



Office of the Vice President for Research

# List of Proposals Submitted FY2018 4th Quarter

April 1, 2018 – June 30, 2018

Volume 18.4

## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>College of Agriculture, Health and Natural Resources</b>			<b>57 Proposals</b>	<b>\$19,993,008</b>
<b>Agricultural and Resource Economics</b>			<b>6 Proposals</b>	<b>\$955,080</b>
Andreyeva, Tatiana	USDA/Food and Nutrition Service/CT Department of Education	Supporting Child and Adult Care Food Program (CACFP) Sponsors in Connecticut	04/23/2018	21,086
Andreyeva, Tatiana	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Improving Nutrition Standards in Early Childhood Education Settings	05/11/2018	65,000
Pomeroy, Robert S	USDA/National Institute of Food and Agriculture	Business Planning for Kelp Aquaculture in New England	05/17/2018	295,126
Nemec, Rebecca	Wholesome Wave	Wholesome Rx Cost-Benefit Analysis	05/31/2018	10,079
Pomeroy, Robert S	Rare	Creating value for small scale fishers	06/07/2018	79,400
Bravo-Ureta, Boris E	USAID/US Agency for International Development	Impact Evaluation of Technological Innovations in Groundnut Farming in Malawi	06/29/2018	484,389
<b>Agriculture and Natural Resources Dean</b>			<b>1 Proposals</b>	<b>\$772,562</b>
Venkitanarayanan, Kumar S	DHHS/FDA/Food and Drug Administration	NARMS: Prevalence of Antibiotic Resistant Salmonella, Campylobacter, E. Coli and Intercocci in Retail Meats in Connecticut	05/01/2018	772,562
<b>Allied Health Sciences</b>			<b>6 Proposals</b>	<b>\$4,863,737</b>
Lai, Laijun	DHHS/NIH/National Institutes of Health	Modeling and Preventing Chronic Graft-Versus Host Disease by ESC-Derived Thymic Epithelial Cells	05/22/2018	1,994,200
Lai, Laijun	DHHS/NIH/National Institutes of Health	rIL-7/HGFbeta Directs HSC Differentiation from HSC Precursors	05/24/2018	1,994,200
Pagoto, Sherry	Boston University	Facebook to Motivate Cessation among Smokers with Mobility Impairments	05/14/2018	380,716
Duffy, Valerie B	American Institute for Cancer Research/University of Connecticut Health Center	Ellagic acid, urolithins and microbial communities associated with colonic neoplasia	05/08/2018	25,106
Pagoto, Sherry	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Optimizing Psychiatric Treatment in MAternal Mental Health (OPTIMA) Center	04/25/2018	429,117
Silbart, Lawrence K	Torigen Pharmaceuticals	Characterization of Immune Activation Following Vaccination with Autologous Canine Cancer Cavvines	04/09/2018	40,398
<b>Animal Science</b>			<b>2 Proposals</b>	<b>\$2,972,260</b>
Zinn, Steven A	NSF/National Science Foundation	CPS: TTP Option: Medium: Predictive Analytics and Optimal Control for Precision Dairying via Robotic Milking Systems	05/09/2018	999,999
Tang, Young	DHHS/NIH/National Institute of Child Health and Human Development	JAK/STAT Regulated 3ertoll Cell Homeostasis and Male Fertility	06/05/2018	1,972,261
<b>Extension</b>			<b>10 Proposals</b>	<b>\$1,610,898</b>
Cutz, German R	USDA/Department of Agriculture/KNOX	Heightening the Presence of Ethnic Farming and USDA in Connecticut	05/15/2018	68,012
Bonelli, Joseph A	Northeast Region Sustainable Agriculture Research and Education Program	Nutrition's Role in Sustainable Livestock Production Practices	06/04/2018	75,110
Martin, Jennifer L	USDA/National Institute of Food and Agriculture	Soul Harvest: New and Beginning Farmer Training Program for POC	05/15/2018	157,553
Ricard, Robert M	USDA/National Institute of Food and Agriculture	Inland and Coastal Flooding Preparation, Mitigation and Recovery in Contiguous States	06/15/2018	114,439
Barrett, Juliana	National Fish and Wildlife Foundation/Lynde Point Land Trust	Fenwick Resilience Project	05/04/2018	15,536
Getchis, Tessa L	USDA/Natural Resources Conservation Service	Conservation, Management and Restoration Priorities and Practices for Connecticut Shellfish	06/01/2018	74,916

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Martin, Jennifer L	USDA/Food and Nutrition Service/CT Department of Education	Farm to School Outreach and Training for SFAs, Farmers, and Champions	04/06/2018	71,176
Martin, Jennifer L	USDA/Agricultural Marketing Service	Increasing Market Opportunities for Farmers Markets and CSAs in Connecticut	05/07/2018	453,550
Meader, Joyce E	USDA/National Institute of Food and Agriculture	Connecticut AgrAbility Project	04/30/2018	180,000
Hirsch, Diane W	DHHS/FDA/Food and Drug Administration/CT Department of Agriculture	Produce Safety MOU with the Connecticut Department of Agriculture	06/14/2018	400,606
<b>Kinesiology</b>			<b>7 Proposals</b>	<b>\$4,540,682</b>
LaFerrier, Justin Z	VA/Department of Veterans Affairs/University of Pittsburgh	Comprehensive Training in Adaptive Cycling	04/30/2018	30,619
Mazerolle, Stephanie M	National Athletic Trainers Association	Examining the Professional Socialization of Athletic Training Students from Ethnically Diverse Background	04/02/2018	5,000
Taylor, Beth M	Amgen/Hartford Hospital	Relationships Between Serum PCSK9 Levels and Neurocognition in Healthy Adults	05/08/2018	65,762
Lee, Elaine	DOD/Navy/Naval Submarine Medical Research Laboratory/Leidos	Validation of an Exhaled Nitric Oxide (NO) Based Model of Hyperbaric Oxidative Stress and Pulmonary Oxygen Toxicity Susceptibility Pre- and Post-Dive	05/23/2018	100,000
Casa, Douglas J	City of Hartford, CT	Relationship Between SMSA, Classical, HPS & UConn	05/31/2018	249,314
Casa, Douglas J	City of Hartford, CT	Relationship Between Hartford Public Schools & UConn	05/31/2018	272,911
DiStefano, Lindsay	DHHS/NIH/National Institutes of Health	Sport Training to Reduce Injuries and Develop Excellence (STRIDE): Disseminating Injury Prevention Strategies to Keep Children Active for Life	06/05/2018	3,817,076
<b>Natural Resources and the Environment</b>			<b>3 Proposals</b>	<b>\$641,560</b>
Witharana, Chandni	NSF/National Science Foundation	Collaborative Research: Ehydrological linkages of Arctic riparian shrub expansion to water, permafrost and soil microbiome	06/05/2018	368,073
Witharana, Chandni	Gates (Bill and Melinda) Foundation	Small Drones, Big Changes: Development of an Extensible System for Spatially Explicit Insect and Disease Analytics Based on Unmanned Aerial System (UAS) Technologies	05/01/2018	100,000
Parent, Jason R	DOC/National Institute of Standards and Technology (NIST)/Enfield Fire Department, CT	Creating a Catalog of Point Clouds for Public Buildings in Enfield, Connecticut	04/20/2018	173,487
<b>Nutritional Sciences</b>			<b>3 Proposals</b>	<b>\$288,998</b>
Chun, Ock K	DHHS/NIH/National Institutes of Health	Does Citrus Consumption Increase Melanoma Risk?	06/22/2018	161,000
Kohan, Alison	Cystic Fibrosis Foundation	Is Chylomicron Synthesis and Secretion a Driver of Intestinal Disease in CF	05/07/2018	108,000
Fernandez, Maria-Luz	American Egg Board/Egg Nutrition Center	Plasma TMAO and Choline Levels in Individuals with Metabolic Syndrome - Comparison Between Eggs and Choline Supplement Intake	04/19/2018	19,998
<b>Pathobiology</b>			<b>7 Proposals</b>	<b>\$3,035,750</b>
Geary, Steven J	DHHS/NIH/National Institutes of Health	Coinfections as Factors Facilitating the Emergence of Pathogens in Novel Hosts	06/05/2018	2,002,750
Smyth, Joan	USDA/Animal and Plant Health Inspection Service	NAHLN VETDX Member Lab Cooperative Agreement 2018	06/26/2018	137,000
Deguisse, Sylvain	EPA/Environmental Protection Agency	Research to Accomplish the Long Island Sound Study's Goals (FY 2018 CTSG share)	06/01/2018	650,000
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2019-Creedon	04/06/2018	61,500
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2019 - Reville	04/06/2018	61,500

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Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2019 - Chang	04/06/2018	61,500
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2019 - Li	04/06/2018	61,500
<b>Plant Science and Landscape Architecture</b>			<b>12 Proposals</b>	<b>\$311,481</b>
Allen, Joan	USDA/National Institute of Food and Agriculture/Cornell University	Regional Center Plant Diagnostic Facility	05/21/2018	24,600
Morris, Thomas F	USDA/Natural Resources Conservation Service	Increase in Soil Test Phosphorus from Manure and Fertilizer Applications	06/01/2018	74,999
Morris, Thomas F	USDA/Natural Resources Conservation Service	Soil Test Phosphorus Critical Level for Connecticut Soils	06/01/2018	74,998
Raudales Banegas, Rosa E	Horticultural Research Institute	Algae control in irrigation water for container production	05/31/2018	34,982
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Biological Control of Mile-a-Minute Weed (Persicaria Perfoliata) with Rhinocomimum Latipes FY2018	06/26/2018	1,500
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	CAES Orchard Survey	05/04/2018	5,000
Lubell-Brand, Jessica D	USDA/Department of Agriculture/CT Department of Agriculture	Connecticut Native Shrub Cultivars	04/11/2018	23,085
Rackliffe, Steven	National Turfgrass Evaluation Program	2017 National Turfgrass Evaluation Program	04/11/2018	7,500
Concklin, Mary E	USDA/National Institute of Food and Agriculture/University of Massachusetts, Amherst	Developing a Multi Life-Stage Management Strategy for Apple Maggot, A Persistent Tree Fruit Pest in the Northeast, through the Integration of Attract-and-Kill and Biological Control	04/27/2018	19,998
Lubell-Brand, Jessica D	Horticultural Research Institute	Evaluating Pollinator Support of Shrub Nativars	05/02/2018	24,869
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	CAES Solanaceous Survey	05/04/2018	5,000
Legrand, Ana	Northeast Region Sustainable Agriculture Research and Education Program	Drought-Resistant Floral Resources for Pollinators and Insect Natural Enemies	05/08/2018	14,950
<b>College of Liberal Arts and Sciences</b>			<b>99 Proposals</b>	<b>\$44,305,890</b>
<b>Anthropology</b>			<b>2 Proposals</b>	<b>\$146,062</b>
Munro, Natalie	NSF/National Science Foundation	The Forage-Farmer Transition and the Emergence of Animal Domestication in the Upper Jordan Valley, Israel	06/29/2018	114,096
Smith, Chrystal A	NSF/National Science Foundation/University of South Florida	Understanding Environmental Factors that Influence STEM Students' Motivation to Act Ethnically in the Classroom and in the Workplace	04/17/2018	31,966
<b>Chemistry</b>			<b>13 Proposals</b>	<b>\$5,961,839</b>
He, Jie	DOE/Department of Energy	Copper-Containing Polymers as Bio-Inspired Catalysts for Aerobic Hydroxylation of Phenols and Oxidation of Primary Alcohols	04/04/2018	848,708
Rouge, Jessica	Connecticut Innovations/Yale University	Novel Targeted Nucleic Acid Nonocapsule-Delivered Therapeutics for Treating Optic Neuropathies	04/05/2018	10,000
Suib, Steven L	United Technologies-Aerospace Systems	UTAS Center of Excellence High Temperature Composites	04/13/2018	150,000
Rouge, Jessica	DOD/Department of Defense/University of Connecticut Health Center	Retinal ganglion cell-targeted nanocapsule for sustained regeneration for injured axonal tissue	06/21/2018	100,000
Peczuh, Mark W	DHHS/NIH/National Institutes of Health	A Platform for Identifying Glycosylated Small Molecule Lead Compounds	06/18/2018	442,750
Kasi, Rajeswari	DOE/Office of Energy Efficiency and Renewable Energy/Brown University	Next-Generation Perovskite Solar Cells and Modules with Engineered Grain Boundaries and Interfaces	06/14/2018	240,000

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Suib, Steven L	DOE/Office of Energy Efficiency and Renewable Energy/Skyre	Low-Cost Integrated Porous Transport Layers for High-Pressure Water Electrolyzers and Electrochemical Hydrogen Compressors	06/08/2018	500,000
Kumar, Challa V	NASA/National Aeronautics and Space Administration/Mark O'Neill	25x Space Fresnel Lens Concentrator Using 4(+) Junction IMM Solar Cells and Nyctinastic Graphene Radiators to Mitigate LILT Effects for Outer Planet Missions	06/06/2018	185,000
Suib, Steven L	DHHS/NIH/National Institutes of Health/Rowan University	Engineering 3D Printed Bioelectronics as Smart Self-Oxygenating Tissue Scaffold	06/04/2018	289,373
Mani, Tomoyasu	DOE/Brookhaven National Laboratory	Coherence in Charge Pairs for QIS	05/23/2018	18,006
Rusling, James F	DHHS/NIH/National Institutes of Health	Ultrasensitive Immuoarrays for Low Cost Multiplexed Protein Detection	05/24/2018	2,194,949
Sotzing, Gregory A	Gentex	Development of Electrochromic Eyewear	05/21/2018	185,504
Mani, Tomoyasu	DOE/Department of Energy	Generation of Triplets of Organic Molecules for Harvesting Solar Energy	04/04/2018	797,549
<b>Ecology and Evolutionary Biology</b>			<b>7 Proposals</b>	<b>\$2,922,803</b>
Yarish, Charles	EPA/Environmental Protection Agency	Fostering Stewardship of Healthy Coastal Ecosystems in Long Island Sound using Interactive Display at Maritime Aquarium	04/11/2018	100,000
Taylor, Sarah	CT Department of Energy and Environmental Protection	Environmental Review of Impacts to State-Listed Plants from DEEP Projects Implemented on State Lands	04/26/2018	10,217
Wegrzyn, Jill L	NSF/National Science Foundation/Washington State University	Collaborative Proposal: Framework: Data: HDR: Science-driven Cyberinfrastructure for the Tripal Cooperative (Tripal Co-op)	04/18/2018	1,204,715
Turchin, Peter	DOD/Army/Army Research Office	Understanding Human Resilience: The Role of the Strength of Social Norms	05/16/2018	367,346
Yarish, Charles	USDA/National Institute of Food and Agriculture/Pennsylvania State University	Deciphering the Crosstalk Between Bacteria-Archaea Interactions in the Rumen and Methane-Yield Phenotype of Dairy Cows	05/18/2018	33,077
Yarish, Charles	DOE/Advanced Research Projects Agency/University of Southern California	Development of Genetics-based Selective Breeding of Sterile Kelp	06/29/2018	253,976
Urban, Mark C	NASA/National Aeronautics and Space Administration	Overcoming Adaption: How Colonization, Evolution, and Competition Determine the Assembly of Extremophile Communities	05/24/2018	953,472
<b>Economics</b>			<b>1 Proposals</b>	<b>\$30,030</b>
Prakash, Nishith	Azim Premji University	Social Ties and Bureaucratic Corruption	04/10/2018	30,030
<b>Geography</b>			<b>3 Proposals</b>	<b>\$90,000</b>
Ghosh, Debarchana	Aetna Foundation	"Do More than Just Say No" for Addiction and Violence	05/02/2018	
Trumbull, Nathaniel S	United States Embassy, Moscow	Siting for decommissioning of nuclear power plants in the U.S. and Russia: Lessons learned from socio-economic aspects of decommissioning of nuclear power plants in the U.S. and Russia	06/29/2018	50,000
Dasgupta, Debanuj	Mellon (Andrew W.) Foundation/Social Science Research Council	Queering Inter-Asian Linkages	05/04/2018	40,000
<b>Human Development and Family Studies</b>			<b>5 Proposals</b>	<b>\$2,059,155</b>
Puhl, Rebecca M	American Diabetes Association	The sham in shame: weight stigma hinders prevention and treatment in Type-2 diabetes	04/10/2018	521,764
Puhl, Rebecca M	American Diabetes Association	The sham in shame: weight stigma hinders prevention and treatment in Type-2 diabetes	04/16/2018	117,360
Larusso, Maria	Spencer Foundation	Children Do Well If They Can: Changing Mindsets About Student Misbehavior	05/01/2018	49,679

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Gans-DeLuca, Kim M	DHHS/NIH/National Institutes of Health/Brown University	An Innovative Navegante-delivered Intervention to Prevent and Treat Metabolic Syndrome among Northeastern Hispanic Adults	05/18/2018	388,779
Watson, Ryan J	DHHS/NIH/National Institutes of Health	PrEP and Substance Use Among Sexual Minority Young Adults	05/07/2018	981,573
<b>Literature, Culture and Languages</b>			<b>1 Proposals</b>	<b>\$499,358</b>
Nanclares, Gustavo	DOD/Department of Defense/Institute of International Education	Project GO Proposal for Arabic, Korean, and Mandarin Chinese Summer Overseas Immersion Programs	05/01/2018	499,358
<b>Marine Sciences</b>			<b>10 Proposals</b>	<b>\$495,802</b>
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for ESP Deployment and Recovery	04/24/2018	92,388
Lombardo, Kelly	DOC/NOAA/National Oceanic and Atmospheric Administration	Exploring the Influence of Surface Heterogeneities on Low-level Vertical Vorticity and Polarimetric Radar Signatures in Idealized Quasi-Linear Convection Systems	04/12/2018	123,822
Matassa, Catherine M	Westport River Watershed Alliance (WRWA)	Identifying the Drivers of Marsh Loss in the Westport River	04/25/2018	12,126
Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Bigelow Laboratory for Ocean Sciences	Charter of R/V Connecticut for Bigelow Lab Gulf of Maine Survey	04/24/2018	30,800
Bucklin, Ann	TED Conferences/Woods Hole Oceanographic Institution	Ocean Twilight Zone Project: Biodiversity Theme	06/14/2018	23,477
Cabaniss, Joseph T	DOC/NOAA/National Marine Fisheries Service	Charter of R/V Connecticut by NOAA to Recover and Deploy Acoustics Recording Units	05/18/2018	88,000
Vaudrey, Jamie M	Connecticut Fund for the Environment	2018 UWS Chlorophyll Analysis	05/29/2018	2,304
Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Skidmore College	Charter of R/V Connecticut by Skidmore College for Equipment Testing	06/07/2018	26,400
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Maine	Charter of R/V Connecticut by University of Main - Wallinga Bouy Maintenance June 2018	06/06/2018	46,546
Lund, David C	NSF/National Science Foundation	Anomalous submarine volcanism during glacial terminations: Exploring archives from the Global mid-ocean ridge system	06/11/2018	49,939
<b>Mathematics</b>			<b>1 Proposals</b>	<b>\$3,000</b>
Vadiveloo, Jeyaraj	Voya Financial	VOYA Financial	06/19/2018	3,000
<b>Molecular and Cell Biology</b>			<b>13 Proposals</b>	<b>\$7,780,733</b>
Core, Leighton J	American Cancer Society	Control of Post-Mitotic Genome Reactivation by Transcription Elongation	04/02/2018	790,000
Lynes, Michael A	Biohaven Pharmaceuticals Holding Company	UC1MT Antibody Characterization Studies	04/06/2018	75,954
Gogarten, Johann P	NASA/National Aeronautics and Space Administration/University of Hartford	Evolution of molecular parasites to elucidate genomic characteristics of LUCA	04/17/2018	8,000
Mellone, Barbara	DHHS/NIH/National Institutes of Health	Genetic and Epigenetic Determinants of Centromere Identity	05/17/2018	2,787,146
Gogarten, Johann P	NASA/National Aeronautics and Space Administration	Inferring gene families present the last universal cellular common ancestor	05/24/2018	504,160
Broderick, Nichole	DHHS/NIH/National Institutes of Health/University of California, San Francisco	Studying Inclusive Mentor Networks to Diversify the Biomedical Workforce	05/29/2018	227,745
Cole, James L	DHHS/NIH/National Institutes of Health	Regulation of PKR by Dimerization	06/18/2018	442,750
Heaslip, Aoife	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Genomic Center for Infectious Diseases	06/12/2018	1,510,088
Robinson, Victoria L	DHHS/NIH/National Institutes of Health	Toward Defining the Role of the 30S: BipAComplex	06/18/2018	442,750

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Papke, Robertson T	DHHS/NIH/National Institutes of Health/College of the Holy Cross	Conditional Protein Splicing of Inteins from Extreme Thermophiles and Halophiles: Structure, Mechanism, and Function	06/18/2018	30,000
O'Neill, Michael J	DHHS/NIH/National Institutes of Health	Investigating a New Loss-of-Function Model fro the Xlr3 Gene Family	06/27/2018	442,750
Cole, James L	DHHS/NIH/National Institutes of Health/Emphutos Therapeutics	Activators of the antiviral kinase PKR	04/02/2018	116,890
Core, Leighton J	DHHS/NIH/National Institutes of Health/Dana Farber Cancer Institute	Single-cell analysis of TNF-induced signaling, transcription and fate decisions	06/28/2018	402,500
<b>Physics</b>			<b>8 Proposals</b>	<b>\$5,407,478</b>
Tease, Katherine E	NASA/National Aeronautics and Space Administration/University of Hartford	Examining High Redshift Rotation Curve Outside the Local Universe	06/01/2018	5,000
Berrah, Nora	DOE/Department of Energy	Attosecond Electron dynamics in Molecules using Non-Linear Multidimensional Methodologies at LCLSII	05/21/2018	4,500,000
Trump, Jonathan R	NASA/National Aeronautics and Space Administration	The Fossil Record of Supermassive Black Hole Seeds	05/17/2018	233,474
Trump, Jonathan R	NASA/National Aeronautics and Space Administration	Black Hole Spin from Quasar Spectral Energy Distributions	05/17/2018	233,474
Tease, Katherine E	NASA/National Aeronautics and Space Administration	3D-Herschel: Completing the CANDELS/3D-HST Legacy with a New Bayesian Framework for Deriving Galaxy Properties	05/17/2018	417,530
Berrah, Nora	DOE/Department of Energy	Attosecond Electron Dynamics in Molecules using Non-Linear Multidimensional Methodologies at LCLSII	04/25/2018	
Battersby, Cara	NASA/National Aeronautics and Space Administration/University of Hartford	Unveiling the Structure of our Galaxy's Center: Seed Funding to Demonstrate Near/Far Distance Discrimination Techniques	04/17/2018	10,000
Battersby, Cara	NASA/National Aeronautics and Space Administration/University of Hartford	Comparison of Simulation and Observation of Star Formation in the Central Molecular Zone	04/17/2018	8,000
<b>Physiology and Neurobiology</b>			<b>14 Proposals</b>	<b>\$9,467,011</b>
Menuz, Karen A	DHHS/NIH/National Institutes of Health	Cellular and molecular basis of ammonia detection in Drosophila	06/18/2018	442,750
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	The Role of the Minor Spliceosome in Jaw Development	06/18/2018	442,750
Loturco, Joseph J	DHHS/NIH/National Institutes of Health/University of Texas Southwestern Medical Center, Dallas	Mechanism of communication between gliomas and glial cells	06/28/2018	75,000
Loturco, Joseph J	Beckman (Arnold and Mabel) Foundation	UConn Beckman Scholars Program	06/15/2018	156,000
Ostroff, Linnaea E	DHHS/NIH/National Institutes of Health	Preservation of brain tissue for serial electron microscopy with sequential immunolabeling	06/15/2018	442,750
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Regulation of Photoreceptor Metabolism	06/14/2018	69,750
Wang, Li	VA/Connecticut Healthcare System	IPA VA Connecticut Healthcare System_M. Tran	04/05/2018	56,981
Conover, Joanne	DHHS/NIH/National Institutes of Health	Disease Mechanisms of Prenatal and Pediatric Post-Infectious Hydrocephalus	06/01/2018	2,012,500
O'Connell, Christopher B	DHHS/NIH/National Institutes of Health	3D STED Super Resolution Microscope	05/25/2018	999,944
Loturco, Joseph J	DHHS/NIH/National Institutes of Health	UConn Undergraduate Training Program for Maximizing Access to Research Careers	05/24/2018	1,566,498
Sun, Jianjun	Gates (Bill and Melinda) Foundation	A high-throughput platform for screening non-hormonal contraceptives	05/08/2018	710,000
Wang, Li	VA/Connecticut Healthcare System	VA Connecticut Healthcare System_J.Wu	05/10/2018	91,041
Nishiyama, Akiko	National Multiple Sclerosis Society	VAMP2-Mediated Exocytosis in Oligodendrocyte Lineage Cells fro Myelination	05/09/2018	55,000
Wu, Jianguo	DHHS/NIH/National Institutes of Health	Intrahepatic metabolism reprogramming in liver regeneration	06/05/2018	2,346,047

