center	Utilization of Dental Imaging During the Past 20 Years	01/15/2016	34,344
Harel, Ofer	Johnson (Robert Wood) Foundation/City of Bridgeport, CT	An Innovative Health Equity Network to Support Health and Wellness among Low-Income Community Members	03/01/2016	53,092
<b>NEAG School of Education</b>			<b>16 Proposals</b>	<b>\$6,373,680</b>
<b>Curriculum and Instruction</b>			<b>3 Proposals</b>	<b>\$3,148,492</b>
Howard, Elizabeth	ED/Office of English Language Acquisition	SMART STEP: Supporting Multilingual Students' Achievement and Retention Through a Secondary Teacher Education Pipeline	02/17/2016	358,853
Wilson, Suzanne	Wayne County Regional Educational Service Agency/Clark University	Design to Support the Michigan NGSX Initiative	01/22/2016	39,643
Rojas, Eliana D	ED/Office of English Language Acquisition	Math Technology, Language Community (TLC)	02/12/2016	2,749,996
<b>Educational Leadership</b>			<b>7 Proposals</b>	<b>\$1,870,847</b>
Cooper, Joseph N	Spencer Foundation	Cultural Importance in Elite Interscholastic Student Athlete Development	02/29/2016	43,894
Femc-Bagwell, Michele	CT Department of Education	CommPACT Community Schools Collaborative Program	03/15/2016	332,500
Dougherty, Shaun M	Grant (William T.) Foundation/University of California, Santa Barbara	Can Applied STEM Coursetaking Support College and Career Transitions for Low-Income High School Students	03/25/2016	96,433
Weiner, Jennie	National Academy of Advanced Teacher Education	Evaluating the Impact of NAATE Participation on Teachers and their Schools	03/31/2016	96,376
Lechasseur, Kimberly	Rex (John) Endowment	Evaluation of Intentional and Effective Places & Spaces for Children's Positive Mental Health	02/10/2016	48,468
Donaldson, Morgaen	Spencer Foundation	District Policies Related to Principal Evaluation and Learning-Centered Leadership	01/07/2016	999,980
Dougherty, Shaun M	NSF/National Science Foundation/Northwestern University	Collective Impact Networks: Outcomes from Stakeholders to Systems	01/08/2016	253,196
<b>Educational Psychology</b>			<b>6 Proposals</b>	<b>\$1,354,341</b>
Young, Michael F	NSF/EHR/Directorate for Education and Human Resources	CSIoTEC - Interactive Learning of Computing and STEM in the Context of Internet of Things and Energy Consumption	03/28/2016	330,682

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Lombardi, Allison	ED/Office of Special Education and Rehabilitative Services/Ohio State University	College and Career Readiness: Increasing Adolescent Literacy, Digital Literacy and Transition Outcomes	03/25/2016	531,458
Lombardi, Allison	NSF/National Science Foundation/Landmark College	Peer Academic Networks (PAN): A Predictive Model for STEM Performance Based on Interaction Between Negative Stereotype and Peer Networks of Females and Students with Disabilities	03/11/2016	63,640
Sugai, George M	PHS/Department of Health and Human Services/University of CT Health Center	Connecticut Leadership Education in Neurodevelopmental and Other Related Disabilities (LEND) Project	02/11/2016	350,853
Bray, Melissa A	Futures, Inc	School Psychology Internship - Dawne Goodwin	03/08/2016	9,625
Rhoads, Christopher H	NSF/National Science Foundation/Mgenuity	MathBrainius - Immersive Environment to Develop Mastery in Mathematical Problem Solving Phase II	01/26/2016	68,083
<b>School of Business</b>			<b>2 Proposals</b>	<b>\$299,825</b>
<b>CT Small Business Development Center</b>			<b>1 Proposals</b>	<b>\$250,000</b>
Carter, Emily	Small Business Administration	Veterans Business Outreach Center	03/17/2016	250,000
<b>Finance</b>			<b>1 Proposals</b>	<b>\$49,825</b>
Carstensen, Fred V	MGM Resorts International	Evaluating the Impacts of Casino Expansion	02/16/2016	49,825
<b>School of Engineering</b>			<b>122 Proposals</b>	<b>\$62,906,600</b>
<b>Biomedical Engineering</b>			<b>6 Proposals</b>	<b>\$1,034,242</b>
Feng, Bin	NSF/ENG/Directorate for Engineering	Role of Biomechanics in Visceral Sensation and Pain	01/18/2016	399,361
Hoshino, Kazunori	PHS/National Institutes of Health/University of CT Health Center	Creating Biodegradable Conducting Polymeric Implants	01/18/2016	20,000
Brown, Kevin S	NASA/National Aeronautics and Space Administration	Sloppy Models for Ocean Color Inversion	02/16/2016	312,382
Chon, Ki	PHS/National Institutes of Health/Mobile Sense Technologies	Waterproof Leadless Armbands for Continuous Wireless Monitoring for Atrial Fibrillation	03/28/2016	40,000
Chon, Ki	PHS/National Institutes of Health/Triton Systems, Inc	Multimodal Assessment of Diabetic Autonomic Neuropathy Using a Wearable Sensor and a Smartphone App	03/29/2016	112,499
Feng, Bin	Allen Foundation	Optogenetic Activation of Mechanically-Insensitive Afferents in Mouse Colorectum	01/07/2016	150,000
<b>Chemical and Biomolecular Engineering</b>			<b>18 Proposals</b>	<b>\$8,891,337</b>
Lei, Yu	DOE/Department of Energy	Portable Capacitive Sensor and Raman Sensor for Rapid, On-Line, Quantitative Analysis of Oxidation State of Oxygen Carrier Particles	03/14/2016	400,000
Maric, Radenka	DOE/Department of Energy	Novel Approach to Manufacturing of Robust, Cost Effective, Metal Supported Solid-State Electrochemical Cells	03/11/2016	3,000,001
Nieh, Mu-Ping	Moderna Therapeutics	Moderna Therapeutics Sponsored Research Agreement	03/10/2016	84,000
Sun, Luyi	American Chemical Society/Petroleum Research Fund	Heterogeneous Catalysts Based on Single Layer Nanosheets	03/09/2016	110,000
Wagstrom, Kristina	NASA/National Aeronautics and Space Administration	Informing Outdoor Activities with Air Quality Observations	03/04/2016	332,354
McCutcheon, Jeffrey R	DOI/Department of the Interior	Characterization and Optimization of Forward Osmosis Hybrid Systems: Demonstrating Dual Barrier Protection from Contaminants in Saline Waters	03/01/2016	
Maric, Radenka	NSF/National Science Foundation	Developing an Engineering Prototype for Ultra-Low-Cost Energy Harvesting and Storage	02/26/2016	
McCutcheon, Jeffrey R	DOI/United States Geological Survey	Demonstrating Forward Osmosis for Wastewater Reuse	02/22/2016	373,902

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Valla, Ioulia A	NSF/ENG/Directorate for Engineering	An Integrated Theoretical and Experimental Research for Novel, High Temperature MFI-Zeolite Sensors	02/11/2016	572,113
Cho, Yongku P	PHS/National Institutes of Health	Early Detection of Tau Acetylation Using Ultra-High Affinity Antibodies	02/10/2016	149,092
Lei, Yu	NSF/ENG/Directorate for Engineering	SNM: Engineered Bacteria as the "Nanobiomanufacturing Machine" for Scalable and Green Production of Well-Controlled Multifunctional Bionanoparticles	02/02/2016	1,500,000
Maric, Radenka	NSF/National Science Foundation/Rutgers University	SNM: Layered Manufacturing of Nanostructured Materials	01/29/2016	750,000
Maric, Radenka	DOE/Department of Energy/University of Central Florida	Improved Low-PGM Electrode Performance and Durability through Catalyst Layer Design and Application	03/21/2016	656,250
Maric, Radenka	DOE/Department of Energy	Low Cost Flexible Flame Manufacturing Technology for Production of High Performance Li-ion Battery with Solid Li7La3Zr2O12 Thin Films Electrolyte	03/23/2016	
Maric, Radenka	NSF/ENG/Directorate for Engineering	Developing an Engineering Prototype for Ultra-Low-Cost Energy Harvesting and Storage	03/24/2016	200,000
Maric, Radenka	DOE/Department of Energy/Proton OnSite	Single Step Manufacturing of Low Catalyst Loading Electrolyzer MEAs	03/25/2016	330,000
Wagstrom, Kristina	DOE/Department of Energy	Aerosol Source-Resolved Impacts on Boundary Layer Cloud Formation and Lifetime	01/15/2016	420,625
Sun, Luyi	University of Hartford	Nanocoatings with Outstanding Thermal Insulation and Flame Retardancy for Aerospace Applications	03/15/2016	13,000
<b>Civil and Environmental Engineering</b>			<b>24 Proposals</b>	<b>\$18,844,894</b>
Lownes, Nicholas	DOT/Federal Highway Administration/CT Department of Transportation	UConn Summer Transportation Institute	03/04/2016	20,577
Anagnostou, Emmanouil N	Eversource	Predictive Storm & Damage Modeling for Preparedness and Emergency Response Support	01/29/2016	2,367,895
Christenson, Richard	National Academies	Evaluating the Effectiveness of Vibration-Mitigation Devices for Structural Supports of Signs, Luminaires, and Traffic Signals	01/07/2016	400,000
Wang, Guiling	NASA/National Aeronautics and Space Administration	Using Remote Sensing Based Evapotranspiration and SMAP Data to Improve Land Surface Modeling	01/13/2016	443,868
Astitha, Marina	DOE/Department of Energy	Improving the Understanding and Model Representation of Aerosol Effects in Shallow and Deep Convective Events Using GoAmazon Campaign Data	01/13/2016	705,411
Chrysochoou, Maria	DOE/Department of Energy	From Pure Minerals to Real Soils: A New Approach to Scaling up Surface Complexation	01/19/2016	555,275
Ivan, John N	National Academy of Engineers/CH2M Hill	Understanding and Communicating Reliability of Crash Prediction Models	01/19/2016	91,000
Astitha, Marina	DOC/NOAA/Oceanic and Atmospheric Research	Evaluation and Improvements for Air Quality Model Applications for Ozone and PM2.5	01/22/2016	316,902
Wang, Guiling	NASA/National Aeronautics and Space Administration	Deciphering the Drying up of the Urmia Lake Based on Satellite Remote Sensing Data and Numerical Model	01/26/2016	60,000
Zhang, Wei	NSF/ENG/Directorate for Engineering	Collaborative Research: Multi-Scale Performance and Benchmark Validation of Residential Buildings Under Combined Wind and Wave Actions	01/26/2016	249,262
Anagnostou, Emmanouil N	NASA/National Aeronautics and Space Administration	Characterization and Modeling of Passive Microwave Precipitation Retrieval Uncertainty over Complex Terrain	01/27/2016	30,000
Anagnostou, Emmanouil N	NASA/National Aeronautics and Space Administration	Demonstrating Improvements from a NWP-Based Satellite Precipitation Adjustment Technique in Complex Terrain Flood Applications	01/27/2016	30,000
Konduri, Karthik C	PHS/NIH/National Institute on Aging/University of Michigan	Exploring the Relationship Between Daily Time Use and Wellbeing of Elderly Using a Life Course Approach: Evidence from Supplemental Studies of the Panel Study of Income Dynamics	01/28/2016	19,955

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Christenson, Richard	NASA/National Aeronautics and Space Administration/University of Hartford	Dynamic Load Testing of Spacecraft Parachute Deployment using Real-Time Hybrid Substructuring	02/04/2016	13,664
Li, Baikun	NSF/ENG/Directorate for Engineering	PFI: AIR-TT: Prototype Development and Demonstration of Milli-Electrode Array (MEA) as Real-Time In Situ Profiling Device in Wastewater Treatment Systems	03/30/2016	200,000
Wang, Guiling	NSF/GEO/Directorate for Geosciences	Trading Electricity for Irrigation: An Innovative Approach to Enhancing Food Security in Ethiopia	03/18/2016	961,385
Li, Baikun	NSF/ENG/Directorate for Engineering	INFEWS/T3: Smart Dynamic Self-Learning Food/Energy/Water (FEW) Platform: Development and Demonstration Using Anaerobic Digestion (AD) as a Model System	03/15/2016	1,000,000
Jackson, Eric D	CT Department of Transportation	The Connecticut Transportation Safety Research Center: Years 4 to 9	03/14/2016	7,662,323
Li, Baikun	DOE/Department of Energy	UCR AOI3: Low Cost Real-Time in Situ Sensing Water Quality using Wireless Milli-Electrode Array (WiMEA)	03/14/2016	399,999
Astitha, Marina	NASA/National Aeronautics and Space Administration/RTI International	Integrating Observational and Modeling System Data (Including Earth Observations) for Improving our Understanding of the Interactions between Air Quality and Human Health	03/02/2016	44,330
Li, Baikun	NSF/National Science Foundation	AIR Option 1 Technology Translation: Prototype Development of Microelectrode Array (MEA) as Real-Time in Situ "Global" Sensing Device in Wastewater Treatment Systems	03/01/2016	
Zhang, Wei	National Academies	Development of an Active Control Device for Highway High-Side Trucks Subjected to Strong Winds	02/12/2016	150,000
Christenson, Richard	NSF/National Science Foundation	Collaborative Research: Aeroelastic Real-Time Hybrid Simulations of Base Isolated Tall Buildings: A New Concept for Wind Engineering Testing	02/11/2016	125,000
Mellor, Jonathan E	NSF/EHR/Directorate for Education and Human Resources	NRT-INFEWS: In Search of Security: An Interdisciplinary Training Program on Global Water Challenges	02/09/2016	2,998,048
<b>Computer Science and Engineering</b>			<b>13 Proposals</b>	<b>\$7,305,734</b>
Khan, Mohammad M	DOD/DARPA	Personality, Emotion, and Efficacy of Gamification: Application to Risk Communication and Persuasion in the Context of Safe Cyber Behavior	03/31/2016	652,242
Huang, Chun-Hsi	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	XPS: EXPL: Extreme-Scale Modeling and Simulation in Network Biology	01/11/2016	300,000
Rajasekaran, Sanguthevar	NSF/EHR/Directorate for Education and Human Resources	MRI: Acquisition of a Cluster System for Big Data Analytics	01/12/2016	1,100,000
Han, Song	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	II-New: A Hybrid-Defined Real-Time Sensing and Control Network Testbed for Performance-Critical Cyber-Physical Applications	01/14/2016	748,424
Bi, Jinbo	PHS/National Institutes of Health	Generating SUD Subtypes Using Behavioral, Biomarker, Genomic and Treatment Data	02/01/2016	848,642
Wang, Bing	National Multiple Sclerosis Society/Saint Francis Hospital and Medical Center	Development and Validation of Patient-Centered Electronic Symptom Diary for Persons with MS	02/02/2016	39,787
Demurjian, Steven A	PHS/National Institutes of Health/University of CT Health Center	Personalized Assessment Linking Momentary Symptom Clusters to Their Management in Cancer Survivors	02/10/2016	100,000
Rajasekaran, Sanguthevar	NSF/National Science Foundation	Big Data Sharing Tools to Accelerate Genomics Research	01/05/2016	
Rajasekaran, Sanguthevar	NSF/National Science Foundation	BigData (BD) Spokes	02/15/2016	999,999
Han, Song	NSF/National Science Foundation	CRISP Type 1: An Integrative Monitoring and Analytics Framework to Improve Resilience of Interdependent Critical Chemical Infrastructures	02/25/2016	403,042

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Michel, Laurent D	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	AitF: Collaborative Research: Machine Learning for Massively Parallel Optimization Systems	02/29/2016	391,591
Bansal, Mukul S	NSF/BIO/Directorate for Biological Sciences	Reconstructing the Microbial Genealogy of Life: Reticulate Evolution, Pathways, and Pan-Genomes	03/11/2016	1,682,007
Huang, Chun-Hsi	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	PRAC: Peta-Scale Modeling and Simulation in Network Biology	03/30/2016	40,000
<b>Connecticut Transportation Institute</b>			<b>1 Proposals</b>	<b>\$44,760</b>
Mahoney, James M	CT Department of Transportation	Development of a Specification for Porous Asphalt Pavements	01/29/2016	44,760
<b>Electrical and Computer Engineering</b>			<b>16 Proposals</b>	<b>\$4,565,737</b>
Javidi, Bahram	ABB	3D Imaging and Visualization for Robotics Applications	03/17/2016	230,373
Gokirmak, Ali	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	E2CDA: Type II: Thermal Cross-Talk and Phase-Change Logic	03/16/2016	599,078
Jain, Faquir C	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	E2CDA: Type II: Embedded High-Speed Nonvolatile Random Memory (NVRAM) for Low-Power Applications	03/15/2016	583,000
Wang, Lei	NSF/National Science Foundation	INFEWS/T3: ASSISTANCE: A SenSing and Modeling SysTem enAbling efficieNt use of resourcEs	03/11/2016	655,415
Dani, Ashwin	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	NRI: Human-Robot Manufacturing Team: Learning Collaboration from Demonstrations, Production Control and Applications	03/01/2016	620,492
Dani, Ashwin	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	NRI: Collaborative Research: Learning and Control Methods for Human Machine Interaction for Rehabilitative Robotic Systems	02/25/2016	379,702
Bazzi, Ali	DOD/Department of the Army/Qualtech Systems, Inc	Heuristic-Based Prognostic and Diagnostic Method for Installations	02/11/2016	50,000
Javidi, Bahram	DOD/Department of the Air Force/Vista Applied Optics	Photon Counting Pattern Recognition for Compact Real-Time Automated Target Recognition	02/03/2016	48,000
Dani, Ashwin	DOD/DARPA/Open Source Robotics Foundation	DARPA Robotics Fast Track	01/27/2016	149,042
Luh, Peter B	General Electric Company	Surrogate Lagrangian Relaxation and Branch-and-Cut for Security Constrained Unit Commitment with Combined Cycle Units	01/26/2016	21,770
Luh, Peter B	Midcontinent Independent System Operator	Surrogate Lagrangian Relaxation and Branch-and-Cut for Security Constrained Unit Commitment with Combined Cycle Units	01/26/2016	21,770
Bazzi, Ali	NSF/National Science Foundation	NRT-IGE: Multidisciplinary Cohort-Thesis in Energy Systems: A Pilot Program	01/19/2016	499,693
Zhang, Peng	Eversource	Unintentional Islanding & Frequency Response Analysis	02/02/2016	108,727
Zhang, Peng	NSF/ENG/Directorate for Engineering	CPS-EAGER: Microgrid Cloud: An IoT-Enabled Integrative Framework for Community Microgrid Monitoring, Analytics and Optimization	03/28/2016	300,000
Luh, Peter B	United Illuminating Company	Fault Detection and Diagnosis for HVAC Rooftop Units	03/22/2016	100,000
Bazzi, Ali	United Illuminating Company	Evaluation of Fault Detection and Diagnosis Methods in Heating, Ventilation, and Air Conditioning Systems Utilizing Electric Drives	03/22/2016	198,675
<b>Engineering Dean</b>			<b>4 Proposals</b>	<b>\$6,804,792</b>
Wei, Mei	NSF/ENG/Directorate for Engineering	GOALI: Hierarchical Fabrication of Absorbable Composites for Improved Mechanical Properties using a Dual-Alignment Process	01/26/2016	488,758
Shahbazmohamadi, Sina	DOD/ARPA	Integrated Instrument for Intelligent Inspection of ICs (I5)	02/26/2016	6,116,034
Wei, Mei	NSF/National Science Foundation	PFI: AIR-TT: Prototyping Apatite/Collagen Scaffolds for Bone Defect Repair	03/01/2016	
Wei, Mei	NSF/ENG/Directorate for Engineering	PFI: AIR-TT: Scale-up and Prototyping of Novel Scaffold Fabrication for Bone Regeneration	03/11/2016	200,000

\* 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	Process Date	Total Requested Amount
<b>Engineering Diversity Program</b>			<b>1 Proposals</b>	<b>\$149,999</b>
Burkey, Daniel D	NSF/ENG/Directorate for Engineering	Research Initiation: Development of a Multi-Year Cross-Disciplinary Engineering Ethics and Social Justice Intervention	03/25/2016	149,999
<b>Materials Science and Engineering</b>			<b>14 Proposals</b>	<b>\$5,547,782</b>
Gao, Puxian	DOE/Department of Energy	Ultra-Low PGM Loading Nano-Array/Wash-Coat Hybrid Oxidation Catalysts	02/09/2016	60,000
Singh, Prabhakar	DOD/Department of Defense/InnoSense	Ultra High Temperature Polymer-Derived Carbide and Boride Refractory Ceramics for CMCs	02/03/2016	45,000
Singh, Prabhakar	NASA/National Aeronautics and Space Administration/Precision Combustion, Inc	Advanced Solid Oxide Cell Architecture and Materials for Durable, Regenerative Operation at Pressure	02/01/2016	40,206
Ramprasad, Ramamurthy	NSF/MPS/Directorate for Mathematics and Physical Sciences	DMREF: A Framework for the Accelerated Design of Functional Polymers	01/15/2016	1,600,000
Alpay, Pamir	United Technologies-Aerospace Systems	UTAS - Center of Excellence	01/13/2016	1,000,000
Hebert, Rainer J	United Technologies-Pratt & Whitney	Computational and Experimental Studies of Laser-Powder Interaction for Additive Manufacturing	01/13/2016	63,000
Nakhmanson, Serge M	NSF/MPS/Directorate for Mathematics and Physical Sciences	DMREF: Collaborative Research: Adaptive Design Principles for Functional Molecular Ferroelectric Materials	01/08/2016	292,720
Singh, Prabhakar	DOE/Pacific Northwest National Laboratory	Gas Phase Chromium Capture for SOFC Systems	01/07/2016	66,398
Huey, Bryan	PHS/National Institutes of Health/University of CT Health Center	Acoustic Radiation Force as a Stimulus for Hydrogel-Mediated Bone Repair	02/29/2016	239,659
Singh, Prabhakar	DOE/Department of Energy/Cummins	Solid Oxide Fuel Cell Core Technology and Innovative Concepts	03/07/2016	495,439
Singh, Prabhakar	DOE/Department of Energy/LG Electronics	Durability of High Temperature Heat Exchanger Metal Alloys in SOFC Power Systems	03/07/2016	317,238
Singh, Prabhakar	DOE/Department of Energy	Development of Chromium and Sulfur Getter with for SOFC System: Demonstration at TRL-5	03/09/2016	500,000
Lee, Seok-Woo	NASA/National Aeronautics and Space Administration	Development of Small-Volume, High-Precision, and Long-Lifetime Cryogenic Linear Actuators by Using Novel Intermetallic Compounds	03/28/2016	586,648
Nakhmanson, Serge M	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	E2CDA: Type II: Collaborative Research: Energy-Efficient Nanodomain-Wall Electronics	03/24/2016	241,474
<b>Mechanical Engineering</b>			<b>25 Proposals</b>	<b>\$9,717,323</b>
Ladani, Leila	NSF/National Science Foundation	Multi-Scale Manufacturing of Multi-Functional Composite Materials	03/28/2016	200,000
Tasoglu, Savas	American Cancer Society, Inc.	High-Throughput Image Cytometry: Real-Time Monitoring Cancer Cells and Early Detection	03/23/2016	729,000
Tasoglu, Savas	Connecticut Innovations	Magnetic Portable Device for Medical Diagnostics	03/21/2016	500,000
Tasoglu, Savas	Bladder Cancer Advocacy Network	Low-Cost Standalone Device for Label-Free Circulating Tumor Cell Detection in Patients with Bladder Cancer	03/14/2016	50,000
Jordan, Eric H	United Technologies-Pratt & Whitney	Direct Heat Flux Measurement of TBC with MW & LW IR Camera	03/10/2016	75,000
Tasoglu, Savas	PHS/National Institutes of Health	Portable 3D Printed Device for Digital Sickle Cell Monitoring	03/07/2016	149,092
Chiu, Wilson K	DOE/Department of Energy	Three-Dimensional Imaging and Characterization of Complex Microstructures: From Measured Properties to Performance	02/19/2016	451,230
Chen, Xu	NSF/ENG/Directorate for Engineering	GOALL: Design, Modeling, and Control of Carbon-Monoxide-Laser-Based Power Bed Fusion	02/11/2016	300,000

