



Office of the Vice President for Research

List of Proposals Submitted

FY2017 2nd Quarter

October 1, 2016 – December 31, 2016

Volume 17.2

UConn

UConn
HEALTH

List of Proposals Submitted

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

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

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

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

Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
College of Agriculture, Health and Natural Resources			46 Proposals	\$12,559,648
Agricultural and Resource Economics			2 Proposals	\$458,294
Dunn, Richard A	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/Pacific Institute for Research and Evaluation (PIRE)	Drunk Driving with Children: Putting the Brakes on a Disturbing Trend	10/07/2016	46,273
Fiala, Nathan	International Initiative for Impact Evaluation	Smallholder Market-led Project (SMLP)	11/25/2016	412,021
Allied Health Sciences			2 Proposals	\$4,235,291
Leahey, Tricia M	DHHS/NIH/National Institutes of Health/Rhode Island Hospital	Social Game and Financial Incentives for Smoking Cessation and Weight Maintenance	10/20/2016	344,723
Leahey, Tricia M	DHHS/NIH/National Institutes of Health	Peer Support for Weight Loss Maintenance	12/12/2016	3,890,568
Animal Science			4 Proposals	\$518,887
Amalaradjou, Mary Anne R	DHHS/NIH/National Institutes of Health	Linking Probiotics and Epigenomic Reprogramming in Combating Chronic Inflammation	10/17/2016	422,574
D'Amico, Dennis	Walker (George) Milk Research Fund	Determining the Efficacy of Commercial Protective Cultures for the Control of Salmonella and Shiga-Toxin Producing Escherichia Coli in Raw Milk for Cheesemaking	11/07/2016	39,556
D'Amico, Dennis	National Dairy Council	Determining the Efficacy of a Novel Glycolipid to Control Listeria Monocytogenes Contamination Throughout the Production and Storage of High-Risk Cheese	12/09/2016	20,766
D'Amico, Dennis	National Dairy Council	Inactivation of Listeria Monocytogenes on Hispanic-Style Cheeses Using In-Package Water Bath Heat Treatments	12/09/2016	35,991
Extension			11 Proposals	\$682,341
Getchis, Tessa L	USDA/National Institute of Food and Agriculture/Greenwave Organization Corp	3D Ocean Farming: Beginning Ocean Farmer Training Program	12/06/2016	41,390
Gray, Pamela M	USDA/National Institute of Food and Agriculture/Kansas State University	CT 4-H Military Partnership	10/28/2016	20,000
Griffiths-Smith, Faye I	Consumer Federation of America	Connecticut Saves Week 2017 Campaign	11/17/2016	2,000
Arnold Jr, Chester L	DOC/National Oceanic and Atmospheric Administration	Bridging the "Capacity Gap"for Connecticut Coastal Communities	10/24/2016	257,847
Welch, Mary E	USDA/National Institute of Food and Agriculture/University of Missouri	Connecticut Healthy Homes 2017 - Social Media	11/28/2016	14,000
Dietz, Michael E	DOI/United States Geological Survey	Investigation of Bedrock Well Contamination by Uranium, Radium and Radon Resulting from Deicing Salt Exchange	11/18/2016	24,338
Barrett, Juliana	DOC/National Oceanic and Atmospheric Administration	2016 Connecticut Sea Grant Resilience Competition: Why Should I Evacuate? And if I do Evacuate, Where do I Go?	11/25/2016	20,000
Dietz, Michael E	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	North Eagleville Road Green Street Implementation	12/22/2016	125,000
Meador, Joyce E	USDA/National Institute of Food and Agriculture/University of Delaware	READY: Maintaining Eligibility to Ship Milk During a Foreign Animal Disease Emergency	11/17/2016	50,000
Wallace, Victoria	USDA/National Institute of Food and Agriculture/Cornell University	Biological Control Approaches to Pest Management of School Grounds	11/15/2016	99,766
Dickson, David	EPA/Long Island Sound Office/CT Department of Energy and Environmental Protection	Nitrogen Outreach Along the Connecticut Coast	11/11/2016	28,000

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Kinesiology			8 Proposals	\$1,583,498
Casa, Douglas J	Polar Electro	POLAR Team Pro Validation and Comparison (TEAM PRO Study)	10/06/2016	67,091
Casa, Douglas J	National Football League (NFL) Foundation	Kick Start Safety-NFL Athletic Training Program	10/12/2016	900,000
Casa, Douglas J	DhamaUSA	Wrist Cooling Influence on Performance, Cognition and Recovery	10/13/2016	85,256
Harrison, Steven J	DHHS/NIH/National Institutes of Health/University of Cincinnati	Modeling the Behavioral Dynamics of Social Coordination and Joint Action	11/02/2016	12,500
Lee, Elaine C	American Heart Association	Heart Healthy Hydration: Assessing the Effects of Hydration Strategies on Cardiovascular Health and Functional Performance	11/03/2016	0
Laferrier, Justin Z	NSF/National Science Foundation/University of Connecticut Health Center	Advanced Medico-technical Partnership in Prosthetics from UConn and the Travelers (AMPPUT)	11/15/2016	371,651
Taylor, Beth	National Lipid Association	Junior Faculty Research Award	12/20/2016	140,000
Pescatello, Linda S	Seabury Charitable Foundation	A Comparison of the Practice of Two Tai Chi Interventions Tailored for Different Health Outcomes	12/16/2016	7,000
Natural Resources and the Environment			8 Proposals	\$1,954,928
Helton, Ashley M	DOI/United States Geological Survey	Integrating Fine-Scale Field Measurements with Regional Groundwater Models to Predict Legacy Nitrogen Transport in Long Island Sound Watersheds	11/18/2016	23,925
Vokoun, Jason	DOI/United States Geological Survey	Evaluation of Created Thermal Refugia in Streams as a Climate Adaptation Strategy for Fish Populations Experiencing Thermal Stress	11/18/2016	9,300
Morzillo, Anita	NSF/National Science Foundation	CNH-S: Humans, Stormwater, and Climate: A Multi-Scale Approach for Integrating Biophysical and Socio-Political Dimensions in Urban Systems	11/15/2016	500,000
Morzillo, Anita	Danforth (Sophie) Conservation Biology Fund	Human Dimensions of Timber Rattlesnake (Crotalus Horridus) Conservation: An Evaluation of Landowner Attitudes in Connecticut (USA)	11/15/2016	1,000
Helton, Ashley M	NSF/National Science Foundation	Legacy Nitrogen and Groundwater Lags: The Effects of Historic Nitrogen Application on Contemporary Surface Water Quality	11/28/2016	495,398
Lawrence, Beth A	Long Island Sound Study	How will Sea Level Rise-Driven Shifts in Wetland Vegetation Alter Ecosystem Services?	10/03/2016	317,830
McKinney, Melissa A	North Pacific Research Board	Gut Microbiota, Parasite, and Contaminant Interactions in an Ice-Obligate Predator Experiencing Habitat and Diet Change	12/16/2016	274,889
Witharana, Chandi	NSF/National Science Foundation	Collaborative Proposal: Polygon Mapping and Modeling	12/05/2016	332,586
Nutritional Sciences			4 Proposals	\$1,441,746
Fernandez, Maria-Luz	USDA/National Institute of Food and Agriculture	Graduate Training in Nutrition for the Prevention of Obesity and Associated Disorders	10/04/2016	568,840
Blesso, Christopher N	DHHS/NIH/National Institutes of Health	Milk Sphingomyelin as a Modifier of the Gut-Liver Axis for Prevention of NAFLD	10/19/2016	422,574
Blesso, Christopher N	American Egg Board	Anti-Inflammatory and Hypolipidemic Effects of Egg Sphingomyelin for the Prevention of Atherosclerosis: A Pilot Study	12/20/2016	17,057
Chun, Ock K	DHHS/NIH/National Cancer Institute	Is Health Disparity in Prostate Cancer Risk Attributable to Antioxidant Intake?	10/17/2016	433,275
Pathobiology			5 Proposals	\$1,634,689
Szczepanek, Steven	DHHS/NIH/National Institutes of Health	Impairment of B-1a Cell Development and Maturation in Sick Cell Disease	10/05/2016	429,284
Verardi, Paulo H	DHHS/NIH/National Institutes of Health/CaroGen	Development of VLV-Based Zika Virus Vaccine	11/07/2016	144,064
Levin, Milton J	Wild Animal Health Fund	Validating Dried Blood Spot Cards for Marine Mammal Persistent Organic Pollutant Analysis: A New Tool for Wildlife Health Assessments	12/14/2016	10,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Geary, Steven J	NSF/National Science Foundation/Cornell University	Coinfection Mediated Evolution of Virulence in an Emerging Disease	11/11/2016	1,001,808
Levin, Milton J	Morris Animal Foundation	The Role of PCBs, Pesticides and the Immune System in Influenza A Virus Infection in Grey Seals	11/15/2016	49,533
Plant Science and Landscape Architecture			2 Proposals	\$49,974
Guillard, Karl	DOI/United States Geological Survey	Phosphorus Leaching from Compost-Amended Turf Areas	11/14/2016	49,974
Brand, Mark H	USDA/National Institute of Food and Agriculture/University of Maryland, College Park	Breeding and Crop Management Strategy Development for the Novel Specialty Crop Aronia	11/07/2016	0
College of Liberal Arts and Sciences			138 Proposals	\$73,091,904
Chemistry			17 Proposals	\$6,867,531
Suib, Steven L	General Electric Company	GE-Energy	12/09/2016	100,000
Hren, Michael T	University of Southern California	Markers of Microbial Mat Metabolism: Linking Rates, Pathways, Isotopic Signatures and Sedimentary Structures	11/30/2016	78,346
Angeles-Boza, Alfredo M	NSF/National Science Foundation	Collaborative Research: Investigating the Interplay between the Conformational and Functional Space of Membrane Proteins and the Physicochemical Properties of the Surrounding Bilayer and Environment	11/15/2016	285,666
Mani, Tomoyasu	DOE/Department of Energy	Singlet to Triplet: Paving the Way to Triplet-Based Organic Solar Cells	11/14/2016	794,379
He, Jie	NSF/National Science Foundation	Tadpole Block Copolymer Architecture Effect on Thermodynamics and Chain Exchange Kinetics Between Pure and Mixed Micelles: Synthesis, Characterization and Computer Modeling	10/31/2016	494,457
Pinkhassik, Evgueni	NSF/National Science Foundation	Functional Devices Made with Porous Hollow Nanocapsules	10/31/2016	698,335
Adamson, Douglas	NSF/National Science Foundation	Collaborative Research: Grafting through Mechanism for Dense and Low Dispersity Surface Initiated Polymer Brushes	10/31/2016	346,388
Rouge, Jessica	NSF/National Science Foundation	Nucleic Acid Nanocapsules as Biochemically Responsive Drug Delivery Vehicles	10/28/2016	351,496
Rouge, Jessica	DHHS/NIH/National Institutes of Health	Homing in on Cancer: Leveraging In Vitro Selection to Improve the Targeting of Nanomaterial-Based Therapeutics Into Cancer Cells	11/04/2016	1,231,847
Kumar, Challa V	NSF/National Science Foundation	Toward Graphene-Enabled Biological Materials: Biomolecule-Graphene Interactions	10/26/2016	402,502
He, Jie	NSF/National Science Foundation	Solar-Driven Hydrogenation of CO ₂ Using Hierarchically Porous Mg-Doped TiO ₂ with Spatially Isolated Au and Pt Nanoparticles	10/20/2016	230,087
Zhao, Jing	NSF/National Science Foundation	An Exclusive Hydrogel-based New Lateral Flow Biosensing Platform	10/20/2016	313,543
Mani, Tomoyasu	American Chemical Society/Petroleum Research Fund	Production of Triplet Excited States of π -Conjugated Organic Molecules by Control of Spin-Related Radical Pairs	10/20/2016	110,000
Papadimitrakopoulos, Fotios	NSF/National Science Foundation	Integrating Metabolic Patterning into General Wellness Devices	10/14/2016	
He, Jie	NSF/National Science Foundation	Designing Nanostructures of Mesoporous Transition Metal Oxide/Noble Metal Catalysts Towards Plasmon-Enhanced Solar Water Splitting	10/20/2016	424,160
Kumar, Challa V	NSF/National Science Foundation	Rational Design of Microfluidics-Enabled Large-Scale Synthesis of Polymer-Wrapped Enzyme Nanoparticles (PENs) with High Stability and High Activity	10/14/2016	592,685
Adamson, Douglas	DHHS/NIH/National Institutes of Health	Low Friction Surfaces for Weight Bearing Surfaces	10/17/2016	413,640
Communication			1 Proposals	\$48,942

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Lachlan, Kenneth A	DHHS/NIH/National Institutes of Health/University of Maryland, College Park	The Centrality of Diverse Families to Community Disaster Resilience	11/15/2016	48,942
Ecology and Evolutionary Biology			9 Proposals	\$3,697,501
Yarish, Charles	DOC/NOAA/National Marine Fisheries Service/Woods Hole Oceanographic Institution	Improving the Transplantation and Early Grow-Out Techniques to Produce Reliable Sugar Kelp Harvests in Southern New England	12/08/2016	34,317
Yarish, Charles	DOC/NOAA/National Marine Fisheries Service	Optimizing Sugar Kelp Aquaculture in Southern New England and Long Island Sound: Strategies to Identify Thermally-Tolerant Strains	12/09/2016	299,999
Yarish, Charles	DOC/NOAA/National Marine Fisheries Service/Earth Protect	Aquaculture and Ecosystems, Developing a Functional and sustainable Tropical Marine Aquaculture System	11/17/2016	63,314
Wegrzyn, Jill L	USDA/Forest Service/Pennsylvania State University	Genomic Selection to Fast-Track Blister Rust Resistance in Sugar Pine	11/15/2016	19,554
Yuan, Yaowu	DHHS/NIH/Agency for Healthcare Research and Quality	Phenotypic Novelty and Diversity: The Genetics, Development, and Evolution of Patterns and Forms in Monkeyflowers	11/04/2016	1,900,068
Tingley, Morgan W	NSF/National Science Foundation	Collaborative Proposal: MSB-FRA: Causes, Consequences, and Cross-Scale Linkages of Climate-Driven Phenological Mismatch Across Three Trophic Levels	10/17/2016	1,217,700
Tingley, Morgan W	NSF/National Science Foundation	DISSERTATION RESEARCH: Birds and Berries: Climate Change and the Shifting	10/13/2016	20,538
Jockusch, Elizabeth L	NSF/National Science Foundation	Dissertation Research: Rethinking Parallel Speciation in the Pleistodon Skiltonianus Complex: Measuring Contemporary Gene Flow and Natural Selection in a System with a Strong Mechanical Barrier to Reproduction	10/13/2016	20,540
Wegrzyn, Jill L	USDA/National Institute of Food and Agriculture/North Carolina State University	Development and Use of Genomic Tools to Improve Firs for Use as Christmas Trees	10/21/2016	121,471
Economics			1 Proposals	\$85,489
Prakash, Nishith	International Growth Centre	Social Ties and Bureaucratic Corruption	12/05/2016	85,489
Geography			1 Proposals	\$417,735
Zhang, Chuanrong	DHHS/NIH/National Institutes of Health	A Smart Phone CyberGIS approach for Accounting for Spatial Uncertainty in Asthma and Air Pollution Association Analysis	11/16/2016	417,735
Human Development and Family Studies			3 Proposals	\$106,665
Sabatelli, Ronald M	DOJ/Department of Justice/CT Office of Policy and Management	Evaluation of the Second Chance Community Supervision Implementation Program	11/28/2016	80,000
Super, Charles M	World Bank	Niger Safety Nets Evaluation - Phase 2	11/10/2016	6,610
Gans-Deluca, Kim	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	Enhancing Pediatric Obesity Treatment by Managing Comorbidities: The Pain and Weight Trial	11/08/2016	20,055
Linguistics			1 Proposals	\$503,695
Hall, Matthew	DHHS/NIH/National Institutes of Health	Language Exposure, Language Proficiency & Psychological Outcomes in Deaf Children	10/26/2016	503,695
Literature, Culture and Languages			1 Proposals	\$158,000
Finger, Anke K	NEH/National Endowment for the Humanities	Creativity in Global Contexts (CGC): Integrating the Humanities and Business Education	10/05/2016	158,000
Marine Sciences			22 Proposals	\$4,876,684
Vaudrey, Jamie	DOC/NOAA/National Marine Fisheries Service	Before-After-Control-Impact Study of 3D Ocean Farms: Differences in Dissolved Oxygen, Nitrogen and Chlorophyll within Shellfish and Seaweed Farms Compared to Non-Farmed Locations	12/09/2016	300,643