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<b>Psychological Sciences</b>			<b>16 Proposals</b>	<b>\$8,191,679</b>
Hancock, Roeland	DHHS/NIH/National Institutes of Health	Incorporating Neurochemistry in Individualized Models of Cortical Dynamics	06/05/2018	2,875,894
Swadlow, Harvey A	DHHS/NIH/National Institutes of Health	The Role of LGN Directional Selectivity in Visual Cortical Processing	06/18/2018	442,750
Hoelt, Fumiko	Chan Zuckerberg Initiative/University of California, San Francisco	Development and Validation of Precision Learning Executive Function App (PLEF)	06/15/2018	66,438
Park, Crystal	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	RCT of Yoga to Improve Quality of Life and Fatigue in Pediatric Cancer Patients in Active Treatment	05/23/2018	954,925
Park, Crystal	DHHS/NIH/National Institutes of Health	Effects of Psychological Trauma and Cognitive Appraisals on Cardiovascular Stress Reactivity	04/09/2018	92,468
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health	Auditory Perception and Language Milestones in Children with Autism	04/09/2018	45,704
Naigles, Letitia	DHHS/NIH/National Institutes of Health	ABR and the Mental Lexicon in Typically Developing Children and Children with ASD	04/09/2018	140,355
Park, Crystal	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Emotion Regulation Interventions for Preventing Collegiate Escalations in Drinking: A Randomized Controlled Trial to Establish Acceptability, Feasibility and Preliminary Efficacy	04/12/2018	722,250
Fitch, Roslyn H	Hood (Charles H.) Foundation	Novel Screening and Treatment for Neurological Injury of Prematurity	05/18/2018	
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health	Training in the Cognitive Neuroscience of Communication	05/24/2018	1,824,256
Park, Crystal	DHHS/NIH/National Center for Complementary and Integrative Health/University of Minnesota	Feasibility of Mantram Repetition for People managing Chronic Pain and Cognitive Impairment	05/23/2018	66,901
Paxton, Alexandra E	Mozilla	From cradle to grave: Understanding the life cycle of open-source software communities	05/01/2018	20,850
Suanda, Sumarga H	McDonnell (James S.) Foundation	How the Dynamics of Early Interactions Shape Word Learning	05/02/2018	600,000
Barnes-Farrell, Janet L	DHHS/CDC/Centers for Disease Control and Prevention/University of Massachusetts, Lowell	Influence of Work on Aggressive Driving Behaviors: Understanding Mechanisms that Influence Employee Safety during the Commute (Center for the Promotion of Health in the New England Workplace)	05/10/2018	12,024
Paxton, Alexandra E	Twitter/Data for Democracy	A Dynamic Systems Approach to Creating Healthy Conversations, Communities, and Connections on Twitter	04/13/2018	234,396
Sheya, Adam	DHHS/NIH/National Institutes of Health	Coordinated Actions, Connected Minds: The Influence of Joint Action on the Development of Social Cognition	04/09/2018	92,468
<b>Public Policy</b>			<b>1 Proposals</b>	<b>\$191,327</b>
Brunner, Eric J	Smith Richardson Foundation	The Effect of Attending a Career Technical High School on Employment & Earnings	05/10/2018	191,327
<b>Speech, Language and Hearing Sciences</b>			<b>3 Proposals</b>	<b>\$834,901</b>
Myers, Emily	NSF/National Science Foundation	Individual Differences in Neural Precision for Speech Processing	04/17/2018	742,639
Myers, Emily	Brain Research Foundation	Neural precision for speech perception in noise-exposed adults	06/22/2018	
Coelho, Carl A	DHHS/NIH/National Institutes of Health	Priming Cognitive-Linguistic Processes in Persons with Traumatic Brain Injury	04/09/2018	92,262
<b>Statistics</b>			<b>1 Proposals</b>	<b>\$224,712</b>
Harel, Ofer	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Examining the Role of Mortality in Masking Racial Disparities in Hospitalizations for Heart Failure	04/09/2018	224,712
<b>NEAG School of Education</b>			<b>7 Proposals</b>	<b>\$6,685,015</b>

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



## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>Curriculum and Instruction</b>			<b>1 Proposals</b>	<b>\$49,950</b>
Truxaw, Mary P	Spencer Foundation	Co-Teaching and Mathematical Discourse: Exploring Innovative Intersections to Support Student and Teachers in Culturally and Linguistically Diverse Classrooms	04/24/2018	49,950
<b>Educational Psychology</b>			<b>6 Proposals</b>	<b>\$6,635,065</b>
Bray, Melissa A	Simsbury Public Schools, Simsbury, CT	School Psychology Graduate Intern - Meiko Howell	06/26/2018	19,411
Bray, Melissa A	Glastonbury Public Schools, CT	School Psychology Graduate Intern - Corinne Golash	05/14/2018	18,690
Brown, Scott W	Department of Education, Science & Training/University of Illinois at Chicago	Differentiating Learning in open Learning Environments Through a Dialogue-Based Pedagogical Agent (DBPA)	06/04/2018	1,583,651
Sanetti, Lisa M	Windsor Public Schools, CT	Applying the Healthy Workplace Participatory Program to Address Teacher Wellbeing: A Mixed-Methods Pilot Study	05/24/2018	6,582
Sugai, George	ED/Office of Elementary and Secondary Education	Center to Improved Social Emotional Learning and School Safety	06/29/2018	4,995,267
Sanetti, Lisa M	DHHS/CDC/Centers for Disease Control and Prevention/University of Connecticut Health Center	An Integrated Approach to Hearing Preservation Among Construction Workers	06/07/2018	11,464
<b>School of Business</b>			<b>3 Proposals</b>	<b>\$1,735,776</b>
<b>Business Dean</b>			<b>1 Proposals</b>	<b>\$1,457,486</b>
Ba, Sulin	Department of Education, Science & Training	UConn CIBER Proposal 23018-2022	06/13/2018	1,457,486
<b>Finance</b>			<b>1 Proposals</b>	<b>\$50,000</b>
Cohen, Jeffrey	DOT/Federal Highway Administration (FHA)/New England Transportation Consortium	A New Tool for Estimating the Value of NETC Transportation Research Projects	05/17/2018	50,000
<b>Operations &amp; Info Management</b>			<b>1 Proposals</b>	<b>\$228,290</b>
Bhattacharjee, Sudip	DOC/Bureau of the Census	Center for Excellence, Big Data Research	05/03/2018	228,290
<b>School of Engineering</b>			<b>126 Proposals</b>	<b>\$52,737,220</b>
<b>Biomedical Engineering</b>			<b>8 Proposals</b>	<b>\$10,791,173</b>
Kaputa, David F	Huntington Hospital	2019-2021 Clinical Engineering Internship Program at Huntington Hospital	06/25/2018	132,204
Kaputa, David F	Beth Israel Deaconess Medical Center	2019-2020 Clinical Engineering Internship Program at Beth Israel Deaconess Medical Center	06/25/2018	74,892
Feng, Bin	DHHS/NIH/National Institutes of Health	Lumbosacral DRG Neuromodulation to Manage Visceral Pain	06/05/2018	2,584,280
Feng, Bin	DHHS/NIH/National Institutes of Health	The Role of Lumbar Splanchnic Innervations in Visceral Nociception and Pain	06/05/2018	2,414,221
Shahbazmohamadi, Sina	NSF/National Science Foundation	Framework:Software:HDR: Internet of instruments: democratizing Microscopy	04/18/2018	4,660,623
Kaputa, David F	VA/Long Beach Health Care System	2018-2020 Clinical Engineering Internship Program at VA Long Beach Healthcare System	04/13/2018	270,205
Kaputa, David F	VA/Greater Los Angeles Healthcare System	2018-2020 VA Greater Los Angeles Healthcare System	04/13/2018	270,205
Brown, Kevin S	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Enabling analysis of parameter and modeling uncertainty in systems biology	06/05/2018	384,543
<b>Chemical and Biomolecular Engineering</b>			<b>17 Proposals</b>	<b>\$7,546,005</b>
Srivastava, Ranjan	DOE/Department of Energy/Skyre	Integrated Electrochemical-BioProcess for Production of High-Value Bioproducts from Waste CO2	06/25/2018	750,000
Stuber, Matthew D	DOE/Department of Energy	Design Under Uncertainty with Global Optimization of Large Sparse Systems	04/02/2018	750,000

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## Quarterly Proposal List by Academic Home Department

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Ma, Wing Kui Anson	DOD/Navy/Department of the Navy/Electro Magnetic Applications	Scalable Technology for Manufacturing Large Composite Components using Nanostructured Heaters Phase I	06/11/2018	72,279
Lei, Yu	NSF/National Science Foundation	Planning Grant: Engineering Research Center for Personalized Precision Diagnosis (CPPD)	06/06/2018	100,000
Escobar Ivirico, Jorge L	DOD/Department of Defense	Regenerative engineering tumor models to study and regulate the breast cancer cells activity	05/30/2018	573,243
Ma, Wing Kui Anson	DOD/Department of Defense/University of Connecticut Health Center	Multiscale Mathematical Modeling of Iron Metabolism in Breast Cancer	05/23/2018	159,649
Stuber, Matthew D	DHHS/NIH/National Institutes of Health	Enhancing Immune Therapy for Solid Tumors with mechanistic Modeling and Rigorous Global Optimization-Based Validation Algorithms	06/12/2018	402,500
Nieh, Mu-Ping	Phospholipid Research Center	Lipid-Based Nanocarrier for Efficacious Theranostics - One-Pot Manufacturing	05/29/2018	212,540
Bollas, Georgios	American Institute of Chemical Engineers	Model-Based Systems Engineering for PI-MCPI	05/22/2018	406,870
McCutcheon, Jeffrey R	American Institute of Chemical Engineers	Modular ZLD Systems for Small Scale Distributed Wastewater Treatment	05/22/2018	524,398
McCutcheon, Jeffrey R	American Institute of Chemical Engineers	High Purity Ethanol without Olstillation: CNT Membraned Enabling Selective Ethanol Extraction From Fermentation Broths	05/22/2018	436,907
Burkey, Daniel D	University of Connecticut Health Center	Pre-College Enrichment Program	05/18/2018	62,709
Srivastava, Ranjan	NSF/National Science Foundation	RoL: FELs: EAGER: Evolving Ensembles of Models to Understand & Forecast Microbiome Dynamics	05/15/2018	300,000
McCutcheon, Jeffrey R	CT Department of Economic and Community Development	Collaboration in Support of the Restart of Fraunhofer Center for Energy Innovation 2.0	04/20/2018	1,484,410
Burke, Kelly A	DOE/Department of Energy	Assembly of 3D Graphene Structures using Main-Chain Liquid Crystalline Block Copolymers	04/04/2018	750,000
Burke, Kelly A	DHHS/NIH/National Institutes of Health/Bioaize Materials	Development of Shape Memory Materials for Wound Protection Sleeves	04/05/2018	120,000
Cho, Yongku P	DHHS/NIH/National Institutes of Health	Human antibodies recognizing discontinuous epitopes within tau	06/18/2018	440,500
<b>Civil and Environmental Engineering</b>			<b>13 Proposals</b>	<b>\$3,977,387</b>
Esmaili Zaghi, Arash	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Repair of Steel Beam/Girder Ends with Ultra High-Strength Concrete - Phase III	06/05/2018	486,362
Bagtzoglou, Amvrossios C	EPA/Environmental Protection Agency/CT Department of Public Health	Environmental Engineering Internships	04/11/2018	42,000
Chrysochoou, Maria	EPA/Environmental Protection Agency	Engaging CT Community in Brownfields Redevelopment	04/13/2018	
Konduri, Karthik	DOT/Federal Highway Administration (FHA)	DREDGE: Disaggregate Artificial Realistic Data Generator Design, Development and Application for Crash Safety Analysis	04/19/2018	999,999
Zhu, Jin	NSF/National Science Foundation	Collaborative: Standard: Cultures and Institutions in Student Organization Cultivating Ethical Engineers	04/17/2018	88,904
Christenson, Richard	DOD/Department of Defense/Electric Boat Corporation	System Identification and Testing of a Magnetorheological (MR) Fluid Damper	04/19/2018	49,970
Kim, Jeongho	United Technologies-Pratt & Whitney	Development of LS-Dyna MAT 162 and MAT 261 Material Parameters for Tri-Axially Braided Composite Material using the LS-OPT Design Optimization Capability	05/09/2018	59,848
Agrios, Alexander	DOE/Department of Energy	Scalable Processing of Encapsulation and Charge Extraction Layers for Robust, Efficient Perovskite Solar Cells	05/09/2018	
Li, Baikun	NSF/National Science Foundation	EAGER SitS: Decoding Nitrogen Dynamics in Soil through Novel in-situ Hydrogel-coated Wireless Soil Sensors and Modeling	06/11/2018	300,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Kim, Jeongho	Vita Zahnfabrik	Optimizing the Fracture Resistance of Ceramic-Polymer Hybrid Materials using Cohesive Finite Elements and Experimental Validation	06/19/2018	8,216
Kirchhoff, Christine	Water Research Foundation/LimnoTech	Assessment and Evaluation of Algal Bloom Problems	06/25/2018	20,482
Anagnostou, Emmanouil N	NASA/National Aeronautics and Space Administration	Use of Field Campaign Data to Evaluate and Improve Satellite QPE in Orographic Terrain	06/28/2018	398,260
Anagnostou, Emmanouil N	DOE/Advanced Research Projects Agency/Enviro Power Technologies	Residential-Base Micro-CHE Platform - A Non-Infrastructure Grid Balancing Solution for the Widespread Penetration of Intermittent Renewables	06/29/2018	1,523,346
<b>Computer Science and Engineering</b>			<b>19 Proposals</b>	<b>\$12,137,209</b>
Bradford, Phillip G	DHHS/CDC/Centers for Disease Control and Prevention/University of Connecticut Health Center	Community Pathways to Identification and MAT Engagement of Individuals at High Risk of Overdose (IHRO)	05/15/2018	43,227
Rajasekaran, Sanguthevar	NSF/National Science Foundation	BIGDATA: F: Collaborative Research: Identifying Patterns in Ensembles of Network Data	05/14/2018	1,045,150
Peters, Thomas J	DHHS/NIH/National Institutes of Health	Simulating Neurodevelopment to Understand Hydrocephalus	06/08/2018	442,750
Mandoiu, Ion I	DOD/Department of Defense/University of Connecticut Health Center	Immunotherapy of Metastatic Breast Cancer Using Shared Chemotherapy-Induced Neopeptides	05/29/2018	99,999
Krawec, Walter O	Comcast Corporation	Survey of Practical Quantum Key Distribution Systems	05/21/2018	27,129
Wang, Bing	NSF/National Science Foundation	Sch: INT: Collaborative Research: Personalized Depression Treatment Supported by Mobile Sensor Analytics	05/22/2018	687,858
Khan, Mohammad M	NSF/National Science Foundation	Modeling and Shaping the Influence of Moral Distress and Ethical Dilemma on User's Choice Behavior in the Context of Cyber-Human Systems: An Exploratory Study	04/16/2018	
Han, Song	NSF/National Science Foundation	CPS: Medium: Collaborative Research: Achieving Control Certainty in Uncertain Environments: Holistic Approach to Dynamic and Composite Resource Management	05/09/2018	499,700
Michel, Laurent D	NSF/National Science Foundation	FMitF: Collaborative Research: COVSDN: Continuously Optimizing and Verifying Software Defined Networks	05/08/2018	696,008
Miao, Fei	NSF/National Science Foundation	CPS: Medium: Collaborative Research: Crowdsourced Surrogate Learning Towards Advanced Hand Skills for Autonomous Robots	05/09/2018	267,415
Han, Song	NSF/National Science Foundation	CPS: Small: Collaborative Research: Uncertainty Tolerant in a Skills-Based Robotic Programming System	05/09/2018	113,317
Rajasekaran, Sanguthevar	DOE/Office of Science	Novel Computational Big Data Techniques for Chemical Systems	06/18/2018	5,000,000
Fuller, Benjamin	Samsung Electronics Company	Continuous Cryptographic Iris Authentication for Mobile Platforms	06/11/2018	200,000
Han, Song	Samsung Electronics Company/Arizona State University	Smart Shoes for Human Musculoskeletal Healthcare	06/11/2018	49,977
Nabavi, Sheida	DHHS/NIH/National Library of Medicine	Multimodal Deep Learning for Integrating Genomic/Clinical Data to Build Phenotypic Predictive Models in Ovarian and Breast Cancer	06/05/2018	966,000
Herzberg, Amir	NSF/National Science Foundation	CICI: SSC: Robust and Secure Internet Infrastructure for Scientific Collaboration	06/04/2018	998,449
Shin, Dong	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Skeletal Phenotyping of heterozygotes from IMPC Embryonic Lethal Lines	06/04/2018	793,106
Rajasekaran, Sanguthevar	DOE/Office of Science	Novel Computation Big Data Techniques for Chemical Systems	05/16/2018	
Sheehy, Donald	DOD/Air Force Research Laboratory	Homological Methods for Sensor Network Integrity	05/17/2018	207,124
<b>Connecticut Transportation Institute</b>			<b>6 Proposals</b>	<b>\$1,450,434</b>
Shea, Donna	CT Department of Transportation	Connecticut Transportation Technology Transfer Center	04/10/2018	91,352