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Ilies, Horea T	NSF/National Science Foundation	Systematic Design, Analysis and Control of Manufacturable Nano Machines	02/11/2016	560,846
Cao, Chengyu	NSF/National Science Foundation	Collaborative Research: An Inchworm-Inspired Novel Optical Fiber Robot Utilizing Filtered High-Gain Control Architecture	02/11/2016	797,047
Cao, Chengyu	NSF/National Science Foundation	Collaborative Research: Fundamental Research on a Non-Contact Adaptive Sensing Mechanism Using Optically Driven Acoustic Waves for Real Time Fluid Property Distribution Measurement	02/11/2016	119,926
Tasoglu, Savas	NSF/ENG/Directorate for Engineering	Guided Micro-Assembly for Advanced Manufacturing of Soft Living and Hybrid Functional Materials	02/10/2016	454,286
Norato Escobar, Julian A	NSF/ENG/Directorate for Engineering	Computational Design of Programmable Elastic Metamaterials	02/01/2016	266,053
Sung, Chih-Jen	Aviation Industry Corporation of China (AVIC)	Lean-Front-End Combustion Concepts: Survey, Review, and Opportunities	01/28/2016	57,806
Li, Ying	NSF/National Science Foundation	Collaborative Research: Design Phononic Bandgap of Mechano-Electrical Metamaterials in Enabling Harvesting and Vibration Isolation	01/27/2016	150,220
Tang, Jiong	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	BIGDATA: Collaborative Research: IA: From Bytes to Watts - A Big Data Solution to Improve Wind Energy Reliability and Operations	01/26/2016	323,824
Tasoglu, Savas	PHS/National Institutes of Health	Developing a Platform for Inexpensive, Rapid, and Reliable Cancer Tissue Diagnosis	01/25/2016	299,172
Tang, Jiong	DOD/Air Force Research Laboratory/National Center for Defense Manufacturing and Machining	Defense-Wide Manufacturing Science and Technology Program (DMS&T)	01/21/2016	800,167
Sung, Chih-Jen	DOD/Department of the Army/Spectral Energies, LLC	Enabling Realistic and Useful Modeling of Turbulence-Flame Interactions in Aeropropulsion Simulations	01/19/2016	45,000
Pasaogullari, Ugur	DOE/Department of Energy	Filling Gaps in PEM Fuel Cell Contamination: Undocumented Species, Predictive Correlations and Impact of Real-Life Operation	01/14/2016	
Nguyen, Thanh D	PHS/National Institutes of Health	Force-Induced Nerve Regeneration	01/14/2016	423,651
Tang, Jiong	NSF/BIO/Directorate for Biological Sciences	EFRI NewLAW: Dual-field Electro-Mechanical Tailoring of Acoustic Wave Propagation in Structures Enabled by Additive Manufacturing	01/12/2016	2,000,000
Jordan, Eric H	United Technologies-Pratt & Whitney	Gradient Rig Testing Simulation of CMAS Damage Progression	01/11/2016	150,000
Tang, Jiong	United Technologies-Pratt & Whitney	Composites Manufacturing and Testing Technology	01/08/2016	65,003
Tasoglu, Savas	Beckman (Arnold and Mabel) Foundation	Levitational Image Cytometry for Real-Time Interrogation and Monitoring of Cells	01/05/2016	750,000
<b>School of Fine Arts</b>			<b>1 Proposals</b>	<b>\$179,805</b>
<b>School of Fine Arts</b>			<b>1 Proposals</b>	<b>\$179,805</b>
Stephens, Robert W	NEH/National Endowment for the Humanities	Gullah Voices: Traditions and Transformations	02/22/2016	179,805
<b>School of Nursing</b>			<b>10 Proposals</b>	<b>\$9,158,329</b>
<b>School of Nursing</b>			<b>10 Proposals</b>	<b>\$9,158,329</b>
Young, Erin E	Allen Foundation	Genetic Determinants of Inflammatory Hypersensitivity	01/14/2016	50,000
McGrath, Jacqueline M	DHHS/HRSA/Health Resources and Services Administration	UConn Innovation at Work: Scholarships for Disadvantaged Students	01/20/2016	2,583,000
Judge, Michelle P	Academy of Nutrition and Dietetics Foundation	Association Between Dietary Omega-3 Fatty Acid Intake Patterns and Psychoneurological Symptoms in Women Following Treatment for Early-Stage Breast Cancer	03/30/2016	5,000
Shellman, Juliette M	DHHS/HRSA/Health Resources and Services Administration	Community Academic Practice Partnership (CAPP-BSN)	01/18/2016	552,448

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Judge, Michelle P	University of CT Health Center	Role of Long Chain Omega-3 Fatty Acids in Reducing Inflammatory Load, Psychoneurological Symptoms and Expression of Lipogenic Genes in Women Following Treatment for Early-Stage Breast Cancer	02/19/2016	89,545
Lucas, Ruth F	University of CT Health Center	Measuring Neonatal Microstructure During Breastfeeding in Clinical and Home Settings	02/17/2016	81,741
Alexander, Ivy M	DHHS/HRSA/Health Resources and Services Administration	UConn 2016-2017: Advanced Education Nursing Traineeship (AENT) Program	02/11/2016	344,100
Starkweather, Angela R	PHS/NIH/National Institute of Nursing Research	Personalized Symptom Management to Reduce Persistent Pain After Cancer Treatment	01/28/2016	2,103,545
Alexander, Ivy M	DHHS/HRSA/Health Resources and Services Administration	Innovative Clinical-Academic Partnership to Enhance Graduate NP Preparation for Practice	01/14/2016	1,690,873
Starkweather, Angela R	PHS/National Institutes of Health	Pain Sensitivity in Low Back Pain	03/03/2016	1,658,077
<b>School of Pharmacy</b>			<b>17 Proposals</b>	<b>\$5,581,037</b>
<b>Pharmaceutical Sciences</b>			<b>15 Proposals</b>	<b>\$5,528,468</b>
Pikal, Michael J	PHS/National Institutes of Health/Physical Sciences, Inc	New PAT Tool for Assessing Lyophilization Drying Heterogeneity	03/21/2016	200,000
Zhong, Xiaobo	American Foundation for Pharmaceutical Education	Short- and Long-Term Alterations of Genes Involved in Pharmacokinetics in Response to Drug Exposure in Early Development	01/12/2016	10,000
Kalonia, Devendra S	Pharmaceutical Research and Manufacturing of America (PhRMA)	Characterizing Surface Hydrophobicity of Protein Molecules and the Role it Plays in Protein-Protein Interactions	01/12/2016	40,000
Burgess, Diane J	Juvenile Diabetes Research Foundation/University of Montpellier	Root Cause Determination of Catheter Obstructions	03/03/2016	149,955
Shen, Jie	American Association of Pharmaceutical Scientists	Influence of the Liposome Particle Size on Brain Drug Delivery	02/29/2016	40,000
Chaudhuri, Bodhisattwa	DHHS/CDC/National Institute for Occupational Safety and Health	The Occupational Health and Safety Implications of Carbon Nanotube Manufacturing	02/24/2016	1,527,911
Wright, Dennis	PHS/National Institutes of Health/University of CT Health Center	Mechanisms of Intermediate Filament Regulation in Ocular Repair	02/23/2016	39,500
Hadden, Kyle	American Chemical Society/Petroleum Research Fund	Repurposing Itraconazole as an Anticancer Chemotherapeutic	02/23/2016	26,600
Hadden, Kyle	American Foundation for Pharmaceutical Education	Translesion Synthesis Inhibitors as Anti-Cancer Adjuvant Agents	02/19/2016	5,000
Burgess, Diane J	American Association of Pharmaceutical Scientists	Formulation Design and Evaluation of Amorphous and Crystalline Nanoparticles	02/19/2016	10,000
Kendall, Debra A	PHS/National Institutes of Health	Revealing the Roles of CB1 Conformation and Phosphorylation in its Biased Signaling	02/18/2016	457,980
Hadden, Kyle	PHS/NIH/National Cancer Institute	Identification of Small Molecule Scaffolds that Modulate ATRX Function	02/18/2016	158,000
Wright, Dennis	PHS/National Institutes of Health	New Therapeutic Agents for the Treatment of Leukemia	02/01/2016	2,180,393
Burgess, Diane J	Eli Lilly and Company	Enhancing Oral Bioavailability of Biologics using a Nano-Sized Hollow Molecule	01/27/2016	433,130
Balunas, Marcy J	American Association for Cancer Research	Probing Epigenetic Modulation of Metastatic Triple-negative Breast Cancer	01/13/2016	249,999
<b>Pharmacy Practice</b>			<b>2 Proposals</b>	<b>\$52,569</b>
White, Charles M	Native Cardiovascular/Purdue University	A Pilot Study to Determine the Effect of Direct Atrial Myocardial Administration of Antiarrhythmic Drugs on Atrial Defibrillation Threshold	03/31/2016	17,569
Jeffery, Sean M	Main Street Community Foundation/Hartford Healthcare, Inc	Senior Care Continuum Expansion	01/22/2016	35,000
<b>School of Social Work</b>			<b>6 Proposals</b>	<b>\$830,527</b>

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
<b>School of Social Work</b>			<b>6 Proposals</b>	<b>\$830,527</b>
James, Amy	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/Connecticut Community for Addiction Recovery	Targeted Capacity Expansion Peer to Peer (TCE-PTP)	02/09/2016	112,498
Kurz, Brenda	Eastern Connecticut Health Network Community Healthcare Foundation	Evaluation for the Paternal Prenatal Early Attachment	01/05/2016	2,000
Ulaszek, Wendy R	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Servi	SAMHSA Treatment Drug Courts	03/23/2016	194,999
Parr, Kathryn E	Johnson (Robert Wood) Foundation/RTI International	Child First RCT	03/08/2016	7,638
Ulaszek, Wendy R	State of CT General Assembly	Human Trafficking Project	03/03/2016	49,232
Wilson, Cristina	PHS/NIH/National Institute on Drug Abuse	Strengthening Hispanic Fathers and Decreasing HIV/AIDS Risks and Substance Abuse	02/19/2016	464,160
<b>Academic and Service Programs</b>			<b>2 Proposals</b>	
<b>Student Activities</b>			<b>1 Proposals</b>	
Devivo Brassaw, Gina	Jumpstart, Inc	Jumpstart Program at UConn Storrs	03/16/2016	
<b>VP Graduate Education &amp; Dean</b>			<b>1 Proposals</b>	
Holsinger, Kent E	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Building and Testing a Unified Theory for Evolutionary Assembly of Ecological Communities	01/05/2016	
<b>Vice President for Research</b>			<b>11 Proposals</b>	<b>\$2,631,643</b>
<b>Center for Environmental Sciences and Engineering</b>			<b>1 Proposals</b>	
Willig, Michael R	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Biodiversity Dynamics of Forest Birds in a Fragmented Landscape: A Hierarchical and Multiscale Perspective	01/19/2016	
<b>Center for Health, Intervention and Prevention</b>			<b>3 Proposals</b>	<b>\$748,727</b>
Schwartz, Marlene B	PHS/National Institutes of Health/University of Pennsylvania	The Impact of Sugar-Sweetened Beverage Warning Labels on Consumer Beliefs and Behaviors	01/06/2016	210,617
Harris, Jennifer L	Johnson (Robert Wood) Foundation/Duke University	Evaluating Healthy Kids' Meal Defaults	01/11/2016	74,808
Welch, Garry W	PHS/National Institutes of Health	Telehealth and Diabetes Team Care Strategies to Improve Diabetes Medication Adherence for Patients Seen at Community Health Centers	03/01/2016	463,302
<b>Institute of Materials Science</b>			<b>1 Proposals</b>	<b>\$1,570,640</b>
Burkhard, Peter	PHS/National Institutes of Health/University of Chicago	Adjuvanted SAPN to Prevent Toxoplasmosis	01/21/2016	1,570,640
<b>Sea Grant College Program</b>			<b>6 Proposals</b>	<b>\$312,276</b>
Payne, Diana L	Consortium for Ocean Leadership	Support for 2016 Quahog Bowl, The CT-RI Regional Competition for the National Ocean Sciences Bowl	02/12/2016	9,000
Payne, Diana L	National Marine Sanctuary Foundation	Evaluation of the NOAA Teacher at Sea Program	02/23/2016	45,309
Deguisse, Sylvain	DOC/NOAA/Oceanic and Atmospheric Research	Julia Luthringer - 2017 Knauss Marine Policy Fellowship	03/25/2016	56,500
Deguisse, Sylvain	DOC/NOAA/Oceanic and Atmospheric Research	Jason Zylberman - 2017 Knauss Marine Policy Fellowship	03/25/2016	56,500
Deguisse, Sylvain	DOC/NOAA/Oceanic and Atmospheric Research	Ariana Spawn - 2017 Knauss Marine Policy Fellowship	03/25/2016	56,500

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Deguise, Sylvain	Environmental Protection Agency/State University of New York	New York Sea Grant Support to Connecticut Sea Grant as Partial Support for EPA LISS Research Project R/CTP-51-CTNY (Altabet)	02/10/2016	88,467
<b>University of Connecticut - Storrs &amp; Regional</b>			<b>395 Proposals</b>	<b>\$181,499,495</b>
<b>School of Dental Medicine</b>			<b>20 Proposals</b>	<b>\$12,516,973</b>
<b>Craniofacial Sciences</b>			<b>1 Proposals</b>	<b>\$712,014</b>
Mina, Mina	Health Resources and Services Administration/DHHS	Postdoctoral Training in General, Pediatric and Public Health Dentistry and Dental Hygiene	03/11/2016	712,014
<b>Oral Health and Diagnostic Sciences</b>			<b>11 Proposals</b>	<b>\$7,794,970</b>
Peterson, Douglas E	DHHS/NIH/National Institutes of Health	University of Connecticut Center for Advancing the Management of Pain NIH Center for Excellence for Pain Education(UConn Campus). Award No. 106749/Prime: HHSN271201500087C	02/16/2016	12,936
Chen, I-Ping	DHHS/NIH/National Institutes of Health	Dimethyl sulfoxide as a treatment of osteoclast defects of craniometaphyseal dysplasia	02/01/2016	438,625
Litt, Mark D	DHHS/NIH/National Institutes of Health	Individualized Assessment and Treatment for Marijuana Dependence: Treatment Mechanisms Parent Log #20120280. Award No. 4R01DA012728-14	01/06/2016	563,303
Reisine, Susan T	DHHS/NIH/National Institutes of Health	Good Oral Health: a Bi-level Intervention to Improve Older Adult Oral Health	02/10/2016	72,158
Ioannidou, Efthimia	DHHS/NIH/National Institutes of Health	Global comparative effectiveness of non-surgical periodontal therapies	02/02/2016	269,512
Peterson, Douglas E	DHHS/NIH/National Institutes of Health	Developing a Translational Mouse Model of Chemotherapy-Induced oral Mucositis	02/22/2016	8,332
Aseltine, Robert H.	DHHS/NIH/National Institutes of Health	Improving the Identification and Management of Patients at Risk of Suicide	03/02/2016	4,694,794
Ioannidou, Efthimia	DHHS/NIH/National Institutes of Health	Novel Paradigm to improve inflammatory burden in ESRD	03/11/2016	438,625
Dongari-Bagtzoglou, Anna I	DHHS/NIH/National Institutes of Health	Oral Epithelial Cells, Candida and PMN Activation	03/14/2016	398,750
Lalla, Rajesh V	DHHS/NIH/National Institutes of Health	Clinical Registry of Dental Outcomes in Head and Neck Cancer Patients	03/28/2016	289,649
Wagner, Julie A.	DHHS/NIH/National Institutes of Health	New Proposal Created for Tracy Root on 30-Mar-2016 12:08:35 PM	03/30/2016	608,286
<b>Reconstructive Sciences</b>			<b>8 Proposals</b>	<b>\$4,009,989</b>
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	Anti TNF-alpha approach to treat Osteogenesis Imperfecta. Parent Log # 20140469 Award No. 5R21AR066218-02	01/13/2016	210,540
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	Growth factor based enhancement of bone repair	02/01/2016	1,987,800
Bayarsaihan, Dashzeveg	DHHS/NIH/National Institutes of Health	Regulatory mechanisms associated with haploinsufficiency at 7q11.23 region	02/02/2016	438,625
Kuhn, Liisa T	DHHS/NIH/National Institutes of Health	Engineering embryonic-like bone matrix for bone regeneration	02/05/2016	443,229
Rowe, David W	DHHS/NIH/National Institutes of Health	Use of iPS-derived osteoblast and osteoclasts to discriminate between candidate genes obtained by WES as a contributor to human bone disease.	02/10/2016	452,545
Rowe, David W	DHHS/NIH/National Institutes of Health	Targeted Correction of Dominant Mutations of Type I Collagen Causing Severe OI (Parent Log #20120461)	02/11/2016	327,250
Maye, Peter F	University of Connecticut Health Center	Cherubism and TGFb Signaling	03/22/2016	25,000
Kuhn, Liisa T	DHHS/NIH/National Institutes of Health	Translating hESC-derived matrix to a bone graft product	03/28/2016	125,000
<b>School of Medicine</b>			<b>177 Proposals</b>	<b>\$121,260,982</b>
<b>Calhoun Cardiology Center - CCC</b>			<b>2 Proposals</b>	<b>\$167,102</b>
Yu, Albert	American Heart Association	TRPM2 mediated inflammation in cardiovascular disease	01/06/2016	51,900

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Hinson, John Travis	DHHS/NIH/National Institutes of Health	Metabolic and Developmental Regulation by AMPK in PRKAG2-associated cardiomyopathy	03/10/2016	115,202
<b>Cell Biology</b>			<b>24 Proposals</b>	<b>\$15,502,043</b>
Smilowitz, Henry M	DHHS/NIH/National Institutes of Health	Biocompatible, biodegradable contrast agents for vulnerable plaque	01/05/2016	70,371
Smilowitz, Henry M	DHHS/NIH/National Institutes of Health	Iodine Nanoparticles to Overcome Contrast-Induced Nephropathy	01/04/2016	66,661
Smilowitz, Henry M	Pardee (Elsa U.) Foundation	Magnetic Nanoparticle Thermal Ablation of Head and Neck Cancer	01/20/2016	149,470
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Cell-targeted RNA Therapies for Metastatic Castration Resistant Prostate Cancer	01/15/2016	625,000
Laubenbacher, Reinhard	DOD/Army/Army Medical Research Acquisition Activity	Biomathematics - Canalization: a fundamental design principle of gene regulatory networks. Parent Log # 20130568 Award No. W911NF-14-1-0486	01/08/2016	50,000
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Endocytic Regulation of Inflammation	03/30/2016	408,209
Smilowitz, Henry M	Nanopros, Inc.	Magnetic Nanoparticle Hyperthermia to Treat Recurrent Head and Neck Cancers	03/30/2016	60,883
Loew, Leslie M	DHHS/NIH/National Institutes of Health	Development of gadolinium-based voltage-sensitive MRI contrast agent and T1 imaging-base fMRI	03/21/2016	262,118
Smilowitz, Henry M	DHHS/NIH/National Institutes of Health	Activation of Toll Like Receptors by modulation of Endogenous metabolite-A Novel Immunotherapeutic Approach	03/17/2016	66,984
Laubenbacher, Reinhard	U.S. Army	Biomathematics - Canalization: a fundamental design principle of gene regulatory networks. Parent Log # 20130568 Award No. W911NF-14-1-0486-P00003	03/08/2016	70,000
Laubenbacher, Reinhard	DHHS/NIH/National Institutes of Health	Big Genomic Data Skills Training for Graduate Professors	03/08/2016	14,311
Jaffe, Laurinda A	ImpactAssets	(title modified) Physiological Functions of the NPR2 Guanylyl Cyclase(Leia Shuhaibar-Postdoc.Scholar).	03/03/2016	164,938
Slepchenko, Boris M	DHHS/NIH/National Institutes of Health	Molecular Mechanisms of Cellular Motility	02/24/2016	106,305
Loew, Leslie M	DHHS/NIH/National Institutes of Health	National Resources for Cell Analysis and Modeling	02/24/2016	1,470,743
Yue, Lixia	DHHS/NIH/National Institutes of Health	Towards a systems-level understanding of developmental control of the sinoatrial node	02/23/2016	225,881
Rodionov, Vladimir I	DHHS/NIH/National Institutes of Health	Regulation of intracellular transport	02/23/2016	2,628,745
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Immune Evasion in Embryonic Stem Cell-based Tissue Repair and Transplantation Parent Log #20140487	02/16/2016	463,453
Mehlmann, Lisa M	DHHS/NIH/National Institutes of Health	Acquisition of meiotic and developmental competence in mouse oocytes	02/08/2016	1,949,521
Yue, Lixia	DHHS/NIH/National Institutes of Health	Towards a systems-level understanding of developmental control of the sinoatrial node	02/05/2016	205,130
Pachter, Joel S.	DHHS/NIH/National Institutes of Health	Regulation of CNS leukocyte extravasation	02/04/2016	2,310,903
Pachter, Joel S.	National Multiple Sclerosis Society	Extracellular vesicles and hES-MSCs as novel tools to aid in the diagnosis & treatment of secondary progressive disease	01/28/2016	706,785
Egbert, Jeremy R.	DHHS/NIH/National Institutes of Health	Mechanisms of LH receptor signaling	01/28/2016	1,058,554
Shapiro, Linda H	Connecticut Children's Medical Center	Ferrer/Shapiro Research Support - Postdoc (TBD). Award No. 16-178557-01	01/28/2016	55,033
Jaffe, Laurinda A	DHHS/NIH/National Institutes of Health	Signal Transduction at Fertilization	01/21/2016	2,312,045
<b>Center for Quantitative Medicine</b>			<b>1 Proposals</b>	<b>\$175,500</b>
Konstorum, Anna	Cancer Research Institute, Inc.	Multiscale modeling of synergistic T cell activation for cancer immunotherapy	03/14/2016	175,500