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Ward, J E	DOC/National Oceanic and Atmospheric Administration	Selective Ingestion of Microplastics by Oysters: Exposure Assessment as a Predictive Tool For Assessing the Environmental Risk to Commercially Important Bivalves	12/19/2016	257,531
Tobias, Craig R	New Zealand Ministry for Primary Industries/Landcare Research	Mitigation Via the Nitrogen Detour Pathway: Exploring an Abiotic Nitrogen Removal Mechanism that Bypasses N2O Emissions	10/13/2016	24,960
Tobias, Craig R	DOD/Army/Corps of Engineers/RTI International	Carbon Exchanges and Source Attributions in the New River Estuary, NC	11/30/2016	32,260
McManus, George B	EPA/Environmental Protection Agency	Quantifying Episodic Algal Blooms with Low-Cost Instruments and a Citizen-Based Sampling Network	10/03/2016	67,105
Baumann, Zofia	EPA/Environmental Protection Agency	Evaluating the Role of Connecticut River Inputs in Mercury Cycling in Long Island Sound in a Changing Climate	10/03/2016	393,021
Whitney, Michael	EPA/Environmental Protection Agency	Nutrient and Carbon Fluxes through Long Island Sound, Linking River Sources to Impacted Areas	10/03/2016	278,851
Zhang, Huan	EPA/Environmental Protection Agency	Linking Nutrients, Phytoplankton Community Shifts, and Hypoxia	10/03/2016	328,361
Lund, David	NSF/National Science Foundation	Millennial-Scale Atmospheric CO2 Variability During the Last Deglaciation: Testing the Biological Pump Hypothesis Using Upper Ocean Carbon Isotope Records	10/14/2016	358,774
Cabaniss, Joseph T	NSF/National Science Foundation/Columbia University	R/V Connecticut Charter for Barclay Equipment Recovery	10/13/2016	15,680
Lombardo, Kelly	DOD/NAVY/Office of Naval Research	The Impact of Upstream Escarpments on the Lifecycle and Severity of Coastal Mesoscale Convective Systems	10/26/2016	473,433
Dam Guerrero, Hans G	DOC/NOAA/National Ocean Service	ECHOHAB 2017: Are Growth and Toxicity of the Dinoflagellate Alexandrium Controlled by Grazer-Induced Defense?	11/02/2016	698,938
Cabaniss, Joseph T	Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Transformer Maintenance	11/02/2016	21,000
Cabaniss, Joseph T	Bigelow Laboratory for Ocean Sciences	Charter of R/V Connecticut by Bigelow Lab GNATS Spring 2016	11/02/2016	25,533
Lin, Senjie	DOC/NOAA/National Ocean Service	Investigating Triggers of Sexual Reproduction as Causes of a Dinoflagellate Bloom	11/02/2016	695,118
Fewings, Melanie R	DOD/NAVY/Office of Naval Research	Spatial Variations in Estuarine Water Temperature: The Role of Coastal Effects on the Air-Sea Heat Flux	11/04/2016	609,240
Cabaniss, Joseph T	Fugro	Charter of R/V Connecticut by Fugro Global for Equipment Recovery	11/11/2016	4,533
Bucklin, Ann	DOC/NOAA/National Marine Fisheries Service/Woods Hole Oceanographic Institution	Molecular Detection of the Highly Toxic Jellyfish Goniomonus Vertens to Increase Aquaculture Safety and Reduce Aquaculture-Mediated Spread	12/05/2016	65,210
Cabaniss, Joseph T	NSF/National Science Foundation/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Glider deployment and recovery	12/23/2016	44,016
Cabaniss, Joseph T	DOC/NOAA/Oceanic and Atmospheric Research/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for ESP Mooring Deployment and Recovery	12/23/2016	28,000
Bucklin, Ann	DOC/NOAA/Oceanic and Atmospheric Research/Woods Hole Oceanographic Institution	Coupling New Imaging and Sampling Technologies with Metagenetic and Biogeochemical Analyses to Explore the Mesopelagic Zone	12/15/2016	24,516
Bucklin, Ann	DOC/National Oceanic and Atmospheric Administration/University of Alaska Fairbanks	Rapid Assessment of Arctic Ocean Pelagic Biodiversity Using Metagenetic Analysis and Reference DNA Sequence Databases	12/13/2016	129,961
Mathematics			12 Proposals	\$2,377,216
Weyman, Jerzy M	NSF/National Science Foundation	Structure of Free Resolutions; Varieties with Symmetries	10/12/2016	439,220
Akman, Murat	NSF/National Science Foundation	On the Hausdorff Dimension of Elliptic Measures and Related Problems	10/04/2016	98,264
Glick, Max I	NSF/National Science Foundation	Cluster Algebras and Discrete Dynamical Systems	10/04/2016	83,052

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Chousionis, Vasileios	NSF/National Science Foundation	Geometric Analysis on Carnot Groups	10/04/2016	190,078
Vellis, Vyron S	NSF/National Science Foundation	Geometric Uniformization of Metric Spheres and Extension Problems	10/04/2016	82,859
Lu, Guozhen	NSF/National Science Foundation	Harmonic Analysis Techniques in Sharp Geometric and Functional Inequalities and Applications	10/07/2016	270,634
Lu, Guozhen	NSF/MPS/Directorate for Mathematics and Physical Sciences	Multiparameter Harmonic Analysis and Sharp Geometric Inequalities with Applications to PDEs	10/11/2016	28,258
Wallace, Erik T	NSF/National Science Foundation	Rank of Elliptic Curves	10/14/2016	76,691
Gordina, Maria	NSF/National Science Foundation	Probabilistic methods in geometry and analysis	11/02/2016	450,244
Lierl, Janna	NSF/National Science Foundation	Heat Kernels and Heat Flow on Metric Spaces	11/07/2016	149,914
Forghani, Behrang	NSF/National Science Foundation	Quantitative and Qualitative behaviors of Random Walks	11/07/2016	95,854
Ben-Ari, Iddo	NSF/National Science Foundation	Bak-Sneppen and Related Models	11/07/2016	412,148
Molecular and Cell Biology			15 Proposals	\$14,913,880
Gogarten, Johann P	NSF/National Science Foundation	NSF/MCB-BSF: Rare Genes and Alleles in Halophilic Archaeal Populations and Communities	11/15/2016	817,279
Goldhamer, David J	DHHS/NIH/National Institutes of Health	Fibro-Adipogenic Progenitors in Heterotopic Ossification of Skeletal Muscle	10/05/2016	1,932,185
O'Neill, Rachel J	Connecticut Innovations/University of Connecticut Health Center	UConn-Wesleyan Stem Cell Core	12/12/2016	146,363
Giardina, Charles A	Connecticut Innovations/University of Connecticut Health Center	Microbial-Epithelial Cross-Talk Modulates UC Phenotype via DNA Methylation of Colon Stem Cells	12/14/2016	132,000
Goldhamer, David J	Connecticut Innovations	Stem Cell Dysfunction and the Ossification of Skeletal Muscle	12/16/2016	750,000
Graf, Joerg	DHHS/NIH/National Institutes of Health/University of Texas Health Science Center at Houston	Detrimental Effects of Age Related Dysbiosis	12/15/2016	802,000
Knecht, David A	NSF/National Science Foundation	The Role of Chemoattractant Degradation in Diffusional Gradient and Self-Generated Gradient Chemotaxis	11/15/2016	621,409
May, Eric R	NSF/National Science Foundation	Collaborative Research: Multiscale Simulation Studies of Mechanosensitive Channels	11/15/2016	248,696
Cole, James L	DHHS/NIH/National Institutes of Health	Mechanism for Activation of the Antiviral Kinase PKR	11/07/2016	2,390,672
Core, Leighton J	DHHS/NIH/National Institutes of Health	Regulation, Evolution, and Function of Promoter-Associated Non-Coding RNAs	11/04/2016	1,790,898
Teschke, Carolyn M	Beckman (Arnold and Mabel) Foundation	Beckman Foundation Grant for cyroEM	11/01/2016	2,500,000
Core, Leighton J	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Regulation of UBE3A Genomic Imprinting	10/26/2016	294,516
Graf, Joerg	NSF/National Science Foundation	EAGER: Establishment of an Experimental Evolution System for Probiotic Bacteria	10/31/2016	299,999
Zhang, Ping	DHHS/NIH/National Institutes of Health	Discovery of Critical Gene Interactions and Pathways that Mediate Neurodegeneration	10/05/2016	1,917,917
Klassen, Jonathan	Kavli Foundation	New Tools to Link Secondary Metabolites to Microbial Interactions	12/02/2016	269,946
Physics			11 Proposals	\$4,383,060
Trump, Jonathan R	NSF/National Science Foundation	Reverberation Mapping of Quasar Accretion Disks	11/15/2016	414,895
Sochnikov, Ilya	DOE/Department of Energy	Direct Magnetic Detection of Photo-Induced Topological States on a Sub-Picosecond Time Scale	11/14/2016	755,073

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Schweitzer, Peter	NSF/National Science Foundation	3D Structure of the Nucleon	11/11/2016	408,870
Battersby, Cara	NSF/National Science Foundation	Collaborative Research: The Skeleton of the Milky Way	11/14/2016	115,845
Sinkovic, Boris	NSF/National Science Foundation	Electronic and Spin Structures at the Surfaces of Magnetic Topological Insulators	10/31/2016	448,497
Sochnikov, Ilya	NSF/National Science Foundation	Direct Magnetic Detection of Photo-Induced Topological States	10/31/2016	450,000
Wells, Barrett O	NSF/National Science Foundation	Negative Thermal Expansion Materials as Tool and Topic for Film Studies	10/31/2016	478,699
Gibson, George N	NSF/National Science Foundation	Excitation of Molecules by Strong Laser Fields	10/24/2016	389,843
Cote, Robin J	NSF/National Science Foundation	Rydberg Electrons as a Probe for Few-and Many-Body Physics	10/26/2016	343,544
Javanainen, Juha M	NSF/National Science Foundation	Microscopic Basis for Electrodynamics of Polarizable Media	10/18/2016	359,244
Cormier, Vernon F	DOD/Air Force Research Laboratory	Full Waveform Modeling of High Frequency Regional Phases for Optimization of Regional Monitoring of the North Korean Test Site	10/03/2016	218,550
Physiology and Neurobiology			10 Proposals	\$9,157,783
De Blas, Angel L	DHHS/NIH/National Institutes of Health	Controlled Manipulation of GABAA Receptor Clustering and Synaptic Strength	10/11/2016	659,839
Mulkey, Daniel K	Hughes (Howard) Medical Institute	Scientific Teaching Team Building	10/05/2016	950,534
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	Understanding the Role of Minor Splicing in Neural Cell Fate Determination and Differentiation	10/05/2016	1,943,927
Walikonis, Randall S	DHHS/NIH/National Institutes of Health/Medical College of Wisconsin	The Role of BRAG1 in Synaptic Function, Learning, and Memory	10/06/2016	940,166
Kanadia, Rahul N	BrightFocus Foundation/University of Massachusetts Medical School	Role of Photoreceptors in Age-Related Macular Degeneration	10/25/2016	14,770
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	Understanding the Role of Minor Spliceosome in the Pathogenesis of Amyotrophic Lateral Sclerosis	11/16/2016	422,574
Mulkey, Daniel K	DHHS/NIH/National Institutes of Health/University of Texas Health Science Center at Houston	KCNQ2 Channels in Chemosensitive RTN Neurons Regulate Breathing and are Potential Targets for Treatment of Stroke-Induced Respiratory Dysfunction	12/16/2016	1,751,176
Wang, Li	American Liver Foundation	ZEB1/EpCAM Axis in LncRNA H19-Mediated Cholestasis	12/01/2016	12,500
Kanadia, Rahul N	Foundation Fighting Blindness/University of Massachusetts Medical School	Uncovering the Role of Photoreceptors in Age-Related Macular Degeneration	12/07/2016	21,643
Wang, Li	DHHS/NIH/National Institutes of Health	New Regulator and Therapy for Liver Disease	12/07/2016	2,440,654
Political Science			1 Proposals	\$60,000
Hertel, Shareen	Taylor & Francis Group	The Journal of Human Rights	10/17/2016	60,000
Psychological Sciences			21 Proposals	\$20,364,080
Kalichman, Seth C	DHHS/NIH/National Institutes of Health/University of California, San Diego	Developing a Trauma-Responsive Peer Navigator Intervention for Alcohol-Using Women at Risk for or Living with HIV	12/14/2016	96,464
Magnuson, James S	NSF/National Science Foundation	NRT-UtB-DESE: Neurobiology of Learning: From the Synapse to the Classroom	12/08/2016	0
Salamone, John D	Chronos Therapeutics	Drug Development for Treatment of Fatigue/Anergia	12/12/2016	97,808
Landi, Nicole	DHHS/NIH/National Institutes of Health	Concept Learning and Lexical-Semantic Weakness in Poor Comprehenders	12/08/2016	130,728
Park, Crystal	DHHS/NIH/National Cancer Institute	Multilevel Resilience Trajectories in the Transition to Cancer Survivorship	12/01/2016	3,377,016
Gibbons, Frederick	DHHS/NIH/National Institutes of Health	Contextual and Health Behavior Effects on Epigenetic Aging Among African Americans	11/15/2016	1,787,857

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Stevenson, Ian	NSF/National Science Foundation	RI: Small: Adaptive Decoding of Noisy, Non-Stationary Neural Activity	11/16/2016	462,898
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health/Dignity Health	Active Vision: What Visual Cortex Tells the Motor System During Locomotion	10/28/2016	1,073,569
Park, Crystal	DHHS/NIH/National Institutes of Health	MATTERS (Mindful Alternative Treatments To Effectively Reduce Substance Use/Abuse)	11/18/2016	715,465
Leach, Colin W	Society for Personality and Social Psychology	Co-Editor of Personality and Social Psychology Bulletin	12/21/2016	5,000
Williams, Monnica T	American Psychological Association	Reducing Racial Microaggressions and Promoting Racial Harmony	11/10/2016	11,133
Large, Edward W	NSF/National Science Foundation	Collaborative Research: An Integrative Multi-Scale Dynamical Systems Framework for Auditory Scene Analysis	10/21/2016	1,488,223
Fein, Deborah A	DHHS/NIH/National Institute of Child Health and Human Development/Drexel University	Connecting the Dots: An RCT Relating Standardized ASD Screening, Intervention Access, and Long-Term Outcomes	10/21/2016	3,082,218
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health/Women and Infants Hospital of Rhode Island	The Low-Verbal Investigatory Screener for Autism (L-VIS) - Exploring Utility as a Measure of Verbal Capacity	10/14/2016	53,663
Johnson, Blair T	DHHS/NIH/National Institutes of Health	Comprehensive Meta-Review of Meta-Analyses Focused on Antidepressant Efficacy	10/14/2016	100,000
Salamone, John D	DHHS/NIH/National Institutes of Health	Development and Characterization of Rodent Models for the Assessment of the Effort-Related Motivational Effects of Curcumin	10/17/2016	146,692
Park, Crystal	DHHS/NIH/National Cancer Institute	Stress and Self-Regulation of Negative Affect as Predictors of Health Behaviors	10/14/2016	2,057,101
Park, Crystal	Alex's Lemonade Stand Foundation	A Multilevel Perspective on Pediatric Cancer Survivor's Health Behaviors	10/14/2016	300,000
Astur, Robert	DHHS/NIH/National Institutes of Health	Effects of Nicotine on Spontaneous Recovery and Reinstatement in Humans	10/31/2016	427,925
Johnson, Blair T	DHHS/NIH/National Institute of Mental Health	Placebo Responding in Anti-Depressant Trials: Comprehensive Models	10/03/2016	2,017,087
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health	The Role of Heterosynaptic Plasticity in Modulating Regimes of Learning	10/04/2016	2,933,233
Sociology			1 Proposals	\$11,896
Holzer, Elizabeth	NSF/National Science Foundation	Doctoral Dissertation Research: Living Transnational Lives through the Bureaucracies of Forced Migration and Humanitarianism	10/17/2016	11,896
Speech, Language and Hearing Sciences			5 Proposals	\$3,476,338
Spaulding, Tammie	DHHS/NIH/National Institutes of Health/University of Delaware	Perceptual Learning and Memory Consolidation in Adults With and Without Language Impairment	10/18/2016	23,476
Skoe, Erika	GRAMMY Foundation	The Influence of Music and Dance Training on Hearing in Noise	12/19/2016	20,000
Myers, Emily B	DHHS/NIH/National Institutes of Health	Exploring a Common Mechanism for Phonetic Learning and Phonetic Adaptation	12/08/2016	170,094
Tufts, Jennifer	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Active Hearing Protectors and Audibility of Critical Communications	11/02/2016	53,568
Coelho, Carl A	DHHS/NIH/National Institutes of Health	Neuroassessment of Discourse Following TBI	10/05/2016	3,209,200
Statistics			6 Proposals	\$1,585,409
Yan, Jun	Delta Dental Fund/University of Connecticut Health Center	Utilization of Dental Imaging During the Past 20 Years - Part II	12/16/2016	58,888
Chi, Zhiyi	NSF/National Science Foundation	New Simulation Methods for Levy Processes and Related Distributions	12/01/2016	215,730
Chen, Kun	NSF/National Science Foundation	III: Small: Collaborative Research: Building a Robust Comprehensive Predictive Modeling Framework for Complex Data	11/16/2016	250,000
Yan, Jun	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Connecticut Health Center	State Innovation Model - Round Two of Funding	10/28/2016	42,870