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Shea, Donna	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Connecticut Transportation Technology Transfer Center	04/10/2018	666,153
Mahoney, James M	CT Department of Transportation	Connecticut Cooperative Highway Research Program (Joint Highway Research Advisory Council Work Program FY 19)	04/04/2018	88,000
Zhao, Shanshan	NAS/Transportation Research Board	Examining the Implications of Legislation and Enforcement on Electronic Device Use While Driving	05/16/2018	250,000
Mahoney, James M	DOT/Federal Motor Carrier Safety Administration (FMCSA)	Safety Compliance Training for New and Disadvantaged Business Enterprises	05/21/2018	96,064
Wang, Kai	DOT/Federal Motor Carrier Safety Administration (FMCSA)	Updating Commercial Vehicle Crash Countermeasures with a Focus on Service Based Enforcement	05/21/2018	258,865
<b>Electrical and Computer Engineering</b>			<b>11 Proposals</b>	<b>\$2,638,776</b>
Khan, Omer	NSF/National Science Foundation	NSF Student Travel Grant for the 2018 IEEE International Conference on Computer Design (ICCD)	05/23/2018	20,000
Cao, Yang	Komatsu	Research on Electrical Insulation of Mechanism of Composite Molding Material for Rotating Machines	04/19/2018	50,000
Zhang, Peng	DOE/Brookhaven National Laboratory	Assess the Impact and Evaluate the Response to Cybersecurity Issues (AIERCI)	05/21/2018	59,757
Luh, Peter B	DOE/Brookhaven National Laboratory	Stochastic Sizing and Operation of Grid-Level Energy Storage Systems	06/06/2018	299,999
Bazzi, Ali	DOE/Office of Energy Efficiency and Renewable Energy	Closed-Loop Down-Hole Hydraulic Hammer for Boring Geothermal Holes	05/31/2018	
Zhang, Peng	NSF/National Science Foundation	EAGER: Real-Time: Enabling Secure and Efficient Underwater Wireless Power/Data Transfer through Real-Time Learning	06/01/2018	300,000
Zhang, Peng	Eversource	Modeling, Analysis and Anomaly Detection for Cyber Secure Eversource Power Distribution Networks: Phase 1	04/09/2018	150,000
Dutta, Abhishek	DOD/DARPA/Defense Advanced Research Projects Agency/United Technologies-Research Center	Gray Zone Adversary Tactics Discoverer	05/24/2018	225,000
Anwar, A F	DOE/Department of Energy	Axially Oriented Layered Composite Nanostructured Photovoltaics	05/09/2018	
Pattipati, Krishna R	DOD/Navy/Office of Naval Research	Human-AI Symbiosis for Agile Planning	05/11/2018	1,534,020
Anwar, A F	DOE/Department of Energy	Ultra Wide Spectrum Core Shell Nanostructures Photon Ratchet PhotoVoltaics	05/09/2018	
<b>Engineering Dean</b>			<b>3 Proposals</b>	<b>\$1,416,165</b>
Wei, Mei	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Regeneration of the Osteochondral Tissue of the Mandibular Condylar Cartilage via Novel Multi-Zonal Scaffold and Growth Factors	04/10/2018	1,002,261
Accorsi, Michael L	CTNext/Town of Groton, CT	Undersea Supply Chain Consortium Project	04/02/2018	97,500
Wei, Mei	Connecticut Innovations	Connecticut Global Entrepreneurship Network	04/18/2018	316,404
<b>Materials Science and Engineering</b>			<b>20 Proposals</b>	<b>\$7,737,555</b>
Singh, Prabhakar	DOE/Advanced Research Projects Agency/DOE/Lawrence Berkeley National Laboratory	Metal-Supported SOFCs for Ethanol-Fueled Vehicles	06/26/2018	550,000
Dongare, Avinash	DOE/Department of Energy	Unraveling the Kinetics of Evolution of Microstructure During Laser Processing of Metallic Materials at the Mesoscales	04/04/2018	750,000
Maric, Radenka	DOE/Office of Energy Efficiency and Renewable Energy	Catalyst layer design, manufacturing and In-line Quality Control	06/12/2018	2,000,000
Singh, Prabhakar	DOE/Office of Energy Efficiency and Renewable Energy	Large scale manufacturing of robust electrode-electrolyte interface modified Solid Oxide Electrolysis Cells: Mitigation of interface delamination for long term stability	06/12/2018	1,000,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Laurencin, Cato	NSF/National Science Foundation	Planning Grant: Engineering Research Center for Regenerative Engineering	06/06/2018	99,960
Gao, Puxian	DOE/Department of Energy/Skyre	Electrolyzer Integrated Modular Nano-Array Monolithic Catalytic Reactors for Low Pressure/Temperature and High Flux Synthetic Fuel Production	06/08/2018	700,000
Gao, Puxian	DOE/Department of Energy/University of Tennessee	Developing novel electrodes with ultralow catalyst loading for high-efficiency hydrogen production in proton exchange membrane electrolyzer cells	06/07/2018	200,000
Maric, Radenka	DOE/Department of Energy/Giner	Reversible Fuel Cell with Integrated Water Management	05/30/2018	200,000
Nakhmanson, Serge M	DOE/Department of Energy/University of Wisconsin, Madison	Ultrafast Mesoscopic Dynamics of Functional Materials: New Methods, Materials, and Interfaces	05/21/2018	307,553
Maric, Radenka	Politecnico Milano	Vanadium Redox Flow Batteries with Barriers	05/21/2018	90,000
Maric, Radenka	Eldor Corporation	Eldor Supported Post-Doc	05/10/2018	50,000
Singh, Prabhakar	DOE/Department of Energy	Large scale manufacturing of robust electrode-electrolyte interface modified Solid Oxide Electrolysis Cells: Mitigation of interface delamination for long term stability	05/07/2018	
Maric, Radenka	DOE/Department of Energy	Catalyst layer design, manufacturing and In-line Quality Control	05/07/2018	
Gao, Puxian	DOE/Department of Energy/Connecticut Center for Advanced Technology	Fabrication of Freeform Graded Structure Solid Oxide Fuel Cell Stack Using the Directed Energy Deposition	04/30/2018	125,000
Singh, Prabhakar	DOE/Department of Energy/Fuelcell Energy	Area Interest 2: Next Generation Solid Oxide Fuel Cell Module Development	04/27/2018	175,000
Singh, Prabhakar	DOE/Department of Energy	Area of Interest 1: Capture of Airborne Cr, Si, S and B gaseous Species for the Mitigation of SOFC Cathode Poisoning: Low Cost Alkaline-Transition Metal Oxide Getters and Validation in SOFC System (TRL 5)	04/30/2018	500,000
Hebert, Rainer J	NASA/National Aeronautics and Space Administration	Development of Additive Manufacturing Feedstock for In-Space Applications	04/27/2018	25,000
Alpay, Pamiir	United Technologies-Aerospace Systems	UTAS Center for Excellence	04/16/2018	150,000
Laurencin, Cato	Keck (W. M.) Foundation/University of Connecticut Health Center	Artificial GRID (Groups that are Regenerative, Interspersed and Dendritic) as a Novel Tool for Epimorphic Regeneration in Mammals	04/17/2018	15,042
Gao, Puxian	DOE/Department of Energy	Additively integrated Catalysts for Flue Gas Conversion into Value-Added Projects	06/25/2018	800,000
<b>Mechanical Engineering</b>			<b>28 Proposals</b>	<b>\$4,993,194</b>
Pasaogullari, Ugur	DOE/Department of Energy	Plasmonic Nanostructures for Enhanced Light Absorption	05/09/2018	
Zhao, Xinyu	NASA/National Aeronautics and Space Administration/University of Hartford	Advanced Rotocraft Aeromechanics Research	05/10/2018	6,000
Pasaogullari, Ugur	DOE/Department of Energy	Bipolar Membrane Direct Methanol Fuel Cells	05/07/2018	
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Biodegradable Piezoelectric Scaffold for Bone Regeneration	06/13/2018	442,251
Chen, Xu	DOE/Department of Energy/HiFunda	Fabrication of Extreme Environment Materials for large Parts Using Additive Manufacturing Methods	04/30/2018	300,000
Chen, Xu	DOD/DARPA/Defense Advanced Research Projects Agency	Dynamic Information Fusion and Collaborative Controls for Agile Adaptive Autonomy of Multibody Control Systems	04/25/2018	
Li, Ying	AAC Technologies	Multiscale Modeling on Structure-Property Relationship for TPEE and Poly-acrylate Polymer	04/26/2018	100,908
Pierce, David M	Unilever	UConn-Unilever 3-D skin wrinkle model	04/25/2018	74,965
Pierce, David M	Unilever	UConn-Unilever 3-D skin wrinkle model	04/25/2018	34,384
Jia, Zhanzhan	Kern (Robert D and Patricia E) Family Foundation	E-learning Module for ME3227	04/20/2018	2,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Chen, Xu	NSF/National Science Foundation	FW-HTF Theme 2: Embodied Cognitive Assistants for Safe, Customization, and Sustainable Human-in-the-Loop Manufacturing	04/16/2018	
Norato Escobar, Julian A	NASA/National Aeronautics and Space Administration/University of Hartford	Adaptive Inclusion of Discreet Geometric Components in Topology Optimization	04/17/2018	8,000
Li, Ying	NSF/National Science Foundation	Collaborative Research: Framework: Software: A Highly Adaptive and Scalable Software Framework for Multiphysics and Multiscale Fluid-Structure Interactions	04/18/2018	501,470
Pasaogullari, Ugur	Electric Boat Corporation	Air Independent Power Generation Fuel Study	04/09/2018	41,177
Chiu, Wilson K	Research Promotion Foundation/University of Cyprus	Development of a Sustainable Energy System Based on Photovoltaic and Fuel Cell Technologies	04/03/2018	30,000
Li, Ying	NSF/National Science Foundation	Collaborative Research: Integration of Molecular Simulation, Analytical Theory, and Experiment to understand Nanocomposite Hydrogel Based Wastewater Treatment	06/08/2018	247,843
Pasaogullari, Ugur	DOE/Advanced Research Projects Agency/T2M	Game Changer Fuel Cell (G-FC)	06/29/2018	247,793
Sung, Chih-Jen	NSF/National Science Foundation/FGC Plasma Solutions	Plasma Assisted Combustion for Broadening Operability Characteristics of High-Shear Injectors	06/27/2018	127,000
Nguyen, Thanh D	DOD/Department of Defense	Injectable Piezoelectric Hydrogel for Osteoarthritis Treatment	06/19/2018	309,625
Pasaogullari, Ugur	DOE/Department of Energy/Skyre	In-Situ Hydrogen Contamination Detector for FCV Fueling	06/08/2018	709,276
Chen, Xu	NSF/National Science Foundation	EAGER: Real-Time: Quality-Made Smart Additive Manufacturing with Dense-Data Decomposable Hybrid Modeling and Sensor Fusion	06/01/2018	260,739
Zhao, Xinyu	NASA/National Aeronautics and Space Administration/University of Hartford	Advanced Rotocraft Aeromechanics Research	05/10/2018	1,000
Li, Ying	DOD/Air Force/Air Force Office of Scientific Research	Unraveling Yielding and Failure Mechanics of Polymer Nanocomposites Through Machine Learning-assisted Multiscale Modeling	06/01/2018	449,995
Li, Ying	DOE/Lawrence Livermore National Laboratory	Integrated Multiscale Modeling and Experimental Approach to Understand Viscoelasticity of Elastomers	05/30/2018	119,950
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Transdermal Curcumin-Neopeptide Microneedles for Cancer Immunotherapy	06/15/2018	440,695
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	The molecular mechanism of the surface charge of piezoelectric materials for bone regeneration	06/05/2018	113,083
Chen, Xu	DOD/Air Force/Department of the Air Force	Fast Learning from Information-Rich Feedback with Collaborative Sensing and Sparsity-Aware Inference Primitives	06/01/2018	365,040
Matheou, Georgios	NASA/National Aeronautics and Space Administration/NASA/Jet Propulsion Laboratory	Strategic Advances in Air Quality Research and Technology Development	05/22/2018	60,000
<b>UTC Institute for Advanced Systems Engineering</b>			<b>1 Proposals</b>	<b>\$49,322</b>
Thompson, Amy	United Illuminating Company	Whole Building Energy Analysis and Benchmarking	05/31/2018	49,322
<b>School of Fine Arts</b>			<b>2 Proposals</b>	<b>\$528,288</b>
<b>School of Fine Arts</b>			<b>2 Proposals</b>	<b>\$528,288</b>
Thompson, Kenneth	NEH/National Endowment for the Humanities	Courtroom 600: An Educational Virtual Reality Encounter with the History and Legacies of the Nuremberg Trials	06/06/2018	25,832
Scheinfeldt, Joseph T	Institute of Museum and Library Services	Greenhouse Studios/UConn Library "building Digital Scholarship" Post-MLIS Fellowship Program	06/08/2018	502,456
<b>School of Nursing</b>			<b>15 Proposals</b>	<b>\$9,526,145</b>
<b>School of Nursing</b>			<b>15 Proposals</b>	<b>\$9,526,145</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Starkweather, Angela	International Society of Nurses in Genetics (ISONG)	Assessing the Management of Pediatric Postsurgical Pain (AMP3) with Genetics	06/15/2018	2,000
Starkweather, Angela	American Association of Colleges of Nursing	AACN Minority Nurse Faculty Scholars Program - Perry	05/15/2018	4,969
Starkweather, Angela	DHHS/NIH/National Institute of Child Health and Human Development/Virginia Commonwealth University	Mindful Self-Management of Back Pain in Pregnancy to Prevent Chronic Pain	05/17/2018	820,505
Polifroni, Elizabeth C	Campus Compact	Service Learning at the Intersection of Environmental Stewardship at UConn	04/30/2018	4,500
Starkweather, Angela	DHHS/NIH/National Institutes of Health/University of Maryland	Physiological, psychological, and genomic factors that predict the transition from acute to chronic pain in patients with traumatic lower extremity fracture	04/04/2018	74,323
Polifroni, Elizabeth C	Aetna Foundation	Cultivating Intergenerational Solutions: A Safe Walkable Community (CIS)	04/04/2018	
Kim, Kyounghae	Sigma Theta Tau International (STTI)	Communication in Palliative Care: Simulations and Advance Care Planning Conversations	06/28/2018	5,000
Kim, Kyounghae	DHHS/NIH/National Institutes of Health	Intervention to Promote Providers' Communication about HPV Vaccination with Young Sexual and Gender Minorities	06/25/2018	483,000
Young, Erin	Rainin (Kenneth) Foundation	Identifying Novel contributions f Colonic Gene Expression and Intestinal Microbiome to Pain Burden and Pain Chronicity in Pediatric Ulcerative Colitis Patients	05/24/2018	200,000
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Novel Injectable Analgesic Delivery System for Musculoskeletal Pain Management	05/17/2018	154,059
Kim, Kyounghae	Harvard Pilgrim Health Care/Community Health Center Association of Connecticut	Building an Integrated Approach to Pain Management and Opioid Addiction in Federally Qualified Health Centers through Project Echo	05/11/2018	10,385
Cong, Xiaomei	American Nurses Foundation	Biomarkers of Emotional Distress in IBS Patients	05/01/2018	5,000
Lucas, Ruth F	American Nurses Foundation	Antenatal Cannabis Use: Implications for Symptom Management and Risk-Taking	05/01/2018	15,000
Shellman, Juliette M	American Nurses Foundation	Cost-Analysis and Stakeholder Perspectives of a Nurse-Led Interprofessional Intervention for Community-Dwelling Older Adults: A Mixed Methods Study	05/01/2018	5,000
Fontes, Alan	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of Health Strategy	CDAS Solution Architecture	04/12/2018	7,742,404
<b>School of Pharmacy</b>			<b>30 Proposals</b>	<b>\$18,540,665</b>
<b>Pharmaceutical Sciences</b>			<b>25 Proposals</b>	<b>\$18,272,017</b>
Rasmussen, Theodore	March of Dimes/Baylor University	Epigenetic Aberrations in the Diagnosis and Pathogenesis of Diabetic Embryopathy	06/13/2018	25,000
Manautou, Jose E	DHHS/NIH/National Institutes of Health	Drug Transporters in the Pathogenesis of Non-Alcoholic Fatty Liver Disease during Liver Regeneration Processes	04/05/2018	2,008,750
Bahal, Raman	DHHS/NIH/National Cancer Institute	Next Generation Targeted Delivery of AntimiR Probes for Cancer Therapy	06/19/2018	442,750
Lu, Xiuling	DHHS/FDA/Food and Drug Administration	In Vitro and In Vivo Assessment of Ophthalmic Ointments for Generic Product Equivalence	06/28/2018	1,141,038
Hadden, Matthew K	DHHS/NIH/National Cancer Institute	Small Molecule Inhibitors of SWI/SNF ATPase Activity	06/26/2018	161,000
Bahal, Raman	DHHS/NIH/National Cancer Institute	PQ4: Targeting multiple oncomiRs for cancer therapy	06/29/2018	2,012,500
Bogner, Robin H	DHHS/FDA/Food and Drug Administration/Physical Sciences	Novel Analytical Tool to Assess Freeze Drying Heterogeneity	06/28/2018	269,355
Burgess, Diane J	Helmsley (Leona M. and Harry B.) Charitable Trust/Biorasis	Early Feasibility Studies of Biorasis' Glucowizzard in Human Subjects	06/29/2018	410,000
Hadden, Matthew K	DHHS/NIH/National Cancer Institute	Structure-Based Rational Design of Epigenetic Modulators Targeting Histone 3	06/29/2018	161,000

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Hadden, Matthew K	DHHS/NIH/National Institutes of Health	Studies Towards the Identification of Small Molecule Modulators of SWI/SNF Chromatin Remodeling	04/04/2018	140,355
Bahal, Raman	DHHS/NIH/National Institutes of Health	Developing next generation nucleic acid analogues as a novel gene editing tool	04/03/2018	1,949,384
Bogner, Robin H	Physical Sciences	Quality by Design Process Development Tools for Freeze Drying Co-solvent Pharmaceutical Formulations	04/04/2018	40,000
Bahal, Raman	DHHS/NIH/National Institutes of Health/Yale University	Genetic correction of homozygous familial hypercholesterolemia (FH) using triplex-forming peptide nucleic acid	04/06/2018	220,438
Sartor, Gregory	DHHS/NIH/National Institute on Drug Abuse	Neuronal Subtype and Circuit-Specific Epigenetic Mechanisms in Addiction	06/13/2018	747,000
Wiemer, Andrew	DHHS/NIH/National Institutes of Health	Development of Immunotherapeutics Targeting BTN2	06/07/2018	418,350
Bahal, Raman	DHHS/NIH/National Institutes of Health	Developing next generation synthetic nucleic acid analogous for sickle cell disease gene editing	06/05/2018	2,000,300
Bahal, Raman	DHHS/NIH/National Institutes of Health	Site specific gene editing of IDUA mutations as a novel Mucopolysaccharidosis gene therapy	06/05/2018	2,000,300
Wiemer, Andrew	DHHS/NIH/National Institutes of Health	Targeting the GGDPS: Notch Axis in Leukemia/Lymphoma	05/29/2018	1,988,100
Chaudhuri, Bodhisattwa	Takeda Pharmaceuticals	CFD-DEM Coupled Multicomponent, Multiphase Flow Modeling	05/18/2018	196,326
Balunas, Marcy J	DHHS/NIH/National Institute of General Medical Sciences/University of Michigan	Defining the OMU, an Operational Metabolomic Unit for use with Microbiome Analyses	05/15/2018	906,891
Burgess, Diane J	DHHS/FDA/Food and Drug Administration/Qrono	Computational Drug Delivery: Leveraging Predictive Models to Develop Bioequivalent Generic Long-Acting Injections	05/15/2018	137,191
Bahal, Raman	Pediatric Cancer Research Foundation	Developing a Novel System for Pediatric Cancer Therapy: Tumor-Targeted Inhibition of Oncogenic MicroRNAs	05/01/2018	750,000
Bahal, Raman	Pardee (Elsa U.) Foundation	Developing a Novel System for Melanoma Therapy: Tumor-Targeted Inhibition on Oncogenic MicroRNA	04/27/2018	108,000
Wright, Dennis	Yale University/University of Connecticut Health Center	Obtain Co-Crystal Structures of Inhibitors with one or more of Alkaline Nucleases	04/16/2018	2,000
Bahal, Raman	American Diabetes Association/University of Iowa	Beta-cells miR-204 is remotely governed by gut-microbiota and promotes diabetes	04/06/2018	35,989
<b>Pharmacy Practice</b>			<b>5 Proposals</b>	<b>\$268,648</b>
Gernant, Stephanie A	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/ProHealth Physicians	Improving Chronic Disease Management with Pieces (ICD-Pieces)	05/24/2018	36,438
Smith, Marie A	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of Health Strategy	CT SIM Project Management Office -- Primary Care Modernization Initiative	05/15/2018	11,941
Giroto, Jennifer E	Patient-Centered Outcomes Research Institute (PCORI)/Connecticut Children's Medical Center	EVAL-PM - Evaluation of Vancomycin Levels in Pediatric MRSA Bacteremia	05/02/2018	142,022
Jeffery, Sean M	Main Street Community Foundation/Hartford Healthcare	Senior Care Continuum Expansion	04/05/2018	20,000
Gernant, Stephanie A	University of Connecticut Health Center	Improving MTM delivery through community pharmacy workflow re-design	04/05/2018	58,247
<b>School of Social Work</b>			<b>14 Proposals</b>	<b>\$6,402,095</b>
<b>School of Social Work</b>			<b>14 Proposals</b>	<b>\$6,402,095</b>
Parr, Kathryn E	CT Department of Children and Families/University of Connecticut Health Center	RSVP FY19	06/27/2018	24,332
Valdovinos, Miriam G	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Houston	Addressing Barriers and Promoters of Health Services Utilization Among Latinos in Houston Study	06/27/2018	64,631

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Fendrich, Michael	CT Department of Children and Families/Child Health and Development Institute of Connecticut	Impact of Mobile Crisis Services on Rates of Emergency Department Utilization Among Children	06/07/2018	3,000
Lloyd, Margaret H	DHHS/CDC/Centers for Disease Control and Prevention/Research Institute at Nationwide Children's Hospital	Distribution of Naloxone through Traditional and Family Drug Courts	05/07/2018	17,736
Okpych, Nathanael J	Reissa Foundation/University of Chicago	The California Youth Transition to Adulthood (CALYOUTH) Study #2	06/06/2018	21,297
Lloyd, Margaret H	DOJ/Office of Juvenile Justice and Delinquency Prevention/Oklahoma Department of Mental Health and Substance Abuse Services	Oklahoma Multi-Site Family Drug Court Model Standards (OKMMS) Study	06/06/2018	562,074
Fendrich, Michael	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	MAT Expansion to the Connecticut DOC	06/27/2018	315,000
Fendrich, Michael	CT Department of Children and Families/Child Health and Development Institute of Connecticut	Impact of Mobile Crisis Services on Rates of Emergency Department Utilization Among Children	06/07/2018	3,000
Lin, Hsiu-Ju	DHHS/NIH/National Institutes of Health/RTI International	Addiction Provider Quality Measures Validation	06/06/2018	121,692
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	CT ACT for Recovery - Infrastructure Component	05/25/2018	479,072
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	CT ACT for Recovery - Data Component	05/25/2018	685,601
Parr, Kathryn E	CT Office of Early Childhood	Office of Early Childhood Project	06/25/2018	3,943,624
Wilson, Cristina	National Collegiate Athletic Association	Breaking the Silence on Reporting Sexual Assault: Exploring Areas for Prevention and Intervention with Student-Athletes	05/01/2018	7,485
Lin, Hsiu-Ju	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	DIG Program Evaluation and Analysis	04/16/2018	153,551
<b>Academic and Service Programs</b>			<b>2 Proposals</b>	<b>\$151,688</b>
<b>Student Activities</b>			<b>1 Proposals</b>	<b>\$145,688</b>
DeVivo Brassaw, Gina	Jumpstart	Jumpstart Program at the University of Connecticut	06/08/2018	145,688
<b>Waterbury Campus</b>			<b>1 Proposals</b>	<b>\$6,000</b>
DeMerell, Fiona	Connecticut Community Foundation	The Greening of Waterbury	04/12/2018	6,000
<b>Vice President for Research</b>			<b>10 Proposals</b>	<b>\$1,956,987</b>
<b>Center for Environmental Sciences and Engineering</b>			<b>1 Proposals</b>	<b>\$99,999</b>
Perkins, Christopher R	National Fish and Wildlife Foundation	Microplastics in Multi-Use Estuaries: Development of a Source - Receptor Monitoring Strategy	05/10/2018	99,999
<b>Institute for Collaboration on Health, Intervention and Policy</b>			<b>3 Proposals</b>	<b>\$843,000</b>
Butler, Lisa M	Gates (Bill and Melinda) Foundation	Optimizing mother & child health and development in Botswana	04/27/2018	100,000
Himmelstein, Mary S	American Psychological Foundation	Weight Stigma as a Barrier to Behavioral Weight Loss	06/27/2018	20,000
Hernandez, Dominica B	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Intervention to Reduce Alcohol Complications of Comorbid HIV and Cardiometabolic Disease	05/07/2018	723,000

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>Institute of Materials Science</b>			<b>3 Proposals</b>	<b>\$276,560</b>
Jankovic, Jasna	OverDrive Fuel Cell Engineering	Investigation of Failure Modes for Fuel Cells using Electron and X-ray Imaging Techniques	04/18/2018	31,560
Jankovic, Jasna	DOE/Office of Energy Efficiency and Renewable Energy/Pajarito Powder	High Performance Catalysts and Supports for High Volume Electrolyzer Manufacturing	06/11/2018	200,000
Jankovic, Jasna	DOD/Department of Defense/Precision Combustion	Fast Activating Lithium or Lithium-ion (Li-ion) Reserve Battery	06/19/2018	45,000
<b>Sea Grant College Program</b>			<b>2 Proposals</b>	<b>\$537,428</b>
Ebbin, Syma A	DOC/NOAA/National Oceanic and Atmospheric Administration/Project Oceanology	Rising Waters: The Thames River Resilience Project	04/06/2018	37,429
Payne, Diana L	DOC/NOAA/National Oceanic and Atmospheric Administration	Ready, Responsive, Resilience (R3)	04/06/2018	499,999
<b>Technology Partnerships</b>			<b>1 Proposals</b>	<b>\$200,000</b>
Analoui, Mostafa	Connecticut Innovations	High Value Talents & Mentors (HVTM)	04/20/2018	200,000
<b>University of Connecticut - Storrs &amp; Regional</b>			<b>365 Proposals</b>	<b>\$162,562,777</b>
<b>School of Dental Medicine</b>			<b>15 Proposals</b>	<b>\$19,745,546</b>
<b>Craniofacial Sciences</b>			<b>1 Proposals</b>	<b>\$2,713,058</b>
Yadav, Sumit	DHHS/NIH/National Institutes of Health	Regeneration of Osteochondral Tissue of the Mandibular Condylar Cartilage Using Novel Multi-Zonal Scaffold and Small Molecule Proteins.	04/10/2018	2,713,058
<b>Dental Medicine Dean</b>			<b>2 Proposals</b>	<b>\$449,940</b>
Gupta, Kshitiz	DHHS/NIH/National Institutes of Health	Developing a Method to Isolate and Characterize Cancer Displaying Oscillations in Hypoxia Response.	06/28/2018	135,700
Deymier, Alix C	DOD/Department of Defense	Exploration of the Role of Disuse-Induced Acidosis on Reinjury Risk in Musculoskeletal Tissues	06/21/2018	314,240
<b>Oral Health and Diagnostic Sciences</b>			<b>9 Proposals</b>	<b>\$10,759,519</b>
Aseltine, Robert H	DHHS/NIH/National Institute of Mental Health	Improving the Identification of Patients at Risk of Suicide	05/15/2018	607,723
Chen, I-Ping	DHHS/NIH/National Institute of Dental and Craniofacial Research	Pathogenic Mechanisms of Craniometaphyseal Dysplasia	05/14/2018	398,750
Wagner, Julie A	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Lifestyle & Medication Management to Lower Diabetes Risk in Severe Mental Illness	04/16/2018	587,067
Nichols, Frank C	DHHS/NIH/National Institutes of Health/Nova Southeastern University	Role of periodontal bacteria-derived dihydroceramides of tau, and acceleration of phenotypes in mouse models of Alzheimer'disease	04/16/2018	125,000
Aseltine, Robert H	DHHS/NIH/National Institutes of Health	Examining the Role of Mortality in Masking Racial Disparities in Hospitalizations for Heart Failure	04/11/2018	454,567
Litt, Mark D	DHHS/NIH/National Institute of Dental and Craniofacial Research	Individualized Assessment and Treatment Program for TMD:Coping as Mechanism	06/01/2018	3,778,499
Dongari-Bagtzoglou, Anna I	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Genomic Center for Infectious Diseases	06/07/2018	3,546,565
Chen, I-Ping	DHHS/NIH/National Institutes of Health	Disease Activation Mechanism for Cherubism	06/18/2018	438,625
Reisine, Susan T	DHHS/NIH/National Institutes of Health	Good Oral Health: a Bi-level intervention to improve Older Adult Oral Health	05/29/2018	822,723
<b>Reconstructive Sciences</b>			<b>3 Proposals</b>	<b>\$5,823,029</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	NPY, bone and bone reappear	06/04/2018	1,993,750
Maye, Peter F	DHHS/NIH/National Institutes of Health	Axio Scan.Z1	05/30/2018	319,305
Rowe, David W	DHHS/NIH/National Institutes of Health	Skeletal Phenotyping of Embryonic Lethal KOMP Lines	06/19/2018	3,509,974
<b>School of Medicine</b>			<b>125 Proposals</b>	<b>\$82,397,154</b>
<b>Academic Affairs and Education</b>			<b>2 Proposals</b>	<b>\$189,888</b>
Qendro, Veneta	DHHS/NIH/National Institute of Dental and Craniofacial Research	Blocked CD13 in Combination with the Toll-Like Receptor Agonist, MPLA, can increase the efficacy of Cancer Vaccine Adjuvants	04/09/2018	140,512
Zambrello, Matthew A	DHHS/NIH/National Institute of Dental and Craniofacial Research	Novel Computational Techniques to Expand the Scope of Protein Nuclear Magnetic Resonance Spectroscopy	04/30/2018	49,376
<b>Calhoun Cardiology Center - CCC</b>			<b>3 Proposals</b>	<b>\$147,532</b>
Hinson, John T	DOD/Department of Defense/Jackson Laboratory	Identification of the Genetic Architecture of Cardiomyocyte Regeneration Using CRISPR Screens	06/27/2018	50,255
Hinson, John T	Hughes (Howard) Medical Institute	Assessing Pathogenicity of Beta-Myosin Heavy Chain Gene Variants Using Human Stem Cell-Based Assays	04/17/2018	38,000
Hinson, John T	DHHS/NIH/National Heart, Lung, and Blood Institute/Jackson Laboratory	Identification and Functional Characterization of Structural Variants in Cardiovascular Disease	06/26/2018	59,277
<b>Cell Analysis Modeling - CCAM</b>			<b>2 Proposals</b>	<b>\$3,520,337</b>
Blinov, Mikhail	DHHS/NIH/National Institutes of Health	New Tools to Simulate the Biophysics of Multi-molecular Clusters	06/19/2018	1,931,604
Blinov, Mikhail	DHHS/NIH/National Institutes of Health	Enabling Analysis of Parameter and Model Uncertainty in Systems Biology	06/05/2018	1,588,733
<b>Cell Biology</b>			<b>10 Proposals</b>	<b>\$3,983,813</b>
Laubenbacher, Reinhard C	DHHS/NIH/National Institutes of Health/Worcester Polytechnic Institute	Copper Homeostasis in the Opportunistic Pathogen Pseudomonas Aeruginosa	06/27/2018	90,000
Laubenbacher, Reinhard C	Mayday Fund/UCConn Foundation	Connecticut Pain Consortium	06/29/2018	55,000
Fong, Guo-Hua	DHHS/NIH/National Eye Institute	Regulation of Retinal Angiogenesis and Vascular Integrity by the Oxygen Sensing Mechanism	06/12/2018	487,107
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Endocytic Regulations if Inflammation	06/08/2018	262,548
Laubenbacher, Reinhard C	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Genomic Center for Infectious Diseases	06/07/2018	234,830
Egbert, Jeremy R	DHHS/NIH/National Institutes of Health	Gonadotropin-induced calcium signaling in ovarian follicles	06/18/2018	159,500
Peluso, John J	DHHS/NIH/National Institutes of Health	Melabolic Changes in the Trophectoderm Induce the Selective Elimination of Aneuploid Cells Within the Inner Cell Mass of Preimplantation Embryos by Inducing Apoptosis Through a p53-dependent Mechanism	06/13/2018	159,500
Laubenbacher, Reinhard C	DHHS/NIH/National Institute of General Medical Sciences	Control of Heterogeneous Microbial Communities Using Model-Based Multi-Objective Optimization	05/31/2018	110,182
Peluso, John J	DHHS/NIH/National Institutes of Health	Luteal cell expression of Progesterone Receptor Membrane Component-1 and 2 prevents the premature demise	06/04/2018	2,410,819
Peluso, John J	DHHS/NIH/National Institutes of Health/University of Connecticut	Genetic Interrogation of Conserved Follicular Factors for Matrix Metalloproteinase Regulation & Ovulation	04/03/2018	14,327
<b>Center for Quantitative Medicine</b>			<b>2 Proposals</b>	<b>\$161,260</b>
Young, Erin	DHHS/NIH/National Institutes of Health/University of Connecticut	Center for Accelerating Precision Pain Self-Management	06/26/2018	39,048