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



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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
<b>Community Medicine and Health Care</b>			<b>13 Proposals</b>	<b>\$4,591,603</b>
Babor, Thomas F	DHHS/NIH/National Institutes of Health	Public Health Surveillance of Commercial Marketing Linked to NCD Risk Factors	02/24/2016	398,750
Bruder, Mary Beth	DHHS/NIH/National Institutes of Health	Personal Interests, Social Participation, and the Well-Being of Individuals with Disabilities	02/19/2016	225,000
Tennen, Howard A	DHHS/NIH/National Institutes of Health	Racial/Ethnic Differences in Daily Dynamics of PTSD, Eexual-Risk & Substance Use. Award No. M12A11188 (A08462) / P: 5R01DA031275-05	02/18/2016	58,435
McRee, Bonnie G.	Substance Abuse & Mental Health Services Administration	CT SBIRT Health Professions Student Training Program (continuation year 2)	02/17/2016	354,620
Schensul, Stephen L	DHHS/NIH/National Institutes of Health	Identifying Contributing Factors to the Progression of Chronic Kidney Disease of Unknown Etiology in Sri Lanka	02/11/2016	113,971
Bruder, Mary Beth	DHHS/NIH/National Institutes of Health	The Connecticut Leadership Education in Neurodevelopmental and Other Related Disabilities Program (CT LEND)	02/03/2016	2,500,000
Kuo, Chia-Ling	American Pain Society	Genetic Determinants of Inflammatory Hypersensitivity	01/12/2016	30,217
Cavallari, Jennifer	National Institute for Occupational Safety & Health/CDC/DHHS	Multi Level Predictors of Leisure Time and Work Time Physical Activity Among Firefighters	01/06/2016	11,000
Cavallari, Jennifer	National Institute for Occupational Safety & Health/CDC/DHHS	An Integrated Approach to Hearing Preservation Among Construction Workers	03/23/2016	108,000
Cavallari, Jennifer	National Institute for Occupational Safety & Health/CDC/DHHS	Randomized Controlled Trial of Whole Body Vibration Intervention in Truck Driver	03/17/2016	37,610
Bruder, Mary Beth	DHHS/ACL/Administration for Community Living	UCONN A.J. Papanikou Center for Excellence in Developmental Disabilities Education, Research and Service	03/14/2016	547,000
Cavallari, Jennifer	National Institute for Occupational Safety & Health/CDC/DHHS	Occupational Health Psychology	03/09/2016	7,000
Bruder, Mary Beth	Department of Education	National Center for Early Childhood Personnel	02/25/2016	200,000
<b>Dermatology</b>			<b>2 Proposals</b>	<b>\$91,500</b>
Shahriari, Mona	GlaxoSmithKline	"Study 203121: A Randomized, Blinded, Vehicle-Controlled, Dose-Finding Study of GSK2894512 Cream for the Treatment of Atopic Dermatitis"	03/30/2016	45,750
Shahriari, Mona	GlaxoSmithKline	"Study 203120: A Randomized, Blinded, Vehicle-Controlled, Dose-Finding Study of GSK2894512 Cream for the Treatment of Plaque Psoriasis"	03/29/2016	45,750
<b>Family Medicine</b>			<b>3 Proposals</b>	<b>\$451,618</b>
Wang, Xiaoyan	DHHS/NIH/National Institutes of Health	Personalized Assessment linking Momentary Symptom Clusters to their Management in Cancer Survivors	02/09/2016	431,538
Henderson, David	Gold (Arnold P.) Foundation	The Leonard Tow Humanism in Medicine Award. Award No. ID# LT-16-070	02/05/2016	2,000
Wang, Xiaoyan	DHHS/NIH/National Institutes of Health	Statistical Methods for Health Care Utilization and Costs	01/27/2016	18,080
<b>Genetics and Developmental Biology</b>			<b>16 Proposals</b>	<b>\$34,144,312</b>
Mohler, William A	DHHS/NIH/National Institutes of Health	WormGuides: A resource for Global Understanding of Dynamic Embryonic Systems	02/29/2016	121,736
Carmichael, Gordon G	DHHS/NIH/National Institutes of Health	Cocaine Induced Chromatin Remodeling and its Effect on HIV-1 Sites of Integration and Expression of Host-derived...	02/23/2016	588,236
Wu, Yi	DHHS/NIH/National Institutes of Health	Regulation of invadopodia formation by the Rac-specific GAP a-chimaerin	02/18/2016	19,489
Li, James Y.H	DHHS/NIH/National Institutes of Health	Conserved mechanisms underlying generation of Bergmann glia in the cerebellum and basal radial glia in the neocortex	02/17/2016	2,174,941

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Cotney, Justin	DHHS/NIH/National Institutes of Health	Identification of a Runx1 regulatory network in craniofacial development	02/10/2016	431,398
Li, James Y.H	DHHS/NIH/National Institutes of Health	Molecular mechanisms of differentiation of habenular and thalamic neurons. Parent Log # 20110790 Award No. 4R01MH094914-05	02/09/2016	385,000
Blinov, Michael	DHHS/NIH/National Institutes of Health	Framework for simulation and analysis of dynamic multivalent molecular aggregates	02/04/2016	1,972,446
Yu, Ji	DHHS/NIH/National Institutes of Health	Super-resolution imaging based on reversible labeling	02/01/2016	1,964,383
Mayer, Bruce J	DHHS/NIH/National Institutes of Health	Spatiotemporal dynamics of Crk adaptor activities	01/26/2016	2,246,460
Germain, Noelle	New York Stem Cell Foundation	Analyzing population structure of stem cell-derived neural cultures using single-cell RNA-seq	01/08/2016	105,000
Chamberlain, Stormy J.	DHHS/NIH/National Institutes of Health	Regulation of UBE3A Genomic Imprinting	02/29/2016	2,310,308
Cotney, Justin	National Institute of Dental and Craniofacial Research/NIH/DHHS	Identification of human orofacial enhancers and their role in craniofacial cells	03/07/2016	244,212
Carmichael, Gordon G	DHHS/NIH/National Institutes of Health	Nuclear-retained long noncoding RNA's	03/08/2016	326,940
Chamberlain, Stormy J.	DHHS/NIH/National Institutes of Health	Population-based mapping and functional illustration of chromatin topology structure codes	03/15/2016	44,860
Li, James Y.H	University of Connecticut and University of Connecticut Health Center	Determining the Molecular and Cellular Mechanisms that Govern the Formation of bRG and Folding of the Cortex in a Tractable Model	03/22/2016	25,000
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	Comprehensive Analysis of Functional RNA Elements Encoded in the Human Genome	03/16/2016	21,183,903
<b>Immunology</b>			<b>11 Proposals</b>	<b>\$10,490,155</b>
Clark, Robert B	DHHS/NIH/National Institutes of Health	TLR2 Tolerance in EAE and Multiple Sclerosis	01/29/2016	431,808
Haynes, Laura	DHHS/NIH/National Institutes of Health	Spectrum of Normal and Pathogenic Epithelial Airway Stem Cells	01/27/2016	647,570
Tseng, Alexander	American Heart Association	The impact of immune cells on adipose mesenchymal stem cells in obesity	01/12/2016	51,900
Vella, Anthony T.	DHHS/NIH/National Institutes of Health	How Proinflammatory Cytokines Block T Cell Death in Vivo (Parent Log #20110191) Award No. 4R01AI042858-16	01/12/2016	440,455
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	IRAK4 and Systemic Lupus Erythematosus	01/11/2016	1,993,750
Guha, Amala	International Society for Ayurveda and Health	Integrating Ayurvedic Approaches with Modern Concepts	02/05/2016	1,000
Brocke, Stefan	National Multiple Sclerosis Society	Targeting the PDE8-RKIP-Raf-1 kinase signaling complex to treat EAE and MS	02/09/2016	708,528
Zhou, Beiyan	DHHS/NIH/National Institutes of Health	MicroRNA Regulated Macrophage Polarization in Adipose Tissue Inflammation	02/24/2016	991,039
Vella, Anthony T.	DHHS/NIH/National Institutes of Health	Modulation of Biodefense Responses to Microbial Pathogens (Parent Log No 20130817)	02/26/2016	2,672,002
Haynes, Laura	DHHS/NIH/National Institutes of Health	Aging and Immunity to Infection	03/18/2016	1,952,103
Medvedev, Andrei	Alliance for Lupus Research	IRAK4 and systemic lupus erythematosus	01/11/2016	600,000
<b>Medicine</b>			<b>24 Proposals</b>	<b>\$14,466,139</b>
Fortinsky, Richard H	DHHS/NIH/National Institutes of Health	Community Ambulation Following Hip Fracture. Award No.101855 / Prime: 5R01AG035009-004	03/23/2016	61,933
Delany, Anne M	National Institute of Arthritis and Musculoskeletal and Skin Diseases/NIH/DHHS	Role of MIR29 in Osteoclastogenesis	03/14/2016	347,799
Frallicciardi, Alise	Association of American Medical Colleges	Impact of Just in Time Emergency Department Simulation Training on Medical Student Procedural Performance	03/09/2016	10,000

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Cherniack, Martin G	National Institute for Occupational Safety & Health/CDC/DHHS	Center for the Promotion of Health in the New England Workplace (CPH-NEW)	03/04/2016	25,824
Kuchel, George A	DHHS/NIH/National Institutes of Health	Immunogenomics of Pneumococcal Vaccination	03/03/2016	698,899
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health	Are ACF Surrogate Markers for Chemoprevention?	03/01/2016	382,490
Hurley, Marja M	DHHS/NIH/National Institutes of Health	Growth Factors and Bone Formation in Mice	02/29/2016	1,993,750
Dugan, Alicia	National Institute for Occupational Safety & Health/CDC/DHHS	Development and Implementation of a Healthy Sleep Intervention for Correctional Supervisors Using Participatory Action Research	02/29/2016	11,000
Dieckhaus, Kevin D	Health Resources and Services Administration/DHHS	Ryan White Part A Minority AIDS Initiative (MAI)	02/24/2016	218,062
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Test and Reward High Risk Youth and Young Adults	02/24/2016	3,976,693
Petry, Nancy M	DHHS/NIH/National Institutes of Health	ART Adherence and Secondary Prevention of HIV	02/24/2016	635,156
Gould, Bruce E	Connecticut Health Foundation	CHWs on the SIM CHW Advisory Committee	02/19/2016	24,900
Liang, Bruce T	University of Connecticut	Use of Diversity Outbred Mice to Study Cardiotoxicity of Chemotherapeutic Agents Parent Log # 20140254	02/17/2016	10,000
Dorsky, David I	University of Connecticut Health Center	Use of EBV DNA polymerase for isothermal DNA amplification	02/16/2016	50,000
Petry, Nancy M	DHHS/NIH/National Institutes of Health	A psychotherapy development study for a new addictive disorder	02/09/2016	438,625
Caimano, Melissa J	DHHS/NIH/National Institutes of Health	Identification of genes required by Leptospira interrogans for mammalian host adaptation and/or persistence in the rat	02/03/2016	438,625
Wakai, Sarakei	DHHS/NIH/National Institutes of Health	State Policies for Nutrition and Physical Activity in Schools: A Test of Aggregate and Single Policy Effects on Child...	02/02/2016	159,500
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Reducing Drinking in Methadone Patients	02/01/2016	3,851,366
Radolf, Justin D	DHHS/NIH/National Institutes of Health	Characterization of Treponema Pallidum Rare Outer Membrane Proteins. Parent Log # 20120184 Award No. 4R01AI026756-28	01/28/2016	477,374
Metersky, Mark L.	National Heart, Lung, and Blood Institute/NIH/DHHS	Spectrum of Normal and Pathogenic Epithelial Airway Stem Cells	01/28/2016	179,556
Andemariam, Biree	Health Resources and Services Administration/DHHS	Region Comprehensive Hemophilia Program Subaward	01/26/2016	20,672
Clement, Jessica	Genentech, Inc.	"An Open-Label, Multicenter, Expanded Access Program for MPDL3280A in Patients with PD-L1-Positive Locally Advanced or Metastatic Urothelial Bladder Cancer After Failure with Platinum-Containing Chemotherapy" Protocol number ML29725	01/21/2016	61,050
Andemariam, Biree	DHHS/NIH/National Institutes of Health	HL-Multimodal assessment of pain sensitization in sickle cell disease or MAPSS	01/20/2016	332,865
Morales, Crystal	Burroughs Wellcome Fund	Breaking T cell tolerance with costimulation and adjuvants to foster cancer immunotherapy	01/12/2016	60,000
<b>Molecular Biology &amp; Biophysics</b>			<b>14 Proposals</b>	<b>\$5,902,569</b>
Korzhnev, Dmitry M	DHHS/NIH/National Institutes of Health	Dynamics of Processivity Clamp Proteins in Bacterial DNA Replication	01/07/2016	920,858
King, Stephen M	DHHS/NIH/National Institutes of Health	Molecular Analysis of Flagellar Dynein Function (Parent Log #20120421). Award No. 4R01GM051293-21	01/08/2016	384,294
Hao, Bing	DHHS/NIH/National Institutes of Health	Discovery of in Vivo Chemical Probe Inhibitor of Skp2	01/22/2016	358,875
Setlow, Peter	DHHS/NIH/National Institutes of Health	Mutagenesis Induced by a Unique DNA Photolesion in Endospores	01/25/2016	394,762
Rath, Abhijit	Childs (Jane Coffin) Memorial Fund	The Role of Mismatch Repair Deficiency in Colorectal Cancer Development	01/25/2016	104,000
Hao, Bing	DHHS/NIH/National Institutes of Health	Structural studies of substrate recognition and specificity by the SCF ubiquitin ligases (Parent Log # 20110516)	02/02/2016	290,985

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Role of viral and cellular recombination proteins in HSV DNA replication Parent Log # 20110187. Award No. 4R01AI069136-10	01/06/2016	342,291
Setlow, Peter	VA/Louis Stokes Cleveland VA Medical Center	Unlocking the Sporicidal Potential of Alcohol Against Clostridium Difficile	02/18/2016	60,000
Schuyler, Adam D	DHHS/NIH/National Institutes of Health	Optimization of Novel Pyranapyridine Efflux Inhibitors. Parent Log # 20150438 Award No.PA #89589-1 / Prime: 5R44AI100332-04	02/25/2016	6,046
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health	The Molecular Determinants of Zinc Uptake Mediated by HZIP4. Parent Log # 20130163. Award No. 15-210780-00 Amnd. 1 /5R01GM105964-02	02/25/2016	27,358
Bezsonova, Irina	American Cancer Society, Inc.	How to rescue a tumor suppressor	03/16/2016	792,000
Setlow, Peter	National Science Foundation	Improvement of Food Safety and Security from the Understanding of DNA Photobiology in Bacillus Cereus Spores	03/16/2016	463,781
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health	Center for Biomolecular NMR Data Processing and Analysis	03/28/2016	1,318,694
Carson, John H	DHHS/NIH/National Institutes of Health	Pathogenic consequences of CGG repeat deletion in the FMR1 gene	02/09/2016	438,625
<b>Neuroscience</b>			<b>15 Proposals</b>	<b>\$7,551,473</b>
Yeh, Mason L.	New York Stem Cell Foundation	Use of stem cell-derived organoids to model neocortical development in dup15q autism patients	01/07/2016	105,000
Crocker, Stephen J.	DHHS/NIH/National Institutes of Health	Proteomic and Functional analyses of Astrocyte Exosomes. Parent Log # 20140476 Award No. 5R21NS087578-02	01/07/2016	197,170
Li, Xuejun	Muscular Dystrophy Association	Role of Mitochondria in the specific degeneration of human motor neurons in SMA	01/20/2016	280,500
Antic, Srdjan D	DHHS/NIH/National Institutes of Health	Near-Infrared Genetically Encoded voltage Indicators (NIR-GEVIs) for All Optical Electrophysiology (AOE)	01/26/2016	882,494
Chen, Bojun	DHHS/NIH/National Institutes of Health	Novel Proteins Regulating Function and Expression of SLO-2 Potassium Channels. Parent Log # 20140534 Award No. 5R01GM113004-02	01/28/2016	307,038
Levine, Eric S	DHHS/NIH/National Institutes of Health	BDNF-Endocannabinoid Interactions in the Cerebral Cortex	01/28/2016	382,811
Crocker, Stephen J.	DHHS/NIH/National Institutes of Health	Regulation of Microgliosis in Globoid Cell Leukodystrophy	01/29/2016	2,379,679
Crocker, Stephen J.	National Multiple Sclerosis Society	Evaluating the Endogenous Myelinating Potential of Neural Progenitors in MS using Patient Induced Pluripotent	02/10/2016	666,375
Zecevic, Nada R	DHHS/NIH/National Institutes of Health	Origin of Cortical Species - Specific Distinctions	02/16/2016	67,500
Verma, Rajkumar	Brain and Behavior Research Foundation	Targeting post stroke depression in aged mice	02/17/2016	70,000
Wang, Zhao-Wen	DHHS/NIH/National Institutes of Health	Synaptic Function of BK Channel-interacting proteins	02/29/2016	398,750
Mohan, Royce	DHHS/NIH/National Institutes of Health	Mechanisms of Intermediate Filament Regulation in Ocular Repair	03/01/2016	1,606,136
Levine, Eric S	Simons Foundation	Hyperexcitability in Human Stem Cell-Derived Neurons From 15q Duplication Syndrome Patients	03/23/2016	70,000
Sirois, Carissa	DHHS/NIH/National Institutes of Health	Contribution of Individual UBE3A Protein Isoforms to the Phenotype of Angelman Syndrome Neurons	03/30/2016	126,057
Vishwanatha, Kuruthihalli S	DHHS/NIH/National Institute on Drug Abuse	Role of O-glycosylation in stability, secretion and receptor endocytosis: POMC and opioid receptors	03/28/2016	11,963
<b>Orthopaedic Surgery</b>			<b>19 Proposals</b>	<b>\$15,260,354</b>
Nukavarapu, Syam	National Science Foundation	Biomedical Science and Engineering Summer School	03/28/2016	49,729
Khan, Yusuf M	Department of Defense	Functionalized allograft for large scale bone defect healing. Parent Log # 20120494 Award No. PA #54081 Amnd 3/DoD W81XWH-14-2-0003	01/11/2016	86,313

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Drissi, M. Hicham	DHHS/NIH/National Institutes of Health	Runx1 Control of Bone Resorption during Fracture Repair	03/01/2016	100,000
Mazzocca, Augustus	Arthrex, Inc.	BioComposite (FiberLive) Screw Study	02/29/2016	3,394
Mazzocca, Augustus	Arthrex, Inc.	Flexigraft and Fibrin Clot Growth Factor Release Study - PILOT	02/29/2016	5,249
Sanjay, Archana	DHHS/NIH/National Institutes of Health	Regulation of Osteoclast Function: Role of Cbl PI3K Complex	02/25/2016	2,295,446
Canalis, Ernesto	DHHS/NIH/National Institutes of Health	Mechanisms of Notch Action in Bone (Parent Log No 20140317)	02/23/2016	354,888
Canalis, Ernesto	DHHS/NIH/National Institutes of Health	Role of Notch Signaling in Osteocytes (Parent Log # 20140318)	02/23/2016	338,849
Kumbar, Sangamesh G.	DHHS/NIH/National Institutes of Health	Biodegradable Matrices for Bone Healing	02/22/2016	1,968,724
Drissi, M. Hicham	DHHS/NIH/National Institutes of Health	Scaffoldless stem cell approach for joint cartilage regeneration	02/11/2016	2,006,949
Laurencin, Cato	DHHS/NIH/National Institutes of Health	Force-Induced Nerve Regeneration	02/11/2016	79,796
Kumbar, Sangamesh G.	Stevens Institute of Technology	Micro-Nano Matrices for Bone Healing	02/09/2016	239,250
Nukavarapu, Syam	DHHS/NIH/National Institutes of Health	Autologous Biomaterial and Stem Cells for Bedside Tissue Engineering	02/09/2016	438,625
Canalis, Ernesto	DHHS/NIH/National Institutes of Health	Mechanisms of Notch Action in Bone	02/05/2016	99,957
Kumbar, Sangamesh G.	DHHS/NIH/National Institutes of Health	Creating Biodegradable Conducting Polymeric Implants	01/29/2016	445,965
Adams, Douglas J	DHHS/NIH/National Institutes of Health	Identification of Genes Regulating Bone Matrix Composition and Quality	01/29/2016	2,838,406
Nukavarapu, Syam	DHHS/NIH/National Institutes of Health	Unique Matrix Platform for an Integrated Bone Cartilage Interface Regeneration	01/19/2016	1,975,095
Lieberman, Rich	New York Stem Cell Foundation	Regulation of the NMDA NR2A Subunit in Human Neural Cells Following Withdrawal from Alcohol	01/11/2016	105,000
Khan, Yusuf M	DHHS/NIH/National Institutes of Health	Acoustic Radiation Force as a Stimulus for Hydrogel-Mediated Bone Repair	03/07/2016	1,828,719
<b>Pediatrics</b>			<b>13 Proposals</b>	<b>\$1,958,699</b>
Chadwick, Jeanne	DHHS/NIH/National Institutes of Health	Feasibility of Mindfulness-based Stress Reduction (MBSR) to treat low SES, inner-city Mothers caring for Children with Autism Spectrum Disorder (ASD)	02/09/2016	621,039
Briere, Carrie-Ellen	L'Oreal USA	Characterization and Differentiation of Breastmilk Stem Cells and their Influence on Preterm Infant Intestinal Health	01/26/2016	20,000
Ferrer, Fernando	Strike 3 Foundation	Breakthrough Therapies Targeting Solid Tumors. Award No. 15-180318-01	01/04/2016	23,148
Tang-Schomer, Min	DHHS/NIH/National Institutes of Health	Developing Three-Dimensional Patient-Derived Brain Tumor Models for Long-Term Drug Efficacy Assays	03/11/2016	455,743
Finck, Christine M.	DHHS/NIH/National Institutes of Health	A Novel Approach to 3D Esophageal Tissue Engineering	03/09/2016	454,222
Salazar, Juan C.	Health Resources and Services Administration/DHHS	Women Infant Children and Youth - HIV Services Connection Consortium	03/01/2016	331,902
Salazar, Juan C.	Connecticut Health and Educational Facilities Authority (CHEFA)	Hartford Youth HIV Identification and Linkage Consortium (HYHIL) - Community Health, Education, and Training. Parent Log # 20140608 Award No. 15-180293-01-01	02/29/2016	2,645
Pappagallo, Mariann	Mallinckrodt (Edward Jr.) Foundation	Symposium on Neonatal Advances: Update on Respiratory Practices	02/25/2016	10,000
Pappagallo, Mariann	Chiesi USA	Symposium on Neonatal Advances: Update on Respiratory Practices	02/24/2016	10,000
Salazar, Juan C.	Health Resources and Services Administration/DHHS	Ryan White A. Parent Log # 20150033 Award No. SUB: 15-179377-01-01 / Prime: HHS 2015-16R	02/24/2016	10,000
Salazar, Juan C.	Health Resources and Services Administration/DHHS	Ryan White A	02/23/2016	0
Salazar, Juan C.	DHHS/NIH/National Institutes of Health	Hartford Teenage Pregnancy Prevention Initiative (HTPP) Community Mobilization	02/16/2016	5,000