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Schifano, Elizabeth D	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	The Influence of Maternal Asthma on the Placental Microbiome	10/11/2016	17,592
Chen, Kun	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Improving the Identification of Patients at Risk of Suicide	10/28/2016	1,000,329
NEAG School of Education			12 Proposals	\$6,007,191
Curriculum and Instruction			3 Proposals	\$3,267,501
Settlage, John	NSF/National Science Foundation	Systems Thinking for Science Excellence & Equity	12/05/2016	2,998,751
Howard, Elizabeth	ED/Institute of Education Sciences/University of Colorado	Writing for English Language Learners (WELLS): Exploring Instruction and Outcomes	11/16/2016	89,248
Campbell, David T	NSF/National Science Foundation	Collaborative Research: Enhancing Teaching and Learning of Scientific Practices Through Modeling	12/01/2016	179,502
Education Dean			2 Proposals	\$268,030
Chafouleas, Sandra M	NSF/National Science Foundation/Doors to Explore	Doors to Explore: A Student-Centered Platform to Inform College and Career Pathways in STEM	12/02/2016	68,051
Cobb, Casey D	Nellie Mae Education Foundation	Evaluation of the League of Innovative Schools	11/21/2016	199,979
Educational Leadership			3 Proposals	\$2,162,569
Castillo-Montoya, Milagros	American College Personnel Association (ACPA)	Culturally Relevant Professional Development: Supporting Teaching in Racially and Ethnically Diverse College Learning Environments	12/07/2016	3,000
Gonzales, Richard	Wallace Foundation	Wallace UPPI Initiative	10/28/2016	2,150,000
McGarry, Jennifer E	Women's Sports Foundation	Husky Power	11/17/2016	9,569
Educational Psychology			4 Proposals	\$309,091
Bray, Melissa A	Wallingford Public Schools, CT	School Psychology Internship - Jacob Friedman	12/22/2016	10,860
Kaufman, James	NEA/National Endowment for the Arts	Impact of Art Exposure on Creative Production	10/25/2016	99,769
Loken, Eric O	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Pennsylvania State University	Effect of Birth Order and Genetics on Infant Parenting and Obesity Risk	10/19/2016	28,462
Renzulli, Joseph S	Cooke (Jack Kent) Foundation	Young Scholars First Summer	10/07/2016	170,000
School of Business			1 Proposals	\$91,459
Operations & Info Management			1 Proposals	\$91,459
He, Shu	NSF/National Science Foundation	SaTC: CORE: Small: Collaborative: Information Disclosure and Security Policy Design: A Large-Scale Randomization Experiment in Trans-Pacific Region	11/16/2016	91,459
School of Engineering			169 Proposals	\$69,857,875
Biomedical Engineering			16 Proposals	\$3,707,377
Santaniello, Sabato	University of Connecticut Health Center	Towards Brain Tissue Regeneration: Development of Functional Neuronal Circuits with Induced Pluripotent Stem Cells and Epileptic Patient Cells	12/14/2016	10,072
Brown, Kevin S	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Accounting for Parameter and Model Uncertainty in VCell Using Sloppy Models Theory	10/03/2016	507,028
Huang, Yen Chih	Connecticut Innovations	3D Printing of Nerve Guidance Conduits for Peripheral Nerve Regeneration	12/16/2016	200,000
Huang, Yen Chih	Connecticut Innovations	Direct Differentiation of Human Pluripotent Stem Cells into Motor Neurons and Oligodendrocytes	12/16/2016	750,000

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Vanden Berg-Foels, Wendy S	Connecticut Innovations/University of Connecticut Health Center	Modulation of Progenitor Cells of the Mandibular Condylar Cartilage by PTH	12/14/2016	12,991
Han, Martin	DHHS/NIH/National Institutes of Health/University of Southern California	Self-Focusing Acoustic Transducers for Non-Invasive Neuromodulation	11/23/2016	720,270
Morgan, Kristin	NSF/National Science Foundation/University of Connecticut Health Center	Advanced Medico-Technical Partnership in Prosthetics from UConn and the Travelers (AMPPUT)	11/15/2016	162,565
Brown, Kevin S	NSF/National Science Foundation	Modeling Spatiotemporal Control of EGFR-ERK Signaling in Gene-edited Cell Systems	11/15/2016	164,717
Zheng, Guoan	NSF/National Science Foundation	Magnetic-Field-Controlled Angular Light Modulator	11/01/2016	392,480
Kaputa, David F	Boston Children's Hospital	2017-18 Clinical Engineering Internship Program at Boston Children's Hospital	10/28/2016	72,878
Kaputa, David F	Memorial Hermann Healthcare System	2017-18 Clinical Engineering Internship Program at Memorial Hermann Healthcare System	10/28/2016	53,181
Huang, Yen Chih	NASA/National Aeronautics and Space Administration/University of Hartford	3D Printed Hydrogel for Skeletal Muscle Differentiation for Human IPS Cells	10/25/2016	8,000
Zheng, Guoan	NSF/National Science Foundation	Developing High-Throughput Whole Slide Imaging Platform Using Single-Frame Instant-Focusing Scheme	10/11/2016	200,000
Vanden Berg-Foels, Wendy S	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Role of PTH on the Chondrocytic Lineage in Mandibular Condylar Cartilage	10/07/2016	14,199
Feng, Bin	DHHS/NIH/National Institutes of Health	Mechanisms of DRG Stimulation to Modulate Visceral Afferent Function	10/14/2016	150,940
Shin, Yong-Jun	NSF/National Science Foundation	Distributed and Adaptive Evidence-Based Medicine (EAGER)	12/14/2016	288,056
Chemical and Biomolecular Engineering			25 Proposals	\$7,144,376
McCutcheon, Jeffrey R	Electric Power Research Institute	Elucidating Fundamental Performance Parameters for Hybrid Forward Osmosis Systems Designed for Wastewater Reuse for Cogeneration	12/22/2016	90,000
Maric, Radenka	DOE/Office of Energy Efficiency and Renewable Energy	Stable, High Performance Catalyst for Low Temperature Electrolysis	12/20/2016	0
Bollas, Georgios	NSF/National Science Foundation	SECuRE: Systems Engineering for C-REsilience	12/09/2016	0
Bollas, Georgios	DOE/Department of Energy/Precision Combustion	Spouted Bed Reactor Model Development of Coal/Biomass Combustion: From Laboratory to Sub Pilot Scale	12/12/2016	174,999
Lei, Yu	NSF/National Science Foundation/Health E-sense	Breath Sensor Technology for Routine Health Monitoring	12/06/2016	25,147
Ma, Wing Kui Ans	GKN Structures	Thermal and Rheological Characterization of Resins	12/07/2016	74,687
Bollas, Georgios	United Technologies-Corporate Headquarters	Robust Active Fault Detection & Isolation in Aerospace Applications of Thermal Fluid Systems	11/18/2016	119,866
Valla, Ioulia A	DOE/Department of Energy	Bimetallic Catalysts for Selective Hydrodeoxygenation of Biomass Pyrolysis Vapors at Minimum Hydrogen Consumption	11/15/2016	344,831
Stuber, Matthew D	DOE/Department of Energy	Design Under Uncertainty with Global Optimization of Large Sparse Systems	11/11/2016	750,000
Wagstrom, Kristina	NSF/National Science Foundation	COLLABORATIVE: Acceleration of Atmospheric Chemistry Calculations Using Dynamic Mechanism Reduction and GPU Technology	10/31/2016	270,736
Willis, Brian G	NSF/National Science Foundation	Nanostructures for Resonant Plasmonic Devices	10/31/2016	406,037
Nieh, Mu-Ping	NSF/National Science Foundation	Rational Design of Smart, High-Efficacy, Self-Assembled and Well-Defined Lipid-Based Theranostic Nanoclusters	10/31/2016	379,534
Burke, Kelly A	NSF/National Science Foundation	Collaborative Research: Cellular Responses to Viscoelasticity in Liquid Crystalline Networks	10/31/2016	338,921

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Sun, Luyi	NSF/National Science Foundation	Bio-Inspired Moisture-Activated Wrinkling Surfaces with Tunable Optical Properties	10/31/2016	567,392
Burke, Kelly A	American Chemical Society/Petroleum Research Fund	Structure Development in Main-Chain Liquid Crystalline Polymer Gel Networks	10/20/2016	110,000
McCutcheon, Jeffrey R	NSF/National Science Foundation	GOALI: Hollow Fiber Membrane Modules for Osmotic Systems: Understanding Design-Performance Relationships using Membranes and Models.	10/20/2016	311,403
Valla, Ioulia A	NSF/National Science Foundation	Novel Hollow Mesoporous Structures with Encapsulated Metals as Size-Selective Hydrogenolysis Nanoreactors: Synthesis, Reactions Mechanism and Kinetics	10/20/2016	288,360
Maric, Radenka	NSF/National Science Foundation	GOALI: Core-Shell Electrocatalysts for Electrolyzers and Fuel Cells	10/19/2016	574,908
Wagstrom, Kristina	NSF/National Science Foundation	Resolving Source Contributions to Atmospheric Deposition	10/20/2016	299,990
Cho, Yongku P	NSF/National Science Foundation	Combinatorial Approaches for Engineering Antibody Specificity	10/20/2016	330,262
Maric, Radenka	NSF/National Science Foundation	Developing an Engineering Prototype for Ultra-Low-Cost Energy Harvesting and Storage	10/11/2016	200,000
Mustain, William	NSF/National Science Foundation	GOALI: SusCheM: Collaborative Research: Carbonate-Specific Design of Catalysts and Ionomers for Electrochemical CO2 Capture	10/19/2016	306,324
Mustain, William	NSF/National Science Foundation	GOALI: Understanding and Controlling Nanoscale Electrochemical Transformations of Transition Metal Oxides	10/31/2016	415,084
Lei, Yu	DHHS/NIH/National Institutes of Health	Non-invasive, Vertical-Flow, Paper-Based Cancer Biomarkers Detection Using Universal Protein Multi-Functional Outer Membrane Vesicles Platforms	10/12/2016	436,943
Cho, Yongku P	NSF/National Science Foundation	Genetically Engineered New Generation Multifunctional Signal Amplifiers	10/20/2016	328,952
Civil and Environmental Engineering			14 Proposals	\$8,684,914
Ivan, John N	National Academies/University of Michigan	Pedestrian and Bicycle Safety Performance Functions for the Highway Safety Manual	10/05/2016	184,000
Lownes, Nicholas	Connecticut Academy of Science and Engineering	Sustainability Strategies for Connecticut's Public Transportation System & Achieving a Zero Carbon Footprint for Bus Operations	10/12/2016	104,584
Konduri, Karthik C	San Diego Association of Governments/Cambridge Systematics	On-Call Land-Use, Transportation, and Socioeconomic Modeling and Forecasting Services	12/13/2016	0
Lownes, Nicholas	DOT/Federal Highway Administration	UConn 2017 National Summer Transportation Institute	12/12/2016	20,066
Wille, Kay	NSF/National Science Foundation/Reactive Innovations	Development of a Handheld Sensor to Detect Pyrrhotite in Concrete Structures	12/06/2016	65,288
Konduri, Karthik C	Atlanta Regional Commission/Cambridge Systematics	Model Development Technical Support: Population Synthesizer Revisions	12/01/2016	40,000
Konduri, Karthik C	DOT/Federal Highway Administration/University of Central Florida	Addressing Mobile Phone Usage Associated Distracted Behavior on Roadways for Drivers, Bicyclist and Pedestrians: A Naturalistic Data Oriented Behavior Modification Approach	10/14/2016	363,134
Chrysochoou, Maria	SESI Consulting Engineers	Laboratory Testing for Sediment Resuspension Mitigation	11/10/2016	6,763
Wang, Guiling	DOC/National Oceanic and Atmospheric Administration	Advancing Drought Understanding and Prediction Based on the Threshold Behavior of Temperature-Precipitation Relationships	10/31/2016	432,537
Agrios, Alexander G	NSF/National Science Foundation	Inorganic Selective Contacts for Stable Organometal Halide Perovskite Solar Cells	11/01/2016	344,830
Anagnostou, Emmanouil N	USAID/United States Agency for International Development/University of Jordan	Water Innovations Technologies	10/21/2016	6,057,178
Kim, Jeongho	DHHS/NIH/National Institutes of Health/New York University	Viscoelastic Modeling Aided Experimental Optimization toward Fracture-Resistant Porcelain-Veneered Zirconia and Lithium Disilicate Restorations	10/21/2016	666,534