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Young, Erin	Rainin (Kenneth) Foundation/University of Connecticut	Identifying novel contributions of colonic gene expression and intestinal microbiome to pain burden and pain chronicity in pediatric Ulcerative Colitis patients	05/23/2018	122,212
<b>Center for Vascular Biology</b>			<b>2 Proposals</b>	<b>\$345,261</b>
Murphy, Patrick A	DHHS/NIH/National Institutes of Health	Investigation of Alternative Splicing in Response to Low and Disturbed Flow-Supplement	06/08/2018	244,865
Caromile, Leslie A	DHHS/NIH/National Cancer Institute	PSMAs Role in Signal Transduction Pathway Switching in Prostate Cancer	06/14/2018	100,396
<b>Community Medicine and Health Care</b>			<b>8 Proposals</b>	<b>\$5,310,272</b>
Ha, Toan H	DHHS/NIH/National Institute of Mental Health	HIV risk among young women workers in the industrial zone in Vietnam	05/07/2018	390,120
Gelbar, Nicholas	DHHS/ACL/Administration for Community Living/CT Council on Developmental Disabilities	University of Connecticut, University Center for Excellence in Developmental Disabilities and Connecticut Council on Developmental Disabilities MOU	05/11/2018	37,488
Ungemack, Jane A	CT Department of Children and Families/Social Finance	CT DCF Social Impact Bonding (SIB)	04/23/2018	238,403
McRee, Bonnie G	DHHS/CDC/Centers for Disease Control and Prevention	Alcohol Screening in Planned Parenthood to Increase Resiliency (ASPPiRE)	05/16/2018	1,585,802
Schensul, Stephen L	DHHS/NIH/National Institutes of Health	Alcohol and ART Adherence: Assessment, Intervention and Modeling in India	05/22/2018	54,952
Bruder, Mary E	DHHS/NIH/National Institutes of Health	University Centers for Excellence in Developmental Disabilities Education, Research, and Services	04/16/2018	2,735,000
Grady, James J	DHHS/NIH/National Cancer Institute/Connecticut Children's Medical Center	Integrated Basic and Translational Approaches to Identify Early Biomarkers and Pathogenesis of Anthracycline Cardiotoxicity	06/18/2018	87,447
Stevens, Richard G	DHHS/NIH/National Institutes of Health/Yale University	Study of Health Impact of Fluctuation-work Time (SHIFT): A Prospective Omic-based Investigation of Circadian Disruption	05/23/2018	181,060
<b>Family Medicine</b>			<b>1 Proposals</b>	<b>\$29,493</b>
Henderson, David D	American Medical Association Foundation	The Social Determinants of Academic Success - A New Assessment Process to Foster Inclusion in the Learning Environment and Student Wellness.	05/14/2018	29,493
<b>Genetics and Developmental Biology</b>			<b>11 Proposals</b>	<b>\$11,359,947</b>
Tucker, Joseph W	CT Department of Public Health/Connecticut Children's Specialty Group	Diagnostic Treatment and Services for Connecticut Newborn Screening	06/26/2018	18,593
Lee, Se-Jin	American Diabetes Association/Jackson Laboratory	Role of transforming growth factor-B-related signaling molecules and their binding proteins in regulating glucose homeostasis	06/26/2018	1,298,736
Mayer, Bruce J	DHHS/NIH/National Institutes of Health	Integrating computational modeling and tyrosine phosphoproteomics in cancer	06/22/2018	3,115,238
Pinter, Stefan F	DHHS/NIH/National Institute of General Medical Sciences	Mechanisms of escaping X chromosome inactivation and translation to X-linked disease	06/15/2018	394,472
Cotney, Justin L	DHHS/NIH/National Institutes of Health	Integrated Multi-Omics Analyses of Early Mammalian Craniofacial Development	06/15/2018	319,000
Lee, Se-Jin	DHHS/NIH/National Institute on Aging	TGF-BETA Family Members and Their Binding Proteins in Aging Skeletal Muscle	04/13/2018	468,857
Ahmed, Zeeshan	NSF/National Science Foundation	SCH: INT: PRECISE-MED: Precise & Reproducible Electronic Clinical-Data Management and Integrative System for Precision Medicine	05/21/2018	900,000
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	The UConn/JAX-GM Training Program in Genomic Science	05/25/2018	3,757,701
Li, Yuanhao	DHHS/NIH/National Institutes of Health	Roles of Foxp1 and Foxp2 in the generation of Purkinje neurons	04/16/2018	438,625
Cotney, Justin L	DHHS/NIH/National Institute of General Medical Sciences	Unraveling mechanisms of genome regulation to understand and improve human health	04/13/2018	398,750
Graveley, Brenton R	DHHS/NIH/National Institute of General Medical Sciences	Complex RNA Processing	05/31/2018	249,975

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>Health Disparities Institute</b>			<b>2 Proposals</b>	<b>\$209,277</b>
Powell, Wizdom A	DHHS/NIH/National Institute on Drug Abuse	Neighborhoods, Daily Stress, Affect Regulation & Black Male Substance Use	05/14/2018	189,302
Powell, Wizdom A	Johnson (Robert Wood) Foundation	Culture of Health Leaders Program 2018	06/28/2018	19,975
<b>Immunology</b>			<b>5 Proposals</b>	<b>\$1,337,250</b>
Cauley, Linda S	DHHS/NIH/National Institute of Allergy and Infectious Diseases	The Role of APC's During Formation and Maintenance of Pulmonary TRM Cells	05/24/2018	438,625
Wang, Kepeng	CaroGen	Modulating Cancer-Associated Immunity By Virus-Like Vesicles/Development of a Multi-Targeted Immunotherapy for Colon Cancer	04/20/2018	15,000
Haynes, Laura	DHHS/NIH/National Institutes of Health	Does the senescent environment contribute to age-related changes in T cell function?	04/13/2018	438,625
Wang, Kepeng	Alzheimer's Association	The Role of Interleukin-17 in Alzheimer's Disease	04/13/2018	100,000
Zhou, Beiyang	American Diabetes Association	microRNA Regulation of ATB in Obesity	04/16/2018	345,000
<b>Medicine</b>			<b>23 Proposals</b>	<b>\$21,060,539</b>
Rash, Carla J	DHHS/SAMHSA/Center for Mental Health Services/Community Renewal Team	CRT Medication Assisted Treatment Program	06/28/2018	254,967
Kuchel, George A	DHHS/NIH/National Institute of General Medical Sciences/Jackson Laboratory	Identification and interpretation of chromatin changes associated with the aging of human immune cel	06/12/2018	27,796
Petry, Nancy M	American Psychological Association	Dr. Petry will be editor of "Psychology of Addictive Behaviors"	04/02/2018	3,600
Petry, Nancy M	American Psychological Association	Dr. Petry will be editor of "Psychology of Addictive Behaviors"	04/02/2018	3,600
Kuchel, George A	DHHS/NIH/National Institute on Aging	Immune Response to High-Dose vs. Standard Dose Influenza Vaccine	04/17/2018	366,810
Kim, In Soo	Honda R&D Americas	Pilot Study on In-Vehicle Controls Using Brain Computer Interface Technology. Phase 2	04/24/2018	49,996
Radolf, Justin D	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Sexually Transmitted Infections (STI) Cooperative Research Centers (CRC) Vaccine Development	06/20/2018	11,389,191
Heinen, Christopher D	DHHS/NIH/National Cancer Institute	Saturation Genome Editing Approach to Functionality Test All Possible MSH2 Variants	06/18/2018	438,625
Lo, Wai Hong	DHHS/NIH/National Institutes of Health/University of Connecticut	Biodegradable piezoelectric scaffold for bone regeneration	06/11/2018	53,066
Robison, Julie T	DHHS/ACL/Administration for Community Living/CT Department of Rehabilitative Services, State Unit on Aging (DORS)	No Wrong Door System Business Case Development	06/08/2018	130,408
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health	Effect of Intermittent Fasting Induced Gut Micro biome Alteration in Mouse Model of Alzheimer's Disease	06/08/2018	395,007
Lo, Wai Hong	DHHS/NIH/National Institutes of Health	The molecular mechanism of the surface charge of piezoelectric materials for bone regenerative engineering	06/11/2018	454,554
Zajac, Kristyn	DHHS/NIH/National Institutes of Health	Treating Co-Occurring PTSD and Substance Abuse in High-Risk Transition Youth	06/06/2018	241,076
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health	Intermittent Fasting-Induced Gut Micro biome Modulation of CNS Autoimmunity	06/07/2018	1,638,286
Zhou, Yanjiao	University of Nebraska	Bioinformatics	05/30/2018	14,700
Hurley, Marja	DHHS/Department of Health and Human Services	Health Professions Partnership Initiative	05/25/2018	3,188,230
Petry, Nancy M	DHHS/NIH/National Institutes of Health/Yale University	Psychotherapy Development Research Center	05/29/2018	377,151

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

## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Kuchel, George A	DHHS/NIH/National Institutes of Health/Wake Forest University	Targeting Aging with Metformin:Tame (Biomarker Discovery Core)	05/24/2018	293,545
Andemariam, Biree	DHHS/HRSA/Health Resources and Services Administration/Mount Sinai School of Medicine	Region Comprehensive Hemophilia Program	05/22/2018	20,672
Pilbeam, Carol	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Cox 2 Regulation of Bone Responses to PTH: Role of Osteoclasts	05/14/2018	347,628
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Interventions for Unemployed Hazardous Drinkers	05/14/2018	610,379
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health/Washington University, St. Louis	Azithromycin To Prevent Recurrent Wheezing Following Severe RSV Bronchiolitis	04/30/2018	79,312
Oncken, Cheryl	DHHS/NIH/National Cancer Institute	Electronic Cigarette Use During Pregnancy	04/13/2018	681,940
<b>Molecular Biology &amp; Biophysics</b>			<b>5 Proposals</b>	<b>\$1,438,045</b>
Torti, Suzy V	DOD/Army/Army Medical Research Acquisition Activity	Multi scale mathematical modeling of iron metabolism in breast cancer	05/30/2018	361,944
Hao, Bing	DHHS/NIH/National Institute of General Medical Sciences	Microscale Thermophoresis (MTS) Instrument System	05/31/2018	203,750
Hoch, Jeffrey C	DHHS/NIH/National Institute of General Medical Sciences	Center for Biomolecular NMR Data Processing and Analysis	05/31/2018	357,711
Hoch, Jeffrey C	DHHS/NIH/National Institute of General Medical Sciences	Development and Application of Non-Fourier Method for Biomolecular NMR	05/16/2018	60,390
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Targeting Viral Alkaline Nucleases for the Development of Broad Spectrum Anti-Herpesvirus Therapeutics.	04/16/2018	454,250
<b>NEAG Cancer Center (SOM)</b>			<b>1 Proposals</b>	<b>\$218,515</b>
Srivastava, Pramod	DHHS/NIH/National Institutes of Health/University of Connecticut	Transferral curcumin neoepitopes microneedle for cancer immunotherapy	06/07/2018	218,515
<b>Neuroscience</b>			<b>9 Proposals</b>	<b>\$5,966,138</b>
Trakhtenberg, Feliks	DOD/Department of Defense	Retinal Ganglion Cell-Targeted Nanocapsule for Sustained Regeneration of Injured Axonal Tissue.	06/28/2018	280,000
Trakhtenberg, Feliks	DOD/Department of Defense	Pharmacological Hypothermia to Treat Acute Lung Injury in the Field	06/28/2018	328,000
Mohan, Royce	DHHS/NIH/National Eye Institute	PAD4 in Retinal Gliosis R21 EY028699-01	06/07/2018	194,112
Bansal, Rashmi	DHHS/NIH/National Institute of Neurological Disorders and Stroke	Role of FGF-Signaling in Myelinogenesis.	05/15/2018	438,625
Yan, Riqiang	DHHS/NIH/National Institute on Aging	Inhibition of BACE1 for Benefiting Alzheimer's Patients.	04/30/2018	186,767
Yan, Riqiang	DHHS/NIH/National Institute of Neurological Disorders and Stroke	BACE1 in Neurodegeneration and Neuronal Dysfunction.	04/25/2018	1,853,081
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Developmental specification of retinal ganglion cell subtypes and activation of axon growth.	04/17/2018	1,998,678
Trakhtenberg, Feliks	DOD/Department of Defense	Transcriptional Regulation of Axonal Tissue Regeneration in the Central Nervous System	06/27/2018	328,000
Mains, Richard	DHHS/NIH/National Institutes of Health	Cell Biology of Bioactive Peptide Secretion.	06/06/2018	358,875
<b>Obstetrics and Gynecology</b>			<b>1 Proposals</b>	<b>\$750</b>
Grow, Daniel	New England Fertility Society	During IVF, At What P Level On Day of Trigger Should We Recommend Freeze-Only as Opposed to Fresh Embryo Transfer?	04/05/2018	750

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>Orthopaedic Surgery</b>			<b>13 Proposals</b>	<b>\$8,389,023</b>
Kumbar, Sangamesh G	DHHS/NIH/National Institutes of Health	Creating Biodegradable Conducting Polymeric Implants	06/11/2018	438,651
Laurencin, Cato	DHHS/NIH/National Institutes of Health/University of Texas, El Paso	BUILDing Scholars Phase II	05/25/2018	21,875
Arciero, Robert A	DHHS/NIH/National Institutes of Health/University of Connecticut	Sport Training to Reduce Injuries and Develop Excellence (STRIDE): Disseminating Injury Prevention Strategies to Keep Children Active For Life	05/24/2018	22,797
Nair, Lakshmi S	DHHS/NIH/National Institutes of Health	Novel Injectable Analgesic Delivery System for Musculoskeletal Pain Management	06/04/2018	2,010,060
Canalis, Ernesto	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Mechanisms of Notch Action in Bone	05/21/2018	2,263,345
Laurencin, Cato	DHHS/NIH/National Institutes of Health	Regenerative Engineering of Complex Musculoskeletal Tissues and Joints	06/15/2018	797,500
Nukavarapu, Syam	DHHS/NIH/National Institutes of Health	Biodegradable Scaffolds for Osteochondral Tissue Engineering	06/01/2018	1,993,750
Kumbar, Sangamesh G	DHHS/ACF/Administration for Children and Families	Biodegradable Matrices for Bone Healing	04/13/2018	351,693
Mazzocca, Augustus D	Arthrex	Post-Hydration of Arthrex's New DBM	04/12/2018	2,173
Mazzocca, Augustus D	Arthrex	Before and After Clinical Video of New DBM	04/12/2018	1,132
Mazzocca, Augustus D	Arthrex	Pre-Hydration of Arthrex's New DBM	04/12/2018	2,173
Laurencin, Cato	NSF/National Science Foundation/University of Connecticut	Planning Grant: Engineering Research Center for Regenerative Engineering	06/06/2018	87,572
Canalis, Ernesto	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Role of NFAT in the Skeleton	05/16/2018	396,302
<b>Pediatrics</b>			<b>3 Proposals</b>	<b>\$505,685</b>
Salazar, Juan	CT Department of Public Health/Connecticut Children's Medical Center	Department of Public Health HIV Prevention	05/23/2018	203,831
Hollenbach, Jessica P	Patterson Trust (Robert Leet and Clara Guthrie)/Connecticut Children's Medical Center	Interrogating the Placental Microbiome Among Pregnant Women with Asthma	05/31/2018	2,000
Salazar, Juan	CT Department of Public Health	Department of Public Health HIV Prevention	05/24/2018	299,854
<b>Psychiatry</b>			<b>13 Proposals</b>	<b>\$11,896,978</b>
Hesselbrock, Victor	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/State University of New York	Collaborative Study on the Genetics of Alcoholism - Administrative Supplement	05/31/2018	63,754
Briggs-Gowan, Margaret J	DHHS/NIH/National Institutes of Health/Northwestern University	Dimensions of Early Temper Loss and Low Concern: Clinical Utility and Mechanisms	06/18/2018	114,553
Kamath, Jayesh	NSF/National Science Foundation	SCH: INT: Personalized Depression Treatment Supported by Mobile Sensor Analytics	05/22/2018	466,909
Wu, Zhao	DHHS/CDC/Centers for Disease Control and Prevention	Community pathways to identification and MAT engagement of individuals at high risk of overdose (IHRO)	05/15/2018	2,074,036
Ginsburg, Golda S	DHHS/NIH/National Institute of Mental Health	Enhancing the Capacity of Pediatric Primary Care Providers: A Pilot Trial of the Anxiety Action Plan	06/13/2018	731,550
Kaminer, Yifrah	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Treatment of Co-Occurring Alcohol Use Disorders and Depression/Anxiety Disorders	05/14/2018	362,899
Steffens, David C	DHHS/NIH/National Institutes of Health	1/2 Phenotype-Genotype Predictors of Cognitive Outcomes in Geriatric Depression	05/14/2018	376,556

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Briggs-Gowan, Margaret J	DHHS/NIH/National Institutes of Health/Northwestern University	Generating an Earlier Science of When to Worry: A Neurodevelopmental, Transactional Approach to Characterizing Irritability Patterns Beginning in Infancy	04/17/2018	13,154
Bauer, Lance O	DHHS/NIH/National Institutes of Health	Concurrent Treatment of Heavy Drinking and Obesity in African American Women	04/09/2018	717,750
Grasso, Damion J	DHHS/NIH/National Institutes of Health	Mapping Dimensional Aspects of Biobehavioral Threat Reactivity in Young, Violence-Exposed Children: Linkages to Fear and Distress	06/15/2018	4,020,217
Grasso, Damion J	DHHS/NIH/National Institute of Child Health and Human Development	Early Life Mechanisms of Intergenerational Transmission of Trauma-Related in offspring: Epigenetic and Neurodevelopmental Pathways	06/08/2018	199,375
Hesselbrock, Victor	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/State University of New York	Collaborative Study on the Genetics of Alcoholism (COGA)	06/18/2018	643,633
Kaminer, Yifrah	DHHS/NIH/National Institutes of Health/Massachusetts General Hospital	Facilitating and Enhancing Youth Substance Use Disorder Recovery: Testing the efficacy, mechanisms, and moderators, of integrated...	05/21/2018	2,112,592
<b>Surgery</b>			<b>8 Proposals</b>	<b>\$6,133,982</b>
Smith, Phillip P	DHHS/NIH/National Institute on Aging	Detrusor Under Activity as an HCN-Mediated Failure of Resilience in Aging	06/27/2018	3,967,959
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	In Vivo Evaluation of Biomatrix Coatings for Glucose Sensors (Helmsley Foundation)	06/26/2018	30,000
Choudhary, Dharamainder	DHHS/NIH/National Institutes of Health/University of Connecticut	Electrocatalytic Studies of Toxic Pollutant Activation	06/22/2018	311,418
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	Use of Treg Exosomes to Enhance Hernia Repair	04/03/2018	43,981
Smith, Phillip P	DHHS/NIH/National Institutes of Health/University of Connecticut	Lumbosacral DRG Neuromodulation to Manage Visceral Pain	05/24/2018	262,851
Sharafieh, Roshanak	American Diabetes Association	2018 Junior Faculty Development Award	04/13/2018	539,451
Smith, Phillip P	DHHS/NIH/National Institute on Aging	Regulatory Mechanisms in a Homeostatic Model of Geriatric Voiding Problems & Incontinence	04/11/2018	212,724
Sharafieh, Roshanak	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Development of Exosome Based Biomarkers to Aid Treatment of Diabetic Foot Ulcers	06/05/2018	765,598
<b>Traumatology and Emergency Medicine</b>			<b>1 Proposals</b>	<b>\$193,169</b>
McKay, Charles	DHHS/HRSA/Health Resources and Services Administration	Poison Center Support and Enhancement	04/19/2018	193,169
<b>University of Connecticut Health</b>			<b>140 Proposals</b>	<b>\$102,142,700</b>
<b>Grand Total</b>			<b>505 Proposals</b>	<b>\$264,705,476</b>