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Salazar, Juan C.	DHHS/NIH/National Institutes of Health	Hartford Teenage Pregnancy Prevention Initiative (HTTP)/Evidence Based Intervention Partners	02/16/2016	15,000
<b>Psychiatry</b>			<b>11 Proposals</b>	<b>\$6,183,466</b>
Ginsburg, Golda	DHHS/NIH/National Institutes of Health	2/2 Unified Treatment of Adolescent Emotional Disorders in Community Clinics	03/31/2016	38,301
Ginsburg, Golda	DHHS/NIH/National Institutes of Health	Child Anxiety Prevention Study Long Term Extension - CAPSLE	03/30/2016	63,993
Bauer, Lance Owen	DHHS/NIH/National Institutes of Health	Contrave for Weight Loss in African-American Women: Efficacy and Moderation	01/11/2016	438,625
Grasso, Damion	DHHS/NIH/National Institutes of Health	Early Life Mechanisms of Intergenerational Transmission of Trauma-Related Risk in Offspring: Epigenetic and Neurodevelopmental Pathways	01/26/2016	447,235
Grasso, Damion	Connecticut Children's Medical Center	Supporting Injury Prevention Center Research. Award No. 16-178520-01	01/28/2016	24,932
Barry, Lisa Cataldi	DHHS/NIH/National Institutes of Health	Aging Inmates' Suicidal Ideation and Depression (Aging INSIDE) Study	02/02/2016	1,993,750
Ginsburg, Golda	DHHS/NIH/National Institutes of Health	Enhancing the Capacity of Primary Care Providers: An Effectiveness Trial of the Anxiety Action Plan	02/05/2016	2,804,819
Steffens, David C.	DHHS/NIH/National Institutes of Health	Dorsal Cingulate Activity and Cognitive Decline in Late-Life Depression	02/19/2016	210,000
Briggs-Gowan, Margaret	DHHS/NIH/National Institutes of Health	Dimensions of Early Temper Loss Concern: Clinical Utility & Mechanisms	03/07/2016	109,941
Ford, Julian D	Child Health and Development Institute of Connecticut	Consulting Agreement with CHDI	03/08/2016	3,000
Kamath, Jayesh	Janssen Scientific Affairs, LLC	Protocol R092670SCH4043 "A 12-Month Randomized, Open-Label Study of Caregiver Psycho-education and Skills Training in Patients Recently Diagnosed with Schizophrenia, Schizoaffective Disorder, or Schizophreniform Disorder and Disorder and Receiving Paliperidone Palmitate or Oral Antipsychotic Treatment"	03/29/2016	48,870
<b>Surgery</b>			<b>9 Proposals</b>	<b>\$4,324,449</b>
Taylor, John A	CicloMed	Ciclopirox and Bladder Cancer	01/20/2016	62,182
Kreutzer, Don L	Juvenile Diabetes Foundation	Biomarkers of T1D Disease Progression	01/25/2016	110,000
Maulik, Nilanjana	DHHS/NIH/National Institutes of Health	Angiogenic Regulators in Ischemic Disorders (Parent Log #20140712). Award No. 5R01GM112957-02	02/16/2016	399,913
Smith, Phillip	DHHS/NIH/National Institutes of Health	Regulatory Mechanisms in a Homeostatic Model of Geriatric Voiding Problems & Incontinence	02/17/2016	646,772
Stevenson, Christina	Society of Surgical Oncology Foundation	Screening Ultrasounds for Breast Density and the Impact of the Connecticut Notification Law	01/07/2016	25,000
Parham, Kourosh	Department of Defense	Prestin, A Motor Protein of the Inner Ear Outer Hair Cells, As a Biomarker of Hearing Loss in Circulation	03/14/2016	1,411,922
Choudhary, Dharamainder	DHHS/NIH/National Institutes of Health	Electrocatalytic Studies of Toxic Pollutant Activation	03/28/2016	48,662
Naples, James G.	American Neurotology Society	Inner Ear Biomarkers: A Novel Indicator of Early Inner Ear Damage	01/20/2016	25,000
Kreutzer, Don L	DHHS/NIH/National Institutes of Health	Biomarkers for T1D Diabetic Foot Ulcers	02/29/2016	1,594,998
<b>Other UConn Health</b>			<b>1 Proposals</b>	<b>\$8,000</b>
<b>Other UConn Health</b>			<b>1 Proposals</b>	<b>\$8,000</b>
Curreri, Joseph	Department of Justice	2015 JAG Violent Crime Prevention (VCP) Grant. Award No. 12JAGSTA_VCP_UHC / P: 2012-DJ-BX-0504	01/07/2016	8,000
<b>University of Connecticut Health</b>			<b>198 Proposals</b>	<b>\$133,785,955</b>
<b>Grand Total</b>			<b>593 Proposals</b>	<b>\$315,285,450</b>

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



## Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
<b>College of Agriculture, Health and Natural Resources</b>			<b>50 Proposals</b>	<b>\$14,333,207</b>
<b>Agricultural and Resource Economics</b>			<b>3 Proposals</b>	<b>\$691,539</b>
Bravo-Ureta, Boris E	Michigan State University	BHEARD Sponsored Ph.D. Degree Training in Agricultural and Resource Economics	02/18/2016	491,627
Liu, Yizao	University of Kentucky	The Milk Purchase Decision by SNAP and WIC Participants: a Store Location and Price Consideration	03/29/2016	49,914
Rabinowitz, Adam N	USDA/National Institute of Food and Agriculture	Empowering Student Discourse in Food and Environmental Policy through Community Engagement and Immersive Professional Development for Secondary Education Teachers	03/14/2016	149,998
<b>Agriculture and Natural Resources Dean</b>			<b>1 Proposals</b>	<b>\$220,278</b>
O'Neill, Michael P	USDA/National Institute of Food and Agriculture	Institute for Emerging Leaders in Food Systems of the Northeast	03/22/2016	220,278
<b>Allied Health Sciences</b>			<b>2 Proposals</b>	<b>\$3,897,800</b>
Lai, Laijun	PHS/National Institutes of Health	Modeling and Correcting Immunodeficiency in DiGeorge Syndrome by ESC- and iPSC-Derived Thymic Epithelial Cells	01/20/2016	1,948,900
Lai, Laijun	PHS/National Institutes of Health	Modeling and Preventing Graft-Versus-Host Disease by ESC-Derived Thymic Epithelial Cells	01/20/2016	1,948,900
<b>Animal Science</b>			<b>8 Proposals</b>	<b>\$2,027,839</b>
Amalaradjou, Mary Anne R	Center for Produce Safety	Listeria Monocytogenes Growth and Survival on Peaches and Nectarines as Influenced by Stone Fruit Packinghouse Operations, Storage and Transportation Conditions	03/02/2016	94,910
Amalaradjou, Mary Anne R	Foundation for Food and Agriculture Research	Understanding Nutrition Through Biomics	03/03/2016	179,826
D'Amico, Dennis	American Cheese Society	U.S. Artisan and Specialty Cheese Industry Census	01/18/2016	24,000
D'Amico, Dennis	North Carolina Agricultural Foundation/North Carolina State University	Development and Evaluation of Listeria Monitoring and Controls Virtual Reality Simulator for Small Dairy Processors	02/18/2016	500
Govoni, Kristen E	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: The Mechanisms by Which Poor Maternal Nutrition During Gestation Alter Offspring Growth and Maintenance	01/11/2016	
Reed, Sarah A	USDA/National Institute of Food and Agriculture	Training the Next Generation of Scientists: Connecticut's Animal Science Summer Undergraduate Research and Extension Experience (ASSURE)	03/15/2016	299,088
Venkitanarayanan, Kumar S	BASF Bioresearch Corporation	Controlling Salmonella Enteritidis Colonization in Broiler Chickens by In-Feed Supplementation of Amasil NA	03/17/2016	0
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	Practical and Environment Friendly Strategies for Improving Food Safety and Shelf-Life of Organic Poultry Products	03/04/2016	1,429,515
<b>Extension</b>			<b>5 Proposals</b>	<b>\$1,440,246</b>
Arnold Jr, Chester L	USDA/National Institute of Food and Agriculture	Water and Sustainability: Educative Curriculum using Online Mapping Tools to Support Teacher and Student Learning	03/14/2016	149,988
Cutz, German R	CT Department of Agriculture	Collaborative Farming: Engaging Beginning Hispanic Farmers in Specialty Crops Production to Supply Hispanic Markets in Connecticut	03/30/2016	73,411
Cutz, German R	USDA/National Institute of Food and Agriculture	UConn Park City 4-H Healthy Lifestyles: A Community-Family Partnership to Enhance Wellness in Urban Schools	03/14/2016	640,000
Martin, Jennifer L	USDA/National Institute of Food and Agriculture	Advancing the Business of Farming in Connecticut in Partnership with Agriculture Learning Centers	01/19/2016	544,028



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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Wilson, Emily H	CT Office of Policy and Management/Capitol Region Council of Governments	Serving and Distributing 2016 Aerial Imagery and Lidar	03/01/2016	32,819
<b>Kinesiology</b>			<b>11 Proposals</b>	<b>\$915,454</b>
Casa, Douglas J	Hot Button Gear	Validation of a Mouth Guard System to Detect Exertional Heat Stress	02/17/2016	24,905
Casa, Douglas J	National Athletic Trainers Association	Assisting the National Athletic Trainers' Association: A Comprehensive Approach to Promoting Athletic Training Services	03/25/2016	149,985
Casa, Douglas J	Nix	Validation of Non-invasive Biomarker for Sweat Osmolality	03/01/2016	52,552
Casa, Douglas J	VT Department of Public Safety	Implementation of Safety Policies for Public Safety Employees	01/15/2016	5,580
Casa, Douglas J	Whoop	UConn Division 1 Men and Women's Athlete WHOOP Recovery and Sleep	01/27/2016	218,219
Lee, Elaine C	American Heart Association	Integrative Genomic and Physiological Investigation of Hydration and Health	01/08/2016	231,000
Mazerolle, Stephanie M	National Athletic Trainers Association	Faculty Perspectives on Doctoral Mentoring and the Development of the Athletic Training Faculty Member	01/20/2016	10,000
Mazerolle, Stephanie M	Spencer Foundation	Organizational Socialization of Health Science Pre-Tenured Faculty Member	01/14/2016	49,968
Root, Hayley	Eastern Athletic Trainers' Association	The Effect of a Tailored Pre-Season Workshop on Preventive Training Program Compliance and Maintenance	03/09/2016	9,856
Root, Hayley	National Athletic Trainers Association	The Effect of a Tailored Pre-Season Workshop on Preventative Training Program Compliance and Maintenance	02/10/2016	2,399
Taylor, Beth	American Heart Association	Near Infrared Spectroscopy (NIRS) to Diagnose Statin-Associated Muscle Symptoms	01/08/2016	160,990
<b>Natural Resources and the Environment</b>			<b>3 Proposals</b>	<b>\$300,547</b>
Morzillo, Anita	DHHS/CDC/Centers for Disease Control and Prevention/CT Agricultural Experiment Station	Spatially Scalable Integrated Tick Vector/Rodent Reservoir Management to Reduce Human Risk of Exposure to Ixodes Scapularis Ticks Infected with Lyme Disease Spirochetes	01/25/2016	181,694
Warner, Glenn S	DOI/United States Geological Survey	FY2016 Annual Application 104B Water Resources	01/11/2016	0
Warner, Glenn S	DOI/United States Geological Survey	Using Nationally Distributed Native Herbivores to Predict and Mitigate Eurasian Watermilfoil Invasion Success in the Northeastern and Southeastern United States	03/17/2016	118,853
<b>Nutritional Sciences</b>			<b>3 Proposals</b>	<b>\$174,969</b>
Fernandez, Maria-Luz	American Egg Board	Optimal Egg Intake in a Healthy Population	02/29/2016	19,969
Lee, Ji-Young	USDA/National Institute of Food and Agriculture	A Novel Role of Spirulina in the Regulation of Macrophage Phenotype for the Prevention of NASH	02/29/2016	152,000
Luo, Yangchao	Veteraid	Flavoring of Enhanced Water Formulations for Military Personnel and Athletes: Phase I Project	02/10/2016	3,000
<b>Pathobiology</b>			<b>8 Proposals</b>	<b>\$3,240,003</b>
Geary, Steven J	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Population-Level Phase Variable Surface Protein Gene Expression Modeling of Mycoplasma Gallisepticum in Response to Ecological Pressures In-Vivo	01/11/2016	
Geary, Steven J	USDA/National Institute of Food and Agriculture	Using Synthetic Genomics to Understand the Role of Mycoplasma Gallisepticum Phase-Variable Lipoprotein	02/29/2016	151,999
Levin, Milton J	Marine Mammal Commission	Measuring Serum Cytokines to Assess the Health of Grey Seals with and without Influenza Infection	03/28/2016	18,210

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Szczepanek, Steven	PHS/National Institutes of Health	B-Cell Dysfunction Impairs Pneumococcal Vaccine Efficacy in Sickle Cell Disease	01/13/2016	1,975,000
Szczepanek, Steven	USDA/Agricultural Research Service	Development of Strategies to Enhance the Immune Response to Foot-and-Mouth Disease Virus	01/12/2016	125,184
Vankruiningen, Herbert J	Pfizer	Early and Late Changes in an Infectious Lymphangitis of Pigs: A Model of Crohn's Disease	03/16/2016	150,000
Verardi, Paulo H	PHS/National Institutes of Health	Rapid Development and Testing of Zika Virus Vaccine Candidates	02/15/2016	409,805
Verardi, Paulo H	PHS/National Institutes of Health	Rapid Development of Replication-Controlled Vaccinia Virus Vectors for Vaccines and Therapeutics with Single or Double Safety Features	02/15/2016	409,805
<b>Plant Science and Landscape Architecture</b>			<b>6 Proposals</b>	<b>\$1,424,532</b>
Brand, Mark H	USDA/National Institute of Food and Agriculture/University of Maryland at College Park	Applied Research and Outreach for Capacity Building, Focused on the Antioxidant-Rich Alternative Crop Aronia and its Industries	02/25/2016	883,394
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service	Biological Control of Lily Leaf Beetle (Lilioceris Lili) in Connecticut	03/16/2016	15,320
Ellis, Donna R	USDA/National Institute of Food and Agriculture/University of Maryland at College Park	An Undergraduate Integrated Pest Management (IPM) Training Program for the Northeast	02/26/2016	32,910
Guillard, Karl	New England Regional Turfgrass Foundation	Soil Carbon Sequestration Potential of Turfgrass	03/24/2016	10,000
McAvoy, Richard J	USDA/Department of Agriculture/University of Vermont	Coordinator, Professional Development Program, Northeast SARE	02/22/2016	242,527
Raudales Banegas, Rosa E	USDA/National Institute of Food and Agriculture	Learning by Doing: Research and Extension	03/18/2016	240,381
<b>College of Liberal Arts and Sciences</b>			<b>122 Proposals</b>	<b>\$51,298,184</b>
<b>Anthropology</b>			<b>3 Proposals</b>	<b>\$72,396</b>
Adler, Daniel S	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Doctoral Dissertation Research: Technological Structure and Variability in the East African Middle Stone Age	02/24/2016	31,600
Adler, Daniel S	National Geographic Society	Technological Continuity and Change During the Late Middle Pleistocene in Armenia	02/29/2016	24,270
Willen, Sarah	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Doctoral Dissertation Research: Choosing Disability in the Context of Kinship and Reproduction in the United States	01/08/2016	16,526
<b>Asian American Studies Institute</b>			<b>1 Proposals</b>	<b>\$239,771</b>
Schlund-Vials, Cathy	NEH/National Endowment for the Humanities	The State and Stakes of Asian American Studies	02/22/2016	239,771
<b>Chemistry</b>			<b>7 Proposals</b>	<b>\$7,071,054</b>
Angeles-Boza, Alfredo M	NASA/National Aeronautics and Space Administration	Site-Specific Isotopic Analyses Through Decarboxylation of Meteoritic Amino Acids	03/28/2016	
Brueckner, Christian	NSF/National Science Foundation	Creating a Stronger STEM Pathway in Connecticut	01/11/2016	1,486,826
Dixit, Chandra K	PHS/National Institutes of Health	Live Single Cell Glycan Biomarker Studies for Prostate Cancer Diagnosis	02/10/2016	987,735
Dixit, Chandra K	Prostate Cancer Foundation	Live Single Cell Glycan Biomarker Studies for Prostate Cancer Diagnosis	03/07/2016	225,000
Peczuh, Mark W	PHS/National Institutes of Health	Epitope Resolved Detection of IgEs in Serum for Diagnosis of Peanut Allergy	02/23/2016	2,516,760
Pinkhassik, Evgueni	PHS/National Institutes of Health	Catch and Release of siRNA with Porous Nanocapsules	02/15/2016	448,031
Yao, Xudong	PHS/Department of Health and Human Services	Ultrathroughput Mass Spectrometry for Large-Scale Validation of Cancer Biomarkers	02/23/2016	1,406,702
<b>Ecology and Evolutionary Biology</b>			<b>18 Proposals</b>	<b>\$2,765,290</b>

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Diggie, Pamela K	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: SG: Does Variation in Development Explain Variation in Phenological Responses to Temperature?	01/19/2016	
Elphick, Christopher	DOI/U.S. Fish & Wildlife Service	Saltmarsh Sparrows: Conserving a Surrogate Species at the Landscape Level; Connecting the Dots Between Breeding, Migration and Wintering in Regions 4&5	03/07/2016	7,860
Henry, Charles S	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Identification of Genetic Loci Responsible for Premating Isolation by Singing Behavior in Green Lacewings	01/06/2016	
Holsinger, Kent E	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Building and Testing a Unified Theory for Evolutionary Assembly of Ecological Communities	01/05/2016	
Jockusch, Elizabeth L	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Testing Hypotheses for the Developmental Basis of a Morphological Novelty in Treehoppers	01/12/2016	
Les, Donald H	NSF/CISE/Directorate for Computer and Information Sciences and Engineering/NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Collaborative Research: Elucidating the Genetic Basis of Species Differences in Trillium (Melanthiaceae) Using a Novel Epigenetic/Endophytic System	01/19/2016	
Liu, Yang	NSF/National Science Foundation	Preliminary Proposal: Evolution of Nuclear Control on Plant Mitochondrial Genome Structure Stability	01/11/2016	
Rubega, Margaret A	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: The Biomechanics of Feeding vs. Fighting: Trade Offs in Hummingbird Bill Morphology	01/12/2016	
Ruskin, Katharine J	Nantucket Biodiversity Initiative	Estimating Tidal Marsh Bird Abundance on Nantucket	03/14/2016	2,138
Schultz, Eric T	DOC/NOAA/Oceanic and Atmospheric Research	NMFS/Sea Grant Marine Resource Economics Graduate Fellowship Jacob Kasper: Maternal Effects: Analysis of Their Prevalence, Management Implications, and Test of Effects in Black Sea Bass	01/26/2016	114,945
Schultz, Eric T	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Collaborative Research: Discerning the Effects of Relaxed and Positive Selection on Physiological Responses	01/05/2016	
Silander, John A	DOD/Department of Defense	Climate Change Impacts on Forest Landscape Phenology in Eastern US DoD Lands	03/03/2016	2,167,139
Silander, John A	NASA/National Aeronautics and Space Administration	Detecting Dimensions of Biodiversity in a Mega-Diverse Region of Southern Africa: From Traits to Communities to Ecosystems	03/14/2016	57,000
Simon, Christine M	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Developmental Plasticity, Environmental Triggers and Diversification in Natural Populations	01/14/2016	
Tingley, Morgan W	DOD/Department of Defense/University of California at Davis	Phenological Responses of Breeding Birds to Changes in Climate and Land Cover in the Great Basin	02/23/2016	92,403
Tingley, Morgan W	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Collaborative Research: Comparative Approaches to Understanding Past, Present, and Future Interacting Plant and Bird Communities of the Southern Appalachians	01/05/2016	
Wegrzyn, Jill L	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Applying Associative Transcriptomics and Metagenomics to Evaluate Adaptation to Acid Rain in Hardwood and Conifer Species	01/22/2016	
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	03/15/2016	323,805
<b>Economics</b>			<b>1 Proposals</b>	<b>\$73,959</b>
Couch, Kenneth A	PHS/DHHS/Social Security Administration	Longevity Options for Reforming Social Security: A Micro-Simulation Approach	03/11/2016	73,959
<b>English</b>			<b>3 Proposals</b>	<b>\$30,000</b>
Courtmanche, Jason C	ED/Department of Education/National Writing Project Corporation	Advanced Institute to Scale Up the College-Ready Writers Program	01/26/2016	20,000

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Courtmanche, Jason C	Gates (Bill and Melinda) Foundation/National Writing Project Corporation	Building New Pathways to Leadership	02/11/2016	10,000
Knapp, Kathy	DOS/Bureau of Educational and Cultural Affairs	The Contemporary American Bildungsroman in an Age of Uncertainty	03/11/2016	0
<b>Geography</b>			<b>2 Proposals</b>	<b>\$34,900</b>
Hanink, Dean M	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Doctoral Dissertation Research: The Local Socioeconomic Impact of Leisure-Based Redevelopments in Detroit and Las Vegas (1990-2010)	02/10/2016	15,841
Trumbull, Nathaniel S	U.S.-Russia University Partnership Program	Co-Teaching of Socio-Economic and Legal Aspects of Decommissioning of Nuclear Power Plants: Russia and the U.S.	01/21/2016	19,059
<b>Human Development and Family Studies</b>			<b>2 Proposals</b>	<b>\$1,652,789</b>
Russell, Beth S	PHS/Department of Health and Human Services	Promoting Resilience in Self-Management (PRISM) with a Focus on Caregiver Health	02/23/2016	1,622,789
Super, Charles M	CT Office of Early Childhood	Phase 2 - Positive Parenting Program	01/28/2016	30,000
<b>Integrative Geoscience</b>			<b>3 Proposals</b>	<b>\$1,033,540</b>
Boush, Lisa E	NSF/GEO/Directorate for Geosciences	Collaborative Research: Linking the Central Atlantic Magmatic Province and the End Triassic Extinction in Western Pangea Using Geochemical and Paleontological Proxies	01/26/2016	71,448
Hren, Michael T	NSF/GEO/Directorate for Geosciences	Collaborative Research: Testing Models of Mountain-Building in a Model Orogen: Reconstructing the Paleoelevation and Paleorerosion History of Taiwan	01/06/2016	598,987
Hren, Michael T	NSF/GEO/Directorate for Geosciences	Drivers of Selective Mass Extinction: Insights from Integrated Paleontological and Geochemical Records	02/03/2016	363,105
<b>Marine Sciences</b>			<b>16 Proposals</b>	<b>\$7,200,601</b>
Baumann, Hannes	DOC/National Oceanic and Atmospheric Administration	Sensitivity of Larval and Juvenile Sand Lance <i>Ammodytes Dubius</i> on Stellwagen Bank to Predicted Ocean Warming, Acidification, and Deoxygenation	01/13/2016	190,894
Bucklin, Ann	NSF/GEO/Directorate for Geosciences	Collaborative Research: Connectivity and Climate: Population Structure, Migration, and Phenotypic Variation in the North Atlantic Copepod, <i>Calanus Finmarchicus</i>	02/11/2016	393,932
Cabaniss, Joseph T	DOC/National Oceanic and Atmospheric Administration	2016 Passive Acoustics Research Program - Georges Bank to New York Bight	02/29/2016	98,000
Lombardo, Kelly	DOD/NAVY/Office of Naval Research	Modification of Mesoscale Convective Systems Traversing the Maritime Continent	01/26/2016	682,383
Lombardo, Kelly	NSF/GEO/Directorate for Geosciences	Collaborative Research: Michigan Thunderstorm and Marine Experiment (MITMEX)	01/25/2016	434,765
Lombardo, Kelly	NSF/National Science Foundation	Collaborative Research: The Role of Anticyclones in Historical and Future Extreme Precipitation Events East of the Rockies: Quantification, Trends, and Physical Mechanisms	03/29/2016	300,334
Mason, Robert	NSF/GEO/Directorate for Geosciences	Collaborative Research: Transformations and Methylmercury by Marine Phytoplankton	01/26/2016	307,354
Mason, Robert	NSF/GEO/Directorate for Geosciences	Support for Activities Related to the 13th International Conference of Mercury as a Global Pollutant	01/27/2016	22,633
McManus, George B	DOC/NOAA/National Ocean Service	CHRP 2016: Modeling and Observations for Management and Mitigation of Hypoxia in an Urban Sea	02/02/2016	1,737,839
Tobias, Craig R	DOD/Department of Defense	DNAN and NTO Transformations Quantified Using Stable Isotope Tracers	03/01/2016	1,543,463