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Li, Baikun	NSF/National Science Foundation	GOALI: WERF: Towards Energy-Saving Wastewater Treatment Through High-Fidelity Heterogeneity Profiling-Based Multiple-Zoning Control Methodology	10/20/2016	350,000
Shen, Xinyi	DOI/United States Geological Survey	Generating Water Cover Dynamics at Fine Spatiotemporal Resolution	11/17/2016	50,000
Computer Science and Engineering			28 Proposals	\$13,145,444
Duggirala, Parasara S	United Technologies-Corporate Headquarters	Testing Based Approaches for Validation and Verification of Cyber-Physical Systems	11/18/2016	96,922
Michel, Laurent D	Comcast Cable Communications Management	CSI Selected Projects 2016	11/11/2016	220,000
Shin, Dong	DHHS/NIH/National Institutes of Health	Digital Framework for Annotating Target Genes through Deep Pathway Analysis	12/29/2016	2,102,307
Khan, Mohammad M	NSF/National Science Foundation	SaTC: EDU: Emotion and Efficacy of Gamification: Application to Risk Communication and Persuasion in the Context of Safe Cyber Behavior	12/15/2016	299,409
Han, Song	NSF/National Science Foundation	SCH: INT: Collaborative Research: Classifying Neurological Gait Disorders using Scalable and Fast Machine Learning Analysis of Biosensing Data	12/08/2016	693,712
Shin, Dong	Connecticut Innovations/University of Connecticut Health Center	Patient-Specific iPS Cells as a Diagnostic Platform for Rare Disorders of the Skeleton	12/12/2016	312,500
Fuller, Benjamin	NSF/National Science Foundation/Wymsical	Digital Methods to Authenticate Physical Identity	12/06/2016	71,907
Michel, Laurent D	Comcast Cable Communications Management	Comcast Center of Excellence for Security Innovation - Center Operations	11/11/2016	420,000
Shin, Dong	DHHS/NIH/National Institutes of Health	Topology-Based Pathway Scoring System (TOPAS)	11/21/2016	474,350
Huang, Chun-Hsi	NSF/National Science Foundation	III: Small: Accelerating Transcriptional Analysis via an Integrated HPC Framework	11/16/2016	375,386
Bi, Jinbo	NSF/National Science Foundation	RI: Small: Multi-View Latent Class Discovery and Prediction with a Streamlined Analytics Platform	11/16/2016	493,584
Han, Song	NSF/National Science Foundation	CSR: Small: Collaborative Research: Network Resource Management in Multi-Cluster Wireless Networked Control Systems	11/16/2016	258,185
Michel, Laurent D	Comcast Cable Communications Management	Hardware Security Assessment for Comcast Devices	11/11/2016	360,000
Khan, Mohammad M	NSF/National Science Foundation	Small: A Scalable Plug-n-Play Performance Modeling Framework for Extensible Distributed Systems	11/16/2016	422,498
Russell, Alexander	NSF/National Science Foundation	NeTS: Small: Collaborative Research: Advanced Algorithmic Tools for Discovery in Cognitive Radio Networks	11/16/2016	250,000
Russell, Alexander	NSF/National Science Foundation	Small: Collaborative Research: New Developments in Information-Theoretic Cryptography	11/16/2016	250,000
Michel, Laurent D	NSF/National Science Foundation	Small: Model Combinators for Discrete Optimization	11/16/2016	492,426
Wang, Bing	NSF/National Science Foundation	Small: Collaborative Research: Innovating Internet Access on Connected Vehicles	11/16/2016	296,975
Wu, Yufeng	NSF/National Science Foundation	Computational Methods for Large-scale Inference of Population History	11/16/2016	489,703
Huang, Chun-Hsi	NSF/National Science Foundation	CRI Preproposal: II New: Enabling On-campus Peta-scale GPU-accelerated Computation	11/08/2016	
Huang, Chun-Hsi	NSF/National Science Foundation	CRI Preproposal: II New: Software-Defined Inter-Networking for Extreme-Scale Data Analytics	11/08/2016	
Han, Song	NSF/National Science Foundation	CRI Pre-Proposal: II-New: A Hybrid Software-defined Real-time Sensing and Control Network Testbed for Performance-critical Cyber-physical Applications	11/08/2016	0
Demurjian, Steven A	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	Asthma Neighborhood: Eliminating Disparities, Empowering Families	11/04/2016	117,652

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Russell, Alexander	NSF/National Science Foundation	SaTC: CORE: Medium: Collaborative: Theory and Practice of Cryptosystems Secure against Subversion	10/19/2016	300,000
Han, Song	NSF/National Science Foundation	WiFiUS: Software Defined Networking for Dynamic Resource Management in Industrial IoTs	10/17/2016	299,997
Demurjian, Steven A	DOE/Department of Energy/Loki Labs	Continuous Vulnerability Detection Platform for HPC Cybersecurity	10/14/2016	74,146
Pal, Soumitra	DHHS/NIH/National Institutes of Health	Hybrid Computational Techniques for Genome-Wide Association Study	10/12/2016	940,932
Rajasekaran, Sanguthevar	DHHS/NIH/National Institutes of Health	Novel Techniques for Healthcare Data Integration and Privacy	10/05/2016	3,032,853
Connecticut Transportation Institute			2 Proposals	\$993,709
Shea, Donna	CT Department of Transportation	Traffic Signal System Circuit Rider Program	11/11/2016	890,647
Mahoney, James M	DOT/Department of Transportation/CT Department of Transportation	Development of a Pavement Design Handbook and an Interactive Pavement	10/05/2016	103,062
Electrical and Computer Engineering			19 Proposals	\$5,857,526
Gokirmak, Ali	NSF/National Science Foundation	Phase Change Logic Elements	11/01/2016	431,198
Khan, Omer	NSF/National Science Foundation	CSR: Small: Efficient Many-Core Execution Models for Cognitive Computing	11/16/2016	408,573
Wang, Lei	NSF/National Science Foundation	Enabling Self-Sustained Sensing with Microorganism-Based Energy Harvesting	11/01/2016	421,977
Bazzi, Ali	DOD/NAVY/Office of Naval Research	Optimal Control and Reconfiguration of Naval Electric Propulsion Drives for Increased Efficiency and Availability	11/04/2016	546,170
Khan, Omer	NSF/National Science Foundation	Student Travel Support for the 2017 International Conference on Computer Design (ICCD)	10/27/2016	10,000
Jain, Faquir C	NSF/National Science Foundation	Cladded Quantum DOT Superdattic Channel for Novel Electronic, Photonics and Magnetic Devices	11/01/2016	356,277
Silva, Helena	NSF/National Science Foundation	GOALI: To understand crystallization and amorphization dynamics in phase-change memories by linking electro-thermal models, electrical experiments and TEM characterization	10/31/2016	482,894
Wang, Lei	NSF/National Science Foundation	Collaborative Research: Developing An In-Plant Sensing System for In-Situ Monitoring of CropsProtection of Crops from Environmental Stresses	10/31/2016	249,281
Zhang, Peng	DOE/Department of Energy/Amzur Technologies	OpenDEM DER Communications & Control (C&C) System	11/10/2016	152,372
Wang, Lei	NSF/National Science Foundation	CSR: Small: Enabling In-situ Signal Reconstruction for Self-Organizing Embedded Systems	11/16/2016	476,971
Wang, Lei	NSF/National Science Foundation	SHF: Small: Resource-efficient Signal Processing for IoT Applications from Algorithm to Hardware	11/15/2016	476,971
Bar-Shalom, Yaakov M	DOD/Air Force Research Laboratory	Highly-Maneuvering Low-Observable Target Extraction with OTHR	12/14/2016	754,954
Bazzi, Ali	NSF/National Science Foundation	NRT-IGE: Multidisciplinary Cohort-Thesis in Energy Systems: A Pilot Program	12/09/2016	0
Zhang, Liang	NSF/National Science Foundation	EAGER: Resilient Control Systems with respect to Instrumentation Attacks: Theory and Testbed Verification	12/13/2016	134,922
Cao, Yang	General Electric Company	Computation of Gas Dynamics and Measurement of Gas Temperature in Low Voltage Circuit Breakers	12/02/2016	100,000
Dutta, Abhishek	United Technologies-Corporate Headquarters	Analysis and Design of Cyber-Secure Systems: Hardware Authentication, Resilient Monitoring and Resilient Control	11/18/2016	467,956
Khan, Omer	United Technologies-Corporate Headquarters	Design Automation and Optimization Framework for Embedded Systems	11/18/2016	134,069
Dani, Ashwin	United Technologies-Corporate Headquarters	Learning Physics from Machines: Physics-Informed Machine Learning	11/18/2016	140,408

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Gupta, Shalabh	United Technologies-Corporate Headquarters	Supervisory Control Synthesis for Energy-Efficient BIS Chiller Plants	11/18/2016	112,533
Engineering Dean			3 Proposals	\$2,026,707
Wei, Mei	NSF/National Science Foundation	Integrated Modeling and Experimental Approaches for Design and Fabrication of Novel Bioresorbable Composites for Load-Bearing Bone Fixation Applications	10/20/2016	431,256
Wei, Mei	NSF/National Science Foundation	INSPIRE: Tunable Magnetic Nanoworm Platform for Enhanced Delivery of Therapeutic Payloads to Tumors	12/22/2016	1,000,000
Kazerounian, Kazem	NSF/National Science Foundation	RET Site: Joule Fellows: Research Experience for Teachers in Sustainable Energy Technologies	11/01/2016	595,451
Engineering Diversity Program			1 Proposals	\$33,000
Burkey, Daniel D	NSF/National Science Foundation	Collaborative Research: Experiential Process Safety Training for Chemical Engineers	11/01/2016	33,000
Materials Science and Engineering			21 Proposals	\$14,186,006
Alpay, Pamir	United Technologies-Aerospace Systems	UTAS Center for Excellence: Subproject: Quasicrystal-Strengthened Al Alloys for Structural Applications and Coatings	11/23/2016	411,911
Singh, Prabhakar	DOE/Department of Energy	Topic 2A: Durable, High-Performance Materials and Interfaces for Advanced Water Splitting	12/20/2016	0
Ramprasad, Ramamurthy	Toyota Research Institute	Rational Computation-Guided Design of Polymers	12/15/2016	581,406
Nakhmanson, Serge M	NSF/National Science Foundation	CDS&E: Computational Tools for Simulating Non-Linear Materials Behavior at Mesoscale	12/15/2016	302,992
Huey, Bryan	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Characterization and Mapping of Acoustic Radiation Force for Cell Therapy for Bone Repair	12/02/2016	270,427
Gao, Puxian	NSF/National Science Foundation/3D Array Technology	Ultralow PGM Loading Nano-Array/Wash-Coat Hybrid Oxidation Catalysts	11/30/2016	112,500
Lee, Seok-Woo	DOE/Department of Energy	Mechanical Properties of Metals at the Micrometer Scale in Different Environments	12/08/2016	410,149
Huey, Bryan	United States-Israel Binational Science Foundation/Technion Israel Institute of Technology	NSOM and CT-AFM to Improve Polycrystalline Solar Cell Performance	11/17/2016	100,007
Alpay, Pamir	DOD/Air Force Office of Scientific Research/Virginia Polytechnic Institute and State University	Theoretical Insight and Materials-by-Design for NATONS (Nanostructured Adaptive and Tunable Oxides-based Neural Synapse)	11/04/2016	930,628
Dongare, Avinash M	DOD/NAVY/Office of Naval Research	Unraveling the Potential of Phase Change Materials for RF and Neuromorphic Computing Applications	11/04/2016	510,000
Hebert, Rainer J	DOD/Navy/Naval Surface Warfare Center	Defect Detection, Rationalization, and Characterization for Additively Manufactured 316 Stainless Steel	10/31/2016	383,792
Huey, Bryan	NSF/National Science Foundation	Fundamental Approaches for Enhancing Polycrystalline Photovoltaics through Nanoscale Tomographic Performance Mapping	11/01/2016	409,535
Ramprasad, Ramamurthy	DOD/Department of the Navy	Tracking, Diagnosing and Arresting Dielectric Breakdown Using Multiscale Characterization and Simulations	11/10/2016	7,500,000
Gao, Puxian	NSF/National Science Foundation	SusChEM: Understanding Chemical and Structural Effects in Metal Oxide Nano-Array Catalysts for Low-Temperature Diesel Oxidation	10/20/2016	455,659
Singh, Prabhakar	LG Electronics	Chromium Evaporation	10/19/2016	31,000
Singh, Prabhakar	LG Electronics	Alloy Pre-Treatment	10/19/2016	26,000
Gao, Puxian	DOE/Department of Energy	Distributed Nano-array Architectures for In Situ, Real-time and Dynamic Interrogation of the Fuel Effects on Diesel Particulate Filter Regeneration	10/17/2016	600,000

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Singh, Prabhakar	DOE/Department of Energy/Forge Nano	Tailored Anodes for Direct Internal Reforming SOFCs	10/14/2016	75,000
Singh, Prabhakar	DOE/Department of Energy/UES	Low Cost High Entropy Alloy (HEA) Anode for Distributed Reforming and Prevention of Carbon Deposition in SOFC	10/14/2016	75,000
Gao, Puxian	NSF/National Science Foundation	Low-PGM loaded Titanium Oxide based Nano-array Monoliths for Ultra-Efficient and Robust Low Temperature Diesel Oxidation	10/11/2016	200,000
Gao, Puxian	DOE/Department of Energy	AOI [3] (Metal Oxide Nano-Array Integrated Monolithic Catalysts for Scalable and Selective Low Temperature and Low Pressure Thermochemical CO2 Utilization)	10/03/2016	800,000
Mechanical Engineering			40 Proposals	\$14,078,816
Cetegen, Baki	United Technologies-Pratt & Whitney	Studies on Premixed Reacting Jets in Vitiated Crossflow: Jet and Free Stream Turbulence Effects	12/28/2016	64,999
Pasaogullari, Ugur	DOE/Department of Energy	Topic 2B: Development of Best Practices in Materials Characterization and Benchmarking for Advanced Water Splitting Technologies	12/20/2016	0
Tasoglu, Savas	American Cancer Society	High-Throughput Image Cytometry: Real-Time Monitoring and Early Detection	10/17/2016	729,000
Tang, Jiong	NSF/National Science Foundation	EFRI NewLAW Preliminary Proposal: Dual-field electro-mechanical tailoring of acoustic wave propagation in structures enabled by additive manufacturing	12/21/2016	2,000,000
Cao, Chengyu	NSF/National Science Foundation	Cooperative Adaptation Enabled Intelligent Self-sustaining Surface-Underwater Robotic Networks	12/19/2016	503,850
Pierce, David M	DHHS/NIH/National Institutes of Health/University of Colorado, Boulder	Multiparametric Imaging of Functional Gradients as Biomarkers for Osteoarthritis	12/12/2016	1,351,029
Zhang, Dianyun	Ford Motor Company	An Experimentally Validated Constitutive Model for Fiber-Reinforced Rubber Hoses	12/12/2016	24,686
Nguyen, Thanh D	Connecticut Innovations	Biodegradable Self-Powered Electrical Stimulator for Stem-Cells Based Bone Regeneration	12/14/2016	198,359
Nguyen, Thanh D	Connecticut Innovations/University of Connecticut Health Center	Rapid Delivery of Small Osteogenic Molecules for Long Bone Fractures	12/07/2016	140,000
Nguyen, Thanh D	DOD/Army/Medical Research and Materiel Command	Force-Induced Rapid Nerve Regeneration	12/16/2016	497,258
Norato Escobar, Julian A	Colombian School of Engineering	Design and Optimization of Variable-Geometry Mechanical Components in Wind Turbines	12/01/2016	0
Tasoglu, Savas	Thrasher Research Fund	Low-Cost Standalone Diagnosis and Monitoring Tool for Children with Sickle Cell Disease	11/15/2016	262,099
Chen, Xu	DOD/NAVY/Office of Naval Research	Online Information Recovery and Controls with Gappy Data: Overcoming the Shannon-Nyquist Limitation in Naval Real-Time Applications	11/04/2016	507,195
Tang, Jiong	NSF/National Science Foundation	Electro-Magnetic Sensing	11/01/2016	246,879
Norato Escobar, Julian A	DOD/NAVY/Office of Naval Research	Computational Synthesis of Composable-Material Structures from Manufacturing-Friendly Primitives	11/04/2016	329,020
Pettes, Michael T	NSF/National Science Foundation	Uncovering Barriers to Reproducibility and Reliability in Two-Dimensional Nanoelectronics: The Role of Strain	10/28/2016	275,000
Pettes, Michael T	DOE/Department of Energy	Electronic Transport in Thermodynamically Stable and Unstable Two-Dimensional Materials at far from Mechanical Equilibrium Conditions	10/27/2016	375,000
Chen, Xu	NASA/National Aeronautics and Space Administration/University of Hartford	Using a Cylindrical Coordinate System to Facilitate Multi-Material 3D Printing	10/25/2016	5,000
Norato Escobar, Julian A	NASA/National Aeronautics and Space Administration/University of Hartford	Computational Design Method for Skin-Frame Habitats	10/25/2016	7,988