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## Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>College of Agriculture, Health and Natural Resources</b>			<b>40 Proposals</b>	<b>\$13,113,215</b>
<b>Agricultural and Resource Economics</b>			<b>2 Proposals</b>	<b>\$779,515</b>
Bravo-Ureta, Boris E	USAID/US Agency for International Development	Impact Evaluation of Technological Innovations in Groundnut Farming in Malawi	06/29/2018	484,389
Pomeroy, Robert S	USDA/National Institute of Food and Agriculture	Business Planning for Kelp Aquaculture in New England	05/17/2018	295,126
<b>Agriculture and Natural Resources Dean</b>			<b>1 Proposals</b>	<b>\$772,562</b>
Venkitanarayanan, Kumar S	DHHS/FDA/Food and Drug Administration	NARMS: Prevalence of Antibiotic Resistant Salmonella, Campylobacter, E. Coli and Interococci in Retail Meats in Connecticut	05/01/2018	772,562
<b>Allied Health Sciences</b>			<b>3 Proposals</b>	<b>\$4,028,798</b>
Lai, Laijun	DHHS/NIH/National Institutes of Health	Modeling and Preventing Chronic Graft-Versus Host Disease by ESC-Derived Thymic Epithelial Cells	05/22/2018	1,994,200
Lai, Laijun	DHHS/NIH/National Institutes of Health	rIL-7/HGFbeta Directs HSC Differentiation from HSC Precursors	05/24/2018	1,994,200
Silbart, Lawrence K	Torigen Pharmaceuticals	Characterization of Immune Activation Following Vaccination with Autologous Canine Cancer Cavvines	04/09/2018	40,398
<b>Animal Science</b>			<b>1 Proposals</b>	<b>\$1,972,261</b>
Tang, Young	DHHS/NIH/National Institute of Child Health and Human Development	JAK/STAT Regulated 3ertoll Cell Homeostasis and Male Fertility	06/05/2018	1,972,261
<b>Extension</b>			<b>8 Proposals</b>	<b>\$1,520,446</b>
Bonelli, Joseph A	Northeast Region Sustainable Agriculture Research and Education Program	Nutrition's Role in Sustainable Livestock Production Practices	06/04/2018	75,110
Cutz, German R	USDA/Department of Agriculture/KNOX	Heightening the Presence of Ethnic Farming and USDA in Connecticut	05/15/2018	68,012
Hirsch, Diane W	DHHS/FDA/Food and Drug Administration/CT Department of Agriculture	Produce Safety MOU with the Connecticut Department of Agriculture	06/14/2018	400,606
Martin, Jennifer L	USDA/Agricultural Marketing Service	Increasing Market Opportunities for Farmers Markets and CSAs in Connecticut	05/07/2018	453,550
Martin, Jennifer L	USDA/Food and Nutrition Service/CT Department of Education	Farm to School Outreach and Training for SFAs, Farmers, and Champions	04/06/2018	71,176
Martin, Jennifer L	USDA/National Institute of Food and Agriculture	Soul Harvest: New and Beginning Farmer Training Program for POC	05/15/2018	157,553
Meador, Joyce E	USDA/National Institute of Food and Agriculture	Connecticut AgrAbility Project	04/30/2018	180,000
Ricard, Robert M	USDA/National Institute of Food and Agriculture	Inland and Coastal Flooding Preparation, Mitigation and Recovery in Contiguous States	06/15/2018	114,439
<b>Kinesiology</b>			<b>5 Proposals</b>	<b>\$657,844</b>
Casa, Douglas J	City of Hartford, CT	Relationship Between Hartford Public Schools & UConn	05/31/2018	272,911
Casa, Douglas J	City of Hartford, CT	Relationship Between SMSA, Classical, HPS & UConn	05/31/2018	249,314
LaFerrier, Justin Z	VA/Department of Veterans Affairs/University of Pittsburgh	Comprehensive Training in Adaptive Cycling	04/30/2018	30,619
Lee, Elaine	DOD/Navy/Naval Submarine Medical Research Laboratory/Leidos	Validation of an Exhaled Nitric Oxide (NO) Based Model of Hyperbaric Oxidative Stress and Pulmonary Oxygen Toxicity Susceptibility Pre- and Post-Dive	05/23/2018	100,000
Mazerolle, Stephanie M	National Athletic Trainers Association	Examining the Professional Socialization of Athletic Training Students from Ethnically Diverse Background	04/02/2018	5,000
<b>Natural Resources and the Environment</b>			<b>3 Proposals</b>	<b>\$641,560</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Parent, Jason R	DOC/National Institute of Standards and Technology (NIST)/Enfield Fire Department, CT	Creating a Catalog of Point Clouds for Public Buildings in Enfield, Connecticut	04/20/2018	173,487
Witharana, Chandhi	Gates (Bill and Melinda) Foundation	Small Drones, Big Changes: Development of an Extensible System for Spatially Explicit Insect and Disease Analytics Based on Unmanned Aerial System (UAS) Technologies	05/01/2018	100,000
Witharana, Chandhi	NSF/National Science Foundation	Collaborative Research: Echydrological linkages of Arctic riparian shrub expansion to water, permafrost and soil microbiome	06/05/2018	368,073
<b>Nutritional Sciences</b>			<b>3 Proposals</b>	<b>\$288,998</b>
Chun, Ock K	DHHS/NIH/National Institutes of Health	Does Citrus Consumption Increase Melanoma Risk?	06/22/2018	161,000
Fernandez, Maria-Luz	American Egg Board/Egg Nutrition Center	Plasma TMAO and Choline Levels in Individuals with Metabolic Syndrome - Comparison Between Eggs and Choline Supplement Intake	04/19/2018	19,998
Kohan, Alison	Cystic Fibrosis Foundation	Is Chylomicron Synthesis and Secretion a Driver of Intestinal Disease in CF	05/07/2018	108,000
<b>Pathobiology</b>			<b>2 Proposals</b>	<b>\$2,139,750</b>
Geary, Steven J	DHHS/NIH/National Institutes of Health	Coinfections as Factors Facilitating the Emergence of Pathogens in Novel Hosts	06/05/2018	2,002,750
Smyth, Joan	USDA/Animal and Plant Health Inspection Service	NAHLN VETDX Member Lab Cooperative Agreement 2018	06/26/2018	137,000
<b>Plant Science and Landscape Architecture</b>			<b>12 Proposals</b>	<b>\$311,481</b>
Allen, Joan	USDA/National Institute of Food and Agriculture/Cornell University	Regional Center Plant Diagnostic Facility	05/21/2018	24,600
Concklin, Mary E	USDA/National Institute of Food and Agriculture/University of Massachusetts, Amherst	Developing a Multi Life-Stage Management Strategy for Apple Maggot, A Persistent Tree Fruit Pest in the Northeast, through the Integration of Attract-and-Kill and Biological Control	04/27/2018	19,998
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Biological Control of Mile-a-Minute Weed (Persicaria Perfoliata) with Rhinocomimum Latipes FY2018	06/26/2018	1,500
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	CAES Orchard Survey	05/04/2018	5,000
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	CAES Solanaceous Survey	05/04/2018	5,000
Legrand, Ana	Northeast Region Sustainable Agriculture Research and Education Program	Drought-Resistant Floral Resources for Pollinators and Insect Natural Enemies	05/08/2018	14,950
Lubell-Brand, Jessica D	Horticultural Research Institute	Evaluating Pollinator Support of Shrub Nativars	05/02/2018	24,869
Lubell-Brand, Jessica D	USDA/Department of Agriculture/CT Department of Agriculture	Connecticut Native Shrub Cultivars	04/11/2018	23,085
Morris, Thomas F	USDA/Natural Resources Conservation Service	Increase in Soil Test Phosphorus from Manure and Fertilizer Applications	06/01/2018	74,999
Morris, Thomas F	USDA/Natural Resources Conservation Service	Soil Test Phosphorus Critical Level for Connecticut Soils	06/01/2018	74,998
Rackliffe, Steven	National Turfgrass Evaluation Program	2017 National Turfgrass Evaluation Program	04/11/2018	7,500
Raudales Banegas, Rosa E	Horticultural Research Institute	Algae control in irrigation water for container production	05/31/2018	34,982
<b>College of Liberal Arts and Sciences</b>			<b>86 Proposals</b>	<b>\$38,630,267</b>
<b>Anthropology</b>			<b>2 Proposals</b>	<b>\$146,062</b>
Munro, Natalie	NSF/National Science Foundation	The Forage-Farmer Transition and the Emergence of Animal Domestication in the Upper Jordan Valley, Israel	06/29/2018	114,096

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Smith, Chrystal A	NSF/National Science Foundation/University of South Florida	Understanding Environmental Factors that Influence STEM Students' Motivation to Act Ethnically in the Classroom and in the Workplace	04/17/2018	31,966
<b>Chemistry</b>			<b>8 Proposals</b>	<b>\$4,596,962</b>
He, Jie	DOE/Department of Energy	Copper-Containing Polymers as Bio-Inspired Catalysts for Aerobic Hydroxylation of Phenols and Oxidation of Primary Alcohols	04/04/2018	848,708
Kumar, Challa V	NASA/National Aeronautics and Space Administration/Mark O'Neill	25x Space Fresnel Lens Concentrator Using 4(+) Junction IMM Solar Cells and Nycytinastic Graphene Radiators to Mitigate LILT Effects for Outer Planet Missions	06/06/2018	185,000
Mani, Tomoyasu	DOE/Brookhaven National Laboratory	Coherence in Charge Pairs for QIS	05/23/2018	18,006
Mani, Tomoyasu	DOE/Department of Energy	Generation of Triplets of Organic Molecules for Harvesting Solar Energy	04/04/2018	797,549
Peczuh, Mark W	DHHS/NIH/National Institutes of Health	A Platform for Identifying Glycosylated Small Molecule Lead Compounds	06/18/2018	442,750
Rouge, Jessica	Connecticut Innovations/Yale University	Novel Targeted Nucleic Acid Nonocapsule-Delivered Therapeutics for Treating Optic Neuropathies	04/05/2018	10,000
Rouge, Jessica	DOD/Department of Defense/University of Connecticut Health Center	Retinal ganglion cell-targeted nanocapsule for sustained regeneration for injured axonal tissue	06/21/2018	100,000
Rusling, James F	DHHS/NIH/National Institutes of Health	Ultrasensitive Immuoarrays for Low Cost Multiplexed Protein Detection	05/24/2018	2,194,949
<b>Ecology and Evolutionary Biology</b>			<b>7 Proposals</b>	<b>\$2,922,803</b>
Taylor, Sarah	CT Department of Energy and Environmental Protection	Environmental Review of Impacts to State-Listed Plants from DEEP Projects Implemented on State Lands	04/26/2018	10,217
Turchin, Peter	DOD/Army/Army Research Office	Understanding Human Resilience: The Role of the Strength of Social Norms	05/16/2018	367,346
Urban, Mark C	NASA/National Aeronautics and Space Administration	Overcoming Adaption: How Colonization, Evolution, and Competition Determine the Assembly of Extremophile Communities	05/24/2018	953,472
Wegrzyn, Jill L	NSF/National Science Foundation/Washington State University	Collaborative Proposal: Framework: Data: HDR: Science-driven Cyberinfrastructure for the Tripal Cooperative (Tripal Co-op)	04/18/2018	1,204,715
Yarish, Charles	DOE/Advanced Research Projects Agency/University of Southern California	Development of Genetics-based Selective Breeding of Sterile Kelp	06/29/2018	253,976
Yarish, Charles	EPA/Environmental Protection Agency	Fostering Stewardship of Healthy Coastal Ecosystems in Long Island Sound using Interactive Display at Maritime Aquarium	04/11/2018	100,000
Yarish, Charles	USDA/National Institute of Food and Agriculture/Pennsylvania State University	Deciphering the Crosstalk Between Bacteria-Archaea Interactions in the Rumen and Methane-Yield Phenotype of Dairy Cows	05/18/2018	33,077
<b>Economics</b>			<b>1 Proposals</b>	<b>\$30,030</b>
Prakash, Nishith	Azim Premji University	Social Ties and Bureaucratic Corruption	04/10/2018	30,030
<b>Geography</b>			<b>2 Proposals</b>	<b>\$90,000</b>
Dasgupta, Debanuj	Mellon (Andrew W.) Foundation/Social Science Research Council	Queering Inter-Asian Linkages	05/04/2018	40,000
Trumbull, Nathaniel S	United States Embassy, Moscow	Siting for decommissioning of nuclear power plants in the U.S. and Russia: Lessons learned from socio-economic aspects of decommissioning of nuclear power plants in the U.S. and Russia	06/29/2018	50,000
<b>Human Development and Family Studies</b>			<b>1 Proposals</b>	<b>\$49,679</b>
Larusso, Maria	Spencer Foundation	Children Do Well If They Can: Changing Mindsets About Student Misbehavior	05/01/2018	49,679
<b>Literature, Culture and Languages</b>			<b>1 Proposals</b>	<b>\$499,358</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Nanclares, Gustavo	DOD/Department of Defense/Institute of International Education	Project GO Proposal for Arabic, Korean, and Mandarin Chinese Summer Overseas Immersion Programs	05/01/2018	499,358
<b>Marine Sciences</b>			<b>10 Proposals</b>	<b>\$495,802</b>
Bucklin, Ann	TED Conferences/Woods Hole Oceanographic Institution	Ocean Twilight Zone Project: Biodiversity Theme	06/14/2018	23,477
Cabaniss, Joseph T	DOC/NOAA/National Marine Fisheries Service	Charter of R/V Connecticut by NOAA to Recover and Deploy Acoustics Recording Units	05/18/2018	88,000
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Maine	Charter of R/V Connecticut by University of Main - Wallinga Bouy Maintenance June 2018	06/06/2018	46,546
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for ESP Deployment and Recovery	04/24/2018	92,388
Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Bigelow Laboratory for Ocean Sciences	Charter of R/V Connecticut for Bigelow Lab Gulf of Maine Survey	04/24/2018	30,800
Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Skidmore College	Charter of R/V Connecticut by Skidmore College for Equipment Testing	06/07/2018	26,400
Lombardo, Kelly	DOC/NOAA/National Oceanic and Atmospheric Administration	Exploring the Influence of Surface Heterogeneities on Low-level Vertical Vorticity and Polarimetric Radar Signatures in Idealized Quasi-Linear Convection Systems	04/12/2018	123,822
Lund, David C	NSF/National Science Foundation	Anomalous submarine volcanism during glacial terminations: Exploring archives from the Global mid-ocean ridge system	06/11/2018	49,939
Matassa, Catherine M	Westport River Watershed Alliance (WRWA)	Identifying the Drivers of Marsh Loss in the Westport River	04/25/2018	12,126
Vaudrey, Jamie M	Connecticut Fund for the Environment	2018 UWS Chlorophyll Analysis	05/29/2018	2,304
<b>Mathematics</b>			<b>2 Proposals</b>	<b>\$445,750</b>
Peters, Thomas J	DHHS/NIH/National Institutes of Health	Simulating Neurodevelopment to Understand Hydrocephalus	06/08/2018	442,750
Vadiveloo, Jeyaraj	Voya Financial	VOYA Financial	06/19/2018	3,000
<b>Molecular and Cell Biology</b>			<b>13 Proposals</b>	<b>\$7,780,733</b>
Broderick, Nichole	DHHS/NIH/National Institutes of Health/University of California, San Francisco	Studying Inclusive Mentor Networks to Diversify the Biomedical Workforce	05/29/2018	227,745
Cole, James L	DHHS/NIH/National Institutes of Health	Regulation of PKR by Dimerization	06/18/2018	442,750
Cole, James L	DHHS/NIH/National Institutes of Health/Emphutos Therapeutics	Activators of the antiviral kinase PKR	04/02/2018	116,890
Core, Leighton J	American Cancer Society	Control of Post-Mitotic Genome Reactivation by Transcription Elongation	04/02/2018	790,000
Core, Leighton J	DHHS/NIH/National Institutes of Health/Dana Farber Cancer Institute	Single-cell analysis of TNF-induced signaling, transcription and fate decisions	06/28/2018	402,500
Gogarten, Johann P	NASA/National Aeronautics and Space Administration	Inferring gene families present the last universal cellular common ancestor	05/24/2018	504,160
Gogarten, Johann P	NASA/National Aeronautics and Space Administration/University of Hartford	Evolution of molecular parasites to elucidate genomic characteristics of LUCA	04/17/2018	8,000
Heaslip, Aoife	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Genomic Center for Infectious Diseases	06/12/2018	1,510,088
Lynes, Michael A	Biohaven Pharmaceuticals Holding Company	UC1MT Antibody Characterization Studies	04/06/2018	75,954
Mellone, Barbara	DHHS/NIH/National Institutes of Health	Genetic and Epigenetic Determinants of Centromere Identity	05/17/2018	2,787,146

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
O'Neill, Michael J	DHHS/NIH/National Institutes of Health	Investigating a New Loss-of-Function Model fro the Xlr3 Gene Family	06/27/2018	442,750
Papke, Robertson T	DHHS/NIH/National Institutes of Health/College of the Holy Cross	Conditional Protein Splicing of Inteins from Extreme Thermophiles and Halophiles: Structure, Mechanism, and Function	06/18/2018	30,000
Robinson, Victoria L	DHHS/NIH/National Institutes of Health	Toward Defining the Role of the 30S: BipAComplex	06/18/2018	442,750
<b>Physics</b>			<b>8 Proposals</b>	<b>\$5,407,478</b>
Battersby, Cara	NASA/National Aeronautics and Space Administration/University of Hartford	Comparison of Simulation and Observation of Star Formation in the Central Molecular Zone	04/17/2018	8,000
Battersby, Cara	NASA/National Aeronautics and Space Administration/University of Hartford	Unveiling the Structure of our Galaxy's Center: Seed Funding to Demonstrate Near/Far Distance Discrimination Techniques	04/17/2018	10,000
Berrah, Nora	DOE/Department of Energy	Attosecond Electron Dynamics in Molecules using Non-Linear Multidimensional Methodologies at LCLSII	04/25/2018	
Berrah, Nora	DOE/Department of Energy	Attosecond Electron dynamics in Molecules using Non-Linear Multidimensional Methodologies at LCLSII	05/21/2018	4,500,000
Tease, Katherine E	NASA/National Aeronautics and Space Administration	3D-Herschel: Completing the CANDELS/3D-HST Legacy with a New Bayesian Framework for Deriving Galaxy Properties	05/17/2018	417,530
Tease, Katherine E	NASA/National Aeronautics and Space Administration/University of Hartford	Examining High Redshift Rotation Curve Outside the Local Universe	06/01/2018	5,000
Trump, Jonathan R	NASA/National Aeronautics and Space Administration	Black Hole Spin from Quasar Spectral Energy Distributions	05/17/2018	233,474
Trump, Jonathan R	NASA/National Aeronautics and Space Administration	The Fossil Record of Supermassive Black Hole Seeds	05/17/2018	233,474
<b>Physiology and Neurobiology</b>			<b>13 Proposals</b>	<b>\$8,467,067</b>
Conover, Joanne	DHHS/NIH/National Institutes of Health	Disease Mechanisms of Prenatal and Pediatric Post-Infectious Hydrocephalus	06/01/2018	2,012,500
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	The Role of the Minor Spliceosome in Jaw Development	06/18/2018	442,750
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Regulation of Photoreceptor Metabolism	06/14/2018	69,750
Loturco, Joseph J	Beckman (Arnold and Mabel) Foundation	UConn Beckman Scholars Program	06/15/2018	156,000
Loturco, Joseph J	DHHS/NIH/National Institutes of Health	UConn Undergraduate Training Program for Maximizing Access to Research Careers	05/24/2018	1,566,498
Loturco, Joseph J	DHHS/NIH/National Institutes of Health/University of Texas Southwestern Medical Center, Dallas	Mechanism of communication between glimoas and glial cells	06/28/2018	75,000
Menuz, Karen A	DHHS/NIH/National Institutes of Health	Cellular and molecular basis of ammonia detection in Drosophila	06/18/2018	442,750
Nishiyama, Akiko	National Multiple Sclerosis Society	VAMP2-Mediated Exocytosis in Oligodendrocyte Lineage Cells fro Myelination	05/09/2018	55,000
Ostroff, Linnaea E	DHHS/NIH/National Institutes of Health	Preservation of brain tissue for serial electron microscopy with sequential immunolabeling	06/15/2018	442,750
Sun, Jianjun	Gates (Bill and Melinda) Foundation	A high-throughput platform for screening non-hormonal contraceptives	05/08/2018	710,000
Wang, Li	VA/Connecticut Healthcare System	IPA VA Connecticut Healthcare System_M. Tran	04/05/2018	56,981
Wang, Li	VA/Connecticut Healthcare System	VA Connecticut Healthcare System_J.Wu	05/10/2018	91,041
Wu, Jianguo	DHHS/NIH/National Institutes of Health	Intrahepatic metabolism reprogramming in liver regeneration	06/05/2018	2,346,047
<b>Psychological Sciences</b>			<b>13 Proposals</b>	<b>\$6,447,603</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Barnes-Farrell, Janet L	DHHS/CDC/Centers for Disease Control and Prevention/University of Massachusetts, Lowell	Influence of Work on Aggressive Driving Behaviors: Understanding Mechanisms that Influence Employee Safety during the Commute (Center for the Promotion of Health in the New England Workplace)	05/10/2018	12,024
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health	Auditory Perception and Language Milestones in Children with Autism	04/09/2018	45,704
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health	Training in the Cognitive Neuroscience of Communication	05/24/2018	1,824,256
Fitch, Roslyn H	Hood (Charles H.) Foundation	Novel Screening and Treatment for Neurological Injury of Prematurity	05/18/2018	
Hancock, Roeland	DHHS/NIH/National Institutes of Health	Incorporating Neurochemistry in Individualized Models of Cortical Dynamics	06/05/2018	2,875,894
Hoefl, Fumiko	Chan Zuckerberg Initiative/University of California, San Francisco	Development and Validation of Precision Learning Executive Function App (PLEF)	06/15/2018	66,438
Naigles, Letitia	DHHS/NIH/National Institutes of Health	ABR and the Mental Lexicon in Typically Developing Children and Children with ASD	04/09/2018	140,355
Park, Crystal	DHHS/NIH/National Institutes of Health	Effects of Psychological Trauma and Cognitive Appraisals on Cardiovascular Stress Reactivity	04/09/2018	92,468
Paxton, Alexandra E	Mozilla	From cradle to grave: Understanding the life cycle of open-source software communities	05/01/2018	20,850
Paxton, Alexandra E	Twitter/Data for Democracy	A Dynamic Systems Approach to Creating Healthy Conversations, Communities, and Connections on Twitter	04/13/2018	234,396
Sheya, Adam	DHHS/NIH/National Institutes of Health	Coordinated Actions, Connected Minds: The Influence of Joint Action on the Development of Social Cognition	04/09/2018	92,468
Suanda, Sumarga H	McDonnell (James S.) Foundation	How the Dynamics of Early Interactions Shape Word Learning	05/02/2018	600,000
Swadlow, Harvey A	DHHS/NIH/National Institutes of Health	The Role of LGN Directional Selectivity in Visual Cortical Processing	06/18/2018	442,750
<b>Public Policy</b>			<b>1 Proposals</b>	<b>\$191,327</b>
Brunner, Eric J	Smith Richardson Foundation	The Effect of Attending a Career Technical High School on Employment & Earnings	05/10/2018	191,327
<b>Speech, Language and Hearing Sciences</b>			<b>3 Proposals</b>	<b>\$834,901</b>
Coelho, Carl A	DHHS/NIH/National Institutes of Health	Priming Cognitive-Linguistic Processes in Persons with Traumatic Brain Injury	04/09/2018	92,262
Myers, Emily	Brain Research Foundation	Neural precision for speech perception in noise-exposed adults	06/22/2018	
Myers, Emily	NSF/National Science Foundation	Individual Differences in Neural Precision for Speech Processing	04/17/2018	742,639
<b>Statistics</b>			<b>1 Proposals</b>	<b>\$224,712</b>
Harel, Ofer	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Examining the Role of Mortality in Masking Racial Disparities in Hospitalizations for Heart Failure	04/09/2018	224,712
<b>NEAG School of Education</b>			<b>7 Proposals</b>	<b>\$6,685,015</b>
<b>Curriculum and Instruction</b>			<b>1 Proposals</b>	<b>\$49,950</b>
Truxaw, Mary P	Spencer Foundation	Co-Teaching and Mathematical Discourse: Exploring Innovative Intersections to Support Student and Teachers in Culturally and Linguistically Diverse Classrooms	04/24/2018	49,950
<b>Educational Psychology</b>			<b>6 Proposals</b>	<b>\$6,635,065</b>
Bray, Melissa A	Glastonbury Public Schools, CT	School Psychology Graduate Intern - Corinne Golash	05/14/2018	18,690
Bray, Melissa A	Simsbury Public Schools, Simsbury, CT	School Psychology Graduate Intern - Meiko Howell	06/26/2018	19,411