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Tobias, Craig R	NSF/BIO/Directorate for Biological Sciences	LTER: Long Island Sound Urban LTER: Coupled Climate and Anthropogenic Alteration of Coastal Ecosystem Structure and Function	01/25/2016	
Tobias, Craig R	NSF/GEO/Directorate for Geosciences	Collaborative Research: Linking Organic Matter Composition to Shifting Baselines in the Coastal Sedimentary Nitrogen Cycle	02/10/2016	379,069
Vlahos, Epapante	NSF/National Science Foundation	Collaborative Research: Spray-Mediated Gas Fluxes Across the Air-Sea Interface	01/21/2016	134,623
Vlahos, Epapante	PHS/National Institutes of Health	Identifying Contributing Factors to the Progression of Chronic Kidney Disease of Unknown Etiology in Sri Lanka	02/19/2016	358,426
Ward, J E	NSF/National Science Foundation	NSF-IOS-BSF Preproposal: Rethinking Biological Filtration: Intrinsic Versus Extrinsic Controls on Feeding Efficiency in Marine Suspension Feeders	01/11/2016	
Whitney, Michael	DOE/Department of Energy	A Module for Estuary Physics and Biogeochemical Processes in ACME	03/08/2016	616,886
<b>Mathematics</b>			<b>4 Proposals</b>	<b>\$854,777</b>
Cardetti, Fabiana A	Toyota Motor Engineering and Manufacturing North America, Inc.	Interdisciplinary Collaboration to Enhance Math and World Languages Education via Development of Intercultural Competence	03/01/2016	814,977
Gan, Guojun	Society of Actuaries	Regression Modeling for the Valuation of Large Variable Annuity Portfolios	01/08/2016	13,000
Vadiveloo, Jeyaraj	Connecticut School Finance Project	Special Education Funding Strategy for Connecticut	03/09/2016	22,000
Zhao, Bin	Simons Foundation	Galois Representations and Modular Forms	03/24/2016	4,800
<b>Molecular and Cell Biology</b>			<b>23 Proposals</b>	<b>\$14,060,109</b>
Broderick, Nichole A	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Mechanisms of Microbiome-Dependent Effects on Animal Development and Homeostasis	01/12/2016	
Cole, James L	PHS/National Institutes of Health	Mechanism for Activation of the Antiviral Kinase PKR	02/15/2016	2,318,531
Core, Leighton J	PHS/National Institutes of Health/University of CT Health Center	Regulation of UBE3A Genomic Imprinting	02/26/2016	144,065
Gogarten, Johann P	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal SG: Cooperation, Cheating, and Selfishness in Microbial Populations - A Genomic and Metagenomic Based Analysis	01/13/2016	
Graf, Joerg	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Collaborative Research: Residents, Tourists & Invaders: Identifying Mechanisms that Prevent Invasion by Bacteria and Engineering Probiotic Countermeasures	01/11/2016	
Graf, Joerg	PHS/National Institutes of Health/University of Texas Health Science Center at Houston	Detrimental Effects of Age Related Dysbiosis	02/02/2016	1,014,950
Graf, Joerg	PHS/National Institutes of Health/Yale University	Pathophysiologic Mechanisms Underlying Pediatric Obesity	03/28/2016	161,566
Klassen, Jonathan	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Collaborative Research: Mapping and modeling how secondary metabolites structure a fungus-growing ant microbiome	01/11/2016	
Klassen, Jonathan	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: How Does Immigration Impact Microbial Community Function?	01/11/2016	
Klassen, Jonathan	NSF/National Science Foundation	Dimensions: Pseudonocardia Secondary Metabolites as Drivers of Phylogenetic Diversity and Community Function in a Fungus-Growing Ant Symbiosis	03/11/2016	1,643,989
Lynes, Michael A	Connecticut Innovations	A Therapeutic Monoclonal Antibody for the Treatment of Inflammatory Bowel Disease	03/28/2016	500,000
Lynes, Michael A	PHS/National Institutes of Health	Stress and Metallothionein as Modifiers of Breast Cancer Carcinogenesis	01/25/2016	1,916,230
Malone, John H	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: Collaborative Research: Male Contest Competition and Sex Chromosome Evolution	01/07/2016	

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Malone, John H	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Collaborative Research: Sex Chromosome Evolution, Sexual Dimorphism, and Diversification of African Bullfrogs (Anura: Pyxicephalidae: Pyxicephalus)	01/07/2016	
May, Eric R	NSF/ENG/Directorate for Engineering	Collaborative Research: CDS&E: Multiscale Simulation Studies of Mechanosensitive Channels	01/25/2016	222,072
Noll, Kenneth M	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Laboratory Evolution of Bacteria to Examine Biotic Factors Impacting Selection of Bacterial Carbon Source Acquisition and the Effect of Horizontal Gene Transfer on the Process	01/15/2016	
Nyholm, Spencer	NSF/National Science Foundation	Dimensions: Collaborative Research: Unraveling Environmental and Evolutionary Drivers of Biodiversity Using Beneficial Microbes and their Animal Hosts	02/29/2016	464,605
O'Neill, Michael J	PHS/National Institutes of Health	Role of Transketolase-Like 1 in Autism Spectrum Disorder	02/01/2016	1,947,912
O'Neill, Rachel J	PHS/National Institutes of Health/Duke University	Molecular Analysis of Centromeric Epialleles in Humans	02/24/2016	1,953,285
Robinson, Victoria L	American Heart Association	Cardiac Stem Cell Maintenance is Associated with NS-Dependent Nucleolar Localization Pathways	01/12/2016	154,000
Robinson, Victoria L	PHS/National Institutes of Health	The Role of BipA in Stress Adaptation in Bacteria	02/12/2016	414,702
Zweifach, Adam	PHS/National Institutes of Health	Analogs of a Novel Immunosuppressive Compound	02/10/2016	158,000
Zweifach, Adam	PHS/National Institutes of Health	Developing a Multiplexed Cytometric Cell-Based FRET Assay for Compounds that Activate C1 Domain Proteins	01/29/2016	1,046,202
<b>Physics</b>			<b>4 Proposals</b>	<b>\$2,002,182</b>
Cote, Robin J	DOD/Department of the Army	Research Area 7: Chemical Sciences (7.1 Molecular Dynamics); Dynamics of Molecular Dressed States	02/18/2016	465,126
Dunne, Gerald V	NSF/National Science Foundation/University of Michigan	Two Petawatt Laser System at the University of Michigan	01/25/2016	346,814
Jones, Richard T	DOE/Department of Energy/Energy Analytics	Radon Sensing and Control Remediation System	02/09/2016	40,242
Joo, Kyungseon	DOE/Department of Energy	Medium Energy Nuclear Physics Experiment in Hall B at Jefferson Lab	01/18/2016	1,150,000
<b>Physiology and Neurobiology</b>			<b>11 Proposals</b>	<b>\$7,601,738</b>
Chen, Xinnian	Helmsley (Leona M. and Harry B.) Charitable Trust/Yale University	National Academies Summer Institute on Undergraduate Education	01/06/2016	50,000
Conover, Joanne	PHS/National Institutes of Health	Eph-Ephrin Signaling Facilitates Dynamic Interactions within the Brain	02/02/2016	1,934,368
De Blas, Angel L	PHS/National Institutes of Health	New Insights into the Regulation of GABAA Receptor Clustering	02/02/2016	430,739
Mulkey, Daniel K	American Epilepsy Society	Role of Respiratory Control in Seizure Propensity and SUDEP	01/20/2016	20,000
Mulkey, Daniel K	PHS/National Institutes of Health	Defining Astrocyte Heterogeneity in the RTN	02/12/2016	434,500
Mulkey, Daniel K	PHS/National Institutes of Health	Stoke disordered breathing across age and gender and its impact on neurological recovery and mortality	02/03/2016	3,279,672
Nishiyama, Akiko	Citizens United for Research in Epilepsy	Reprogramming NG2 Glial Cells into Inhibitory Neurons in an Epilepsy Model	02/03/2016	50,000
Schwartz, Daniel	PHS/National Institutes of Health	Determining the Substrate Specificity Effects of Wild-Type and Encephalopathy-Associated Mutants of Protein Kinase CDKL5	03/15/2016	424,601
Tzingounis, Anastasios	PHS/NIH/National Institute of Neurological Disorders and Stroke/Baylor College of Medicine	Enabling Targeted Therapy for KCNQ2 Associated Severe Pediatric Epilepsy	02/17/2016	918,705



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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Wang, Li	American Heart Association	Investigating the Role of H19 in Hepatic Insulin Resistance	01/20/2016	5,000
Yang, Zhihong	University of Michigan	The Role of PDK4 in HCC Cell Metabolic Reprogramming	03/01/2016	54,153
<b>Political Science</b>			<b>1 Proposals</b>	<b>\$35,046</b>
Singer, Matthew	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Collaborative Research: The Causes of Populism	01/12/2016	35,046
<b>Psychology</b>			<b>10 Proposals</b>	<b>\$3,984,249</b>
Altmann, Gerald	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Collaborative Research: NCS-FO: Individual Variability in Network Function	01/22/2016	942,076
Barnes-Farrell, Janet L	National Society of Black Engineers	2016 NSBE Student Survey	02/10/2016	25,279
Chrobak, James J	NSF/BIO/Directorate for Biological Sciences	IOS Preliminary Proposal: The Septotemporal (Long) Axis of the Hippocampus: Variation and Synchronization of the Theta Signal	01/06/2016	
Large, Edward W	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Rhythmic Neural Networks: Theory and Experiment	01/25/2016	571,753
Molfese, Peter J	PHS/National Institutes of Health/Massachusetts General Hospital	High Temporal Resolution Effective Connectivity Analysis of Large Brain Networks	02/18/2016	67,693
Salamone, John D	PHS/National Institutes of Health	Pharmacological Modulation of Central Glycine/NMDA Site: Implications for Treatment of Effort-Related Motivational Symptoms	01/29/2016	620,352
Salamone, John D	Shire	Effect of Lisdexamfetamine on Binge Eating in Animal Models	03/15/2016	80,504
Swadlow, Harvey A	PHS/National Institutes of Health/State University of New York	Ultrathin Neural Probes for Chronic Recordings and Electrical Microstimulation	01/28/2016	592,500
Volgushev, Maksim A	PHS/National Institutes of Health/Dignity Health	Active Vision: What Visual Cortex Tells the Motor System During Locomotion	01/21/2016	1,084,092
Yee, Eiling J	Brain Research Foundation	The Neural Underpinnings of Dynamic Conceptual Representations	01/05/2016	
<b>Public Policy</b>			<b>3 Proposals</b>	<b>\$142,364</b>
Raissian, Kerri M	Arnold (Laura and John) Foundation	Does the Minimum Wage Affect Child Maltreatment & Child Well-Being?	03/28/2016	82,366
Raissian, Kerri M	Smith Richardson Foundation	Evaluating Aspects of the Criminal Justice System's Response to Family Violence	01/25/2016	49,998
Robbins, Mark D	Fairfield County Community Foundation	Encore!Fairfield County	02/29/2016	10,000
<b>Speech, Language and Hearing Sciences</b>			<b>2 Proposals</b>	<b>\$512,500</b>
Cienkowski, Kathleen M	Duracell	Battery Life: A Qualitative and Quantitative Investigation of User Management	01/15/2016	10,110
Skoe, Erika	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Role Cortical and Subcortical Auditory Processing in Bilinguals' Ability to Shift Between Languages	02/04/2016	502,390
<b>Statistics</b>			<b>8 Proposals</b>	<b>\$1,930,919</b>
Bar, Haim Y	Simons Foundation	Statistical Methods for High Dimensional Data in Genomics	01/25/2016	35,000
Chen, Kun	Community Health Center/University of CT Health Center	New England eConsult Network	01/15/2016	23,456
Chen, Kun	PHS/National Institutes of Health/University of CT Health Center	Improving the Identification and Management of Patients at Risk of Suicide	03/02/2016	1,375,147
Harel, Ofer	Johnson (Robert Wood) Foundation/City of Bridgeport, CT	An Innovative Health Equity Network to Support Health and Wellness among Low-Income Community Members	03/01/2016	53,092



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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Wang, Xiaojing	NSF/SBE/Directorate for Social, Behavioral and Economic Sciences	Advances in Modeling and Clustering Changes of Latent Traits for Complex Longitudinal Data	01/27/2016	339,880
Wang, Xiaojing	Simons Foundation	Modeling and Clustering Changes of Latent Traits in Longitudinal Data	01/27/2016	35,000
Yan, Jun	Renaissance Health Service Corporation/University of CT Health Center	Utilization of Dental Imaging During the Past 20 Years	01/15/2016	34,344
Zhang, Yuping	Simons Foundation	Statistical Methods for High-Dimensional Longitudinal Data	01/25/2016	35,000
<b>NEAG School of Education</b>			<b>16 Proposals</b>	<b>\$6,373,680</b>
<b>Curriculum and Instruction</b>			<b>3 Proposals</b>	<b>\$3,148,492</b>
Howard, Elizabeth	ED/Office of English Language Acquisition	SMART STEP: Supporting Multilingual Students' Achievement and Retention Through a Secondary Teacher Education Pipeline	02/17/2016	358,853
Rojas, Eliana D	ED/Office of English Language Acquisition	Math Technology, Language Community (TLC)	02/12/2016	2,749,996
Wilson, Suzanne	Wayne County Regional Educational Service Agency/Clark University	Design to Support the Michigan NGSX Initiative	01/22/2016	39,643
<b>Educational Leadership</b>			<b>7 Proposals</b>	<b>\$1,870,847</b>
Cooper, Joseph N	Spencer Foundation	Cultural Importance in Elite Interscholastic Student Athlete Development	02/29/2016	43,894
Donaldson, Morgaen	Spencer Foundation	District Policies Related to Principal Evaluation and Learning-Centered Leadership	01/07/2016	999,980
Dougherty, Shaun M	Grant (William T.) Foundation/University of California, Santa Barbara	Can Applied STEM Coursetaking Support College and Career Transitions for Low-Income High School Students	03/25/2016	96,433
Dougherty, Shaun M	NSF/National Science Foundation/Northwestern University	Collective Impact Networks: Outcomes from Stakeholders to Systems	01/08/2016	253,196
Femc-Bagwell, Michele	CT Department of Education	CommPACT Community Schools Collaborative Program	03/15/2016	332,500
Lechasseur, Kimberly	Rex (John) Endowment	Evaluation of Intentional and Effective Places & Spaces for Children's Positive Mental Health	02/10/2016	48,468
Weiner, Jennie	National Academy of Advanced Teacher Education	Evaluating the Impact of NAATE Participation on Teachers and their Schools	03/31/2016	96,376
<b>Educational Psychology</b>			<b>6 Proposals</b>	<b>\$1,354,341</b>
Bray, Melissa A	Futures, Inc	School Psychology Internship - Dawne Goodwin	03/08/2016	9,625
Lombardi, Allison	ED/Office of Special Education and Rehabilitative Services/Ohio State University	College and Career Readiness: Increasing Adolescent Literacy, Digital Literacy and Transition Outcomes	03/25/2016	531,458
Lombardi, Allison	NSF/National Science Foundation/Landmark College	Peer Academic Networks (PAN): A Predictive Model for STEM Performance Based on Interaction Between Negative Stereotype and Peer Networks of Females and Students with Disabilities	03/11/2016	63,640
Rhoads, Christopher H	NSF/National Science Foundation/Mgenuity	MathBrainius - Immersive Environment to Develop Mastery in Mathematical Problem Solving Phase II	01/26/2016	68,083
Sugai, George M	PHS/Department of Health and Human Services/University of CT Health Center	Connecticut Leadership Education in Neurodevelopmental and Other Related Disabilities (LEND) Project	02/11/2016	350,853
Young, Michael F	NSF/EHR/Directorate for Education and Human Resources	CSIoTec - Interactive Learning of Computing and STEM in the Context of Internet of Things and Energy Consumption	03/28/2016	330,682
<b>School of Business</b>			<b>2 Proposals</b>	<b>\$299,825</b>
<b>CT Small Business Development Center</b>			<b>1 Proposals</b>	<b>\$250,000</b>

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Carter, Emily	Small Business Administration	Veterans Business Outreach Center	03/17/2016	250,000
<b>Finance</b>			<b>1 Proposals</b>	<b>\$49,825</b>
Carstensen, Fred V	MGM Resorts International	Evaluating the Impacts of Casino Expansion	02/16/2016	49,825
<b>School of Engineering</b>			<b>105 Proposals</b>	<b>\$57,013,814</b>
<b>Biomedical Engineering</b>			<b>7 Proposals</b>	<b>\$7,150,276</b>
Brown, Kevin S	NASA/National Aeronautics and Space Administration	Sloppy Models for Ocean Color Inversion	02/16/2016	312,382
Chon, Ki	PHS/National Institutes of Health/Mobile Sense Technologies	Waterproof Leadless Armbands for Continuous Wireless Monitoring for Atrial Fibrillation	03/28/2016	40,000
Chon, Ki	PHS/National Institutes of Health/Triton Systems, Inc	Multimodal Assessment of Diabetic Autonomic Neuropathy Using a Wearable Sensor and a Smartphone App	03/29/2016	112,499
Feng, Bin	Allen Foundation	Optogenetic Activation of Mechanically-Insensitive Afferents in Mouse Colorectum	01/07/2016	150,000
Feng, Bin	NSF/ENG/Directorate for Engineering	Role of Biomechanics in Visceral Sensation and Pain	01/18/2016	399,361
Hoshino, Kazunori	PHS/National Institutes of Health/University of CT Health Center	Creating Biodegradable Conducting Polymeric Implants	01/18/2016	20,000
Shahbazmohamadi, Sina	DOD/ARPA	Integrated Instrument for Intelligent Inspection of ICs (I5)	02/26/2016	6,116,034
<b>Center for Clean Energy Engineering</b>			<b>29 Proposals</b>	<b>\$11,851,254</b>
Bazzi, Ali	DOD/Department of the Army/Qualtech Systems, Inc	Heuristic-Based Prognostic and Diagnostic Method for Installations	02/11/2016	50,000
Bazzi, Ali	NSF/National Science Foundation	NRT-IGE: Multidisciplinary Cohort-Thesis in Energy Systems: A Pilot Program	01/19/2016	499,693
Bazzi, Ali	United Illuminating Company	Evaluation of Fault Detection and Diagnosis Methods in Heating, Ventilation, and Air Conditioning Systems Utilizing Electric Drives	03/22/2016	198,675
Cho, Yongku P	PHS/National Institutes of Health	Early Detection of Tau Acetylation Using Ultra-High Affinity Antibodies	02/10/2016	149,092
Hebert, Rainer J	United Technologies-Pratt & Whitney	Computational and Experimental Studies of Laser-Powder Interaction for Additive Manufacturing	01/13/2016	63,000
Lei, Yu	DOE/Department of Energy	Portable Capacitive Sensor and Raman Sensor for Rapid, On-Line, Quantitative Analysis of Oxidation State of Oxygen Carrier Particles	03/14/2016	400,000
Lei, Yu	NSF/ENG/Directorate for Engineering	SNM: Engineered Bacteria as the "Nanobiomanufacturing Machine" for Scalable and Green Production of Well-Controlled Multifunctional Bionanoparticles	02/02/2016	1,500,000
Maric, Radenka	DOE/Department of Energy	Low Cost Flexible Flame Manufacturing Technology for Production of High Performance Li-ion Battery with Solid Li7La3Zr2O12 Thin Films Electrolyte	03/23/2016	
Maric, Radenka	DOE/Department of Energy	Novel Approach to Manufacturing of Robust, Cost Effective, Metal Supported Solid-State Electrochemical Cells	03/11/2016	3,000,001
Maric, Radenka	DOE/Department of Energy/Proton OnSite	Single Step Manufacturing of Low Catalyst Loading Electrolyzer MEAs	03/25/2016	330,000
Maric, Radenka	DOE/Department of Energy/University of Central Florida	Improved Low-PGM Electrode Performance and Durability through Catalyst Layer Design and Application	03/21/2016	656,250
Maric, Radenka	NSF/ENG/Directorate for Engineering	Developing an Engineering Prototype for Ultra-Low-Cost Energy Harvesting and Storage	03/24/2016	200,000
Maric, Radenka	NSF/National Science Foundation	Developing an Engineering Prototype for Ultra-Low-Cost Energy Harvesting and Storage	02/26/2016	
Maric, Radenka	NSF/National Science Foundation/Rutgers University	SNM: Layered Manufacturing of Nanostructured Materials	01/29/2016	750,000

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Pasaogullari, Ugur	DOE/Department of Energy	Filling Gaps in PEM Fuel Cell Contamination: Undocumented Species, Predictive Correlations and Impact of Real-Life Operation	01/14/2016	
Singh, Prabhakar	DOD/Department of Defense/InnoSense	Ultra High Temperature Polymer-Derived Carbide and Boride Refractory Ceramics for CMCs	02/03/2016	45,000
Singh, Prabhakar	DOE/Department of Energy	Development of Chromium and Sulfur Getter with for SOFC System: Demonstration at TRL-5	03/09/2016	500,000
Singh, Prabhakar	DOE/Department of Energy/Cummins	Solid Oxide Fuel Cell Core Technology and Innovative Concepts	03/07/2016	495,439
Singh, Prabhakar	DOE/Department of Energy/LG Electronics	Durability of High Temperature Heat Exchanger Metal Alloys in SOFC Power Systems	03/07/2016	317,238
Singh, Prabhakar	DOE/Pacific Northwest National Laboratory	Gas Phase Chromium Capture for SOFC Systems	01/07/2016	66,398
Singh, Prabhakar	NASA/National Aeronautics and Space Administration/Precision Combustion, Inc	Advanced Solid Oxide Cell Architecture and Materials for Durable, Regenerative Operation at Pressure	02/01/2016	40,206
Suib, Steven L	CT Department of Energy and Environmental Protection/Fraunhofer	Phase III - Adsorption of Sulfur and Nitrogen Impurities - Fh-State	01/26/2016	50,000
Suib, Steven L	CT Department of Energy and Environmental Protection/Fraunhofer	Phase III - Scale-Up of Battery Materials - Fh-State	01/26/2016	50,000
Tang, Jiong	DOD/Air Force Research Laboratory/National Center for Defense Manufacturing and Machining	Defense-Wide Manufacturing Science and Technology Program (DMS&T)	01/21/2016	800,167
Tang, Jiong	United Technologies-Pratt & Whitney	Composites Manufacturing and Testing Technology	01/08/2016	65,003
Valla, Ioulia A	NSF/ENG/Directorate for Engineering	An Integrated Theoretical and Experimental Research for Novel, High Temperature MFI-Zeolite Sensors	02/11/2016	572,113
Wagstrom, Kristina	DOE/Department of Energy	Aerosol Source-Resolved Impacts on Boundary Layer Cloud Formation and Lifetime	01/15/2016	420,625
Wagstrom, Kristina	NASA/National Aeronautics and Space Administration	Informing Outdoor Activities with Air Quality Observations	03/04/2016	332,354
Zhang, Peng	NSF/ENG/Directorate for Engineering	CPS-EAGER: Microgrid Cloud: An IoT-Enabled Integrative Framework for Community Microgrid Monitoring, Analytics and Optimization	03/28/2016	300,000
<b>Chemical and Biomolecular Engineering</b>			<b>1 Proposals</b>	<b>\$149,999</b>
Burkey, Daniel D	NSF/ENG/Directorate for Engineering	Research Initiation: Development of a Multi-Year Cross-Disciplinary Engineering Ethics and Social Justice Intervention	03/25/2016	149,999
<b>Civil and Environmental Engineering</b>			<b>10 Proposals</b>	<b>\$5,139,228</b>
Anagnostou, Emmanouil N	NASA/National Aeronautics and Space Administration	Characterization and Modeling of Passive Microwave Precipitation Retrieval Uncertainty over Complex Terrain	01/27/2016	30,000
Anagnostou, Emmanouil N	NASA/National Aeronautics and Space Administration	Demonstrating Improvements from a NWP-Based Satellite Precipitation Adjustment Technique in Complex Terrain Flood Applications	01/27/2016	30,000
Astitha, Marina	DOC/NOAA/Oceanic and Atmospheric Research	Evaluation and Improvements for Air Quality Model Applications for Ozone and PM2.5	01/22/2016	316,902
Astitha, Marina	DOE/Department of Energy	Improving the Understanding and Model Representation of Aerosol Effects in Shallow and Deep Convective Events Using GoAmazon Campaign Data	01/13/2016	705,411
Astitha, Marina	NASA/National Aeronautics and Space Administration/RTI International	Integrating Observational and Modeling System Data (Including Earth Observations) for Improving our Understanding of the Interactions between Air Quality and Human Health	03/02/2016	44,330
Chrysochoou, Maria	DOE/Department of Energy	From Pure Minerals to Real Soils: A New Approach to Scaling up Surface Complexation	01/19/2016	555,275