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Chiu, Wilson K	DOE/Department of Energy	Accessible Triple Phase Boundary Length: A Property to Characterize Reticulate Transport Pathways in Three-Dimensional Microstructures	12/19/2016	477,048
Sung, Chih-Jen	DOE/Lawrence Livermore National Laboratory	Experimental Data for Validation of Kinetic Mechanisms for Fuel Companies and Surrogates	11/15/2016	49,961
Zhao, Xinyu	American Chemical Society/Petroleum Research Fund	A Computational Study of the Lean Blow-off Mechanisms for Bluff-Body Stabilized Premixed Flames	10/21/2016	110,000
Fan, Tai-Hsi	NSF/National Science Foundation	High Throughput, Low Cost, Low Volume, and In Situ Measurement of Viscosity, Density, and Volatility on Biodiesel Blends	10/20/2016	330,442
Pierce, David M	DOD/Army Natick Soldier Center	Developing Biofidelic Models as Surrogates for Human Subjects in Protective Clothing and Individual Equipment and Augmentation Testing	11/01/2016	100,000
Pettes, Michael T	NSF/National Science Foundation	Collaborative Research: Thermal Conduction in Mesoporous Semiconductors	10/20/2016	175,000
Li, Ying	NSF/National Science Foundation	Self-Assembly of Core-Polyethylene Glycol-Lipid Shell Nanoparticles for Drug Delivery: In Silico and In Vitro	10/20/2016	410,109
Sung, Chih-Jen	NSF/National Science Foundation	Collaborative Research: Understanding Pollutant Formation Mechanisms in Oxygenated Bio-Derived Fuels for Cleaner Transportation Systems	10/20/2016	210,000
Lykotrafitis, George	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Is the Sickle Cell Trait Genotype an Explanatory Factor in Cancer Survival Disparities?	10/14/2016	188,345
Pasaogullari, Ugur	DOE/Department of Energy/Forge Nano	Highly Robust Low-PGM MEAs Based upon Composite Supports	10/14/2016	19,958
Sung, Chih-Jen	DOE/Department of Energy/University of South Carolina	Chemical Functional Group Definition and Quantifications by NMR Spectroscopy, Informing Fuel Physical and Chemical Property Informatics	10/13/2016	600,000
Lu, Tianfeng	DOE/Office of Energy Efficiency and Renewable Energy	Automated Development and Validation of Reduced Reaction Mechanisms for Engine Combustion	10/14/2016	765,364
Lu, Tianfeng	DOE/Office of Energy Efficiency and Renewable Energy	Micro-Liter Fuel Characterization and Property Prediction	10/13/2016	62,020
Cao, Chengyu	DOD/Navy/Naval Surface Warfare Center	Adaptive and Cooperative AUV Networks for Undersea Surveillance and Reconnaissance	10/31/2016	413,630
Cao, Chengyu	DOD/Navy/Naval Surface Warfare Center	Low Cost Multi-Tactical Autonomous Surface Nodes	10/31/2016	449,064
Chiu, Wilson K	NSF/National Science Foundation	Relating Three-Dimensional Form to Thermal Function in Metal Foam Structures	10/20/2016	302,783
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Bionic Self-Stimulated Cartilage	10/17/2016	638,000
Tasoglu, Savas	Connecticut Innovations	A Versatile and Low-Cost Bioprinter for Personalized Clinical Medicine	10/07/2016	30,000
Cetegen, Baki	NSF/National Science Foundation	Experimental Study of Turbulent Premixed Flames and their Lean Blowoff Characteristics Using Gaseous and Pre-Vaporized Liquid Fuels	10/18/2016	311,164
Tasoglu, Savas	DHHS/NIH/National Institutes of Health	Spatiotemporal Magnetic Control of Neurons in 3D Engineered Neural Tissues	10/17/2016	604,928
Nguyen, Thanh D	NSF/National Science Foundation	Bionic Force-Sensing Cartilage	10/20/2016	313,638
School of Fine Arts			1 Proposals	\$6,000
School of Fine Arts			1 Proposals	\$6,000
Meacham, Thomas	NEH/National Endowment for the Humanities/Folger Institute	Teaching Shakespeare to Undergrads	10/19/2016	6,000
School of Law			1 Proposals	\$149,600
School of Law			1 Proposals	\$149,600
Jimenez, Dalie	National Endowment for Financial Education	Financial Distress Research Project	12/06/2016	149,600
School of Nursing			13 Proposals	\$13,536,006

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
School of Nursing			13 Proposals	\$13,536,006
Starkweather, Angela R	DHHS/NIH/National Institute of Nursing Research/University of Florida	Elucidating the Metabolomic Signature of PN Symptoms in Breast Cancer	12/20/2016	291,319
Cong, Xiaomei	DHHS/NIH/National Institutes of Health	Multi-Omics Analysis of Pain/Stress Impact on Neurodevelopment in Preterm Infants	12/12/2016	2,985,405
Kim, Kyounghae	Sigma Theta Tau International (STTI)	Development and Piloting of the Perceived Attributes of Innovation in Patient-Centered Management of Chronic Pain (PAI-PCMCP) Scale	12/01/2016	5,000
Starkweather, Angela R	DHHS/NIH/National Institutes of Health	Pain Sensitivity in Low Back Pain	11/07/2016	1,606,873
Baumbauer, Kyle M	Neilsen (Craig H.) Foundation	Identification of Nociceptive Afferents that Contribute to SCI-Induced Pain	10/21/2016	300,000
Kim, Kyounghae	DHHS/NIH/National Cancer Institute	Developing and Piloting a Health Literate mHealth to Promote HPV Vaccine Uptake	10/14/2016	156,747
Cong, Xiaomei	American Association of Critical Care Nurses	Assessment and Management of Neonatal Abstinence Syndrome: A Bio-Genomic Pilot Study	10/12/2016	50,000
Starkweather, Angela R	DHHS/NIH/National Institutes of Health	Optimizing Chronic Low Back Pain Self-Management with Yoga	10/19/2016	2,646,835
Young, Erin E	DHHS/NIH/National Institutes of Health	Sex-Specific Genetic Determinants of IBS-Related Pain	10/05/2016	1,411,860
Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health	Optogenetic Targeting of Primary Afferent Populations to Alleviate SCI-Induced Pain	10/04/2016	1,975,476
Polifroni, Elizabeth C	DHHS/HRSA/Bureau of Health Professions	Diversity Strong: The 3R's	11/14/2016	1,986,410
Cusson, Regina	VentureWell	Healthcare Innovation Program	11/09/2016	30,000
Starkweather, Angela R	DHHS/NIH/Agency for Healthcare Research and Quality/DHHS/NIH/National Institute of Nursing Research	Enhancing Management of Pediatric Postsurgical Pain with Genetics	12/13/2016	90,081
School of Pharmacy			21 Proposals	\$6,225,478
Pharmaceutical Sciences			18 Proposals	\$5,841,056
Bogner, Robin H	MedImmune	Identifying the Causes for Long Reconstitution Times: Phase II. Exploring a Multi-Factorial Prediction Method	12/15/2016	60,000
Rasmussen, Theodore	Connecticut Innovations	Regulation of APO Genes by Long Non-Coding RNA	12/16/2016	200,000
Aneskievich, Brian J	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Intrinsic disorder and protein multi-functionality in keratinocyte intracellular signaling	10/03/2016	
Hadden, Kyle	American Cancer Society	Development of Posaconazole Analogues to Treat Hedgehog Dependent Cancers	10/17/2016	163,500
Wiemer, Andrew J	DHHS/NIH/National Cancer Institute	Synthesis and Biological Evaluation of HMBPP Phosphonate Analogs and Prodrugs	12/08/2016	172,926
Kendall, Debra A	DHHS/NIH/National Institute on Drug Abuse	Biochemical Analysis of Novel Cannabinoid Type 2 Receptor Agonists for Pain Treatment	12/08/2016	172,926
Hadden, Kyle	DHHS/NIH/National Cancer Institute	Development of Posaconazole Analogues to Treat Hedgehog Dependent Cancers	12/08/2016	113,760
Balunas, Marcy J	Hertz (Fannie and John) Foundation	Symbiotic Relationships between Trachymyrmex Septentrionalis Ants and Pseudonocardia Bacteria	12/01/2016	255,583
Wright, Dennis	BrightFocus Foundation/University of Connecticut Health Center	Novel IF Biomarker Probes for AMD	11/18/2016	15,822

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Aneskievich, Brian J	NSF/National Science Foundation	TNIP1 Protein Functional Diversity as a Repressor of Distinct Signaling Pathways	11/14/2016	691,533
Vinogradova, Olga	NSF/National Science Foundation	In-Vitro Studies of Src Kinase Mediated Integrin Signaling in Nanodiscs	11/16/2016	736,340
Pikal, Michael J	LFB USA	Impact of Antithrombin Process Changes and Analysis of Structural Changes	11/10/2016	105,000
Wright, Dennis	DHHS/NIH/National Eye Institute/University of Connecticut Health Center	Molecular Targets of Corneal Anti-Fibrosis	11/02/2016	44,577
Balunas, Marcy J	DHHS/NIH/National Institute of General Medical Sciences	Interrogating Secondary Metabolite Interactions in Host-Microbe Symbioses	11/04/2016	1,975,251
Wiemer, Andrew J	American Chemical Society	Herbicide Versus Immunological Activity of Small Organophosphorus Compounds	10/27/2016	250,000
Kendall, Debra A	DHHS/NIH/National Institutes of Health	Novel CB2 Selective Agonists: Can they Provide Enhanced Endocannabinoid-Like Cellular Responses?	10/28/2016	438,625
Bogner, Robin H	National Institute of Pharmaceutical Technology and Education	Development of NIPTE Industrial Training Program	10/20/2016	45,309
Lu, Xiuling	NSF/National Science Foundation	Understanding the Intracellular Distribution of Nanocarriers and the Delivered Drug for Physiology-Guided Nanomaterial Design and Evaluation	10/20/2016	399,904
Pharmacy Practice			3 Proposals	\$384,422
Wang, Fei	CT Department of Public Health	Best Practices in Tobacco Use Prevention and Control	11/21/2016	285,947
Buckley, Thomas E	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Connecticut Pharmacy WISEWOMAN Project	12/05/2016	60,000
Steckowych, Kathryn M	Community Pharmacy Foundation	Improving Community Pharmacy and Primary Care Communication: The Impact of a Proactive Notification Program for Medication Non-Adherence and Care Transitions	11/03/2016	38,475
School of Social Work			4 Proposals	\$447,188
School of Social Work			4 Proposals	\$447,188
Elsaesser, Caitlin M	DHHS/NIH/National Institutes of Health	The Co-Occurrence of Peer Victimization and Community Violence Exposure during Adolescence: A Mixed Methods Examination of Common Risk Factors	10/14/2016	158,000
Parr, Kathryn E	CT Department of Children and Families/University of Connecticut Health Center	SIB Evaluation Project	12/07/2016	161,774
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	Evaluation of ASIST	10/07/2016	27,414
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	Mental Health & Addiction Services Research Development Initiative	10/10/2016	100,000
Academic and Service Programs			9 Proposals	\$2,369,600
Health Services			1 Proposals	\$154,206
Lafleur, Kelley	CT Department of Public Health	Social Norms Interventions for Tobacco Control in College Students	11/21/2016	154,206
Provost & Exec VP Academic Affairs			1 Proposals	\$1,074,968
Choi, Mun	NSF/National Science Foundation	Bridge to Doctorate: Northeast LSAMP BD at the University of Connecticut	10/14/2016	1,074,968
Unassigned Department			3 Proposals	\$802,154
French, Rebecca A	DOC/National Oceanic and Atmospheric Administration	Development of Numerical and Community Capacity Building Tools to enhance Resilience in Connecticut's Economically Distressed Coastal Municipalities: An Evaluation of Flood Risk and Metrics for Adaptation Options in New London, CT	10/24/2016	255,535

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Luo, Yangchao	NSF/National Science Foundation	Development of Natural Biomaterials-Based Nanoparticles for Non-Invasive Liver-Targeting Oral Delivery of Lipophilic Compounds	10/28/2016	307,776
Heaslip, Aoife	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Molecular Mechanisms of Dense Granule Trafficking in Toxoplasma Gondii	12/08/2016	238,843
Undergraduate Education			1 Proposals	\$257,500
Ulloa, Susana	ED/Department of Education	Upward Bound Program	11/23/2016	257,500
University Libraries			1 Proposals	\$60,232
Howser, Michael R	CT Office of Policy and Management	Connecticut State Data Center	10/05/2016	60,232
VP Graduate Education & Dean			2 Proposals	\$20,540
Holsinger, Kent E	NSF/National Science Foundation	Dissertation Research: Using Integrative Methods to Understand the Ecological and Evolutionary Effects of Climate Change	10/13/2016	20,540
Holsinger, Kent E	NSF/National Science Foundation	NRT-IGE: ICP & Individualized Planning for Career Development and Professional Growth	11/23/2016	0
Vice President for Research			9 Proposals	\$1,740,544
Institute for Collaboration on Health, Intervention and Policy			7 Proposals	\$1,671,530
Butler, Lisa M	DHHS/NIH/National Institutes of Health	A Multi-Component Food Security and Behavioral Intervention to Improve Maternal-Child Health Outcomes Among Primiparous Young HIV-Infected Women in Uganda	10/07/2016	568,696
Butler, Lisa M	DHHS/NIH/National Institutes of Health/Massachusetts General Hospital	Factors Associated with Neurobehavioral Outcomes in HIV-Exposed School-Age Children in Botswana	12/13/2016	503,864
Schwartz, Marlene B	DHHS/NIH/National Institutes of Health/University of Pennsylvania	Communicating the Health Risks of Sugar-Sweetened Beverages	10/21/2016	227,139
Butler, Lisa M	DHHS/NIH/National Institute of Mental Health/Brigham and Women's Hospital	Randomized Controlled Trial of Standing Tall - A Community-Based Intervention to Improve Linkage, Retention and Health Outcomes for Newly Diagnosed HIV-Positive South African Youth	12/19/2016	70,049
Schwartz, Marlene B	Johnson (Robert Wood) Foundation	Updating the Wellness School Assessment Tool: WellSAT 3.0	10/10/2016	189,275
Schwartz, Marlene B	Johnson (Robert Wood) Foundation/Food Trust	The Role of the Emergency Food System in Promoting Health Equity and a Culture of Health	10/04/2016	49,982
Butler, Lisa M	DHHS/NIH/National Institute of Mental Health/University of California, San Francisco	Improving Uptake and Adherence to HIV Prevention Services with PrEP and HIV Self-Testing for HIV Negative High-Risk Young Women (Aged 15-24) in Kampala, Uganda	12/16/2016	62,525
Northeast Undersea Research Technology and Education Center			1 Proposals	\$18,036
Babb, Ivar G	Commonwealth Scientific and Industrial Research Organisation (CSIRO) - Australia	Fabrication Services for the Development of a Pair of 18-Quiver Sample Carousel Systems	12/23/2016	18,036
Sea Grant College Program			1 Proposals	\$50,978
Deguisse, Sylvain	Morris Animal Foundation	Cytokine Shift in Bottlenose Dolphins Following Exposure to Cetacean Morbillivirus (CeMV)	11/16/2016	50,978
University of Connecticut - Storrs & Regional			424 Proposals	\$186,082,493
School of Dental Medicine			18 Proposals	\$12,011,273
Craniofacial Sciences			4 Proposals	\$545,552