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Brown, Scott W	Department of Education, Science & Training/University of Illinois at Chicago	Differentiating Learning in open Learning Environments Through a Dialogue-Based Pedagogical Agent (DBPA)	06/04/2018	1,583,651
Sanetti, Lisa M	DHHS/CDC/Centers for Disease Control and Prevention/University of Connecticut Health Center	An Integrated Approach to Hearing Preservation Among Construction Workers	06/07/2018	11,464
Sanetti, Lisa M	Windsor Public Schools, CT	Applying the Healthy Workplace Participatory Program to Address Teacher Wellbeing: A Mixed-Methods Pilot Study	05/24/2018	6,582
Sugai, George	ED/Office of Elementary and Secondary Education	Center to Improved Social Emotional Learning and School Safety	06/29/2018	4,995,267
<b>School of Business</b>			<b>2 Proposals</b>	<b>\$1,685,776</b>
<b>Business Dean</b>			<b>1 Proposals</b>	<b>\$1,457,486</b>
Ba, Sulin	Department of Education, Science & Training	UConn CIBER Proposal 23018-2022	06/13/2018	1,457,486
<b>Operations &amp; Info Management</b>			<b>1 Proposals</b>	<b>\$228,290</b>
Bhattacharjee, Sudip	DOC/Bureau of the Census	Center for Excellence, Big Data Research	05/03/2018	228,290
<b>School of Engineering</b>			<b>119 Proposals</b>	<b>\$45,343,052</b>
<b>BECAT</b>			<b>2 Proposals</b>	<b>\$1,834,019</b>
Luh, Peter B	DOE/Brookhaven National Laboratory	Stochastic Sizing and Operation of Grid-Level Energy Storage Systems	06/06/2018	299,999
Pattipati, Krishna R	DOD/Navy/Office of Naval Research	Human-AI Symbiosis for Agile Planning	05/11/2018	1,534,020
<b>Biomedical Engineering</b>			<b>7 Proposals</b>	<b>\$6,130,550</b>
Brown, Kevin S	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Enabling analysis of parameter and modeling uncertainty in systems biology	06/05/2018	384,543
Feng, Bin	DHHS/NIH/National Institutes of Health	Lumbosacral DRG Neuromodulation to Manage Visceral Pain	06/05/2018	2,584,280
Feng, Bin	DHHS/NIH/National Institutes of Health	The Role of Lumbar Splanchnic Innervations in Visceral Nociception and Pain	06/05/2018	2,414,221
Kaputa, David F	Beth Israel Deaconess Medical Center	2019-2020 Clinical Engineering Internship Program at Beth Israel Deaconess Medical Center	06/25/2018	74,892
Kaputa, David F	Huntington Hospital	2019-2021 Clinical Engineering Internship Program at Huntington Hospital	06/25/2018	132,204
Kaputa, David F	VA/Greater Los Angeles Healthcare System	2018-2020 VA Greater Los Angeles Healthcare System	04/13/2018	270,205
Kaputa, David F	VA/Long Beach Health Care System	2018-2020 Clinical Engineering Internship Program at VA Long Beach Healthcare System	04/13/2018	270,205
<b>Center for Clean Energy Engineering</b>			<b>27 Proposals</b>	<b>\$8,745,369</b>
Agrios, Alexander	DOE/Department of Energy	Scalable Processing of Encapsulation and Charge Extraction Layers for Robust, Efficient Perovskite Solar Cells	05/09/2018	
Anwar, A F	DOE/Department of Energy	Axially Oriented Layered Composite Nanostructured Photovoltaics	05/09/2018	
Anwar, A F	DOE/Department of Energy	Ultra Wide Spectrum Core Shell Nanostructures Photon Ratchet PhotoVoltaics	05/09/2018	
Jankovic, Jasna	DOD/Department of Defense/Precision Combustion	Fast Activating Lithium or Lithium-ion (Li-ion) Reserve Battery	06/19/2018	45,000
Jankovic, Jasna	DOE/Office of Energy Efficiency and Renewable Energy/Pajarito Powder	High Performance Catalysts and Supports for High Volume Electrolyzer Manufacturing	06/11/2018	200,000
Jankovic, Jasna	OverDrive Fuel Cell Engineering	Investigation of Failure Modes for Fuel Cells using Electron and X-ray Imaging Techniques	04/18/2018	31,560

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Kim, Jeongho	United Technologies-Pratt & Whitney	Development of LS-Dyna MAT 162 and MAT 261 Material Parameters for Tri-Axially Braided Composite Material using the LS-OPT Design Optimization Capability	05/09/2018	59,848
Lei, Yu	NSF/National Science Foundation	Planning Grant: Engineering Research Center for Personalized Precision Diagnosis (CPPD)	06/06/2018	100,000
Maric, Radenka	DOE/Department of Energy	Catalyst layer design, manufacturing and In-line Quality Control	05/07/2018	
Maric, Radenka	DOE/Department of Energy/Giner	Reversible Fuel Cell with Integrated Water Management	05/30/2018	200,000
Maric, Radenka	DOE/Office of Energy Efficiency and Renewable Energy	Catalyst layer design, manufacturing and In-line Quality Control	06/12/2018	2,000,000
Maric, Radenka	Eldor Corporation	Eldor Supported Post-Doc	05/10/2018	50,000
Maric, Radenka	Politecnico Milano	Vanadium Redox Flow Batteries with Barriers	05/21/2018	90,000
McCutcheon, Jeffrey R	American Institute of Chemical Engineers	High Purity Ethanol without Olstillation: CNT Membraned Enabling Selective Ethanol Extraction From Fermentation Broths	05/22/2018	436,907
McCutcheon, Jeffrey R	American Institute of Chemical Engineers	Modular ZLD Systems for Small Scale Distributed Wastewater Treatment	05/22/2018	524,398
McCutcheon, Jeffrey R	CT Department of Economic and Community Development	Collaboration in Support of the Restart of Fraunhofer Center for Energy Innovation 2.0	04/20/2018	1,484,410
Pasaogullari, Ugur	DOE/Advanced Research Projects Agency/T2M	Game Changer Fuel Cell (G-FC)	06/29/2018	247,793
Pasaogullari, Ugur	DOE/Department of Energy	Bipolar Membrane Direct Methanol Fuel Cells	05/07/2018	
Pasaogullari, Ugur	DOE/Department of Energy	Plasmonic Nanostructures for Enhanced Light Absorption	05/09/2018	
Pasaogullari, Ugur	DOE/Department of Energy/Skyre	In-Situ Hydrogen Contamination Detector for FCV Fueling	06/08/2018	709,276
Pasaogullari, Ugur	Electric Boat Corporation	Air Independent Power Generation Fuel Study	04/09/2018	41,177
Singh, Prabhakar	DOE/Advanced Research Projects Agency/DOE/Lawrence Berkeley National Laboratory	Metal-Supported SOFCs for Ethanol-Fueled Vehicles	06/26/2018	550,000
Singh, Prabhakar	DOE/Department of Energy	Area of Interest 1: Capture of Airborne Cr, Si, S and B gaseous Species for the Mitigation of SOFC Cathode Poisoning: Low Cost Alkaline-Transition Metal Oxide Getters and Validation in SOFC System (TRL 5)	04/30/2018	500,000
Singh, Prabhakar	DOE/Department of Energy	Large scale manufacturing of robust electrode-electrolyte interface modified Solid Oxide Electrolysis Cells: Mitigation of interface delamination for long term stability	05/07/2018	
Singh, Prabhakar	DOE/Department of Energy/Fuelcell Energy	Area Interest 2: Next Generation Solid Oxide Fuel Cell Module Development	04/27/2018	175,000
Singh, Prabhakar	DOE/Office of Energy Efficiency and Renewable Energy	Large scale manufacturing of robust electrode-electrolyte interface modified Solid Oxide Electrolysis Cells: Mitigation of interface delamination for long term stability	06/12/2018	1,000,000
Zhang, Peng	NSF/National Science Foundation	EAGER: Real-Time: Enabling Secure and Efficient Underwater Wireless Power/Data Transfer through Real-Time Learning	06/01/2018	300,000
<b>Chemical and Biomolecular Engineering</b>			<b>8 Proposals</b>	<b>\$2,410,673</b>
Cho, Yongku P	DHHS/NIH/National Institutes of Health	Human antibodies recognizing discontinuous epitopes within tau	06/18/2018	440,500
Escobar Ivirico, Jorge L	DOD/Department of Defense	Regenerative engineering tumor models to study and regulate the breast cancer cells activity	05/30/2018	573,243
Laurencin, Cato	Keck (W. M.) Foundation/University of Connecticut Health Center	Artificial GRID (Groups that are Regenerative, Interspersed and Dendritic) as a Novel Tool for Epimorphic Regeneration in Mammals	04/17/2018	15,042



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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Laurencin, Cato	NSF/National Science Foundation	Planning Grant: Engineering Research Center for Regenerative Engineering	06/06/2018	99,960
Ma, Wing Kui Anson	DOD/Department of Defense/University of Connecticut Health Center	Multiscale Mathematical Modeling of Iron Metabolism in Breast Cancer	05/23/2018	159,649
Ma, Wing Kui Anson	DOD/Navy/Department of the Navy/Electro Magnetic Applications	Scalable Technology for Manufacturing Large Composite Components using Nanostructured Heaters Phase I	06/11/2018	72,279
Srivastava, Ranjan	DOE/Department of Energy/Skyre	Integrated Electrochemical-BioProcess for Production of High-Value Bioproducts from Waste CO2	06/25/2018	750,000
Srivastava, Ranjan	NSF/National Science Foundation	RoL: FELs: EAGER: Evolving Ensembles of Models to Understand & Forecast Microbiome Dynamics	05/15/2018	300,000
<b>Civil and Environmental Engineering</b>			<b>8 Proposals</b>	<b>\$2,032,918</b>
Anagnostou, Emmanouil N	DOE/Advanced Research Projects Agency/Enviro Power Technologies	Residential-Base Micro-CHE Platform - A Non-Infrastructure Grid Balancing Solution for the Widespread Penetration of Intermittent Renewables	06/29/2018	1,523,346
Bagtzoglou, Amvrossios C	EPA/Environmental Protection Agency/CT Department of Public Health	Environmental Engineering Internships	04/11/2018	42,000
Christenson, Richard	DOD/Department of Defense/Electric Boat Corporation	System Identification and Testing of a Magnetorheological (MR) Fluid Damper	04/19/2018	49,970
Chrysochoou, Maria	EPA/Environmental Protection Agency	Engaging CT Community in Brownfields Redevelopment	04/13/2018	
Kim, Jeongho	Vita Zahnfabrik	Optimizing the Fracture Resistance of Ceramic-Polymer Hybrid Materials using Cohesive Finite Elements and Experimental Validation	06/19/2018	8,216
Kirchhoff, Christine	Water Research Foundation/LimnoTech	Assessment and Evaluation of Algal Bloom Problems	06/25/2018	20,482
Li, Baikun	NSF/National Science Foundation	EAGER SitS: Decoding Nitrogen Dynamics in Soil through Novel in-situ Hydrogel-coated Wireless Soil Sensors and Modeling	06/11/2018	300,000
Zhu, Jin	NSF/National Science Foundation	Collaborative: Standard: Cultures and Institutions in Student Organization Cultivating Ethical Engineers	04/17/2018	88,904
<b>Computer Science and Engineering</b>			<b>18 Proposals</b>	<b>\$11,694,459</b>
Bradford, Phillip G	DHHS/CDC/Centers for Disease Control and Prevention/University of Connecticut Health Center	Community Pathways to Identification and MAT Engagement of Individuals at High Risk of Overdose (IHRO)	05/15/2018	43,227
Fuller, Benjamin	Samsung Electronics Company	Continuous Cryptographic Iris Authentication for Mobile Platforms	06/11/2018	200,000
Han, Song	NSF/National Science Foundation	CPS: Medium: Collaborative Research: Achieving Control Certainty in Uncertain Environments: Holistic Approach to Dynamic and Composite Resource Management	05/09/2018	499,700
Han, Song	NSF/National Science Foundation	CPS: Small: Collaborative Research: Uncertainty Tolerant in a Skills-Based Robotic Programming System	05/09/2018	113,317
Han, Song	Samsung Electronics Company/Arizona State University	Smart Shoes for Human Musculoskeletal Healthcare	06/11/2018	49,977
Herzberg, Amir	NSF/National Science Foundation	CICI: SSC: Robust and Secure Internet Infrastructure for Scientific Collaboration	06/04/2018	998,449
Khan, Mohammad M	NSF/National Science Foundation	Modeling and Shaping the Influence of Moral Distress and Ethical Dilemma on User's Choice Behavior in the Context of Cyber-Human Systems: An Exploratory Study	04/16/2018	
Krawec, Walter O	Comcast Corporation	Survey of Practical Quantum Key Distribution Systems	05/21/2018	27,129
Mandou, Ion I	DOD/Department of Defense/University of Connecticut Health Center	Immunotherapy of Metastatic Breast Cancer Using Shared Chemotherapy-Induced Neopeptides	05/29/2018	99,999
Miao, Fei	NSF/National Science Foundation	CPS: Medium: Collaborative Research: Crowdsourced Surrogate Learning Towards Advanced Hand Skills for Autonomous Robots	05/09/2018	267,415

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Michel, Laurent D	NSF/National Science Foundation	FMitF: Collaborative Research: COVSDN: Continuously Optimizing and Verifying Software Defined Networks	05/08/2018	696,008
Nabavi, Sheida	DHHS/NIH/National Library of Medicine	Multimodal Deep Learning for Integrating Genomic/Clinical Data to Build Phenotypic Predictive Models in Ovarian and Breast Cancer	06/05/2018	966,000
Rajasekaran, Sanguthevar	DOE/Office of Science	Novel Computation Big Data Techniques for Chemical Systems	05/16/2018	
Rajasekaran, Sanguthevar	DOE/Office of Science	Novel Computational Big Data Techniques for Chemical Systems	06/18/2018	5,000,000
Rajasekaran, Sanguthevar	NSF/National Science Foundation	BIGDATA: F: Collaborative Research: Identifying Patterns in Ensembles of Network Data	05/14/2018	1,045,150
Sheehy, Donald	DOD/Air Force Research Laboratory	Homological Methods for Sensor Network Integrity	05/17/2018	207,124
Shin, Dong	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Skeletal Phenotyping of heterozygotes from IMPC Embryonic Lethal Lines	06/04/2018	793,106
Wang, Bing	NSF/National Science Foundation	Sch: INT: Collaborative Research: Personalized Depression Treatment Supported by Mobile Sensor Analytics	05/22/2018	687,858
<b>Connecticut Transportation Institute</b>			<b>9 Proposals</b>	<b>\$2,986,795</b>
Cohen, Jeffrey	DOT/Federal Highway Administration (FHA)/New England Transportation Consortium	A New Tool for Estimating the Value of NETC Transportation Research Projects	05/17/2018	50,000
Esmaili Zaghi, Arash	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Repair of Steel Beam/Girder Ends with Ultra High-Strength Concrete - Phase III	06/05/2018	486,362
Konduri, Karthik	DOT/Federal Highway Administration (FHA)	DREDGE: Disaggregate Artificial Realistic Data Generator Design, Development and Application for Crash Safety Analysis	04/19/2018	999,999
Mahoney, James M	CT Department of Transportation	Connecticut Cooperative Highway Research Program (Joint Highway Research Advisory Council Work Program FY 19)	04/04/2018	88,000
Mahoney, James M	DOT/Federal Motor Carrier Safety Administration (FMCSA)	Safety Compliance Training for New and Disadvantaged Business Enterprises	05/21/2018	96,064
Shea, Donna	CT Department of Transportation	Connecticut Transportation Technology Transfer Center	04/10/2018	91,352
Shea, Donna	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Connecticut Transportation Technology Transfer Center	04/10/2018	666,153
Wang, Kai	DOT/Federal Motor Carrier Safety Administration (FMCSA)	Updating Commercial Vehicle Crash Countermeasures with a Focus on Service Based Enforcement	05/21/2018	258,865
Zhao, Shanshan	NAS/Transportation Research Board	Examining the Implications of Legislation and Enforcement on Electronic Device Use While Driving	05/16/2018	250,000
<b>Electrical and Computer Engineering</b>			<b>2 Proposals</b>	<b>\$20,000</b>
Bazzi, Ali	DOE/Office of Energy Efficiency and Renewable Energy	Closed-Loop Down-Hole Hydraulic Hammer for Boring Geothermal Holes	05/31/2018	
Khan, Omer	NSF/National Science Foundation	NSF Student Travel Grant for the 2018 IEEE International Conference on Computer Design (ICCD)	05/23/2018	20,000
<b>Engineering Dean</b>			<b>2 Proposals</b>	<b>\$413,904</b>
Accorsi, Michael L	CTNext/Town of Groton, CT	Undersea Supply Chain Consortium Project	04/02/2018	97,500
Wei, Mei	Connecticut Innovations	Connecticut Global Entrepreneurship Network	04/18/2018	316,404
<b>Engineering Diversity Program</b>			<b>1 Proposals</b>	<b>\$62,709</b>
Burkey, Daniel D	University of Connecticut Health Center	Pre-College Enrichment Program	05/18/2018	62,709

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<b>Eversource Energy Center</b>			<b>3 Proposals</b>	<b>\$608,017</b>
Anagnostou, Emmanouil N	NASA/National Aeronautics and Space Administration	Use of Field Campaign Data to Evaluate and Improve Satellite QPE in Orographic Terrain	06/28/2018	398,260
Zhang, Peng	DOE/Brookhaven National Laboratory	Assess the Impact and Evaluate the Response to Cybersecurity Issues (AIERCI)	05/21/2018	59,757
Zhang, Peng	Eversource	Modeling, Analysis and Anomaly Detection for Cyber Secure Eversource Power Distribution Networks: Phase 1	04/09/2018	150,000
<b>Materials Science and Engineering</b>			<b>3 Proposals</b>	<b>\$1,575,000</b>
Dongare, Avinash	DOE/Department of Energy	Unraveling the Kinetics of Evolution of Microstructure During Laser Processing of Metallic Materials at the Mesoscales	04/04/2018	750,000
Gao, Puxian	DOE/Department of Energy	Additively integrated Catalysts for Flue Gas Conversion into Value-Added Projects	06/25/2018	800,000
Hebert, Rainer J	NASA/National Aeronautics and Space Administration	Development of Additive Manufacturing Feedstock for In-Space Applications	04/27/2018	25,000
<b>Mechanical Engineering</b>			<b>23 Proposals</b>	<b>\$3,994,948</b>
Chen, Xu	DOD/Air Force/Department of the Air Force	Fast Learning from Information-Rich Feedback with Collaborative Sensing and Sparsity-Aware Inference Primitives	06/01/2018	365,040
Chen, Xu	DOD/DARPA/Defense Advanced Research Projects Agency	Dynamic Information Fusion and Collaborative Controls for Agile Adaptive Autonomy of Multibody Control Systems	04/25/2018	
Chen, Xu	DOE/Department of Energy/HiFunda	Fabrication of Extreme Environment Materials for large Parts Using Additive Manufacturing Methods	04/30/2018	300,000
Chen, Xu	NSF/National Science Foundation	EAGER: Real-Time: Quality-Made Smart Additive Manufacturing with Dense-Data Decomposable Hybrid Modeling and Sensor Fusion	06/01/2018	260,739
Chen, Xu	NSF/National Science Foundation	FW-HTF Theme 2: Embodied Cognitive Assistants for Safe, Customization, and Sustainable Human-in-the-Loop Manufacturing	04/16/2018	
Chiu, Wilson K	Research Promotion Foundation/University of Cyprus	Development of a Sustainable Energy System Based on Photovoltaic and Fuel Cell Technologies	04/03/2018	30,000
Jia, Zhanzhan	Kern (Robert D and Patricia E) Family Foundation	E-learning Module for ME3227	04/20/2018	2,000
Li, Ying	AAC Technologies	Multiscale Modeling on Structure-Property Relationship for TPEE and Poly-acrylate Polymer	04/26/2018	100,908
Li, Ying	DOD/Air Force/Air Force Office of Scientific Research	Unraveling Yielding and Failure Mechanics of Polymer Nanocomposites Through Machine Learning-assisted Multiscale Modeling	06/01/2018	449,995
Li, Ying	DOE/Lawrence Livermore National Laboratory	Integrated Multiscale Modeling and Experimental Approach to Understand Viscoelasticity of Elastomers	05/30/2018	119,950
Li, Ying	NSF/National Science Foundation	Collaborative Research: Framework: Software: A Highly Adaptive and Scalable Software Framework for Multiphysics and Multiscale Fluid-Structure Interactions	04/18/2018	501,470
Li, Ying	NSF/National Science Foundation	Collaborative Research: Integration of Molecular Simulation, Analytical Theory, and Experiment to understand Nanocomposite Hydrogel Based Wastewater Treatment	06/08/2018	247,843
Matheou, Georgios	NASA/National Aeronautics and Space Administration/NASA/Jet Propulsion Laboratory	Strategic Advances in Air Quality Research and Technology Development	05/22/2018	60,000
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Biodegradable Piezoelectric Scaffold for Bone Regeneration	06/13/2018	442,251
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Transdermal Curcumin-Neopeptide Microneedles for Cancer Immunotherapy	06/15/2018	440,695

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	The molecular mechanism of the surface charge of piezoelectric materials for bone regeneration	06/05/2018	113,083
Nguyen, Thanh D	DOD/Department of Defense	Injectable Piezoelectric Hydrogel for Osteoarthritis Treatment	06/19/2018	309,625
Norato Escobar, Julian A	NASA/National Aeronautics and Space Administration/University of Hartford	Adaptive Inclusion of Discreet Geometric Components in Topology Optimization	04/17/2018	8,000
Pierce, David M	Unilever	UConn-Unilever 3-D skin wrinkle model	04/25/2018	34,384
Pierce, David M	Unilever	UConn-Unilever 3-D skin wrinkle model	04/25/2018	74,965
Sung, Chih-Jen	NSF/National Science Foundation/FGC Plasma Solutions	Plasma Assisted Combustion for Broadening Operability Characteristics of High-Shear Injectors	06/27/2018	127,000
Zhao, Xinyu	NASA/National Aeronautics and Space Administration/University of Hartford	Advanced Rotocraft Aeromechanics Research	05/10/2018	1,000
Zhao, Xinyu	NASA/National Aeronautics and Space Administration/University of Hartford	Advanced Rotocraft Aeromechanics Research	05/10/2018	6,000
<b>UTC Institute for Advanced Systems Engineering</b>			<b>6 Proposals</b>	<b>\$2,833,691</b>
Bollas, Georgios	American Institute of Chemical Engineers	Model-Based Systems Engineering for PI-MCPI	05/22/2018	406,870
Dutta, Abhishek	DOD/DARPA/Defense Advanced Research Projects Agency/United Technologies-Research Center	Gray Zone Adversary Tactics Discoverer	05/24/2018	225,000
Stuber, Matthew D	DHHS/NIH/National Institutes of Health	Enhancing Immune Therapy for Solid Tumors with mechanistic Modeling and Rigorous Global Optimization-Based Validation Algorithms	06/12/2018	402,500
Stuber, Matthew D	DOE/Department of Energy	Design Under Uncertainty with Global Optimization of Large Sparse Systems	04/02/2018	750,000
Thompson, Amy	United Illuminating Company	Whole Building Energy Analysis and Benchmarking	05/31/2018	49,322
Zinn, Steven A	NSF/National Science Foundation	CPS: TTP Option: Medium: Predictive Analytics and Optimal Control for Precision Dairying via Robotic Milking Systems	05/09/2018	999,999
<b>School of Fine Arts</b>			<b>2 Proposals</b>	<b>\$528,288</b>
<b>School of Fine Arts</b>			<b>2 Proposals</b>	<b>\$528,288</b>
Scheinfeldt, Joseph T	Institute of Museum and Library Services	Greenhouse Studios/UConn Library "building Digital Scholarship" Post-MLIS Fellowship Program	06/08/2018	502,456
Thompson, Kenneth	NEH/National Endowment for the Humanities	Courtroom 600: An Educational Virtual Reality Encounter with the History and Legacies of the Nuremberg Trials	06/06/2018	25,832
<b>School of Nursing</b>			<b>14 Proposals</b>	<b>\$9,521,645</b>
<b>School of Nursing</b>			<b>14 Proposals</b>	<b>\$9,521,645</b>
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Novel Injectable Analgesic Delivery System for Musculoskeletal Pain Management	05/17/2018	154,059
Cong, Xiaomei	American Nurses Foundation	Biomarkers of Emotional Distress in IBS Patients	05/01/2018	5,000
Fontes, Alan	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of Health Strategy	CDAS Solution Architecture	04/12/2018	7,742,404
Kim, Kyoungghae	DHHS/NIH/National Institutes of Health	Intervention to Promote Providers' Communication about HPV Vaccination with Young Sexual and Gender Minorities	06/25/2018	483,000
Kim, Kyoungghae	Harvard Pilgrim Health Care/Community Health Center Association of Connecticut	Building an Integrated Approach to Pain Management and Opioid Addiction in Federally Qualified Health Centers through Project Echo	05/11/2018	10,385