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Mellor, Jonathan E	NSF/EHR/Directorate for Education and Human Resources	NRT-INFEWS: In Search of Security: An Interdisciplinary Training Program on Global Water Challenges	02/09/2016	2,998,048
Wang, Guiling	NASA/National Aeronautics and Space Administration	Deciphering the Drying up of the Urmia Lake Based on Satellite Remote Sensing Data and Numerical Model	01/26/2016	60,000
Zhang, Wei	NSF/ENG/Directorate for Engineering	Collaborative Research: Multi-Scale Performance and Benchmark Validation of Residential Buildings Under Combined Wind and Wave Actions	01/26/2016	249,262
Zhang, Wei	National Academies	Development of an Active Control Device for Highway High-Side Trucks Subjected to Strong Winds	02/12/2016	150,000
<b>Computer Science and Engineering</b>			<b>13 Proposals</b>	<b>\$7,305,734</b>
Bansal, Mukul S	NSF/BIO/Directorate for Biological Sciences	Reconstructing the Microbial Genealogy of Life: Reticulate Evolution, Pathways, and Pan-Genomes	03/11/2016	1,682,007
Bi, Jinbo	PHS/National Institutes of Health	Generating SUD Subtypes Using Behavioral, Biomarker, Genomic and Treatment Data	02/01/2016	848,642
Demurjian, Steven A	PHS/National Institutes of Health/University of CT Health Center	Personalized Assessment Linking Momentary Symptom Clusters to Their Management in Cancer Survivors	02/10/2016	100,000
Han, Song	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	II-New: A Hybrid-Defined Real-Time Sensing and Control Network Testbed for Performance-Critical Cyber-Physical Applications	01/14/2016	748,424
Han, Song	NSF/National Science Foundation	CRISP Type 1: An Integrative Monitoring and Analytics Framework to Improve Resilience of Interdependent Critical Chemical Infrastructures	02/25/2016	403,042
Huang, Chun-Hsi	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	PRAC: Peta-Scale Modeling and Simulation in Network Biology	03/30/2016	40,000
Huang, Chun-Hsi	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	XPS: EXPL: Extreme-Scale Modeling and Simulation in Network Biology	01/11/2016	300,000
Khan, Mohammad M	DOD/DARPA	Personality, Emotion, and Efficacy of Gamification: Application to Risk Communication and Persuasion in the Context of Safe Cyber Behavior	03/31/2016	652,242
Michel, Laurent D	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	AitF: Collaborative Research: Machine Learning for Massively Parallel Optimization Systems	02/29/2016	391,591
Rajasekaran, Sanguthevar	NSF/EHR/Directorate for Education and Human Resources	MRI: Acquisition of a Cluster System for Big Data Analytics	01/12/2016	1,100,000
Rajasekaran, Sanguthevar	NSF/National Science Foundation	Big Data Sharing Tools to Accelerate Genomics Research	01/05/2016	
Rajasekaran, Sanguthevar	NSF/National Science Foundation	BigData (BD) Spokes	02/15/2016	999,999
Wang, Bing	National Multiple Sclerosis Society/Saint Francis Hospital and Medical Center	Development and Validation of Patient-Centered Electronic Symptom Diary for Persons with MS	02/02/2016	39,787
<b>Connecticut Transportation Institute</b>			<b>8 Proposals</b>	<b>\$8,377,279</b>
Christenson, Richard	NASA/National Aeronautics and Space Administration/University of Hartford	Dynamic Load Testing of Spacecraft Parachute Deployment using Real-Time Hybrid Substructuring	02/04/2016	13,664
Christenson, Richard	NSF/National Science Foundation	Collaborative Research: Aeroelastic Real-Time Hybrid Simulations of Base Isolated Tall Buildings: A New Concept for Wind Engineering Testing	02/11/2016	125,000
Christenson, Richard	National Academies	Evaluating the Effectiveness of Vibration-Mitigation Devices for Structural Supports of Signs, Luminaires, and Traffic Signals	01/07/2016	400,000
Ivan, John N	National Academy of Engineers/CH2M Hill	Understanding and Communicating Reliability of Crash Prediction Models	01/19/2016	91,000
Jackson, Eric D	CT Department of Transportation	The Connecticut Transportation Safety Research Center: Years 4 to 9	03/14/2016	7,662,323

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Konduri, Karthik C	PHS/NIH/National Institute on Aging/University of Michigan	Exploring the Relationship Between Daily Time Use and Wellbeing of Elderly Using a Life Course Approach: Evidence from Supplemental Studies of the Panel Study of Income Dynamics	01/28/2016	19,955
Lownes, Nicholas	DOT/Federal Highway Administration/CT Department of Transportation	UConn Summer Transportation Institute	03/04/2016	20,577
Mahoney, James M	CT Department of Transportation	Development of a Specification for Porous Asphalt Pavements	01/29/2016	44,760
<b>Electrical and Computer Engineering</b>			<b>12 Proposals</b>	<b>\$3,517,369</b>
Dani, Ashwin	DOD/DARPA/Open Source Robotics Foundation	DARPA Robotics Fast Track	01/27/2016	149,042
Dani, Ashwin	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	NRI: Collaborative Research: Learning and Control Methods for Human Machine Interaction for Rehabilitative Robotic Systems	02/25/2016	379,702
Dani, Ashwin	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	NRI: Human-Robot Manufacturing Team: Learning Collaboration from Demonstrations, Production Control and Applications	03/01/2016	620,492
Gokirmak, Ali	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	E2CDA: Type II: Thermal Cross-Talk and Phase-Change Logic	03/16/2016	599,078
Jain, Faquir C	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	E2CDA: Type II: Embedded High-Speed Nonvolatile Random Memory (NVRAM) for Low-Power Applications	03/15/2016	583,000
Javidi, Bahram	ABB	3D Imaging and Visualization for Robotics Applications	03/17/2016	230,373
Javidi, Bahram	DOD/Department of the Air Force/Vista Applied Optics	Photon Counting Pattern Recognition for Compact Real-Time Automated Target Recognition	02/03/2016	48,000
Luh, Peter B	General Electric Company	Surrogate Lagrangian Relaxation and Branch-and-Cut for Security Constrained Unit Commitment with Combined Cycle Units	01/26/2016	21,770
Luh, Peter B	Midcontinent Independent System Operator	Surrogate Lagrangian Relaxation and Branch-and-Cut for Security Constrained Unit Commitment with Combined Cycle Units	01/26/2016	21,770
Luh, Peter B	United Illuminating Company	Fault Detection and Diagnosis for HVAC Rooftop Units	03/22/2016	100,000
Wang, Lei	NSF/National Science Foundation	INFEWS/T3: ASSISTANCE: A SenSing and Modeling SysTem enAbling efficienT use of resourCEs	03/11/2016	655,415
Zhang, Peng	Eversource	Unintentional Islanding & Frequency Response Analysis	02/02/2016	108,727
<b>Eversource Energy Center</b>			<b>4 Proposals</b>	<b>\$4,880,863</b>
Anagnostou, Emmanouil N	Eversource	Predictive Storm & Damage Modeling for Preparedness and Emergency Response Support	01/29/2016	2,367,895
Volin, John	Eversource	Evaluation of Airborne & Mobile LiDAR Technologies for Monitoring Roadside Vegetation and Utility Infrastructure	01/29/2016	338,062
Volin, John	Eversource	Stormwise: Vegetation Management and Modeling for Storm Resistant Trees, Resilient Power and Sustainable Futures	01/29/2016	1,213,521
Wang, Guiling	NSF/GEO/Directorate for Geosciences	Trading Electricity for Irrigation: An Innovative Approach to Enhancing Food Security in Ethiopia	03/18/2016	961,385
<b>Materials Science and Engineering</b>			<b>1 Proposals</b>	<b>\$239,659</b>
Huey, Bryan	PHS/National Institutes of Health/University of CT Health Center	Acoustic Radiation Force as a Stimulus for Hydrogel-Mediated Bone Repair	02/29/2016	239,659
<b>Mechanical Engineering</b>			<b>20 Proposals</b>	<b>\$8,402,153</b>
Cao, Chengyu	NSF/National Science Foundation	Collaborative Research: An Inchworm-Inspired Novel Optical Fiber Robot Utilizing Filtered High-Gain Control Architecture	02/11/2016	797,047

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Cao, Chengyu	NSF/National Science Foundation	Collaborative Research: Fundamental Research on a Non-Contact Adaptive Sensing Mechanism Using Optically Driven Acoustic Waves for Real Time Fluid Property Distribution Measurement	02/11/2016	119,926
Chiu, Wilson K	DOE/Department of Energy	Three-Dimensional Imaging and Characterization of Complex Microstructures: From Measured Properties to Performance	02/19/2016	451,230
Ilies, Horea T	NSF/National Science Foundation	Systematic Design, Analysis and Control of Manufacturable Nano Machines	02/11/2016	560,846
Jordan, Eric H	United Technologies-Pratt & Whitney	Direct Heat Flux Measurement of TBC with MW & LW IR Camera	03/10/2016	75,000
Ladani, Leila	NSF/National Science Foundation	Multi-Scale Manufacturing of Multi-Functional Composite Materials	03/28/2016	200,000
Li, Ying	NSF/National Science Foundation	Collaborative Research: Design Phononic Bandgap of Mechano-Electrical Metamaterials in Enabling Harvesting and Vibration Isolation	01/27/2016	150,220
Nguyen, Thanh D	PHS/National Institutes of Health	Force-Induced Nerve Regeneration	01/14/2016	423,651
Norato Escobar, Julian A	NSF/ENG/Directorate for Engineering	Computational Design of Programmable Elastic Metamaterials	02/01/2016	266,053
Sung, Chih-Jen	Aviation Industry Corporation of China (AVIC)	Lean-Front-End Combustion Concepts: Survey, Review, and Opportunities	01/28/2016	57,806
Sung, Chih-Jen	DOD/Department of the Army/Spectral Energies, LLC	Enabling Realistic and Useful Modeling of Turbulence-Flame Interactions in Aeropropulsion Simulations	01/19/2016	45,000
Tang, Jiong	NSF/BIO/Directorate for Biological Sciences	EFRI NewLAW: Dual-field Electro-Mechanical Tailoring of Acoustic Wave Propagation in Structures Enabled by Additive Manufacturing	01/12/2016	2,000,000
Tang, Jiong	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	BIGDATA: Collaborative Research: IA: From Bytes to Watts - A Big Data Solution to Improve Wind Energy Reliability and Operations	01/26/2016	323,824
Tasoglu, Savas	American Cancer Society, Inc.	High-Throughput Image Cytometry: Real-Time Monitoring Cancer Cells and Early Detection	03/23/2016	729,000
Tasoglu, Savas	Beckman (Arnold and Mabel) Foundation	Levitational Image Cytometry for Real-Time Interrogation and Monitoring of Cells	01/05/2016	750,000
Tasoglu, Savas	Bladder Cancer Advocacy Network	Low-Cost Standalone Device for Label-Free Circulating Tumor Cell Detection in Patients with Bladder Cancer	03/14/2016	50,000
Tasoglu, Savas	Connecticut Innovations	Magnetic Portable Device for Medical Diagnostics	03/21/2016	500,000
Tasoglu, Savas	NSF/ENG/Directorate for Engineering	Guided Micro-Assembly for Advanced Manufacturing of Soft Living and Hybrid Functional Materials	02/10/2016	454,286
Tasoglu, Savas	PHS/National Institutes of Health	Developing a Platform for Inexpensive, Rapid, and Reliable Cancer Tissue Diagnosis	01/25/2016	299,172
Tasoglu, Savas	PHS/National Institutes of Health	Portable 3D Printed Device for Digital Sickle Cell Monitoring	03/07/2016	149,092
<b>School of Fine Arts</b>			<b>2 Proposals</b>	<b>\$504,384</b>
<b>School of Fine Arts</b>			<b>2 Proposals</b>	<b>\$504,384</b>
Stephens, Robert W	NEH/National Endowment for the Humanities	Gullah Voices: Traditions and Transformations	02/22/2016	179,805
Travis Jr, Roger M	NEH/National Endowment for the Humanities	BuddyPress RPG	02/01/2016	324,579
<b>School of Nursing</b>			<b>10 Proposals</b>	<b>\$9,158,329</b>
<b>School of Nursing</b>			<b>10 Proposals</b>	<b>\$9,158,329</b>
Alexander, Ivy M	DHHS/HRSA/Health Resources and Services Administration	Innovative Clinical-Academic Partnership to Enhance Graduate NP Preparation for Practice	01/14/2016	1,690,873
Alexander, Ivy M	DHHS/HRSA/Health Resources and Services Administration	UConn 2016-2017: Advanced Education Nursing Traineeship (AENT) Program	02/11/2016	344,100



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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Judge, Michelle P	Academy of Nutrition and Dietetics Foundation	Association Between Dietary Omega-3 Fatty Acid Intake Patterns and Psychoneurological Symptoms in Women Following Treatment for Early-Stage Breast Cancer	03/30/2016	5,000
Judge, Michelle P	University of CT Health Center	Role of Long Chain Omega-3 Fatty Acids in Reducing Inflammatory Load, Psychoneurological Symptoms and Expression of Lipogenic Genes in Women Following Treatment for Early-Stage Breast Cancer	02/19/2016	89,545
Lucas, Ruth F	University of CT Health Center	Measuring Neonatal Microstructure During Breastfeeding in Clinical and Home Settings	02/17/2016	81,741
McGrath, Jacqueline M	DHHS/HRSA/Health Resources and Services Administration	UConn Innovation at Work: Scholarships for Disadvantaged Students	01/20/2016	2,583,000
Shellman, Juliette M	DHHS/HRSA/Health Resources and Services Administration	Community Academic Practice Partnership (CAPP-BSN)	01/18/2016	552,448
Starkweather, Angela R	PHS/NIH/National Institute of Nursing Research	Personalized Symptom Management to Reduce Persistent Pain After Cancer Treatment	01/28/2016	2,103,545
Starkweather, Angela R	PHS/National Institutes of Health	Pain Sensitivity in Low Back Pain	03/03/2016	1,658,077
Young, Erin E	Allen Foundation	Genetic Determinants of Inflammatory Hypersensitivity	01/14/2016	50,000
<b>School of Pharmacy</b>			<b>17 Proposals</b>	<b>\$5,581,037</b>
<b>Pharmaceutical Sciences</b>			<b>15 Proposals</b>	<b>\$5,528,468</b>
Balunas, Marcy J	American Association for Cancer Research	Probing Epigenetic Modulation of Metastatic Triple-negative Breast Cancer	01/13/2016	249,999
Burgess, Diane J	American Association of Pharmaceutical Scientists	Formulation Design and Evaluation of Amorphous and Crystalline Nanoparticles	02/19/2016	10,000
Burgess, Diane J	Eli Lilly and Company	Enhancing Oral Bioavailability of Biologics using a Nano-Sized Hollow Molecule	01/27/2016	433,130
Burgess, Diane J	Juvenile Diabetes Research Foundation/University of Montpellier	Root Cause Determination of Catheter Obstructions	03/03/2016	149,955
Chaudhuri, Bodhisattwa	DHHS/CDC/National Institute for Occupational Safety and Health	The Occupational Health and Safety Implications of Carbon Nanotube Manufacturing	02/24/2016	1,527,911
Hadden, Kyle	American Chemical Society/Petroleum Research Fund	Repurposing Itraconazole as an Anticancer Chemotherapeutic	02/23/2016	26,600
Hadden, Kyle	American Foundation for Pharmaceutical Education	Translesion Synthesis Inhibitors as Anti-Cancer Adjuvant Agents	02/19/2016	5,000
Hadden, Kyle	PHS/NIH/National Cancer Institute	Identification of Small Molecule Scaffolds that Modulate ATRX Function	02/18/2016	158,000
Kalonia, Devendra S	Pharmaceutical Research and Manufacturing of America (PhRMA)	Characterizing Surface Hydrophobicity of Protein Molecules and the Role it Plays in Protein-Protein Interactions	01/12/2016	40,000
Kendall, Debra A	PHS/National Institutes of Health	Revealing the Roles of CB1 Conformation and Phosphorylation in its Biased Signaling	02/18/2016	457,980
Pikal, Michael J	PHS/National Institutes of Health/Physical Sciences, Inc	New PAT Tool for Assessing Lyophilization Drying Heterogeneity	03/21/2016	200,000
Shen, Jie	American Association of Pharmaceutical Scientists	Influence of the Liposome Particle Size on Brain Drug Delivery	02/29/2016	40,000
Wright, Dennis	PHS/National Institutes of Health	New Therapeutic Agents for the Treatment of Leukemia	02/01/2016	2,180,393
Wright, Dennis	PHS/National Institutes of Health/University of CT Health Center	Mechanisms of Intermediate Filament Regulation in Ocular Repair	02/23/2016	39,500
Zhong, Xiaobo	American Foundation for Pharmaceutical Education	Short- and Long-Term Alterations of Genes Involved in Pharmacokinetics in Response to Drug Exposure in Early Development	01/12/2016	10,000
<b>Pharmacy Practice</b>			<b>2 Proposals</b>	<b>\$52,569</b>

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Jeffery, Sean M	Main Street Community Foundation/Hartford Healthcare, Inc	Senior Care Continuum Expansion	01/22/2016	35,000
White, Charles M	Native Cardiovascular/Purdue University	A Pilot Study to Determine the Effect of Direct Atrial Myocardial Administration of Antiarrhythmic Drugs on Atrial Defibrillation Threshold	03/31/2016	17,569
<b>School of Social Work</b>			<b>6 Proposals</b>	<b>\$830,527</b>
<b>School of Social Work</b>			<b>6 Proposals</b>	<b>\$830,527</b>
James, Amy	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/Connecticut Community for Addiction Recovery	Targeted Capacity Expansion Peer to Peer (TCE-PTP)	02/09/2016	112,498
Kurz, Brenda	Eastern Connecticut Health Network Community Healthcare Foundation	Evaluation for the Paternal Prenatal Early Attachment	01/05/2016	2,000
Parr, Kathryn E	Johnson (Robert Wood) Foundation/RTI International	Child First RCT	03/08/2016	7,638
Ulaszek, Wendy R	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Servi	SAMHSA Treatment Drug Courts	03/23/2016	194,999
Ulaszek, Wendy R	State of CT General Assembly	Human Trafficking Project	03/03/2016	49,232
Wilson, Cristina	PHS/NIH/National Institute on Drug Abuse	Strengthening Hispanic Fathers and Decreasing HIV/AIDS Risks and Substance Abuse	02/19/2016	464,160
<b>Academic and Service Programs</b>			<b>1 Proposals</b>	
<b>Student Activities</b>			<b>1 Proposals</b>	
Devivo Brassaw, Gina	Jumpstart, Inc	Jumpstart Program at UConn Storrs	03/16/2016	
<b>Vice President for Research</b>			<b>64 Proposals</b>	<b>\$36,106,508</b>
<b>Center for Environmental Sciences and Engineering</b>			<b>16 Proposals</b>	<b>\$10,928,689</b>
Fahey, Robert T	NSF/BIO/Directorate for Biological Sciences	Disentangling the Effects of Physical Canopy Structure and Community Composition on Forest Productivity	01/18/2016	
Helton, Ashley M	DOI/United States Geological Survey	Legacy Nitrogen and Groundwater Lags: The Effects of Historic Nitrogen Application on Contemporary and Future Surface Water Nitrogen Dynamics	02/19/2016	390,434
Lawrence, Beth A	Environmental Protection Agency/Loyola University Chicago	Maintaining High Quality Wetlands in North Michigan	01/19/2016	11,451
Li, Baikun	DOE/Department of Energy	UCR AOI3: Low Cost Real-Time in Situ Sensing Water Quality using Wireless Milli-Electrode Array (WiMEA)	03/14/2016	399,999
Li, Baikun	NSF/ENG/Directorate for Engineering	INFEWS/T3: Smart Dynamic Self-Learning Food/Energy/Water (FEW) Platform: Development and Demonstration Using Anaerobic Digestion (AD) as a Model System	03/15/2016	1,000,000
Li, Baikun	NSF/ENG/Directorate for Engineering	PFI: AIR-TT: Prototype Development and Demonstration of Milli-Electrode Array (MEA) as Real-Time In Situ Profiling Device in Wastewater Treatment Systems	03/30/2016	200,000
Li, Baikun	NSF/National Science Foundation	AIR Option 1 Technology Translation: Prototype Development of Microelectrode Array (MEA) as Real-Time in Situ "Global" Sensing Device in Wastewater Treatment Systems	03/01/2016	
McCutcheon, Jeffrey R	DOI/Department of the Interior	Characterization and Optimization of Forward Osmosis Hybrid Systems: Demonstrating Dual Barrier Protection from Contaminants in Saline Waters	03/01/2016	
McCutcheon, Jeffrey R	DOI/United States Geological Survey	Demonstrating Forward Osmosis for Wastewater Reuse	02/22/2016	373,902