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Yadav, Sumit	American Association of Orthodontists Foundation	PTH mediated regulation of the chondrogenic lineage in the Mandibular Condylar Cartilage	12/01/2016	30,000
Chang, Joy	American Association of Orthodontists Foundation	Effects of sustained release of RANKL on orthodontic tooth movement	12/12/2016	5,000
Yadav, Sumit	Connecticut Innovations	Modulation of progenitor cells of the Mandibular Condylar Cartilage by PTH	12/13/2016	200,000
Yadav, Sumit	DHHS/NIH/National Institutes of Health	Role of PTH on the chondrogenic Lineage in Mandibular Condylar Cartilage	10/13/2016	310,552
Oral Health and Diagnostic Sciences			3 Proposals	\$4,914,513
Aseltine, Robert H	DHHS/NIH/National Institutes of Health	Improving the Identification of Patients at Risk of Suicide	10/28/2016	4,803,723
Tadinada, Satyashankara Aditya	DHHS/NIH/National Institutes of Health	Preliminary Safety Study of Botulinum Toxin for Treatment of Myofascial TMJD Pain	12/15/2016	48,247
Aseltine, Robert H	Renaissance Health Service Corporation	Utilization of Dental Imaging During the Past 20 Years - Part II	12/21/2016	62,543
Reconstructive Sciences			11 Proposals	\$6,551,208
Rowe, David W	DHHS/NIH/National Institutes of Health	Use of iPS-derived osteoblast and osteoclasts to discriminate between candidate genes obtained by WES as a...	11/14/2016	438,625
Rowe, David W	DHHS/NIH/National Institutes of Health	Target correction of dominant mutations of type 1 collagen causing severe OI	11/01/2016	3,371,741
Rowe, David W	OrteoPoniX	OrteoPoniX	10/18/2016	10,000
Dutra, Eliane H	Colgate Palmolive Company	The effects of Botox injection in alleviating temporomandibular joint disorder	11/29/2016	34,500
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	PTH resistance and marrow adipogenesis	12/01/2016	43,216
Kuhn, Liisa T	DHHS/NIH/National Institutes of Health	Engineering embryonic-like bone matrix for bone regeneration	12/05/2016	443,301
Maye, Peter F	Connecticut Innovations	Bone Regenerative using Pluripotent Stem Cell Derived Skeletal Progenitors	12/08/2016	750,000
Dutra, Eliane H	American Association of Orthodontists Foundation	Long-term effects of Botox injections into the muscles of mastication in the mandibular condylar cartilage	12/13/2016	20,000
Dealy, Caroline N	Connecticut Innovations	Understanding Stem Cell Responses in Mammalian Limb Regeneration	12/14/2016	750,000
Maye, Peter F	DHHS/NIH/National Institutes of Health	Digital Framework for Annotating Target Genes through Deep Pathway Analysis	12/22/2016	138,068
Kuhn, Liisa T	Connecticut Innovations	Translating Engineered Embryonic Bone Matrix to a Bone Healing Product	12/14/2016	551,757
School of Medicine			159 Proposals	\$113,574,972
Calhoun Cardiology Center - CCC			3 Proposals	\$455,870
Hinson, John Travis	DHHS/NIH/National Institutes of Health	Metabolic and developmental regulation of AMPK in PRKAG2-associated cardiomyopathy. Parent Log #20160174. Award No. 5K08HL125807-04	10/11/2016	177,120
Hinson, John Travis	Connecticut Innovations	Single-Cell Resolution of Cardiac Remodeling and Regeneration in Human Cardiac Tissues Using Drop-Seq	12/13/2016	200,000
Hinson, John Travis	DHHS/NIH/National Institutes of Health	Characterizing Functional Regulatory Elements Required for Heart Development via 3D Chromatic Organization	12/19/2016	78,750
Cell Biology			24 Proposals	\$15,338,643
Terasaki, Mark R	DHHS/NIH/National Institutes of Health	Role of glial cells in normal and abnormal central sound processing	11/17/2016	159,500
Rodriguez-Oquendo, Annabelle	Health Resources in Action (HRiA)	Immune Checkpoint Inhibition and Atherosclerosis	10/03/2016	140,000
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Endocytic Regulation of Inflammation (Anisha Lewis)	10/03/2016	60,291
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Immune Evasion in Embryonic Stem Cell-based Tissue Repair and Transplantation (Danica Anukam)	10/03/2016	60,291

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Jaffe, Laurinda	ImpactAssets	Physiological Functions of the NPR2 Guanylyl Cyclase	12/21/2016	278,956
Loew, Leslie M	DHHS/NIH/National Institutes of Health	High sensitivity voltage sensitive dyes for photoacoustic sensing of brain electrical activity	12/21/2016	1,996,383
Shapiro, Linda H	Connecticut Children's Medical Center	Shapiro Research Support. Award No. 17-010226-05	12/14/2016	76,948
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Sphingosine-1-Phosphate Pathway Based Therapy for Neuroblastoma. Parent Log # 20110707(Dr. Ferrer) Award No. 4R01CA168903-05 Revised	12/13/2016	345,402
Dodge-Kafka, Kimberly L	DHHS/NIH/National Institutes of Health	Anchored Phosphatase and Transcription Factor Regulation in the heart. Parent Log # 20150140	12/08/2016	387,950
Dodge-Kafka, Kimberly L	DHHS/NIH/National Institutes of Health	Anchored Phosphatase and Transcription Factor Regulation in the heart. Parent Log # 20150140	12/08/2016	144,988
Loew, Leslie M	DHHS/NIH/National Institutes of Health	Imaging in vivo neurotransmitter modulation of brain network activity on realtime	12/05/2016	17,345
Shapiro, Linda H	DHHS/NIH/National Cancer Institute	Identifying and Targeting Neuroblastoma Escape Mechanisms to Sphingolipid-Differentiating Agent Based Therapy	11/23/2016	3,348,221
Mehlmann, Lisa M	ImpactAssets	Role of Gpr3 in the Acquisition of Meiotic Competence and in Maintain Meiotic Arrest. Parent Log # 20150112	10/03/2016	27,634
Loew, Leslie M	NSF/National Science Foundation	Collaborative Research: Modeling Spatiotemporal Control of EGFR-ERK Signaling in Gene-edited Cell Systems	11/14/2016	320,342
Vera-Licona, Martha Paola	DHHS/NIH/National Institutes of Health	A novel approach to Early Diagnosis Discovery in a Diverse Murine model of Anthracycline Cardiotoxicity using the Collaborative Cross (CC) mice	11/09/2016	49,067
Mehlmann, Lisa M	DHHS/NIH/National Institutes of Health	Cytoplasmic Maturation in Mouse Oocytes	10/25/2016	1,972,973
Pachter, Joel	DHHS/NIH/National Institutes of Health	Regulation of CNS leukocyte extravasation	10/24/2016	2,505,436
White, Bruce A	ImpactAssets	The Regulation of Lactate Metabolism by Epithelial-Mesenchymal Transition (EMT). Parent Log # 20150114	10/21/2016	15,646
Yue, Lixia	DHHS/NIH/National Institutes of Health	Functional Analysis of the Bifunctional Ion Channel and Kinase TRPM	10/18/2016	150,000
Loew, Leslie M	DHHS/NIH/National Institutes of Health	Nerve-Sparing Robot-Assisted Radical Prostatectomy Using Neuromodulation-Based Nerve Localization for	10/14/2016	78,316
Fong, Guo-Hua	DHHS/NIH/National Institutes of Health	Molecularly Regulated Release of Angiogenic Factors for Superporous Hydrogels. Parent Log # 20140700. Award No. S:5275-UHC-DHHS-2311/Prime: R01HL122311	10/13/2016	106,458
Epstein, Paul	Smart Family Foundation	Targeting PDE8 for Treatment of Autoimmune Diseases	10/11/2016	25,000
White, Bruce A	DHHS/NIH/National Institutes of Health	Alcohol Metabolism and the Divergent Risks for Breast Cancer Subtypes	10/03/2016	427,760
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Biomarkers and treatment of renal injury in newborns with congenital urinary anomalies	10/03/2016	2,643,736
Center for Quantitative Medicine			1 Proposals	\$177,222
Konstorum, Anna	DHHS/NIH/National Institutes of Health	Multiscale modeling of synergistic T cell activation for cancer immunotherapy	11/28/2016	177,222
Center for Vascular Biology			3 Proposals	\$2,358,170
Han, David K	Connecticut Innovations	Therapeutic Antibodies Targeting Breast Cancer Stem Cells	12/14/2016	200,000
Caromile, Leslie A	DHHS/NIH/National Institutes of Health	Therapeutic Targeting of Signal Transduction Pathways in PC	10/24/2016	159,500
Han, David K	DHHS/NIH/National Institutes of Health	Immune Regulation of Remyelination in Multiple Sclerosis	10/04/2016	1,998,670
Community Medicine and Health Care			11 Proposals	\$5,555,766

* 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
Bruder, Mary	ED/Department of Education	National Center for Early Childhood Personnel. Parent Log # 20120533 Award No. H325B120004 - 16	11/28/2016	1,200,000
Bruder, Mary	DHHS/HRSA/Health Resources and Services Administration	Parent to parent support and care coordination for parents of preschool age children with ASD in Hartford, CT	11/17/2016	900,000
Gelbar, Nicholas	Special Olympics Connecticut	Special Olympics Connecticut MOA.	11/10/2016	42,554
Kuo, Chia-Ling	DHHS/NIH/National Institutes of Health	A Novel Approach to Early Diagnosis Discovery in a Diverse Model of Anthracycline Cardiotoxicity Using the Collaborative Cross (CC) Mice	11/02/2016	105,119
Durante, Amanda J	Associaton for Prevention Teaching and Research	Inter-professional management of tuberculosis in an undocumented individual: challenges and strategies	10/24/2016	6,000
Kuo, Chia-Ling	DHHS/NIH/National Institutes of Health	Asthma Neighborhood: Reducing Disparities, Empowering Families	10/21/2016	1,270,524
Swede, Helen	DHHS/NIH/National Cancer Institute	Is the Sickle Cell Trait Genotype an Explanatory Factor in Cancer Survival Disparities?	10/17/2016	445,849
Durante, Amanda J	DHHS/CDC/Centers for Disease Control and Prevention	Infectious Disease Epidemiology Services: Public Health Surveillance & Monitoring, Advance Epidemiology	12/21/2016	41,789
Ungemack, Jane A	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	ASSERT Youth Coordinator	12/07/2016	530,313
Ungemack, Jane A	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	ASSERT Performance Assessment	12/07/2016	387,388
Schensul, Stephen L	DHHS/NIH/National Institute of Mental Health	Alcohol and ART Adherence: Assessment, Intervention and Modeling in India	11/29/2016	626,230
Dermatology			5 Proposals	\$121,510
Strober, Bruce	AbbVie Pharmaceuticals	Fellowship Support	12/15/2016	50,000
Strober, Bruce	American Academy of Dermatology	AAD Residents Travel and Housing Assistance Program	12/15/2016	3,000
Strober, Bruce	Janssen Pharmaceutica	Fellowship Support	12/15/2016	50,000
Strober, Bruce	Amgen	"Exploring Effective use of the PSI in Clinical Care Settings" Protocol #HRA 2321A	11/17/2016	2,570
Strober, Bruce	AbbVie Pharmaceuticals	2017 AbbVie Grant for Dermatology Residents to use for Travel and Housing Assistance for the AAD Annual Meeting. Award No. 29194	10/26/2016	15,940
Family Medicine			1 Proposals	\$157,492
Agresta, Thomas P	DHHS/NIH/National Institutes of Health	The Asthma Neighborhood: Eliminating Disparities, Empowering Families	10/24/2016	157,492
Genetics and Developmental Biology			13 Proposals	\$10,360,068
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	Monitoring Variation in Mixtures of Long RNAs with End-to-End RT Sequencing	11/04/2016	786,990
Li, Yuanhao	DHHS/NIH/National Institutes of Health	Conserved regulation of cerebellar Bergmann glia and neocortical basal radial glia	11/01/2016	2,439,598
Gunzl, Arthur	DHHS/NIH/National Institutes of Health	RNA Metabolism in Trypanosomes. Parent Log #20150025	10/31/2016	142,993
Chamberlain, Stormy J	DHHS/NIH/National Institutes of Health	Regulation of UBE3A genomic printing	10/31/2016	2,641,899
Pinter, Stefan F	DHHS/NIH/National Institutes of Health	Mechanisms of escaping X chromosome inactivation and translation to X-linked disease	10/25/2016	1,972,970
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	High throughput validation of functional variants that affect pre-mRNA splicing. Parent Log # 20150115 Award No. 5R21HG008799-02	10/11/2016	199,375
Rogina, Blanka	DHHS/NIH/National Institutes of Health	Investigating the Molecular Mechanisms of Caloric Restriction	11/09/2016	438,625
Lalande, Marc E	Prader-Willi Syndrome Association	Models of PWS in rhesus monkey embryonic stem cells	11/15/2016	107,604

* 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
Rogina, Blanka	Connecticut Innovations	Use of Human Induced Pluripotent Stem Cells derived neurons to study the role of SLC13A5 mutations in ...	12/08/2016	200,000
Young, Erin	DHHS/NIH/National Institute of Mental Health	Center for Accelerating Precision Pain Self-Management	12/09/2016	30,014
Pinter, Stefan F	Connecticut Innovations	Safeguarding against Inactive X Erosion in Human Pluripotency	12/09/2016	200,000
Lalande, Marc E	Connecticut Innovations	UConn-Wesleyan Stem Cell Core	12/13/2016	1,000,000
Germain, Noelle	Connecticut Innovations	Using single cell sequencing of pluripotent stem cell-derived cerebral organoids to characterize population structure...	12/13/2016	200,000
Immunology			10 Proposals	\$6,995,737
Adler, Adam J	DHHS/NIH/National Institutes of Health	Characterization of a Novel Castration-Resistant Metastatic Prostate Cancer Model for Dual Costimulation Immunotherapy	10/27/2016	1,794,375
Rathinam, Vijay	Hood (Charles H.) Foundation	Inflammatory Mechanisms in Enteric Bacterial Disease	10/21/2016	75,000
Khanna, Kamal	DOD/Department of Defense	Mechanisms and Therapeutic Implications of the Pregnane X Receptor Targeting Indole Bacterial Metabolites in Inflammatory Bowel Disease	10/12/2016	1,184,515
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	IRAK4 and Sytemic Lupus Erythematosus	10/07/2016	398,750
Zhou, Beiyan	DHHS/NIH/National Institutes of Health	A novel mechanism of micro RNA regulated adipose tissue B cell function in obesity	10/31/2016	1,972,974
Zhou, Beiyan	Connecticut Innovations	microRNA regulated myelopoiesis in obesity	12/14/2016	200,000
Zhou, Beiyan	Connecticut Innovations	Epigenetic impact of obesity on adipose tissue mesenchymal stem cells	12/13/2016	750,000
Wang, Kepeng	Connecticut Innovations	The role of IL-17-mediated inflammation in colorectal cancer stem cell development	12/13/2016	200,000
Vella, Anthony T	DHHS/NIH/National Institutes of Health	Agumenting T-Cell Responses of VLV-Based HBV Vaccines with Co-stimulatory Molecules	12/21/2016	103,675
Matson, Adam	DHHS/NIH/National Institutes of Health	Multi-Omics Analysis of Pain/Stress Impact on Neurodevelopment in Preterm Infants	11/18/2016	316,448
Medicine			35 Proposals	\$36,028,269
Trestman, Robert L	Gilead Sciences	HIV and Hepatitis Screen in CT State Jails	12/22/2016	293,080
Villagra, Victor	Connecticut Health Foundation	Equal Coverage to Care Coalition (EC2C)	12/20/2016	156,032
Rosenberg, Daniel W	Connecticut Innovations	Microbial-epithelial cross-talk modulates UC phenotype via DNA methylation of colon stem cells	12/16/2016	750,000
Kuchel, George A	DHHS/NIH/National Institutes of Health	Targeting Aging with Metformin: TAME	12/15/2016	4,817,700
Heinen, Christopher D	Connecticut Innovations	Adult Stem Cell Derived Organoids as a Model to Study Pre-Cancerous Intestinal Cells	12/14/2016	750,000
Hansen, Marc F	Connecticut Innovations	Modeling craniofacial osteosarcoma in neural crest stem cells	12/13/2016	1,000,000
Ferris, Ann	CT Department of Public Health	State Public Health Actions . Parent Logs# 20130245 and 20130246	12/09/2016	1,384
Radolf, Justin D	DHHS/NIH/National Institutes of Health	RpoS Regulationo f Borrelia burgdorferi Genes in vivo. Parent Log # 20120487	12/08/2016	530,238
Dieckhaus, Kevin D	CT Department of Public Health	Treatment Adherence/Med Case Management	12/07/2016	2,431,984
Chhabra, Arvind	Connecticut Innovations	Generation of Functional Antigen Presenting Cells (APC) From Induced Pluripotent Stem Cell (iPSC) Lines of Young...	12/06/2016	750,000
Lo, Wai Hong	Connecticut Innovations	Rapid Delivery of Approved Small Molecules for Regenerating Long Bone Fractures	12/05/2016	750,000