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Kim, Kyoungahae	Sigma Theta Tau International (STTI)	Communication in Palliative Care: Simulations and Advance Care Planning Conversations	06/28/2018	5,000
Lucas, Ruth F	American Nurses Foundation	Antenatal Cannabis Use: Implications for Symptom Management and Risk-Taking	05/01/2018	15,000
Polifroni, Elizabeth C	Aetna Foundation	Cultivating Intergenerational Solutions: A Safe Walkable Community (CIS)	04/04/2018	
Shellman, Juliette M	American Nurses Foundation	Cost-Analysis and Stakeholder Perspectives of a Nurse-Led Interprofessional Intervention for Community-Dwelling Older Adults: A Mixed Methods Study	05/01/2018	5,000
Starkweather, Angela	American Association of Colleges of Nursing	AACN Minority Nurse Faculty Scholars Program - Perry	05/15/2018	4,969
Starkweather, Angela	DHHS/NIH/National Institute of Child Health and Human Development/Virginia Commonwealth University	Mindful Self-Management of Back Pain in Pregnancy to Prevent Chronic Pain	05/17/2018	820,505
Starkweather, Angela	DHHS/NIH/National Institutes of Health/University of Maryland	Physiological, psychological, and genomic factors that predict the transition from acute to chronic pain in patients with traumatic lower extremity fracture	04/04/2018	74,323
Starkweather, Angela	International Society of Nurses in Genetics (ISONG)	Assessing the Management of Pediatric Postsurgical Pain (AMP3) with Genetics	06/15/2018	2,000
Young, Erin	Rainin (Kenneth) Foundation	Identifying Novel contributions f Colonic Gene Expression and Intestinal Microbiome to Pain Burden and Pain Chronicity in Pediatric Ulcerative Colitis Patients	05/24/2018	200,000
<b>School of Pharmacy</b>			<b>30 Proposals</b>	<b>\$18,540,665</b>
<b>Pharmaceutical Sciences</b>			<b>25 Proposals</b>	<b>\$18,272,017</b>
Bahal, Raman	American Diabetes Association/University of Iowa	Beta-cells miR-204 is remotely governed by gut-microbiota and promotes diabetes	04/06/2018	35,989
Bahal, Raman	DHHS/NIH/National Cancer Institute	Next Generation Targeted Delivery of AntimiR Probes for Cancer Therapy	06/19/2018	442,750
Bahal, Raman	DHHS/NIH/National Cancer Institute	PQ4: Targeting multiple oncomiRs for cancer therapy	06/29/2018	2,012,500
Bahal, Raman	DHHS/NIH/National Institutes of Health	Developing next generation nucleic acid analogues as a novel gene editing tool	04/03/2018	1,949,384
Bahal, Raman	DHHS/NIH/National Institutes of Health	Developing next generation synthetic nucleic acid analogous for sickle cell disease gene editing	06/05/2018	2,000,300
Bahal, Raman	DHHS/NIH/National Institutes of Health	Site specific gene editing of IDUA mutations as a novel Mucopolysaccharidosis gene therapy	06/05/2018	2,000,300
Bahal, Raman	DHHS/NIH/National Institutes of Health/Yale University	Genetic correction of homozygous familial hypercholesterolemia (FH) using triplex-forming peptide nucleic acid	04/06/2018	220,438
Bahal, Raman	Pardee (Elsa U.) Foundation	Developing a Novel System for Melanoma Therapy: Tumor-Targeted Inhibition on Oncogenic MicroRNA	04/27/2018	108,000
Bahal, Raman	Pediatric Cancer Research Foundation	Developing a Novel System for Pediatric Cancer Therapy: Tumor-Targeted Inhibition of Oncogenic MicroRNAs	05/01/2018	750,000
Balunas, Marcy J	DHHS/NIH/National Institute of General Medical Sciences/University of Michigan	Defining the OMU, an Operational Metabolomic Unit for use with Microbiome Analyses	05/15/2018	906,891
Bogner, Robin H	DHHS/FDA/Food and Drug Administration/Physical Sciences	Novel Analytical Tool to Assess Freeze Drying Heterogeneity	06/28/2018	269,355
Bogner, Robin H	Physical Sciences	Quality by Design Process Development Tools for Freeze Drying Co-solvent Pharmaceutical Formulations	04/04/2018	40,000
Burgess, Diane J	DHHS/FDA/Food and Drug Administration/Qrono	Computational Drug Delivery: Leveraging Predictive Models to Develop Bioequivalent Generic Long-Acting Injections	05/15/2018	137,191

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Burgess, Diane J	Helmsley (Leona M. and Harry B.) Charitable Trust/Biorasis	Early Feasibility Studies of Biorasis' Glucowizzard in Human Subjects	06/29/2018	410,000
Chaudhuri, Bodhisattwa	Takeda Pharmaceuticals	CFD-DEM Coupled Multicomponent, Multiphase Flow Modeling	05/18/2018	196,326
Hadden, Matthew K	DHHS/NIH/National Cancer Institute	Small Molecule Inhibitors of SWI/SNF ATPase Activity	06/26/2018	161,000
Hadden, Matthew K	DHHS/NIH/National Cancer Institute	Structure-Based Rational Design of Epigenetic Modulators Targeting Histone 3	06/29/2018	161,000
Hadden, Matthew K	DHHS/NIH/National Institutes of Health	Studies Towards the Identification of Small Molecule Modulators of SWI/SNF Chromatin Remodeling	04/04/2018	140,355
Lu, Xiuling	DHHS/FDA/Food and Drug Administration	In Vitro and In Vivo Assessment of Ophthalmic Ointments for Generic Product Equivalence	06/28/2018	1,141,038
Manautou, Jose E	DHHS/NIH/National Institutes of Health	Drug Transporters in the Pathogenesis of Non-Alcoholic Fatty Liver Disease during Liver Regeneration Processes	04/05/2018	2,008,750
Rasmussen, Theodore	March of Dimes/Baylor University	Epigenetic Aberrations in the Diagnosis and Pathogenesis of Diabetic Embryopathy	06/13/2018	25,000
Sartor, Gregory	DHHS/NIH/National Institute on Drug Abuse	Neuronal Subtype and Circuit-Specific Epigenetic Mechanisms in Addiction	06/13/2018	747,000
Wiemer, Andrew	DHHS/NIH/National Institutes of Health	Development of Immunotherapeutics Targeting BTN2	06/07/2018	418,350
Wiemer, Andrew	DHHS/NIH/National Institutes of Health	Targeting the GGDPS: Notch Axis in Leukemia/Lymphoma	05/29/2018	1,988,100
Wright, Dennis	Yale University/University of Connecticut Health Center	Obtain Co-Crystal Structures of Inhibitors with one or more of Alkaline Nucleases	04/16/2018	2,000
<b>Pharmacy Practice</b>			<b>5 Proposals</b>	<b>\$268,648</b>
Gernant, Stephanie A	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/ProHealth Physicians	Improving Chronic Disease Management with Pieces (ICD-Pieces)	05/24/2018	36,438
Gernant, Stephanie A	University of Connecticut Health Center	Improving MTM delivery through community pharmacy workflow re-design	04/05/2018	58,247
Giroto, Jennifer E	Patient-Centered Outcomes Research Institute (PCORI)/Connecticut Children's Medical Center	EVAL-PM - Evaluation of Vancomycin Levels in Pediatric MRSA Bacteremia	05/02/2018	142,022
Jeffery, Sean M	Main Street Community Foundation/Hartford Healthcare	Senior Care Continuum Expansion	04/05/2018	20,000
Smith, Marie A	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of Health Strategy	CT SIM Project Management Office -- Primary Care Modernization Initiative	05/15/2018	11,941
<b>School of Social Work</b>			<b>14 Proposals</b>	<b>\$6,402,095</b>
<b>School of Social Work</b>			<b>14 Proposals</b>	<b>\$6,402,095</b>
Fendrich, Michael	CT Department of Children and Families/Child Health and Development Institute of Connecticut	Impact of Mobile Crisis Services on Rates of Emergency Department Utilization Among Children	06/07/2018	3,000
Fendrich, Michael	CT Department of Children and Families/Child Health and Development Institute of Connecticut	Impact of Mobile Crisis Services on Rates of Emergency Department Utilization Among Children	06/07/2018	3,000
Fendrich, Michael	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	MAT Expansion to the Connecticut DOC	06/27/2018	315,000
Lin, Hsiu-Ju	DHHS/NIH/National Institutes of Health/RTI International	Addiction Provider Quality Measures Validation	06/06/2018	121,692
Lin, Hsiu-Ju	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	DIG Program Evaluation and Analysis	04/16/2018	153,551

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Lloyd, Margaret H	DHHS/CDC/Centers for Disease Control and Prevention/Research Institute at Nationwide Children's Hospital	Distribution of Naloxone through Traditional and Family Drug Courts	05/07/2018	17,736
Lloyd, Margaret H	DOJ/Office of Juvenile Justice and Delinquency Prevention/Oklahoma Department of Mental Health and Substance Abuse Services	Oklahoma Multi-Site Family Drug Court Model Standards (OKMMS) Study	06/06/2018	562,074
Okpych, Nathanael J	Reissa Foundation/University of Chicago	The California Youth Transition to Adulthood (CALYOUTH) Study #2	06/06/2018	21,297
Parr, Kathryn E	CT Department of Children and Families/University of Connecticut Health Center	RSVP FY19	06/27/2018	24,332
Parr, Kathryn E	CT Office of Early Childhood	Office of Early Childhood Project	06/25/2018	3,943,624
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	CT ACT for Recovery - Data Component	05/25/2018	685,601
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	CT ACT for Recovery - Infrastructure Component	05/25/2018	479,072
Valdovinos, Miriam G	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Houston	Addressing Barriers and Promoters of Health Services Utilization Among Latinos in Houston Study	06/27/2018	64,631
Wilson, Cristina	National Collegiate Athletic Association	Breaking the Silence on Reporting Sexual Assault: Exploring Areas for Prevention and Intervention with Student-Athletes	05/01/2018	7,485
<b>Academic and Service Programs</b>			<b>3 Proposals</b>	<b>\$156,188</b>
<b>Provost &amp; Exec VP Academic Affairs</b>			<b>1 Proposals</b>	<b>\$4,500</b>
Polifroni, Elizabeth C	Campus Compact	Service Learning at the Intersection of Environmental Stewardship at UConn	04/30/2018	4,500
<b>Student Activities</b>			<b>1 Proposals</b>	<b>\$145,688</b>
DeVivo Brassaw, Gina	Jumpstart	Jumpstart Program at the University of Connecticut	06/08/2018	145,688
<b>Waterbury Campus</b>			<b>1 Proposals</b>	<b>\$6,000</b>
DeMerell, Fiona	Connecticut Community Foundation	The Greening of Waterbury	04/12/2018	6,000
<b>Vice President for Research</b>			<b>48 Proposals</b>	<b>\$21,956,571</b>
<b>Center for Environmental Sciences and Engineering</b>			<b>1 Proposals</b>	<b>\$99,999</b>
Perkins, Christopher R	National Fish and Wildlife Foundation	Microplastics in Multi-Use Estuaries: Development of a Source - Receptor Monitoring Strategy	05/10/2018	99,999
<b>Institute for Collaboration on Health, Intervention and Policy</b>			<b>19 Proposals</b>	<b>\$9,410,494</b>
Andreyeva, Tatiana	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Improving Nutrition Standards in Early Childhood Education Settings	05/11/2018	65,000
Andreyeva, Tatiana	USDA/Food and Nutrition Service/CT Department of Education	Supporting Child and Adult Care Food Program (CACFP) Sponsors in Connecticut	04/23/2018	21,086
Butler, Lisa M	Gates (Bill and Melinda) Foundation	Optimizing mother & child health and development in Botswana	04/27/2018	100,000
DiStefano, Lindsay	DHHS/NIH/National Institutes of Health	Sport Training to Reduce Injuries and Develop Excellence (STRIDE): Disseminating Injury Prevention Strategies to Keep Children Active for Life	06/05/2018	3,817,076
Duffy, Valerie B	American Institute for Cancer Research/University of Connecticut Health Center	Ellagic acid, urolithins and microbial communities associated with colonic neoplasia	05/08/2018	25,106

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Gans-DeLuca, Kim M	DHHS/NIH/National Institutes of Health/Brown University	An Innovative Navegante-delivered Intervention to Prevent and Treat Metabolic Syndrome among Northeastern Hispanic Adults	05/18/2018	388,779
Ghosh, Debarchana	Aetna Foundation	"Do More than Just Say No" for Addiction and Violence	05/02/2018	
Hernandez, Dominica B	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Intervention to Reduce Alcohol Complications of Comorbid HIV and Cardiometabolic Disease	05/07/2018	723,000
Himmelstein, Mary S	American Psychological Foundation	Weight Stigma as a Barrier to Behavioral Weight Loss	06/27/2018	20,000
Nemec, Rebecca	Wholesome Wave	Wholesome Rx Cost-Benefit Analysis	05/31/2018	10,079
Pagoto, Sherry	Boston University	Facebook to Motivate Cessation among Smokers with Mobility Impairments	05/14/2018	380,716
Pagoto, Sherry	DHHS/NIH/National Institutes of Health/University of Massachusetts Medical School	Optimizing Psychiatric Treatment in MAternal Mental Health (OPTIMA) Center	04/25/2018	429,117
Park, Crystal	DHHS/NIH/National Center for Complementary and Integrative Health/University of Minnesota	Feasibility of Mantram Repetition for People managing Chronic Pain and Cognitive Impairment	05/23/2018	66,901
Park, Crystal	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Emotion Regulation Interventions for Preventing Collegiate Escalations in Drinking: A Randomized Controlled Trial to Establish Acceptability, Feasibility and Preliminary Efficacy	04/12/2018	722,250
Park, Crystal	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	RCT of Yoga to Improve Quality of Life and Fatigue in Pediatric Cancer Patients in Active Treatment	05/23/2018	954,925
Puhl, Rebecca M	American Diabetes Association	The sham in shame: weight stigma hinders prevention and treatment in Type-2 diabetes	04/16/2018	117,360
Puhl, Rebecca M	American Diabetes Association	The sham in shame: weight stigma hinders prevention and treatment in Type-2 diabetes	04/10/2018	521,764
Taylor, Beth M	Amgen/Hartford Hospital	Relationships Between Serum PCSK9 Levels and Neurocognition in Healthy Adults	05/08/2018	65,762
Watson, Ryan J	DHHS/NIH/National Institutes of Health	PrEP and Substance Use Among Sexual Minority Young Adults	05/07/2018	981,573
<b>Institute of Materials Science</b>			<b>16 Proposals</b>	<b>\$9,642,854</b>
Alpay, Pamir	United Technologies-Aerospace Systems	UTAS Center for Excellence	04/16/2018	150,000
Burke, Kelly A	DHHS/NIH/National Institutes of Health/Bio maize Materials	Development of Shape Memory Materials for Wound Protection Sleeves	04/05/2018	120,000
Burke, Kelly A	DOE/Department of Energy	Assembly of 3D Graphene Structures using Main-Chain Liquid Crystalline Block Copolymers	04/04/2018	750,000
Cao, Yang	Komatsu	Research on Electrical Insulation of Mechanism of Composite Molding Material for Rotating Machines	04/19/2018	50,000
Gao, Puxian	DOE/Department of Energy/Connecticut Center for Advanced Technology	Fabrication of Freeform Graded Structure Solid Oxide Fuel Cell Stack Using the Directed Energy Deposition	04/30/2018	125,000
Gao, Puxian	DOE/Department of Energy/Skyre	Electrolyzer Integrated Modular Nano-Array Monolithic Catalytic Reactors for Low Pressure/Temperature and High Flux Synthetic Fuel Production	06/08/2018	700,000
Gao, Puxian	DOE/Department of Energy/University of Tennessee	Developing novel electrodes with ultralow catalyst loading for high-efficiency hydrogen production in proton exchange membrane electrolyzer cells	06/07/2018	200,000
Kasi, Rajeswari	DOE/Office of Energy Efficiency and Renewable Energy/Brown University	Next-Generation Perovskite Solar Cells and Modules with Engineered Grain Boundaries and Interfaces	06/14/2018	240,000
Nakhmanson, Serge M	DOE/Department of Energy/University of Wisconsin, Madison	Ultrafast Mesoscopic Dynamics of Functional Materials: New Methods, Materials, and Interfaces	05/21/2018	307,553



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Nieh, Mu-Ping	Phospholipid Research Center	Lipid-Based Nanocarrier for Efficacious Theranostics - One-Pot Manufacturing	05/29/2018	212,540
Shahbazmohamadi, Sina	NSF/National Science Foundation	Framework:Software:HDR: Internet of instruments: democratizing Microscopy	04/18/2018	4,660,623
Sotzing, Gregory A	Gentex	Development of Electrochromic Eyewear	05/21/2018	185,504
Suib, Steven L	DHHS/NIH/National Institutes of Health/Rowan University	Engineering 3D Printed Bioelectronics as Smart Self-Oxygenating Tissue Scaffold	06/04/2018	289,373
Suib, Steven L	DOE/Office of Energy Efficiency and Renewable Energy/Skyre	Low-Cost Integrated Porous Transport Layers for High-Pressure Water Electrolyzers and Electrochemical Hydrogen Compressors	06/08/2018	500,000
Suib, Steven L	United Technologies-Aerospace Systems	UTAS Center of Excellence High Temperature Composites	04/13/2018	150,000
Wei, Mei	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Regeneration of the Osteochondral Tissue of the Mandibular Condylar Cartilage via Novel Multi-Zonal Scaffold and Growth Factors	04/10/2018	1,002,261
<b>Sea Grant College Program</b>			<b>10 Proposals</b>	<b>\$1,603,280</b>
Barrett, Juliana	National Fish and Wildlife Foundation/Lynde Point Land Trust	Fenwick Resilience Project	05/04/2018	15,536
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2019 - Chang	04/06/2018	61,500
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2019 - Li	04/06/2018	61,500
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2019 - Reville	04/06/2018	61,500
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2019-Creedon	04/06/2018	61,500
Deguisse, Sylvain	EPA/Environmental Protection Agency	Research to Accomplish the Long Island Sound Study's Goals (FY 2018 CTSG share)	06/01/2018	650,000
Ebbin, Syma A	DOC/NOAA/National Oceanic and Atmospheric Administration/Project Oceanology	Rising Waters: The Thames River Resilience Project	04/06/2018	37,429
Getchis, Tessa L	USDA/Natural Resources Conservation Service	Conservation, Management and Restoration Priorities and Practices for Connecticut Shellfish	06/01/2018	74,916
Payne, Diana L	DOC/NOAA/National Oceanic and Atmospheric Administration	Ready, Responsive, Resilience (R3)	04/06/2018	499,999
Pomeroy, Robert S	Rare	Creating value for small scale fishers	06/07/2018	79,400
<b>Technology Partnerships</b>			<b>1 Proposals</b>	<b>\$200,000</b>
Analoui, Mostafa	Connecticut Innovations	High Value Talents & Mentors (HVTM)	04/20/2018	200,000
<b>Vice President for Research</b>			<b>1 Proposals</b>	<b>\$999,944</b>
O'Connell, Christopher B	DHHS/NIH/National Institutes of Health	3D STED Super Resolution Microscope	05/25/2018	999,944
<b>University of Connecticut - Storrs &amp; Regional</b>			<b>365 Proposals</b>	<b>\$162,562,777</b>
<b>School of Dental Medicine</b>			<b>15 Proposals</b>	<b>\$19,745,546</b>
<b>Dental Medicine Dean</b>			<b>7 Proposals</b>	<b>\$6,700,519</b>
Aseltine, Robert H	DHHS/NIH/National Institute of Mental Health	Improving the Identification of Patients at Risk of Suicide	05/15/2018	607,723
Aseltine, Robert H	DHHS/NIH/National Institutes of Health	Examining the Role of Mortality in Masking Racial Disparities in Hospitalizations for Heart Failure	04/11/2018	454,567

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Deymier, Alix C	DOD/Department of Defense	Exploration of the Role of Disuse-Induced Acidosis on Reinjury Risk in Musculoskeletal Tissues	06/21/2018	314,240
Gupta, Kshitiz	DHHS/NIH/National Institutes of Health	Developing a Method to Isolate and Characterize Cancer Displaying Oscillations in Hypoxia Response.	06/28/2018	135,700
Litt, Mark D	DHHS/NIH/National Institute of Dental and Craniofacial Research	Individualized Assessment and Treatment Program for TMD:Coping as Mechanism	06/01/2018	3,778,499
Reisine, Susan T	DHHS/NIH/National Institutes of Health	Good Oral Health: a Bi-level intervention to improve Older Adult Oral Health	05/29/2018	822,723
Wagner, Julie A	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Lifestyle & Medication Management to Lower Diabetes Risk in Severe Mental Illness	04/16/2018	587,067
<b>Oral Health and Diagnostic Sciences</b>			<b>4 Proposals</b>	<b>\$4,508,940</b>
Chen, I-Ping	DHHS/NIH/National Institute of Dental and Craniofacial Research	Pathogenic Mechanisms of Craniometaphyseal Dysplasia	05/14/2018	398,750
Chen, I-Ping	DHHS/NIH/National Institutes of Health	Disease Activation Mechanism for Cherubism	06/18/2018	438,625
Dongari-Bagtzoglou, Anna I	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Genomic Center for Infectious Diseases	06/07/2018	3,546,565
Nichols, Frank C	DHHS/NIH/National Institutes of Health/Nova Southeastern University	Role of periodontal bacteria-derived dihydroceramides of tau, and acceleration of phenotypes in mouse models of Alzheimer'disease	04/16/2018	125,000
<b>Reconstructive Sciences</b>			<b>4 Proposals</b>	<b>\$8,536,087</b>
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	NPY, bone and bone reappear	06/04/2018	1,993,750
Maye, Peter F	DHHS/NIH/National Institutes of Health	Axio Scan.Z1	05/30/2018	319,305
Rowe, David W	DHHS/NIH/National Institutes of Health	Skeletal Phenotyping of Embryonic Lethal KOMP Lines	06/19/2018	3,509,974
Yadav, Sumit	DHHS/NIH/National Institutes of Health	Regeneration of Osteochondral Tissue of the Mandibular Condylar Cartilage Using Novel Multi-Zonal Scaffold and Small Molecule Proteins.	04/10/2018	2,713,058
<b>School of Medicine</b>			<b>125 Proposals</b>	<b>\$82,397,154</b>
<b>Academic Affairs and Education</b>			<b>3 Proposals</b>	<b>\$219,381</b>
Henderson, David D	American Medical Association Foundation	The Social Determinants of Academic Success - A New Assessment Process to Foster Inclusion in the Learning Environment and Student Wellness.	05/14/2018	29,493
Qendro, Veneta	DHHS/NIH/National Institute of Dental and Craniofacial Research	Blocked CD13 in Combination with the Toll-Like Receptor Agonist, MPLA, can increase the efficacy of Cancer Vaccine Adjuvants	04/09/2018	140,512
Zambrello, Matthew A	DHHS/NIH/National Institute of Dental and Craniofacial Research	Novel Computational Techniques to Expand the Scope of Protein Nuclear Magnetic Resonance Spectroscopy	04/30/2018	49,376
<b>Calhoun Cardiology Center - CCC</b>			<b>8 Proposals</b>	<b>\$1,397,229</b>
Hinson, John T	DHHS/NIH/National Heart, Lung, and Blood Institute/Jackson Laboratory	Identification and Functional Characterization of Structural Variants in Cardiovascular Disease	06/26/2018	59,277
Hinson, John T	DOD/Department of Defense/Jackson Laboratory	Identification of the Genetic Architecture of Cardiomyocyte Regeneration Using CRISPR Screens	06/27/2018	50,255
Hinson, John T	Hughes (Howard) Medical Institute	Assessing Pathogenicity of Beta-Myosin Heavy Chain Gene Variants Using Human Stem Cell-Based Assays	04/17/2018	38,000
Petry, Nancy M	American Psychological Association	Dr. Petry will be editor of "Psychology of Addictive Behaviors"	04/02/2018	3,600
Petry, Nancy M	American Psychological Association	Dr. Petry will be editor of "Psychology of Addictive Behaviors"	04/02/2018	3,600