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
McKinney, Melissa A	Indigenous and Northern Affairs Canada/University of Windsor	Spatial Variation in Canadian Arctic Prey Fish Communities and Contaminant Levels: Assessment of Candidate POPs, Selenium and Fatty Acids	01/22/2016	9,027
Swallow, Stephen K	Environmental Protection Agency	The Capacity to Value Nutrient Control in Southeastern Coastal New England: Illuminating Policy Benefits and Creating Revenue for Watershed Restoration	01/20/2016	924,539
Wang, Guiling	NASA/National Aeronautics and Space Administration	Using Remote Sensing Based Evapotranspiration and SMAP Data to Improve Land Surface Modeling	01/13/2016	443,868
Willig, Michael R	NSF/BIO/Directorate for Biological Sciences	Preliminary Proposal: Biodiversity Dynamics of Forest Birds in a Fragmented Landscape: A Hierarchical and Multiscale Perspective	01/19/2016	
Zhang, Chuanrong	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	BIGDATA: Collaborative Research: IA:F: Towards the Geospatial Semantic Web to Transform Big Geospatial Data into Smart Data for Disaster Response	02/09/2016	1,196,819
Zhang, Chuanrong	NSF/GEO/Directorate for Geosciences	INFEWS/T2: An Interoperable Real-Time CyberGIS Decision-Support System for Effective Bioenergy Land Resources Management	03/21/2016	2,224,988
Zhang, Chuanrong	PHS/National Institutes of Health	Accounting for Spatial Uncertainty in Asthma and Air Pollution Association Analysis	02/01/2016	3,753,662
<b>Center for Health, Intervention and Prevention</b>			<b>21 Proposals</b>	<b>\$16,842,276</b>
Andreyeva, Tatiana	PHS/National Institutes of Health/New York University	Supplemental Nutrition Assistance Program Policy Evaluation Pre- and Post-USDA Regulation (SPEAR)	03/18/2016	150,093
Andreyeva, Tatiana	USDA/Economic Research Service/University of Kentucky	ACA Expansion of Medicaid Coverage and Food Insecurity	02/29/2016	72,897
Andreyeva, Tatiana	USDA/Foreign Agricultural Service	University of Connecticut's Faculty Exchange Program in Agricultural Economics	03/28/2016	80,122
Copenhaver, Michael M	PHS/NIH/National Institute on Drug Abuse	HIV Prevention and Adherence Among Priority Drug Using Populations	03/21/2016	731,081
Distefano, Lindsay	PHS/NIH/National Institute of Child Health and Human Development	Local Implementation of Comprehensive Best Practices for Safety in High School Sport Using a Response-Generated Web-Based Platform	02/01/2016	2,223,385
Gibbons, Frederick	PHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Stress, Alcohol Use, Smoking, and Accelerated Epigenetic Aging in African Americans	01/28/2016	2,237,506
Harris, Jennifer L	Johnson (Robert Wood) Foundation/Duke University	Evaluating Healthy Kids' Meal Defaults	01/11/2016	74,808
Huedo-Medina, Tania B	PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Quantitative Models and Methods to Understand and Prevent Celiac Disease	03/03/2016	903,963
Kalichman, Seth C	PHS/NIH/National Institute of Child Health and Human Development	Enhanced STI/NIH Partner Notification in South Africa	01/11/2016	1,367,818
Kalichman, Seth C	PHS/NIH/National Institute on Drug Abuse	Behavioral Intervention to Enhance HIV Test/Treat	01/06/2016	731,450
Kalichman, Seth C	PHS/NIH/National Institute on Drug Abuse	Unified Intervention to Impact HIV Care Continuum	02/18/2016	3,910,173
Leahey, Tricia M	PHS/National Institutes of Health/Rhode Island Hospital	Social Game and Financial Incentives for Smoking Cessation and Weight Maintenance	01/06/2016	327,908
Lepley, Adam S	Eastern Athletic Trainers' Association	Understanding the Origins of Muscle Weakness Following ACL Injury: A Comprehensive Neural and Morphological Approach	03/07/2016	10,000
Lepley, Lindsey K	General Electric Company	Elucidating the Etiology of Patellar Tendonitis	02/02/2016	299,196
Lepley, Lindsey K	National Athletic Trainers Association	Eccentric Exercise to Promote Immediate Beneficial Adaptions in Muscle	02/10/2016	22,998
Park, Crystal	PHS/NIH/National Center for Complementary and Alternative Medicine	Optimizing Outcomes of Yoga for Low Back Pain through Enhanced Self-Regulations	01/12/2016	2,833,012
Pescatello, Linda S	American College of Sports Medicine	The Influence of Cardiorespiratory Fitness on Firefighter Cardiovascular Health Under Conditions of Heavy Physical Exertion (FIT and FIRED UP)	01/07/2016	5,000

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Pescatello, Linda S	PHS/National Institutes of Health	Acute Exercise Responses Signal the Metabolic Fitness Adaptions to Exercise Training	02/29/2016	171,947
Schifano, Elizabeth D	CT Department of Public Health/CT Childrens Medical Center	Easy Breathing Collaboration 2016	03/02/2016	15,000
Schwartz, Marlene B	PHS/National Institutes of Health/University of Pennsylvania	The Impact of Sugar-Sweetened Beverage Warning Labels on Consumer Beliefs and Behaviors	01/06/2016	210,617
Welch, Garry W	PHS/National Institutes of Health	Telehealth and Diabetes Team Care Strategies to Improve Diabetes Medication Adherence for Patients Seen at Community Health Centers	03/01/2016	463,302
<b>Institute of Materials Science</b>			<b>20 Proposals</b>	<b>\$7,907,853</b>
Alpay, Pamiir	United Technologies-Aerospace Systems	UTAS - Center of Excellence	01/13/2016	1,000,000
Burkhard, Peter	PHS/National Institutes of Health/University of Chicago	Adjuvanted SAPN to Prevent Toxoplasmosis	01/21/2016	1,570,640
Chen, Xu	NSF/ENG/Directorate for Engineering	GOALI: Design, Modeling, and Control of Carbon-Monoxide-Laser-Based Power Bed Fusion	02/11/2016	300,000
Gao, Puxian	DOE/Department of Energy	Ultra-Low PGM Loading Nano-Array/Wash-Coat Hybrid Oxidation Catalysts	02/09/2016	60,000
He, Jie	American Chemical Society/Petroleum Research Fund	Polymer-Tethered Nanomers: Controllable Synthesis and Programmable Self-Assembly	03/07/2016	110,000
Jordan, Eric H	United Technologies-Pratt & Whitney	Gradient Rig Testing Simulation of CMAS Damage Progression	01/11/2016	150,000
Kasi, Rajeswari	NSF/MPS/Directorate for Mathematics and Physical Sciences	DMREF: Collaborative Research: Exploiting Conformationally Driven Interactions to Engineer Block Copolymer Self-Assembly	01/06/2016	389,209
Kasi, Rajeswari	NSF/National Science Foundation/Yale University	PFI: AIR-TT: Large Area Fabrication of Next Generation Nanofiltration Membranes with Aligned and Stimuli Responsive Nanopores	03/22/2016	50,000
Lee, Seok-Woo	NASA/National Aeronautics and Space Administration	Development of Small-Volume, High-Precision, and Long-Lifetime Cryogenic Linear Actuators by Using Novel Intermetallic Compounds	03/28/2016	586,648
Nakhmanson, Serge M	NSF/CISE/Directorate for Computer and Information Sciences and Engineering	E2CDA: Type II: Collaborative Research: Energy-Efficient Nanodomain-Wall Electronics	03/24/2016	241,474
Nakhmanson, Serge M	NSF/MPS/Directorate for Mathematics and Physical Sciences	DMREF: Collaborative Research: Adaptive Design Principles for Functional Molecular Ferroelectric Materials	01/08/2016	292,720
Nieh, Mu-Ping	Moderna Therapeutics	Moderna Therapeutics Sponsored Research Agreement	03/10/2016	84,000
Ramprasad, Ramamurthy	NSF/MPS/Directorate for Mathematics and Physical Sciences	DMREF: A Framework for the Accelerated Design of Functional Polymers	01/15/2016	1,600,000
Rusling, James F	PHS/National Institutes of Health	High Affinity Protein-Binding Nanoparticles for Cancer Biomarker Detection and Antibody Purification	02/29/2016	601,404
Suib, Steven L	DOE/Department of Energy/Proton OnSite	Single Step Manufacturing of Low Catalyst Loading Electrolyzer MEAs	03/31/2016	60,000
Sun, Luyi	American Chemical Society/Petroleum Research Fund	Heterogeneous Catalysts Based on Single Layer Nanosheets	03/09/2016	110,000
Sun, Luyi	University of Hartford	Nanocoatings with Outstanding Thermal Insulation and Flame Retardancy for Aerospace Applications	03/15/2016	13,000
Wei, Mei	NSF/ENG/Directorate for Engineering	GOALI: Hierarchical Fabrication of Absorbable Composites for Improved Mechanical Properties using a Dual-Alignment Process	01/26/2016	488,758
Wei, Mei	NSF/ENG/Directorate for Engineering	PFI: AIR-TT: Scale-up and Prototyping of Novel Scaffold Fabrication for Bone Regeneration	03/11/2016	200,000
Wei, Mei	NSF/National Science Foundation	PFI: AIR-TT: Prototyping Apatite/Collagen Scaffolds for Bone Defect Repair	03/01/2016	

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
<b>Sea Grant College Program</b>			<b>7 Proposals</b>	<b>\$427,690</b>
Deguisse, Sylvain	DOC/NOAA/Oceanic and Atmospheric Research	Ariana Spawn - 2017 Knauss Marine Policy Fellowship	03/25/2016	56,500
Deguisse, Sylvain	DOC/NOAA/Oceanic and Atmospheric Research	Jason Zylberman - 2017 Knauss Marine Policy Fellowship	03/25/2016	56,500
Deguisse, Sylvain	DOC/NOAA/Oceanic and Atmospheric Research	Julia Luthringer - 2017 Knauss Marine Policy Fellowship	03/25/2016	56,500
Deguisse, Sylvain	Environmental Protection Agency/State University of New York	New York Sea Grant Support to Connecticut Sea Grant as Partial Support for EPA LISS Research Project R/CTP-51-CTNY (Altabet)	02/10/2016	88,467
Payne, Diana L	Consortium for Ocean Leadership	Support for 2016 Quahog Bowl, The CT-RI Regional Competition for the National Ocean Sciences Bowl	02/12/2016	9,000
Payne, Diana L	National Marine Sanctuary Foundation	Evaluation of the NOAA Teacher at Sea Program	02/23/2016	45,309
Pomeroy, Robert S	Rare	Harnessing Markets to Secure a Future for Near-Shore Fishers	01/14/2016	115,414
<b>University of Connecticut - Storrs &amp; Regional</b>			<b>395 Proposals</b>	<b>\$181,499,495</b>
<b>School of Dental Medicine</b>			<b>19 Proposals</b>	<b>\$12,064,428</b>
<b>Oral Health and Diagnostic Sciences</b>			<b>12 Proposals</b>	<b>\$8,506,984</b>
Aseltine, Robert H.	DHHS/NIH/National Institutes of Health	Improving the Identification and Management of Patients at Risk of Suicide	03/02/2016	4,694,794
Chen, I-Ping	DHHS/NIH/National Institutes of Health	Dimethyl sulfoxide as a treatment of osteoclast defects of craniometaphyseal dysplasia	02/01/2016	438,625
Dongari-Bagtzoglou, Anna I	DHHS/NIH/National Institutes of Health	Oral Epithelial Cells, Candida and PMN Activation	03/14/2016	398,750
Ioannidou, Efthimia	DHHS/NIH/National Institutes of Health	Global comparative effectiveness of non-surgical periodontal therapies	02/02/2016	269,512
Ioannidou, Efthimia	DHHS/NIH/National Institutes of Health	Novel Paradigm to improve inflammatory burden in ESRD	03/11/2016	438,625
Lalla, Rajesh V	DHHS/NIH/National Institutes of Health	Clinical Registry of Dental Outcomes in Head and Neck Cancer Patients	03/28/2016	289,649
Litt, Mark D	DHHS/NIH/National Institutes of Health	Individualized Assessment and Treatment for Marijuana Dependence: Treatment Mechanisms Parent Log #20120280. Award No. 4R01DA012728-14	01/06/2016	563,303
Mina, Mina	Health Resources and Services Administration/DHHS	Postdoctoral Training in General, Pediatric and Public Health Dentistry and Dental Hygiene	03/11/2016	712,014
Peterson, Douglas E	DHHS/NIH/National Institutes of Health	Developing a Translational Mouse Model of Chemotherapy-Induced oral Mucositis	02/22/2016	8,332
Peterson, Douglas E	DHHS/NIH/National Institutes of Health	University of Connecticut Center for Advancing the Management of Pain NIH Center for Excellence for Pain Education(UConn Campus). Award No. 106749/Prime: HHSN271201500087C	02/16/2016	12,936
Reisine, Susan T	DHHS/NIH/National Institutes of Health	Good Oral Health: a Bi-level Intervention to Improve Older Adult Oral Health	02/10/2016	72,158
Wagner, Julie A.	DHHS/NIH/National Institutes of Health	New Proposal Created for Tracy Root on 30-Mar-2016 12:08:35 PM	03/30/2016	608,286
<b>Reconstructive Sciences</b>			<b>7 Proposals</b>	<b>\$3,557,444</b>
Bayarsaihan, Dashzeveg	DHHS/NIH/National Institutes of Health	Regulatory mechanisms associated with haploinsufficiency at 7q11.23 region	02/02/2016	438,625
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	Anti TNF-alpha approach to treat Osteogenesis Imperfecta. Parent Log # 20140469 Award No. 5R21AR066218-02	01/13/2016	210,540
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	Growth factor based enhancement of bone repair	02/01/2016	1,987,800
Kuhn, Liisa T	DHHS/NIH/National Institutes of Health	Engineering embryonic-like bone matrix for bone regeneration	02/05/2016	443,229
Kuhn, Liisa T	DHHS/NIH/National Institutes of Health	Translating hESC-derived matrix to a bone graft product	03/28/2016	125,000

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Maye, Peter F	University of Connecticut Health Center	Cherubism and TGFb Signaling	03/22/2016	25,000
Rowe, David W	DHHS/NIH/National Institutes of Health	Targeted Correction of Dominant Mutations of Type I Collagen Causing Severe OI (Parent Log #20120461)	02/11/2016	327,250
<b>School of Medicine</b>			<b>175 Proposals</b>	<b>\$121,685,627</b>
<b>Calhoun Cardiology Center - CCC</b>			<b>9 Proposals</b>	<b>\$9,509,953</b>
Hinson, John Travis	DHHS/NIH/National Institutes of Health	Metabolic and Developmental Regulation by AMPK in PRKAG2-associated cardiomyopathy	03/10/2016	115,202
Liang, Bruce T	University of Connecticut	Use of Diversity Outbred Mice to Study Cardiotoxicity of Chemotherapeutic Agents Parent Log # 20140254	02/17/2016	10,000
Petry, Nancy M	DHHS/NIH/National Institutes of Health	A psychotherapy development study for a new addictive disorder	02/09/2016	438,625
Petry, Nancy M	DHHS/NIH/National Institutes of Health	ART Adherence and Secondary Prevention of HIV	02/24/2016	635,156
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Reducing Drinking in Methadone Patients	02/01/2016	3,851,366
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Test and Reward High Risk Youth and Young Adults	02/24/2016	3,976,693
Yu, Albert	American Heart Association	TRPM2 mediated inflammation in cardiovascular disease	01/06/2016	51,900
Yue, Lixia	DHHS/NIH/National Institutes of Health	Towards a systems-level understanding of developmental control of the sinoatrial node	02/05/2016	205,130
Yue, Lixia	DHHS/NIH/National Institutes of Health	Towards a systems-level understanding of developmental control of the sinoatrial node	02/23/2016	225,881
<b>Cell Analysis Modeling - CCAM</b>			<b>6 Proposals</b>	<b>\$6,127,804</b>
Blinov, Michael	DHHS/NIH/National Institutes of Health	Framework for simulation and analysis of dynamic multivalent molecular aggregates	02/04/2016	1,972,446
Carson, John H	DHHS/NIH/National Institutes of Health	Pathogenic consequences of CGG repeat deletion in the FMR1 gene	02/09/2016	438,625
Loew, Leslie M	DHHS/NIH/National Institutes of Health	Development of gadolinium-based voltage-sensitive MRI contrast agent and T1 imaging-base fMRI	03/21/2016	262,118
Loew, Leslie M	DHHS/NIH/National Institutes of Health	National Resources for Cell Analysis and Modeling	02/24/2016	1,470,743
Wu, Yi	DHHS/NIH/National Institutes of Health	Regulation of invadopodia formation by the Rac-specific GAP a-chimaerin	02/18/2016	19,489
Yu, Ji	DHHS/NIH/National Institutes of Health	Super-resolution imaging based on reversible labeling	02/01/2016	1,964,383
<b>Cell Biology</b>			<b>13 Proposals</b>	<b>\$11,652,165</b>
Egbert, Jeremy R.	DHHS/NIH/National Institutes of Health	Mechanisms of LH receptor signaling	01/28/2016	1,058,554
Jaffe, Laurinda A	DHHS/NIH/National Institutes of Health	Signal Transduction at Fertilization	01/21/2016	2,312,045
Jaffe, Laurinda A	ImpactAssets	(title modified) Physiological Functions of the NPR2 Guanylyl Cyclase(Leia Shuhaibar-Postdoc.Scholar).	03/03/2016	164,938
Mehlmann, Lisa M	DHHS/NIH/National Institutes of Health	Acquisition of meiotic and developmental competence in mouse oocytes	02/08/2016	1,949,521
Pachter, Joel S.	DHHS/NIH/National Institutes of Health	Regulation of CNS leukocyte extravasation	02/04/2016	2,310,903
Pachter, Joel S.	National Multiple Sclerosis Society	Extracellular vesicles and hES-MSCs as novel tools to aid in the diagnosis & treatment of secondary progressive disease	01/28/2016	706,785
Rodionov, Vladimir I	DHHS/NIH/National Institutes of Health	Regulation of intracellular transport	02/23/2016	2,628,745
Slepchenko, Boris M	DHHS/NIH/National Institutes of Health	Molecular Mechanisms of Cellular Motility	02/24/2016	106,305



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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Smilowitz, Henry M	DHHS/NIH/National Institutes of Health	Activation of Toll Like Receptors by modulation of Endogenous metabolite-A Novel Immunotherapeutic Approach	03/17/2016	66,984
Smilowitz, Henry M	DHHS/NIH/National Institutes of Health	Biocompatible, biodegradable contrast agents for vulnerable plaque	01/05/2016	70,371
Smilowitz, Henry M	DHHS/NIH/National Institutes of Health	Iodine Nanoparticles to Overcome Contrast-Induced Nephropathy	01/04/2016	66,661
Smilowitz, Henry M	Nanoprobes, Inc.	Magnetic Nanoparticle Hyperthermia to Treat Recurrent Head and Neck Cancers	03/30/2016	60,883
Smilowitz, Henry M	Pardee (Elsa U.) Foundation	Magnetic Nanoparticle Thermal Ablation of Head and Neck Cancer	01/20/2016	149,470
<b>Center for Molecular Medicine</b>			<b>3 Proposals</b>	<b>\$834,289</b>
Delany, Anne M	National Institute of Arthritis and Musculoskeletal and Skin Diseases/NIH/DHHS	Role of MIR29 in Osteoclastogenesis	03/14/2016	347,799
Rath, Abhijit	Childs (Jane Coffin) Memorial Fund	The Role of Mismatch Repair Deficiency in Colorectal Cancer Development	01/25/2016	104,000
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health	Are ACF Surrogate Markers for Chemoprevention?	03/01/2016	382,490
<b>Center for Quantitative Medicine</b>			<b>6 Proposals</b>	<b>\$759,429</b>
Konstorum, Anna	Cancer Research Institute, Inc.	Multiscale modeling of synergistic T cell activation for cancer immunotherapy	03/14/2016	175,500
Laubenbacher, Reinhard	DHHS/NIH/National Institutes of Health	Big Genomic Data Skills Training for Graduate Professors	03/08/2016	14,311
Laubenbacher, Reinhard	DOD/Army/Army Medical Research Acquisition Activity	Biomathematics - Canalization: a fundamental design principle of gene regulatory networks. Parent Log # 20130568 Award No. W911NF-14-1-0486	01/08/2016	50,000
Laubenbacher, Reinhard	U.S. Army	Biomathematics - Canalization: a fundamental design principle of gene regulatory networks. Parent Log # 20130568 Award No. W911NF-14-1-0486-P00003	03/08/2016	70,000
Wang, Xiaoyan	DHHS/NIH/National Institutes of Health	Personalized Assessment linking Momentary Symptom Clusters to their Management in Cancer Survivors	02/09/2016	431,538
Wang, Xiaoyan	DHHS/NIH/National Institutes of Health	Statistical Methods for Health Care Utilization and Costs	01/27/2016	18,080
<b>Center for Vascular Biology</b>			<b>4 Proposals</b>	<b>\$1,551,695</b>
Shapiro, Linda H	Connecticut Children's Medical Center	Ferrer/Shapiro Research Support - Postdoc (TBD). Award No. 16-178557-01	01/28/2016	55,033
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Cell-targeted RNA Therapies for Metastatic Castration Resistant Prostate Cancer	01/15/2016	625,000
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Endocytic Regulation of Inflammation	03/30/2016	408,209
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Immune Evasion in Embryonic Stem Cell-based Tissue Repair and Transplantation Parent Log #20140487	02/16/2016	463,453
<b>Clinical And Translational Science Institute (CTSI)</b>			<b>1 Proposals</b>	<b>\$30,217</b>
Kuo, Chia-Ling	American Pain Society	Genetic Determinants of Inflammatory Hypersensitivity	01/12/2016	30,217
<b>Community Medicine and Health Care</b>			<b>4 Proposals</b>	<b>\$925,776</b>
Babor, Thomas F	DHHS/NIH/National Institutes of Health	Public Health Surveillance of Commercial Marketing Linked to NCD Risk Factors	02/24/2016	398,750
McRee, Bonnie G.	Substance Abuse & Mental Health Services Administration	CT SBIRT Health Professions Student Training Program (continuation year 2)	02/17/2016	354,620
Schensul, Stephen L	DHHS/NIH/National Institutes of Health	Identifying Contributing Factors to the Progression of Chronic Kidney Disease of Unknown Etiology in Sri Lanka	02/11/2016	113,971
Tennen, Howard A	DHHS/NIH/National Institutes of Health	Racial/Ethnic Differences in Daily Dynamics of PTSD, Eexual-Risk & Substance Use. Award No. M12A11188 (A08462) / P: 5R01DA031275-05	02/18/2016	58,435