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

Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Lo, Wai Hong	Connecticut Innovations	Biodegradable self-powered electrical stimulator for stem-cells based bone regeneration	12/05/2016	83,845
Hansen, Marc F	DHHS/NIH/National Institutes of Health	Therapeutic Approaches Targeting Impaired Endosomal Degradation Osteosarcoma	11/29/2016	1,993,750
Andemariam, Biree	University of North Carolina, Chapel Hill	TEAM Sickle Cell: Transitioning Emerging Adults with Sickle Cell Using eHealth Intervention Models	11/21/2016	175,000
Heinen, Christopher D	DHHS/NIH/National Institutes of Health	Predicting Vulnerabilities in Mismatch Repair-Defective Intestinal Cells	11/16/2016	2,686,200
Hurley, Marja	DHHS/NIH/National Institutes of Health	FGF2Isoforms in Bone and Phosphate Homeostasis	11/16/2016	1,993,750
Cherniack, Martin G	NSF/National Science Foundation	Advanced Medico-technical Partnership in Prosthetics from UConn and Travelers (AMPPUT)	11/14/2016	999,927
Rosenberg, Daniel W	Thetis Pharmaceuticals	Treatment with novel Thetis n-3 PUFA compounds, TP-252 (EPA) to test regression of adenomatous polyps. Parent Log # 20150708	11/10/2016	25,727
Kim, Insoo	Magna	Pilot Study on Driver's Cognitive Loads and Drowsiness Monitoring	11/09/2016	111,393
Dugan, Alicia	DHHS/CDC/National Institute for Occupational Safety and Health	Developing an integrated workplace health protection/health promotion program to improve the health of social services	11/04/2016	45,342
Kuchel, George A	DHHS/NIH/National Institutes of Health	Identification and interpretation of chromatin changes associated with the aging of human immune cells	11/03/2016	69,678
Andemariam, Biree	CT Department of Public Health	Sickle Cell Disease and Trait Community Outreach Program	11/03/2016	21,364
Petry, Nancy M	DHHS/NIH/National Institutes of Health	A psychotherapy development study for a new addictive disorder	10/31/2016	438,625
Wasser, Jeffrey	Pfizer	"A Phase 1, Open-Label, Dose Escalation Study of PF-04518600 as a Single Agent and in Combination with PF-05082566 in Patients with Selected Locally Advanced or Metastatic Carcinomas"	10/31/2016	465,687
Oncken, Cheryl	DHHS/NIH/National Institutes of Health	Electronic Cigarette Use During Pregnancy	10/26/2016	3,961,307
Robison, Julie	CT Department of Social Services	Planning & Demo. Grant for Testing Exp. & Functional Tools in Comm-Based Long Term Services & Supports (TEFT). Parent Log # 20160417 Award No. 124130 (Amendment 1)	10/21/2016	268,942
Villagra, Victor	Connecticut Health Foundation	Equal Coverage to Care Coalition (EC2C)	10/19/2016	25,000
Hurley, Marja	DHHS/NIH/National Institutes of Health	Modulators of Bone Regeneration in Mice	10/14/2016	1,993,750
Dieckhaus, Kevin D	DHHS/HRSA/Health Resources and Services Administration	Preventive Medicine Residencies: Travel Medicine Rotation. Parent Log # 20140649 Award No. Prime D33HP26994	10/12/2016	32,000
Kuchel, George A	DHHS/NIH/National Institutes of Health	Physician Resilience: Indicators and Mechanisms in the Elderly (PRIME Collaborative)	10/11/2016	219,447
Trestman, Robert L	DHHS/CDC/Centers for Disease Control and Prevention	Subcontract for services pursuant to the provision of the CMHC HIV prevention program in CDOC. Parent Log # 20120909. Award No. DPH Log# 2013-0115-2	10/07/2016	514,273
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Reducing drinking in methadone patients	10/06/2016	3,874,591
Fortinsky, Richard	DHHS/NIH/National Institutes of Health	Community Ambulation Following Hip Fracture. Parent Log # 20091028 Award No.S:101855A / Prime: AG035009	10/05/2016	320,221
Oncken, Cheryl	DHHS/NIH/National Institutes of Health	Sustained release bupropion for smoking cessation during pregnancy	10/05/2016	1,443,736
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health	The Role of Methyl Donor in Cancer Risk	10/04/2016	2,034,296
Molecular Biology & Biophysics			6 Proposals	\$1,272,845
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Genetics of HSV DNA Replications. Parent Log #20130143. Award No. 5R01AI021747-32	10/06/2016	641,362

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Paul, Bibbin	Marsha Rivkin Center for Ovarian Cancer Research	SideroflecN4: a novel regulator of iron metabolism in ovarian cancer	11/17/2016	75,000
Setlow, Peter	DOD/Defense Threat Reduction Agency	Testing of New Agent Defeat Formulations to Kill Bacterial Spores and Determination of Kill Mechanisms. Parent Log # 20140241 Award No.HDTRA1-15-1-0008 Amendment P0002	11/23/2016	349,581
Setlow, Peter	DOD/Department of Defense	Metabolic Activities in Dormant Spores of Bacillus Species. Parent Log # 20150273 Award No. W911NF-16-1-0024 Amendment P0001	12/01/2016	75,000
Klobutcher, Lawrence A	Moore (Gordon and Betty) Foundation	Genetic Manipulation of Marine Ciliates. Parent Log # 20150267. Prime Award No. # 4986	12/07/2016	11,902
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Developing Multi-targeting Antiviral Agents Against Herpes Simplex 1	12/22/2016	120,000
Neurology			1 Proposals	\$543,568
Wolfson, Leslie I	DHHS/NIH/National Institutes of Health	Intensive Blood Pressure Reduction to Lessen Functional Decline	12/08/2016	543,568
Neuroscience			11 Proposals	\$6,910,517
Yeh, Mason L	DHHS/NIH/National Institutes of Health	Role of endocannabinoids in effects of prenatal ethanol on cortical development	11/30/2016	168,198
Antic, Srdjan D	Connecticut Innovations	Schizophrenia Biomarkers-Based on Electrical Activity	12/12/2016	750,000
Levine, Eric S	Connecticut Innovations	Therapeutic potential of targeting UBE3A in Angelman syndrom	12/12/2016	200,000
Mohan, Royce	BrightFocus Foundation	Novel IF Biomarker Probes for AMD	11/17/2016	160,000
Trakhtenberg, Feliks	BrightFocus Foundation	The molecular mechanisms of optic nerve regeneration	11/15/2016	150,000
Mohan, Royce	DHHS/NIH/National Eye Institute	Molecular Targets of Corneal anti-fibrosis	11/04/2016	2,282,823
Bernstein, Leslie	DOD/Navy/Office of Naval Research	Behavioral Measures of the Precision of Coding on Interaural Temporal Disparities in Human Listeners. Parent Log # 20150035. Award No. N00014-15-1-2140 / Mod. #P00002	10/26/2016	375,149
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Transcriptional regulators of the developmental loss of retinal ganglion cell's intrinsic axon growth and regeneration capacity	10/11/2016	438,625
Crocker, Stephen J	DHHS/NIH/National Institutes of Health	Regulation of Microgliosis in Globoid Cell Leukodystrophy	10/11/2016	1,989,845
Trakhtenberg, Feliks	Connecticut Innovations	Gene therapy for axonal optic nerve tissue regeneration	12/12/2016	200,000
Antic, Srdjan D	DHHS/NIH/National Institutes of Health	Connexin Channels in Human Neurons. Parent Log # 20150124. Award No. 5R21MH104775-02	10/11/2016	195,877
Obstetrics and Gynecology			3 Proposals	\$343,014
Brewer, Molly A	DHHS/NIH/National Institutes of Health	Mechanisms Driving Cortical Cytoskeleton Dynamics in Cancer Cell Invasion	10/13/2016	113,014
Nold, Christopher	Connecticut Innovations	The Use of Amniotic Fluid Mesenchymal Stem Cells to Prevent Preterm Birth	12/13/2016	200,000
Campbell, Winston A	Connecticut Innovations	Non-Invasive Cerclage (Dr. Townsel)	10/31/2016	30,000
Orthopaedic Surgery			16 Proposals	\$10,707,596
Nukavarapu, Syam	DHHS/NIH/National Institutes of Health	Unique Matrix Platform for an Integrated Bone-Cartilage Interface Regeneration	10/17/2016	1,974,149
Laurencin, Cato	NSF/National Science Foundation	EFRI Research Experience and Mentoring	11/10/2016	99,156
Laurencin, Cato	DHHS/NIH/National Institutes of Health	Osteomimetic phosphate graphene as cell-instructive scaffolds for bone regeneration	10/12/2016	117,264
Laurencin, Cato	DHHS/NIH/National Institutes of Health	Bionic Self-Stimulated Cartilage	10/12/2016	121,519
Zanotti, Stefano	DHHS/NIH/National Institutes of Health	role of Notch in Intervertebral Disc Degeneration	10/06/2016	438,625

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Arciero, Robert A	DOD/Department of Defense	Surgical Timing and Rehabilitation for Multiple Ligament Knee Injuries: A Multicenter integrated Clinical Trial...	11/16/2016	63,641
Kumbar, Sangamesh G	DOD/Department of Defense	Enhancement of nerve regeneration through co-delivery of factors and stem cells from tissue engineered nerve...	11/17/2016	400,000
Kumbar, Sangamesh G	DOD/Department of Defense	Multi-channel Nerve Guidance Conduits Functionalized with Schwann Cells Derived Extracellular Matrix for...	11/17/2016	120,000
Khan, Yusuf M	DHHS/NIH/National Institutes of Health	Mechanically Stimulated Cell Therapy for Bone Repair	12/07/2016	1,958,534
Kumbar, Sangamesh G	Connecticut Innovations	Ionically Conducting Grafts for the Delivery of Stem Cells and Electric Stimulus for Peripheral Nerve Regeneration	12/07/2016	200,000
Nukavarapu, Syam	Connecticut Innovations	A Novel Matrix System for Bedside Tissue Engineering Using Patient-derived Biomaterial and Stem Cells	12/09/2016	749,907
Canalis, Ernesto	DHHS/NIH/National Institutes of Health	The Skeleton of Lateral Menigocele Syndrome	12/09/2016	2,381,567
Guzzo, Rosaria	Connecticut Innovations	Development of a novel cell based assay for drug screening in primary progressive multiple sclerosis	12/12/2016	750,000
Laurencin, Cato	DHHS/NIH/National Institutes of Health	A Translational Approach Towards Ligament Regeneration	12/16/2016	353,191
Kumbar, Sangamesh G	DOD/Department of Defense	Biomimetic Nanofibrous Constructs for Enhancing Bone Regeneration	10/14/2016	958,043
Khan, Yusuf M	DOD/Department of Defense	Functionalized allograft for large scale bone defect healing. Parent Log #20120494	10/21/2016	22,000
Pediatrics			9 Proposals	\$4,868,256
Tang-Schomer, Min	NSF/National Science Foundation	Micro-mechanical Analysis of Evolving Heterogeneity in 3D Normal and Tumorigenic Tissues	12/22/2016	120,311
Salazar, Juan C	CT Department of Public Health	TBD	12/20/2016	291,270
Germain-Lee, Emily L	DHHS/FDA/Food and Drug Administration	Albright Hereditary Osteodystrophy: From Natural History to Therapeutic Advancement	10/11/2016	636,285
Cloutier, Michelle	DHHS/NIH/National Institutes of Health	The Asthma Neighborhood: Eliminating Disparities, Empowering Families	11/02/2016	458,327
Matson, Adam	DHHS/NIH/National Institutes of Health	Regulation of Neonatal Dendritic Cells by Bystander FcRI Activation	11/07/2016	455,244
Sayej, Wael	DHHS/NIH/National Institutes of Health	Utilizing a biomimetic system to characterize and investigate the role of esophageal epithelial cells in eosinophilic...	11/10/2016	456,823
Finck, Christine M	Connecticut Innovations	Investigating the Use of Amniotic Fluid as a Source of Mesenchymal Stem Cells for Esophageal Replacement and Their Role	12/07/2016	750,000
Germain-Lee, Emily L	Connecticut Innovations	Patient-specific iPS cells as a diagnostic platform for rare disorders of the skeleton	12/08/2016	1,500,000
Tang-Schomer, Min	Connecticut Innovations	Towards Brain Tissue Regeneration: Development of Functional Neuronal Circuits with Induced Pluripotent Stem Cell...	12/15/2016	199,996
Psychiatry			3 Proposals	\$10,263,584
Ginsburg, Golda S	DHHS/NIH/National Institutes of Health	2/2 Unifield Treatment of Adolescent Emotional Disorders in Community Clinics	12/13/2016	395,838
Grasso, Damion	DHHS/NIH/National Institutes of Health	Early Life Mechanisms of Intergenerational Transmission of Trauma-Related Risk in Offspring: Epigenetic and	10/25/2016	438,625
Hesselbrock, Victor	DHHS/NIH/National Institutes of Health	Etiology and Treatment of Alcohol Dependence	12/05/2016	9,429,121
Surgery			4 Proposals	\$1,116,845
Stevenson, Christina	Komen (Susan G.) Breast Cancer Foundation	Community Breast Navigation in the Greater Hartford Area	11/28/2016	64,999

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Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	In Vivo Evaluation of Biomatrix Coatings for Glucose Sensors. Parent Log # 20130278	10/05/2016	47,900
Sarfarazi, Mansoor	Connecticut Lion's Eye Research Foundation	Post-Exome Sequencing of Inherited Forms of Glaucoma (Phase II)	10/04/2016	10,000
Kreutzer, Donald L	Helmsley (Leona M. and Harry B.) Charitable Trust	Understanding Insulin Infusion Induced Tissue Injury and Developing New Therapies/Devices	10/12/2016	993,946
Other UConn Health			2 Proposals	\$307,682
Other UConn Health			2 Proposals	\$307,682
Adamson, Scott	DHHS/NIH/National Institutes of Health	High-Throughput Validation of Functional Variants that Affect pre-mRNA Splicing	12/02/2016	131,019
Posner, Russell D	DHHS/NIH/National Institutes of Health	The Changing Role of miRNA-mediated Gene Regulation in the Course of Cell Differentiation	11/29/2016	176,663
University of Connecticut Health			179 Proposals	\$125,893,927
Grand Total			603 Proposals	\$311,976,420

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Report for Quarter Ending: 12/31/2016

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Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
College of Agriculture, Health and Natural Resources			36 Proposals	\$6,648,005
Agricultural and Resource Economics			2 Proposals	\$458,294
Dunn, Richard A	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/Pacific Institute for Research and Evaluation (PIRE)	Drunk Driving with Children: Putting the Brakes on a Disturbing Trend	10/07/2016	46,273
Fiala, Nathan	International Initiative for Impact Evaluation	Smallholder Market-led Project (SMLP)	11/25/2016	412,021
Animal Science			4 Proposals	\$518,887
Amalaradjou, Mary Anne R	DHHS/NIH/National Institutes of Health	Linking Probiotics and Epigenomic Reprogramming in Combating Chronic Inflammation	10/17/2016	422,574
D'Amico, Dennis	National Dairy Council	Determining the Efficacy of a Novel Glycolipid to Control Listeria Monocytogenes Contamination Throughout the Production and Storage of High-Risk Cheese	12/09/2016	20,766
D'Amico, Dennis	National Dairy Council	Inactivation of Listeria Monocytogenes on Hispanic-Style Cheeses Using In-Package Water Bath Heat Treatments	12/09/2016	35,991
D'Amico, Dennis	Walker (George) Milk Research Fund	Determining the Efficacy of Commercial Protective Cultures for the Control of Salmonella and Shiga-Toxin Producing Escherichia Coli in Raw Milk for Cheesemaking	11/07/2016	39,556
Extension			10 Proposals	\$662,341
Arnold Jr, Chester L	DOC/National Oceanic and Atmospheric Administration	Bridging the "Capacity Gap"for Connecticut Coastal Communities	10/24/2016	257,847
Dickson, David	EPA/Long Island Sound Office/CT Department of Energy and Environmental Protection	Nitrogen Outreach Along the Connecticut Coast	11/11/2016	28,000
Dietz, Michael E	DOI/United States Geological Survey	Investigation of Bedrock Well Contamination by Uranium, Radium and Radon Resulting from Deicing Salt Exchange	11/18/2016	24,338
Dietz, Michael E	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	North Eagleville Road Green Street Implementation	12/22/2016	125,000
Getchis, Tessa L	USDA/National Institute of Food and Agriculture/Greenwave Organization Corp	3D Ocean Farming: Beginning Ocean Farmer Training Program	12/06/2016	41,390
Gray, Pamela M	USDA/National Institute of Food and Agriculture/Kansas State University	CT 4-H Military Partnership	10/28/2016	20,000
Griffiths-Smith, Faye I	Consumer Federation of America	Connecticut Saves Week 2017 Campaign	11/17/2016	2,000
Meader, Joyce E	USDA/National Institute of Food and Agriculture/University of Delaware	READY: Maintaining Eligibility to Ship Milk During a Foreign Animal Disease Emergency	11/17/2016	50,000
Wallace, Victoria	USDA/National Institute of Food and Agriculture/Cornell University	Biological Control Approaches to Pest Management of School Grounds	11/15/2016	99,766
Welch, Mary E	USDA/National Institute of Food and Agriculture/University of Missouri	Connecticut Healthy Homes 2017 - Social Media	11/28/2016	14,000
Kinesiology			6 Proposals	\$1,563,998
Casa, Douglas J	DhamaUSA	Wrist Cooling Influence on Performance, Cognition and Recovery	10/13/2016	85,256
Casa, Douglas J	National Football League (NFL) Foundation	Kick Start Safety-NFL Athletic Training Program	10/12/2016	900,000
Casa, Douglas J	Polar Electro	POLAR Team Pro Validation and Comparison (TEAM PRO Study)	10/06/2016	67,091