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Interventions for Unemployed Hazardous Drinkers	05/14/2018	610,379
Petry, Nancy M	DHHS/NIH/National Institutes of Health/Yale University	Psychotherapy Development Research Center	05/29/2018	377,151
Rash, Carla J	DHHS/SAMHSA/Center for Mental Health Services/Community Renewal Team	CRT Medication Assisted Treatment Program	06/28/2018	254,967
<b>Cell Analysis Modeling - CCAM</b>			<b>2 Proposals</b>	<b>\$3,520,337</b>
Blinov, Mikhail	DHHS/NIH/National Institutes of Health	Enabling Analysis of Parameter and Model Uncertainty in Systems Biology	06/05/2018	1,588,733
Blinov, Mikhail	DHHS/NIH/National Institutes of Health	New Tools to Simulate the Biophysics of Multi-molecular Clusters	06/19/2018	1,931,604
<b>Cell Biology</b>			<b>4 Proposals</b>	<b>\$2,744,146</b>
Egbert, Jeremy R	DHHS/NIH/National Institutes of Health	Gonadotropin-induced calcium signaling in ovarian follicles	06/18/2018	159,500
Peluso, John J	DHHS/NIH/National Institutes of Health	Luteal cell expression of Progesterone Receptor Membrane Component-1 and 2 prevents the premature demise	06/04/2018	2,410,819
Peluso, John J	DHHS/NIH/National Institutes of Health	Melabolic Changes in the Trophectoderm Induce the Selective Elimination of Aneuploid Cells Within the Inner Cell Mass of Preimplantation Embryos by Inducing Apoptosis Through a p53-dependent Mechanism	06/13/2018	159,500
Peluso, John J	DHHS/NIH/National Institutes of Health/University of Connecticut	Genetic Interrogation of Conserved Follicular Factors for Matrix Metalloproteinase Regulation & Ovulation	04/03/2018	14,327
<b>Center for Quantitative Medicine</b>			<b>6 Proposals</b>	<b>\$651,272</b>
Laubenbacher, Reinhard C	DHHS/NIH/National Institute of General Medical Sciences	Control of Heterogeneous Microbial Communities Using Model-Based Multi-Objective Optimization	05/31/2018	110,182
Laubenbacher, Reinhard C	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Genomic Center for Infectious Diseases	06/07/2018	234,830
Laubenbacher, Reinhard C	DHHS/NIH/National Institutes of Health/Worcester Polytechnic Institute	Copper Homeostasis in the Opportunistic Pathogen Pseudomonas Aeruginosa	06/27/2018	90,000
Laubenbacher, Reinhard C	Mayday Fund/UCConn Foundation	Connecticut Pain Consortium	06/29/2018	55,000
Young, Erin	DHHS/NIH/National Institutes of Health/University of Connecticut	Center for Accelerating Precision Pain Self-Management	06/26/2018	39,048
Young, Erin	Rainin (Kenneth) Foundation/University of Connecticut	Identifying novel contributions of colonic gene expression and intestinal microbiome to pain burden and pain chronicity in pediatric Ulcerative Colitis patients	05/23/2018	122,212
<b>Center for Vascular Biology</b>			<b>4 Proposals</b>	<b>\$1,094,916</b>
Caromile, Leslie A	DHHS/NIH/National Cancer Institute	PSMAs Role in Signal Transduction Pathway Switching in Prostate Cancer	06/14/2018	100,396
Fong, Guo-Hua	DHHS/NIH/National Eye Institute	Regulation of Retinal Angiogenesis and Vascular Integrity by the Oxygen Sensing Mechanism	06/12/2018	487,107
Murphy, Patrick A	DHHS/NIH/National Institutes of Health	Investigation of Alternative Splicing in Response to Low and Disturbed Flow-Supplement	06/08/2018	244,865
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Endocytic Regulations if Inflammation	06/08/2018	262,548
<b>Clinical And Translational Science Institute (CTSI)</b>			<b>3 Proposals</b>	<b>\$595,067</b>
Grady, James J	DHHS/NIH/National Cancer Institute/Connecticut Children's Medical Center	Integrated Basic and Translational Approaches to Identify Early Biomarkers and Pathogenesis of Anthracycline Cardiotoxicity	06/18/2018	87,447
Lo, Wai Hong	DHHS/NIH/National Institutes of Health	The molecular mechanism of the surface charge of piezoelectric materials for bone regenerative engineering	06/11/2018	454,554

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Lo, Wai Hong	DHHS/NIH/National Institutes of Health/University of Connecticut	Biodegradable piezoelectric scaffold for bone regeneration	06/11/2018	53,066
<b>Community Medicine and Health Care</b>			<b>6 Proposals</b>	<b>\$2,487,825</b>
Gelbar, Nicholas	DHHS/ACL/Administration for Community Living/CT Council on Developmental Disabilities	University of Connecticut, University Center for Excellence in Developmental Disabilities and Connecticut Council on Developmental Disabilities MOU	05/11/2018	37,488
Ha, Toan H	DHHS/NIH/National Institute of Mental Health	HIV risk among young women workers in the industrial zone in Vietnam	05/07/2018	390,120
McRee, Bonnie G	DHHS/CDC/Centers for Disease Control and Prevention	Alcohol Screening in Planned Parenthood to Increase Resiliency (ASPIRE)	05/16/2018	1,585,802
Schensul, Stephen L	DHHS/NIH/National Institutes of Health	Alcohol and ART Adherence: Assessment, Intervention and Modeling in India	05/22/2018	54,952
Stevens, Richard G	DHHS/NIH/National Institutes of Health/Yale University	Study of Health Impact of Fluctuation-work Time (SHIFT): A Prospective Omic-based Investigation of Circadian Disruption	05/23/2018	181,060
Ungemack, Jane A	CT Department of Children and Families/Social Finance	CT DCF Social Impact Bonding (SIB)	04/23/2018	238,403
<b>Genetics and Developmental Biology</b>			<b>11 Proposals</b>	<b>\$11,359,947</b>
Ahmed, Zeeshan	NSF/National Science Foundation	SCH: INT: PRECISE-MED: Precise & Reproducible Electronic Clinical-Data Management and Integrative System for Precision Medicine	05/21/2018	900,000
Cotney, Justin L	DHHS/NIH/National Institute of General Medical Sciences	Unraveling mechanisms of genome regulation to understand and improve human health	04/13/2018	398,750
Cotney, Justin L	DHHS/NIH/National Institutes of Health	Integrated Multi-Omics Analyses of Early Mammalian Craniofacial Development	06/15/2018	319,000
Graveley, Brenton R	DHHS/NIH/National Institute of General Medical Sciences	Complex RNA Processing	05/31/2018	249,975
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	The UConn/JAX-GM Training Program in Genomic Science	05/25/2018	3,757,701
Lee, Se-Jin	American Diabetes Association/Jackson Laboratory	Role of transforming growth factor-B-related signaling molecules and their binding proteins in regulating glucose homeostasis	06/26/2018	1,298,736
Lee, Se-Jin	DHHS/NIH/National Institute on Aging	TGF-BETA Family Members and Their Binding Proteins in Aging Skeletal Muscle	04/13/2018	468,857
Li, Yuanhao	DHHS/NIH/National Institutes of Health	Roles of Foxp1 and Foxp2 in the generation of Purkinje neurons	04/16/2018	438,625
Mayer, Bruce J	DHHS/NIH/National Institutes of Health	Integrating computational modeling and tyrosine phosphoproteomics in cancer	06/22/2018	3,115,238
Pinter, Stefan F	DHHS/NIH/National Institute of General Medical Sciences	Mechanisms of escaping X chromosome inactivation and translation to X-linked disease	06/15/2018	394,472
Tucker, Joseph W	CT Department of Public Health/Connecticut Children's Specialty Group	Diagnostic Treatment and Services for Connecticut Newborn Screening	06/26/2018	18,593
<b>Health Career Opportunity Programs</b>			<b>1 Proposals</b>	<b>\$3,188,230</b>
Hurley, Marja	DHHS/Department of Health and Human Services	Health Professions Partnership Initiative	05/25/2018	3,188,230
<b>Health Disparities Institute</b>			<b>2 Proposals</b>	<b>\$209,277</b>
Powell, Wizdom A	DHHS/NIH/National Institute on Drug Abuse	Neighborhoods, Daily Stress, Affect Regulation & Black Male Substance Use	05/14/2018	189,302
Powell, Wizdom A	Johnson (Robert Wood) Foundation	Culture of Health Leaders Program 2018	06/28/2018	19,975
<b>Immunology</b>			<b>4 Proposals</b>	<b>\$898,625</b>
Cauley, Linda S	DHHS/NIH/National Institute of Allergy and Infectious Diseases	The Role of APC's During Formation and Maintenance of Pulmonary TRM Cells	05/24/2018	438,625
Wang, Kepeng	Alzheimer's Association	The Role of Interleukin-17 in Alzheimer's Disease	04/13/2018	100,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Wang, Kepeng	CaroGen	Modulating Cancer-Associated Immunity By Virus-Like Vesicles/Development of a Multi-Targeted Immunotherapy for Colon Cancer	04/20/2018	15,000
Zhou, Beiyang	American Diabetes Association	microRNA Regulation of ATB in Obesity	04/16/2018	345,000
<b>Medicine</b>			<b>9 Proposals</b>	<b>\$14,837,136</b>
Kim, In Soo	Honda R&D Americas	Pilot Study on In-Vehicle Controls Using Brain Computer Interface Technology. Phase 2	04/24/2018	49,996
Oncken, Cheryl	DHHS/NIH/National Cancer Institute	Electronic Cigarette Use During Pregnancy	04/13/2018	681,940
Pilbeam, Carol	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Cox 2 Regulation of Bone Responses to PTH: Role of Osteoclasts	05/14/2018	347,628
Radolf, Justin D	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Sexually Transmitted Infections (STI) Cooperative Research Centers (CRC) Vaccine Development	06/20/2018	11,389,191
Zajac, Kristyn	DHHS/NIH/National Institutes of Health	Treating Co-Occurring PTSD and Substance Abuse in High-Risk Transition Youth	06/06/2018	241,076
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health	Effect of Intermittent Fasting Induced Gut Micro biome Alteration in Mouse Model of Alzheimer's Disease	06/08/2018	395,007
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health	Intermittent Fasting-Induced Gut Micro biome Modulation of CNS Autoimmunity	06/07/2018	1,638,286
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health/Washington University, St. Louis	Azithromycin To Prevent Recurrent Wheezing Following Severe RSV Bronchiolitis	04/30/2018	79,312
Zhou, Yanjiao	University of Nebraska	Bioinformatics	05/30/2018	14,700
<b>Molecular Biology &amp; Biophysics</b>			<b>5 Proposals</b>	<b>\$1,438,045</b>
Hao, Bing	DHHS/NIH/National Institute of General Medical Sciences	Microscale Thermophoresis (MTS) Instrument System	05/31/2018	203,750
Hoch, Jeffrey C	DHHS/NIH/National Institute of General Medical Sciences	Center for Biomolecular NMR Data Processing and Analysis	05/31/2018	357,711
Hoch, Jeffrey C	DHHS/NIH/National Institute of General Medical Sciences	Development and Application of Non-Fourier Method for Biomolecular NMR	05/16/2018	60,390
Torti, Suzy V	DOD/Army/Army Medical Research Acquisition Activity	Multi scale mathematical modeling of iron metabolism in breast cancer	05/30/2018	361,944
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Targeting Viral Alkaline Nucleases for the Development of Broad Spectrum Anti-Herpesvirus Therapeutics.	04/16/2018	454,250
<b>NEAG Cancer Center (SOM)</b>			<b>3 Proposals</b>	<b>\$677,812</b>
Andemariam, Biree	DHHS/HRSA/Health Resources and Services Administration/Mount Sinai School of Medicine	Region Comprehensive Hemophilia Program	05/22/2018	20,672
Heinen, Christopher D	DHHS/NIH/National Cancer Institute	Saturation Genome Editing Approach to Functionality Test All Possible MSH2 Variants	06/18/2018	438,625
Srivastava, Pramod	DHHS/NIH/National Institutes of Health/University of Connecticut	Transferral curcumin neoepitopes microneedle for cancer immunotherapy	06/07/2018	218,515
<b>Neuroscience</b>			<b>9 Proposals</b>	<b>\$5,966,138</b>
Bansal, Rashmi	DHHS/NIH/National Institute of Neurological Disorders and Stroke	Role of FGF-Signaling in Myelinogenesis.	05/15/2018	438,625
Mains, Richard	DHHS/NIH/National Institutes of Health	Cell Biology of Bioactive Peptide Secretion.	06/06/2018	358,875
Mohan, Royce	DHHS/NIH/National Eye Institute	PAD4 in Retinal Gliosis R21 EY028699-01	06/07/2018	194,112

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Developmental specification of retinal ganglion cell subtypes and activation of axon growth.	04/17/2018	1,998,678
Trakhtenberg, Feliks	DOD/Department of Defense	Pharmacological Hypothermia to Treat Acute Lung Injury in the Field	06/28/2018	328,000
Trakhtenberg, Feliks	DOD/Department of Defense	Retinal Ganglion Cell-Targeted Nanocapsule for Sustained Regeneration of Injured Axonal Tissue.	06/28/2018	280,000
Trakhtenberg, Feliks	DOD/Department of Defense	Transcriptional Regulation of Axonal Tissue Regeneration in the Central Nervous System	06/27/2018	328,000
Yan, Riqiang	DHHS/NIH/National Institute of Neurological Disorders and Stroke	BACE1 in Neurodegeneration and Neuronal Dysfunction.	04/25/2018	1,853,081
Yan, Riqiang	DHHS/NIH/National Institute on Aging	Inhibition of BACE1 for Benefiting Alzheimer's Patients.	04/30/2018	186,767
<b>Obstetrics and Gynecology</b>			<b>1 Proposals</b>	<b>\$750</b>
Grow, Daniel	New England Fertility Society	During IVF, At What P Level On Day of Trigger Should We Recommend Freeze-Only as Opposed to Fresh Embryo Transfer?	04/05/2018	750
<b>Orthopaedic Surgery</b>			<b>13 Proposals</b>	<b>\$8,389,023</b>
Arciero, Robert A	DHHS/NIH/National Institutes of Health/University of Connecticut	Sport Training to Reduce Injuries and Develop Excellence (STRIDE): Disseminating Injury Prevention Strategies to Keep Children Active For Life	05/24/2018	22,797
Canalis, Ernesto	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Role of NFAT in the Skeleton	05/16/2018	396,302
Canalis, Ernesto	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Mechanisms of Notch Action in Bone	05/21/2018	2,263,345
Kumbar, Sangamesh G	DHHS/ACF/Administration for Children and Families	Biodegradable Matrices for Bone Healing	04/13/2018	351,693
Kumbar, Sangamesh G	DHHS/NIH/National Institutes of Health	Creating Biodegradable Conducting Polymeric Implants	06/11/2018	438,651
Laurencin, Cato	DHHS/NIH/National Institutes of Health	Regenerative Engineering of Complex Musculoskeletal Tissues and Joints	06/15/2018	797,500
Laurencin, Cato	DHHS/NIH/National Institutes of Health/University of Texas, El Paso	BUILDing Scholars Phase II	05/25/2018	21,875
Laurencin, Cato	NSF/National Science Foundation/University of Connecticut	Planning Grant: Engineering Research Center for Regenerative Engineering	06/06/2018	87,572
Mazzocca, Augustus D	Arthrex	Before and After Clinical Video of New DBM	04/12/2018	1,132
Mazzocca, Augustus D	Arthrex	Post-Hydration of Arthrex's New DBM	04/12/2018	2,173
Mazzocca, Augustus D	Arthrex	Pre-Hydration of Arthrex's New DBM	04/12/2018	2,173
Nair, Lakshmi S	DHHS/NIH/National Institutes of Health	Novel Injectable Analgesic Delivery System for Musculoskeletal Pain Management	06/04/2018	2,010,060
Nukavarapu, Syam	DHHS/NIH/National Institutes of Health	Biodegradable Scaffolds for Osteochondral Tissue Engineering	06/01/2018	1,993,750
<b>Pediatrics</b>			<b>3 Proposals</b>	<b>\$505,685</b>
Hollenbach, Jessica P	Patterson Trust (Robert Leet and Clara Guthrie)/Connecticut Children's Medical Center	Interrogating the Placental Microbiome Among Pregnant Women with Asthma	05/31/2018	2,000
Salazar, Juan	CT Department of Public Health	Department of Public Health HIV Prevention	05/24/2018	299,854
Salazar, Juan	CT Department of Public Health/Connecticut Children's Medical Center	Department of Public Health HIV Prevention	05/23/2018	203,831
<b>Psychiatry</b>			<b>14 Proposals</b>	<b>\$14,631,978</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Bauer, Lance O	DHHS/NIH/National Institutes of Health	Concurrent Treatment of Heavy Drinking and Obesity in African American Women	04/09/2018	717,750
Briggs-Gowan, Margaret J	DHHS/NIH/National Institutes of Health/Northwestern University	Dimensions of Early Temper Loss and Low Concern: Clinical Utility and Mechanisms	06/18/2018	114,553
Briggs-Gowan, Margaret J	DHHS/NIH/National Institutes of Health/Northwestern University	Generating an Earlier Science of When to Worry: A Neurodevelopmental, Transactional Approach to Characterizing Irritability Patterns Beginning in Infancy	04/17/2018	13,154
Bruder, Mary E	DHHS/NIH/National Institutes of Health	University Centers for Excellence in Developmental Disabilities Education, Research, and Services	04/16/2018	2,735,000
Ginsburg, Golda S	DHHS/NIH/National Institute of Mental Health	Enhancing the Capacity of Pediatric Primary Care Providers: A Pilot Trial of the Anxiety Action Plan	06/13/2018	731,550
Grasso, Damion J	DHHS/NIH/National Institute of Child Health and Human Development	Early Life Mechanisms of Intergenerational Transmission of Trauma-Related in offspring: Epigenetic and Neurodevelopmental Pathways	06/08/2018	199,375
Grasso, Damion J	DHHS/NIH/National Institutes of Health	Mapping Dimensional Aspects of Biobehavioral Threat Reactivity in Young, Violence-Exposed Children: Linkages to Fear and Distress	06/15/2018	4,020,217
Hesselbrock, Victor	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/State University of New York	Collaborative Study on the Genetics of Alcoholism (COGA)	06/18/2018	643,633
Hesselbrock, Victor	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/State University of New York	Collaborative Study on the Genetics of Alcoholism - Administrative Supplement	05/31/2018	63,754
Kamath, Jayesh	NSF/National Science Foundation	SCH: INT: Personalized Depression Treatment Supported by Mobile Sensor Analytics	05/22/2018	466,909
Kaminer, Yifrah	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Treatment of Co-Occurring Alcohol Use Disorders and Depression/Anxiety Disorders	05/14/2018	362,899
Kaminer, Yifrah	DHHS/NIH/National Institutes of Health/Massachusetts General Hospital	Facilitating and Enhancing Youth Substance Use Disorder Recovery: Testing the efficacy, mechanisms, and moderators, of integrated...	05/21/2018	2,112,592
Steffens, David C	DHHS/NIH/National Institutes of Health	1/2 Phenotype-Genotype Predictors of Cognitive Outcomes in Geriatric Depression	05/14/2018	376,556
Wu, Zhao	DHHS/CDC/Centers for Disease Control and Prevention	Community pathways to identification and MAT engagement of individuals at high risk of overdose (IHRO)	05/15/2018	2,074,036
<b>Surgery</b>			<b>8 Proposals</b>	<b>\$6,133,982</b>
Choudhary, Dharamainder	DHHS/NIH/National Institutes of Health/University of Connecticut	Electrocatalytic Studies of Toxic Pollutant Activation	06/22/2018	311,418
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	In Vivo Evaluation of Biomatrix Coatings for Glucose Sensors (Helmsley Foundation)	06/26/2018	30,000
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	Use of Treg Exosomes to Enhance Hernia Repair	04/03/2018	43,981
Sharafieh, Roshanak	American Diabetes Association	2018 Junior Faculty Development Award	04/13/2018	539,451
Sharafieh, Roshanak	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Development of Exosome Based Biomarkers to Aid Treatment of Diabetic Foot Ulcers	06/05/2018	765,598
Smith, Phillip P	DHHS/NIH/National Institute on Aging	Detrusor Under Activity as an HCN-Mediated Failure of Resilience in Aging	06/27/2018	3,967,959
Smith, Phillip P	DHHS/NIH/National Institute on Aging	Regulatory Mechanisms in a Homeostatic Model of Geriatric Voiding Problems & Incontinence	04/11/2018	212,724
Smith, Phillip P	DHHS/NIH/National Institutes of Health/University of Connecticut	Lumbosacral DRG Neuromodulation to Manage Visceral Pain	05/24/2018	262,851

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>Traumatology and Emergency Medicine</b>			<b>1 Proposals</b>	<b>\$193,169</b>
McKay, Charles	DHHS/HRSA/Health Resources and Services Administration	Poison Center Support and Enhancement	04/19/2018	193,169
<b>UConn Center on Aging</b>			<b>5 Proposals</b>	<b>\$1,257,184</b>
Haynes, Laura	DHHS/NIH/National Institutes of Health	Does the senescent environment contribute to age-related changes in T cell function?	04/13/2018	438,625
Kuchel, George A	DHHS/NIH/National Institute of General Medical Sciences/Jackson Laboratory	Identification and interpretation of chromatin changes associated with the aging of human immune cel	06/12/2018	27,796
Kuchel, George A	DHHS/NIH/National Institute on Aging	Immune Response to High-Dose vs. Standard Dose Influenza Vaccine	04/17/2018	366,810
Kuchel, George A	DHHS/NIH/National Institutes of Health/Wake Forest University	Targeting Aging with Metformin:Tame (Biomarker Discovery Core)	05/24/2018	293,545
Robison, Julie T	DHHS/ACL/Administration for Community Living/CT Department of Rehabilitative Services, State Unit on Aging (DORS)	No Wrong Door System Business Case Development	06/08/2018	130,408
<b>University of Connecticut Health</b>			<b>140 Proposals</b>	<b>\$102,142,700</b>
<b>Grand Total</b>			<b>505 Proposals</b>	<b>\$264,705,476</b>