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
<b>Dermatology</b>			<b>2 Proposals</b>	<b>\$91,500</b>
Shahriari, Mona	GlaxoSmithKline	"Study 203120: A Randomized, Blinded, Vehicle-Controlled, Dose-Finding Study of GSK2894512 Cream for the Treatment of Plaque Psoriasis"	03/29/2016	45,750
Shahriari, Mona	GlaxoSmithKline	"Study 203121: A Randomized, Blinded, Vehicle-Controlled, Dose-Finding Study of GSK2894512 Cream for the Treatment of Atopic Dermatitis"	03/30/2016	45,750
<b>Genetics and Developmental Biology</b>			<b>13 Proposals</b>	<b>\$30,187,994</b>
Carmichael, Gordon G	DHHS/NIH/National Institutes of Health	Cocaine Induced Chromatin Remodeling and its Effect on HIV-1 Sites of Integration and Expression of Host-derived...	02/23/2016	588,236
Carmichael, Gordon G	DHHS/NIH/National Institutes of Health	Nuclear-retained long noncoding RNA's	03/08/2016	326,940
Chamberlain, Stormy J.	DHHS/NIH/National Institutes of Health	Population-based mapping and functional illustration of chromatin topology structure codes	03/15/2016	44,860
Chamberlain, Stormy J.	DHHS/NIH/National Institutes of Health	Regulation of UBE3A Genomic Imprinting	02/29/2016	2,310,308
Cotney, Justin	DHHS/NIH/National Institutes of Health	Identification of a Runx1 regulatory network in craniofacial development	02/10/2016	431,398
Cotney, Justin	National Institute of Dental and Craniofacial Research/NIH/DHHS	Identification of human orofacial enhancers and their role in crofacial cells	03/07/2016	244,212
Germain, Noelle	New York Stem Cell Foundation	Analyzing population structure of stem cell-derived neural cultures using single-cell RNA-seq	01/08/2016	105,000
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	Comprehensive Analysis of Functional RNA Elements Encoded in the Human Genome	03/16/2016	21,183,903
Li, James Y.H	DHHS/NIH/National Institutes of Health	Conserved mechanisms underlying generation of Bergmann glia in the cerebellum and basal radial glia in the neocortex	02/17/2016	2,174,941
Li, James Y.H	DHHS/NIH/National Institutes of Health	Molecular mechanisms of differentiation if habenular and thalamic neurons. Parent Log # 20110790 Award No. 4R01MH094914-05	02/09/2016	385,000
Li, James Y.H	University of Connecticut and University of Connecticut Health Center	Determining the Molecular and Cellular Mechanisms that Govern the Formation of bRG and Folding of the Cortex in a Tractable Model	03/22/2016	25,000
Mayer, Bruce J	DHHS/NIH/National Institutes of Health	Spatiotemporal dynamics of Crk adaptor activities	01/26/2016	2,246,460
Mohler, William A	DHHS/NIH/National Institutes of Health	WormGuides: A resource for Global Understanding of Dynamic Embryonic Systems	02/29/2016	121,736
<b>Immunology</b>			<b>8 Proposals</b>	<b>\$7,889,482</b>
Brocke, Stefan	National Multiple Sclerosis Society	Targeting the PDE8-RKIP-Raf-1 kinase signaling complex to treat EAE and MS	02/09/2016	708,528
Clark, Robert B	DHHS/NIH/National Institutes of Health	TLR2 Tolerance in EAE and Multiple Sclerosis	01/29/2016	431,808
Medvedev, Andrei	Alliance for Lupus Research	IRAK4 and systemic lupus erythematosus	01/11/2016	600,000
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	IRAK4 and Sytemic Lupus Erythematosus	01/11/2016	1,993,750
Tseng, Alexander	American Heart Association	The impact of immune cells on adipose mesenchymal stem cells in obesity	01/12/2016	51,900
Vella, Anthony T.	DHHS/NIH/National Institutes of Health	How Proinflammatory Cytokines Block T Cell Death in Vivo (Parent Log #20110191) Award No. 4R01AI042858-16	01/12/2016	440,455
Vella, Anthony T.	DHHS/NIH/National Institutes of Health	Modulation of Biodefense Responses to Microbial Pathogens (Parent Log No 20130817)	02/26/2016	2,672,002
Zhou, Beiyan	DHHS/NIH/National Institutes of Health	MicroRNA Regulated Macrophage Polarization in Adipose Tissue Inflammation	02/24/2016	991,039
<b>Medicine</b>			<b>16 Proposals</b>	<b>\$4,239,846</b>

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Caimano, Melissa J	DHHS/NIH/National Institutes of Health	Identification of genes required by Leptospira interrogans for mammalian host adaptation and/or persistence in the rat	02/03/2016	438,625
Cavallari, Jennifer	National Institute for Occupational Safety & Health/CDC/DHHS	An Integrated Approach to Hearing Preservation Among Construction Workers	03/23/2016	108,000
Cavallari, Jennifer	National Institute for Occupational Safety & Health/CDC/DHHS	Multi Level Predictors of Leisure Time and Work Time Physical Activity Among Firefighters	01/06/2016	11,000
Cavallari, Jennifer	National Institute for Occupational Safety & Health/CDC/DHHS	Occupational Health Psychology	03/09/2016	7,000
Cavallari, Jennifer	National Institute for Occupational Safety & Health/CDC/DHHS	Randomized Controlled Trial of Whole Body Vibration Intervention in Truck Driver	03/17/2016	37,610
Cherniack, Martin G	National Institute for Occupational Safety & Health/CDC/DHHS	Center for the Promotion of Health in the New England Workplace (CPH-NEW)	03/04/2016	25,824
Dieckhaus, Kevin D	Health Resources and Services Administration/DHHS	Ryan White Part A Minority AIDS Initiative (MAI)	02/24/2016	218,062
Dorsky, David I	University of Connecticut Health Center	Use of EBV DNA polymerase for isothermal DNA amplification	02/16/2016	50,000
Dugan, Alicia	National Institute for Occupational Safety & Health/CDC/DHHS	Development and Implementation of a Healthy Sleep Intervention for Correctional Supervisors Using Participatory Action Research	02/29/2016	11,000
Frallicciardi, Alise	Association of American Medical Colleges	Impact of Just in Time Emergency Department Simulation Training on Medical Student Procedural Performance	03/09/2016	10,000
Hurley, Marja M	DHHS/NIH/National Institutes of Health	Growth Factors and Bone Formation in Mice	02/29/2016	1,993,750
Metersky, Mark L.	National Heart, Lung, and Blood Institute/NIH/DHHS	Spectrum of Normal and Pathogenic Epithelial Airway Stem Cells	01/28/2016	179,556
Morales, Crystal	Burroughs Wellcome Fund	Breaking T cell tolerance with costimulation and adjuvants to foster cancer immunotherapy	01/12/2016	60,000
Radolf, Justin D	DHHS/NIH/National Institutes of Health	Characterization of Treponema Pallidum Rare Outer Membrane Proteins. Parent Log # 20120184 Award No. 4R01AI026756-28	01/28/2016	477,374
Rowe, David W	DHHS/NIH/National Institutes of Health	Use of iPS-derived osteoblast and osteoclasts to discriminate between candidate genes obtained by WES as a contributor to human bone disease.	02/10/2016	452,545
Wakai, Sarakei	DHHS/NIH/National Institutes of Health	State Policies for Nutrition and Physical Activity in Schools: A Test of Aggregate and Single Policy Effects on Child...	02/02/2016	159,500
<b>Molecular Biology &amp; Biophysics</b>			<b>12 Proposals</b>	<b>\$5,359,944</b>
Bezsonova, Irina	American Cancer Society, Inc.	How to rescue a tumor suppressor	03/16/2016	792,000
Hao, Bing	DHHS/NIH/National Institutes of Health	Discovery of in Vivo Chemical Probe Inhibitor of Skp2	01/22/2016	358,875
Hao, Bing	DHHS/NIH/National Institutes of Health	Structural studies of substrate recognition and specificity by the SCF ubiquitin ligases (Parent Log # 20110516)	02/02/2016	290,985
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health	Center for Biomolecular NMR Data Processing and Analysis	03/28/2016	1,318,694
Hoch, Jeffrey C	DHHS/NIH/National Institutes of Health	The Molecular Determinants of Zinc Uptake Mediated by HZIP4. Parent Log # 20130163. Award No. 15-210780-00 Amnd. 1 /5R01GM105964-02	02/25/2016	27,358
King, Stephen M	DHHS/NIH/National Institutes of Health	Molecular Analysis of Flagellar Dynein Function (Parent Log #20120421). Award No. 4R01GM051293-21	01/08/2016	384,294
Korzhev, Dmitry M	DHHS/NIH/National Institutes of Health	Dynamics of Processivity Clamp Proteins in Bacterial DNA Replication	01/07/2016	920,858
Schuyler, Adam D	DHHS/NIH/National Institutes of Health	Optimization of Novel Pyranopyridine Efflux Inhibitors. Parent Log # 20150438 Award No.PA #89589-1 / Prime: 5R44A1100332-04	02/25/2016	6,046

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Setlow, Peter	DHHS/NIH/National Institutes of Health	Mutagenesis Induced by a Unique DNA Photolesion in Endospores	01/25/2016	394,762
Setlow, Peter	National Science Foundation	Improvement of Food Safety and Security from the Understanding of DNA Photobiology in Bacillus Cereus Spores	03/16/2016	463,781
Setlow, Peter	VA/Louis Stokes Cleveland VA Medical Center	Unlocking the Sporicidal Potential of Alcohol Against Clostridium Difficile	02/18/2016	60,000
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Role of viral and cellular recombination proteins in HSV DNA replication Parent Log # 20110187. Award No. 4R01AI069136-10	01/06/2016	342,291
<b>NEAG Cancer Center (SOM)</b>			<b>3 Proposals</b>	<b>\$414,587</b>
Andemariam, Biree	DHHS/NIH/National Institutes of Health	HL-Multimodal assessment of pain sensitization in sickle cell disease or MAPSS	01/20/2016	332,865
Andemariam, Biree	Health Resources and Services Administration/DHHS	Region Comprehensive Hemophilia Program Subaward	01/26/2016	20,672
Clement, Jessica	Genentech, Inc.	"An Open-Label, Multicenter, Expanded Access Program for MPDL3280A in Patients with PD-L1-Positive Locally Advanced or Metastatic Urothelial Bladder Cancer After Failure with Platinum-Containing Chemotherapy" Protocol number ML29725	01/21/2016	61,050
<b>Neuroscience</b>			<b>15 Proposals</b>	<b>\$7,551,473</b>
Antic, Srdjan D	DHHS/NIH/National Institutes of Health	Near-Infrared Genetically Encoded voltage Indicators (NIR-GEVIs) for All Optical Electrophysiology (AOE)	01/26/2016	882,494
Chen, Bojun	DHHS/NIH/National Institutes of Health	Novel Proteins Regulating Function and Expression of SLO-2 Potassium Channels. Parent Log # 20140534 Award No. 5R01GM113004-02	01/28/2016	307,038
Crocker, Stephen J.	DHHS/NIH/National Institutes of Health	Proteomic and Functional analyses of Astrocyte Exosomes. Parent Log # 20140476 Award No. 5R21NS087578-02	01/07/2016	197,170
Crocker, Stephen J.	DHHS/NIH/National Institutes of Health	Regulation of Microgliosis in Globoid Cell Leukodystrophy	01/29/2016	2,379,679
Crocker, Stephen J.	National Multiple Sclerosis Society	Evaluating the Endogenous Myelinating Potential of Neural Progenitors in MS using Patient Induced Pluripotent	02/10/2016	666,375
Levine, Eric S	DHHS/NIH/National Institutes of Health	BDNF-Endocannabinoid Interactions in the Cerebral Cortex	01/28/2016	382,811
Levine, Eric S	Simons Foundation	Hyperexcitability in Human Stem Cell-Derived Neurons From 15q Duplication Syndrome Patients	03/23/2016	70,000
Li, Xuejun	Muscular Dystrophy Association	Role of Mitochondria in the specific degeneration of human motor neurons in SMA	01/20/2016	280,500
Mohan, Royce	DHHS/NIH/National Institutes of Health	Mechanisms of Intermediate Filament Regulation in Ocular Repair	03/01/2016	1,606,136
Sirois, Carissa	DHHS/NIH/National Institutes of Health	Contribution of Individual UBE3A Protein Isoforms to the Phenotype of Angelman Syndrome Neurons	03/30/2016	126,057
Verma, Rajkumar	Brain and Behavior Research Foundation	Targeting post stroke depression in aged mice	02/17/2016	70,000
Vishwanatha, Kuruthihalli S	DHHS/NIH/National Institute on Drug Abuse	Role of O-glycosylation in stability, secretion and receptor endocytosis: POMC and opioid receptors	03/28/2016	11,963
Wang, Zhao-Wen	DHHS/NIH/National Institutes of Health	Synaptic Function of BK Channel-interacting proteins	02/29/2016	398,750
Yeh, Mason L.	New York Stem Cell Foundation	Use of stem cell-derived organoids to model neocortical development in dup15q autism patients	01/07/2016	105,000
Zecevic, Nada R	DHHS/NIH/National Institutes of Health	Origin of Cortical Species - Specific Distinctions	02/16/2016	67,500
<b>Orthopaedic Surgery</b>			<b>18 Proposals</b>	<b>\$15,155,354</b>
Adams, Douglas J	DHHS/NIH/National Institutes of Health	Identification of Genes Regulating Bone Matrix Composition and Quality	01/29/2016	2,838,406

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Canalis, Ernesto	DHHS/NIH/National Institutes of Health	Mechanisms of Notch Action in Bone	02/05/2016	99,957
Canalis, Ernesto	DHHS/NIH/National Institutes of Health	Mechanisms of Notch Action in Bone (Parent Log No 20140317)	02/23/2016	354,888
Canalis, Ernesto	DHHS/NIH/National Institutes of Health	Role of Notch Signaling in Osteocytes (Parent Log # 20140318)	02/23/2016	338,849
Drissi, M. Hicham	DHHS/NIH/National Institutes of Health	Runx1 Control of Bone Resorption during Fracture Repair	03/01/2016	100,000
Drissi, M. Hicham	DHHS/NIH/National Institutes of Health	Scaffoldless stem cell approach for joint cartilage regeneration	02/11/2016	2,006,949
Khan, Yusuf M	DHHS/NIH/National Institutes of Health	Acoustic Radiation Force as a Stimulus for Hydrogel-Mediated Bone Repair	03/07/2016	1,828,719
Khan, Yusuf M	Department of Defense	Functionalized allograft for large scale bone defect healing. Parent Log # 20120494 Award No. PA #54081 Amnd 3/DoD W81XWH-14-2-0003	01/11/2016	86,313
Kumbar, Sangamesh G.	DHHS/NIH/National Institutes of Health	Biodegradable Matrices for Bone Healing	02/22/2016	1,968,724
Kumbar, Sangamesh G.	DHHS/NIH/National Institutes of Health	Creating Biodegradable Conducting Polymeric Implants	01/29/2016	445,965
Kumbar, Sangamesh G.	Stevens Institute of Technology	Micro-Nano Matrices for Bone Healing	02/09/2016	239,250
Laurencin, Cato	DHHS/NIH/National Institutes of Health	Force-Induced Nerve Regeneration	02/11/2016	79,796
Mazzocca, Augustus	Arthrex, Inc.	BioComposite (FiberLive) Screw Study	02/29/2016	3,394
Mazzocca, Augustus	Arthrex, Inc.	Flexigraft and Fibrin Clot Growth Factor Release Study - PILOT	02/29/2016	5,249
Nukavarapu, Syam	DHHS/NIH/National Institutes of Health	Autologous Biomaterial and Stem Cells for Bedside Tissue Engineering	02/09/2016	438,625
Nukavarapu, Syam	DHHS/NIH/National Institutes of Health	Unique Matrix Platform for an Integrated Bone Cartilage Interface Regeneration	01/19/2016	1,975,095
Nukavarapu, Syam	National Science Foundation	Biomedical Science and Engineering Summer School	03/28/2016	49,729
Sanjay, Archana	DHHS/NIH/National Institutes of Health	Regulation of Osteoclast Function: Role of Cbl PI3K Complex	02/25/2016	2,295,446
<b>Pediatrics</b>			<b>17 Proposals</b>	<b>\$5,430,699</b>
Briere, Carrie-Ellen	L'Oreal USA	Characterization and Differentiation of Breastmilk Stem Cells and their Influence on Preterm Infant Intestinal Health	01/26/2016	20,000
Bruder, Mary Beth	DHHS/ACL/Administration for Community Living	UCONN A.J. Papanikou Center for Excellence in Developmental Disabilities Education, Research and Service	03/14/2016	547,000
Bruder, Mary Beth	DHHS/NIH/National Institutes of Health	Personal Interests, Social Participation, and the Well-Being of Individuals with Disabilities	02/19/2016	225,000
Bruder, Mary Beth	DHHS/NIH/National Institutes of Health	The Connecticut Leadership Education in Neurodevelopmental and Other Related Disabilities Program (CT LEND)	02/03/2016	2,500,000
Bruder, Mary Beth	Department of Education	National Center for Early Childhood Personnel	02/25/2016	200,000
Chadwick, Jeanne	DHHS/NIH/National Institutes of Health	Feasibility of Mindfulness-based Stress Reduction (MBSR) to treat low SES, inner-city Mothers caring for Children with Autism Spectrum Disorder (ASD)	02/09/2016	621,039
Ferrer, Fernando	Strike 3 Foundation	Breakthrough Therapies Targeting Solid Tumors. Award No. 15-180318-01	01/04/2016	23,148
Finck, Christine M.	DHHS/NIH/National Institutes of Health	A Novel Approach to 3D Esophageal Tissue Engineering	03/09/2016	454,222
Pappagallo, Mariann	Chiesi USA	Symposium on Neonatal Advances: Update on Respiratory Practices	02/24/2016	10,000
Pappagallo, Mariann	Mallinckrodt (Edward Jr.) Foundation	Symposium on Neonatal Advances: Update on Respiratory Practices	02/25/2016	10,000
Salazar, Juan C.	Connecticut Health and Educational Facilities Authority (CHEFA)	Hartford Youth HIV Identification and Linkage Consortium (HYHIL) - Community Health, Education, and Training. Parent Log # 20140608 Award No. 15-180293-01-01	02/29/2016	2,645

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PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Salazar, Juan C.	DHHS/NIH/National Institutes of Health	Hartford Teenage Pregnancy Prevention Initiative (HTTP) Community Mobilization	02/16/2016	5,000
Salazar, Juan C.	DHHS/NIH/National Institutes of Health	Hartford Teenage Pregnancy Prevention Initiative (HTTP)/Evidence Based Intervention Partners	02/16/2016	15,000
Salazar, Juan C.	Health Resources and Services Administration/DHHS	Ryan White A	02/23/2016	0
Salazar, Juan C.	Health Resources and Services Administration/DHHS	Ryan White A. Parent Log # 20150033 Award No. SUB: 15-179377-01-01 / Prime: HHS 2015-16R	02/24/2016	10,000
Salazar, Juan C.	Health Resources and Services Administration/DHHS	Women Infant Children and Youth - HIV Services Connection Consortium	03/01/2016	331,902
Tang-Schomer, Min	DHHS/NIH/National Institutes of Health	Developing Three-Dimensional Patient-Derived Brain Tumor Models for Long-Term Drug Efficacy Assays	03/11/2016	455,743
<b>Psychiatry</b>			<b>11 Proposals</b>	<b>\$4,294,716</b>
Bauer, Lance Owen	DHHS/NIH/National Institutes of Health	Contrave for Weight Loss in African-American Women: Efficacy and Moderation	01/11/2016	438,625
Briggs-Gowan, Margaret	DHHS/NIH/National Institutes of Health	Dimensions of Early Temper Loss Concern: Clinical Utility & Mechanisms	03/07/2016	109,941
Ford, Julian D	Child Health and Development Institute of Connecticut	Consulting Agreement with CHDI	03/08/2016	3,000
Ginsburg, Golda	DHHS/NIH/National Institutes of Health	2/2 Unified Treatment of Adolescent Emotional Disorders in Community Clinics	03/31/2016	38,301
Ginsburg, Golda	DHHS/NIH/National Institutes of Health	Child Anxiety Prevention Study Long Term Extension - CAPSLE	03/30/2016	63,993
Ginsburg, Golda	DHHS/NIH/National Institutes of Health	Enhancing the Capacity of Primary Care Providers: An Effectiveness Trial of the Anxiety Action Plan	02/05/2016	2,804,819
Grasso, Damion	Connecticut Children's Medical Center	Supporting Injury Prevention Center Research. Award No. 16-178520-01	01/28/2016	24,932
Grasso, Damion	DHHS/NIH/National Institutes of Health	Early Life Mechanisms of Intergenerational Transmission of Trauma-Related Risk in Offspring: Epigenetic and Neurodevelopmental Pathways	01/26/2016	447,235
Kamath, Jayesh	Janssen Scientific Affairs, LLC	Protocol R092670SCH4043 "A 12-Month Randomized, Open-Label Study of Caregiver Psycho-education and Skills Training in Patients Recently Diagnosed with Schizophrenia, Schizoaffective Disorder, or Schizophreniform Disorder and Disorder and Receiving Paliperidone Palmitate or Oral Antipsychotic Treatment"	03/29/2016	48,870
Lieberman, Rich	New York Stem Cell Foundation	Regulation of the NMDA NR2A Subunit in Human Neural Cells Following Withdrawal from Alcohol	01/11/2016	105,000
Steffens, David C.	DHHS/NIH/National Institutes of Health	Dorsal Cingulate Activity and Cognitive Decline in Late-Life Depression	02/19/2016	210,000
<b>Surgery</b>			<b>9 Proposals</b>	<b>\$4,324,449</b>
Choudhary, Dharamainder	DHHS/NIH/National Institutes of Health	Electrocatalytic Studies of Toxic Pollutant Activation	03/28/2016	48,662
Kreutzer, Don L	DHHS/NIH/National Institutes of Health	Biomarkers for T1D Diabetic Foot Ulcers	02/29/2016	1,594,998
Kreutzer, Don L	Juvenile Diabetes Foundation	Biomarkers of T1D Disease Progression	01/25/2016	110,000
Maulik, Nilanjana	DHHS/NIH/National Institutes of Health	Angiogenic Regulators in Ischemic Disorders (Parent Log #20140712). Award No. 5R01GM112957-02	02/16/2016	399,913
Naples, James G.	American Neurotology Society	Inner Ear Biomarkers: A Novel Indicator of Early Inner Ear Damage	01/20/2016	25,000
Parham, Kourosh	Department of Defense	Prestin, A Motor Protein of the Inner Ear Outer Hair Cells, As a Biomarker of Hearing Loss in Circulation	03/14/2016	1,411,922
Smith, Phillip	DHHS/NIH/National Institutes of Health	Regulatory Mechanisms in a Homeostatic Model of Geriatric Voiding Problems & Incontinence	02/17/2016	646,772



## Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Process Date	Total Requested Amount
Stevenson, Christina	Society of Surgical Oncology Foundation	Screening Ultrasounds for Breast Density and the Impact of the Connecticut Notification Law	01/07/2016	25,000
Taylor, John A	CicloMed	Ciclopirox and Bladder Cancer	01/20/2016	62,182
<b>UConn Center on Aging</b>			<b>5 Proposals</b>	<b>\$5,354,255</b>
Barry, Lisa Cataldi	DHHS/NIH/National Institutes of Health	Aging Inmates' Suicidal Ideation and Depression (Aging INSIDE) Study	02/02/2016	1,993,750
Fortinsky, Richard H	DHHS/NIH/National Institutes of Health	Community Ambulation Following Hip Fracture. Award No.101855 / Prime: 5R01AG035009-004	03/23/2016	61,933
Haynes, Laura	DHHS/NIH/National Institutes of Health	Aging and Immunity to Infection	03/18/2016	1,952,103
Haynes, Laura	DHHS/NIH/National Institutes of Health	Spectrum of Normal and Pathogenic Epithelial Airway Stem Cells	01/27/2016	647,570
Kuchel, George A	DHHS/NIH/National Institutes of Health	Immunogenomics of Pneumococcal Vaccination	03/03/2016	698,899
<b>Other UConn Health</b>			<b>4 Proposals</b>	<b>\$35,900</b>
<b>Other UConn Health</b>			<b>4 Proposals</b>	<b>\$35,900</b>
Curreri, Joseph	Department of Justice	2015 JAG Violent Crime Prevention (VCP) Grant. Award No. 12JAGSTA_VCP_UHC / P: 2012-DJ-BX-0504	01/07/2016	8,000
Gould, Bruce E	Connecticut Health Foundation	CHWs on the SIM CHW Advisory Committee	02/19/2016	24,900
Guha, Amala	International Society for Ayurveda and Health	Integrating Ayurvedic Approaches with Modern Concepts	02/05/2016	1,000
Henderson, David	Gold (Arnold P.) Foundation	The Leonard Tow Humanism in Medicine Award. Award No. ID# LT-16-070	02/05/2016	2,000
<b>University of Connecticut Health</b>			<b>198 Proposals</b>	<b>\$133,785,955</b>
<b>Grand Total</b>			<b>593 Proposals</b>	<b>\$315,285,450</b>