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Laferrier, Justin Z	NSF/National Science Foundation/University of Connecticut Health Center	Advanced Medico-technical Partnership in Prosthetics from UConn and the Travelers (AMPPUT)	11/15/2016	371,651
Lee, Elaine C	American Heart Association	Heart Healthy Hydration: Assessing the Effects of Hydration Strategies on Cardiovascular Health and Functional Performance	11/03/2016	0
Taylor, Beth	National Lipid Association	Junior Faculty Research Award	12/20/2016	140,000
Natural Resources and the Environment			2 Proposals	\$10,300
Morzillo, Anita	Danforth (Sophie) Conservation Biology Fund	Human Dimensions of Timber Rattlesnake (Crotalus Horridus) Conservation: An Evaluation of Landowner Attitudes in Connecticut (USA)	11/15/2016	1,000
Vokoun, Jason	DOI/United States Geological Survey	Evaluation of Created Thermal Refugia in Streams as a Climate Adaptation Strategy for Fish Populations Experiencing Thermal Stress	11/18/2016	9,300
Nutritional Sciences			5 Proposals	\$1,749,522
Blesso, Christopher N	American Egg Board	Anti-Inflammatory and Hypolipidemic Effects of Egg Sphingomyelin for the Prevention of Atherosclerosis: A Pilot Study	12/20/2016	17,057
Blesso, Christopher N	DHHS/NIH/National Institutes of Health	Milk Sphingomyelin as a Modifier of the Gut-Liver Axis for Prevention of NAFLD	10/19/2016	422,574
Chun, Ock K	DHHS/NIH/National Cancer Institute	Is Health Disparity in Prostate Cancer Risk Attributable to Antioxidant Intake?	10/17/2016	433,275
Fernandez, Maria-Luz	USDA/National Institute of Food and Agriculture	Graduate Training in Nutrition for the Prevention of Obesity and Associated Disorders	10/04/2016	568,840
Luo, Yangchao	NSF/National Science Foundation	Development of Natural Biomaterials-Based Nanoparticles for Non-Invasive Liver-Targeting Oral Delivery of Lipophilic Compounds	10/28/2016	307,776
Pathobiology			5 Proposals	\$1,634,689
Geary, Steven J	NSF/National Science Foundation/Cornell University	Coinfection Mediated Evolution of Virulence in an Emerging Disease	11/11/2016	1,001,808
Levin, Milton J	Morris Animal Foundation	The Role of PCBs, Pesticides and the Immune System in Influenza A Virus Infection in Grey Seals	11/15/2016	49,533
Levin, Milton J	Wild Animal Health Fund	Validating Dried Blood Spot Cards for Marine Mammal Persistent Organic Pollutant Analysis: A New Tool for Wildlife Health Assessments	12/14/2016	10,000
Szczepanek, Steven	DHHS/NIH/National Institutes of Health	Impairment of B-1a Cell Development and Maturation in Sickle Cell Disease	10/05/2016	429,284
Verardi, Paulo H	DHHS/NIH/National Institutes of Health/CaroGen	Development of VLV-Based Zika Virus Vaccine	11/07/2016	144,064
Plant Science and Landscape Architecture			2 Proposals	\$49,974
Brand, Mark H	USDA/National Institute of Food and Agriculture/University of Maryland, College Park	Breeding and Crop Management Strategy Development for the Novel Specialty Crop Aronia	11/07/2016	0
Guillard, Karl	DOI/United States Geological Survey	Phosphorus Leaching from Compost-Amended Turf Areas	11/14/2016	49,974
College of Liberal Arts and Sciences			120 Proposals	\$54,093,544
Chemistry			11 Proposals	\$5,259,821
Angeles-Boza, Alfredo M	NSF/National Science Foundation	Collaborative Research: Investigating the Interplay between the Conformational and Functional Space of Membrane Proteins and the Physicochemical Properties of the Surrounding Bilayer and Environment	11/15/2016	285,666
He, Jie	NSF/National Science Foundation	Solar-Driven Hydrogenation of CO2 Using Hierarchically Porous Mg-Doped TiO2 with Spatially Isolated Au and Pt Nanoparticles	10/20/2016	230,087
Kumar, Challa V	NSF/National Science Foundation	Rational Design of Microfluidics-Enabled Large-Scale Synthesis of Polymer-Wrapped Enzyme Nanoparticles (PENs) with High Stability and High Activity	10/14/2016	592,685

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Kumar, Challa V	NSF/National Science Foundation	Toward Graphene-Enabled Biological Materials: Biomolecule-Graphene Interactions	10/26/2016	402,502
Mani, Tomoyasu	American Chemical Society/Petroleum Research Fund	Production of Triplet Excited States of -Conjugated Organic Molecules by Control of Spin-Correlated Radical Pairs	10/20/2016	110,000
Mani, Tomoyasu	DOE/Department of Energy	Singlet to Triplet: Paving the Way to Triplet-Based Organic Solar Cells	11/14/2016	794,379
Pinkhassik, Evgueni	NSF/National Science Foundation	Functional Devices Made with Porous Hollow Nanocapsules	10/31/2016	698,335
Rouge, Jessica	DHHS/NIH/National Institutes of Health	Homing in on Cancer: Leveraging In Vitro Selection to Improve the Targeting of Nanomaterial-Based Therapeutics Into Cancer Cells	11/04/2016	1,231,847
Rouge, Jessica	NSF/National Science Foundation	Nucleic Acid Nanocapsules as Biochemically Responsive Drug Delivery Vehicles	10/28/2016	351,496
Wang, Lei	NSF/National Science Foundation	Collaborative Research: Developing An In-Plant Sensing System for In-Situ Monitoring of Crops Protection of Crops from Environmental Stresses	10/31/2016	249,281
Zhao, Jing	NSF/National Science Foundation	An Exclusive Hydrogel-based New Lateral Flow Biosensing Platform	10/20/2016	313,543
Ecology and Evolutionary Biology			9 Proposals	\$3,697,501
Jockusch, Elizabeth L	NSF/National Science Foundation	Dissertation Research: Rethinking Parallel Speciation in the Pleistocene Skiltonianus Complex: Measuring Contemporary Gene Flow and Natural Selection in a System with a Strong Mechanical Barrier to Reproduction	10/13/2016	20,540
Tingley, Morgan W	NSF/National Science Foundation	Collaborative Proposal: MSB-FRA: Causes, Consequences, and Cross-Scale Linkages of Climate-Driven Phenological Mismatch Across Three Trophic Levels	10/17/2016	1,217,700
Tingley, Morgan W	NSF/National Science Foundation	DISSERTATION RESEARCH: Birds and Berries: Climate Change and the Shifting	10/13/2016	20,538
Wegrzyn, Jill L	USDA/Forest Service/Pennsylvania State University	Genomic Selection to Fast-Track Blister Rust Resistance in Sugar Pine	11/15/2016	19,554
Wegrzyn, Jill L	USDA/National Institute of Food and Agriculture/North Carolina State University	Development and Use of Genomic Tools to Improve Firs for Use as Christmas Trees	10/21/2016	121,471
Yarish, Charles	DOC/NOAA/National Marine Fisheries Service	Optimizing Sugar Kelp Aquaculture in Southern New England and Long Island Sound: Strategies to Identify Thermally-Tolerant Strains	12/09/2016	299,999
Yarish, Charles	DOC/NOAA/National Marine Fisheries Service/Earth Protect	Aquaculture and Ecosystems, Developing a Functional and sustainable Tropical Marine Aquaculture System	11/17/2016	63,314
Yarish, Charles	DOC/NOAA/National Marine Fisheries Service/Woods Hole Oceanographic Institution	Improving the Transplantation and Early Grow-Out Techniques to Produce Reliable Sugar Kelp Harvests in Southern New England	12/08/2016	34,317
Yuan, Yaowu	DHHS/NIH/Agency for Healthcare Research and Quality	Phenotypic Novelty and Diversity: The Genetics, Development, and Evolution of Patterns and Forms in Monkeyflowers	11/04/2016	1,900,068
Economics			1 Proposals	\$85,489
Prakash, Nishith	International Growth Centre	Social Ties and Bureaucratic Corruption	12/05/2016	85,489
Human Development and Family Studies			2 Proposals	\$86,610
Sabatelli, Ronald M	DOJ/Department of Justice/CT Office of Policy and Management	Evaluation of the Second Chance Community Supervision Implementation Program	11/28/2016	80,000
Super, Charles M	World Bank	Niger Safety Nets Evaluation - Phase 2	11/10/2016	6,610
Integrative Geoscience			1 Proposals	\$78,346
Hren, Michael T	University of Southern California	Markers of Microbial Mat Metabolism: Linking Rates, Pathways, Isotopic Signatures and Sedimentary Structures	11/30/2016	78,346
Linguistics			1 Proposals	\$503,695

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Hall, Matthew	DHHS/NIH/National Institutes of Health	Language Exposure, Language Proficiency & Psychological Outcomes in Deaf Children	10/26/2016	503,695
Literature, Culture and Languages			1 Proposals	\$158,000
Finger, Anke K	NEH/National Endowment for the Humanities	Creativity in Global Contexts (CGC): Integrating the Humanities and Business Education	10/05/2016	158,000
Marine Sciences			22 Proposals	\$4,876,684
Baumann, Zofia	EPA/Environmental Protection Agency	Evaluating the Role of Connecticut River Inputs in Mercury Cycling in Long Island Sound in a Changing Climate	10/03/2016	393,021
Bucklin, Ann	DOC/NOAA/National Marine Fisheries Service/Woods Hole Oceanographic Institution	Molecular Detection of the Highly Toxic Jellyfish <i>Gonionemus Vertens</i> to Increase Aquaculture Safety and Reduce Aquaculture-Mediated Spread	12/05/2016	65,210
Bucklin, Ann	DOC/NOAA/Oceanic and Atmospheric Research/Woods Hole Oceanographic Institution	Coupling New Imaging and Sampling Technologies with Metagenetic and Biogeochemical Analyses to Explore the Mesopelagic Zone	12/15/2016	24,516
Bucklin, Ann	DOC/National Oceanic and Atmospheric Administration/University of Alaska Fairbanks	Rapid Assessment of Arctic Ocean Pelagic Biodiversity Using Metagenetic Analysis and Reference DNA Sequence Databases	12/13/2016	129,961
Cabaniss, Joseph T	Bigelow Laboratory for Ocean Sciences	Charter of R/V Connecticut by Bigelow Lab GNATS Spring 2016	11/02/2016	25,533
Cabaniss, Joseph T	DOC/NOAA/Oceanic and Atmospheric Research/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for ESP Mooring Deployment and Recovery	12/23/2016	28,000
Cabaniss, Joseph T	Fugro	Charter of R/V Connecticut by Fugro Global for Equipment Recovery	11/11/2016	4,533
Cabaniss, Joseph T	NSF/National Science Foundation/Columbia University	R/V Connecticut Charter for Barclay Equipment Recovery	10/13/2016	15,680
Cabaniss, Joseph T	NSF/National Science Foundation/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Glider deployment and recovery	12/23/2016	44,016
Cabaniss, Joseph T	Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Transformer Maintenance	11/02/2016	21,000
Dam Guerrero, Hans G	DOC/NOAA/National Ocean Service	ECHOHAB 2017: Are Growth and Toxicity of the Dinoflagellate <i>Alexandrium</i> Controlled by Grazer-Induced Defense?	11/02/2016	698,938
Fewings, Melanie R	DOD/NAVY/Office of Naval Research	Spatial Variations in Estuarine Water Temperature: The Role of Coastal Effects on the Air-Sea Heat Flux	11/04/2016	609,240
Lin, Senjie	DOC/NOAA/National Ocean Service	Investigating Triggers of Sexual Reproduction as Causes of a Dinoflagellate Bloom	11/02/2016	695,118
Lombardo, Kelly	DOD/NAVY/Office of Naval Research	The Impact of Upstream Escarpments on the Lifecycle and Severity of Coastal Mesoscale Convective Systems	10/26/2016	473,433
Lund, David	NSF/National Science Foundation	Millennial-Scale Atmospheric CO2 Variability During the Last Deglaciation: Testing the Biological Pump Hypothesis Using Upper Ocean Carbon Isotope Records	10/14/2016	358,774
McManus, George B	EPA/Environmental Protection Agency	Quantifying Episodic Algal Blooms with Low-Cost Instruments and a Citizen-Based Sampling Network	10/03/2016	67,105
Tobias, Craig R	DOD/Army/Corps of Engineers/RTI International	Carbon Exchanges and Source Attributions in the New River Estuary, NC	11/30/2016	32,260
Tobias, Craig R	New Zealand Ministry for Primary Industries/Landcare Research	Mitigation Via the Nitrogen Detour Pathway: Exploring an Abiotic Nitrogen Removal Mechanism that Bypasses N2O Emissions	10/13/2016	24,960
Vaudrey, Jamie	DOC/NOAA/National Marine Fisheries Service	Before-After-Control-Impact Study of 3D Ocean Farms: Differences in Dissolved Oxygen, Nitrogen and Chlorophyll within Shellfish and Seaweed Farms Compared to Non-Farmed Locations	12/09/2016	300,643

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Ward, J E	DOC/National Oceanic and Atmospheric Administration	Selective Ingestion of Microplastics by Oysters: Exposure Assessment as a Predictive Tool For Assessing the Environmental Risk to Commercially Important Bivalves	12/19/2016	257,531
Whitney, Michael	EPA/Environmental Protection Agency	Nutrient and Carbon Fluxes through Long Island Sound, Linking River Sources to Impacted Areas	10/03/2016	278,851
Zhang, Huan	EPA/Environmental Protection Agency	Linking Nutrients, Phytoplankton Community Shifts, and Hypoxia	10/03/2016	328,361
Mathematics			12 Proposals	\$2,377,216
Akman, Murat	NSF/National Science Foundation	On the Hausdorff Dimension of Elliptic Measures and Related Problems	10/04/2016	98,264
Ben-Ari, Iddo	NSF/National Science Foundation	Bak-Sneppen and Related Models	11/07/2016	412,148
Chousionis, Vasileios	NSF/National Science Foundation	Geometric Analysis on Carnot Groups	10/04/2016	190,078
Forghani, Behrang	NSF/National Science Foundation	Quantitative and Qualitative behaviors of Random Walks	11/07/2016	95,854
Glick, Max I	NSF/National Science Foundation	Cluster Algebras and Discrete Dynamical Systems	10/04/2016	83,052
Gordina, Maria	NSF/National Science Foundation	Probabilistic methods in geometry and analysis	11/02/2016	450,244
Lierl, Janna	NSF/National Science Foundation	Heat Kernels and Heat Flow on Metric Spaces	11/07/2016	149,914
Lu, Guozhen	NSF/MPS/Directorate for Mathematics and Physical Sciences	Multiparameter Harmonic Analysis and Sharp Geometric Inequalities with Applications to PDEs	10/11/2016	28,258
Lu, Guozhen	NSF/National Science Foundation	Harmonic Analysis Techniques in Sharp Geometric and Functional Inequalities and Applications	10/07/2016	270,634
Vellis, Vyron S	NSF/National Science Foundation	Geometric Uniformization of Metric Spheres and Extension Problems	10/04/2016	82,859
Wallace, Erik T	NSF/National Science Foundation	Rank of Elliptic Curves	10/14/2016	76,691
Weyman, Jerzy M	NSF/National Science Foundation	Structure of Free Resolutions; Varieties with Symmetries	10/12/2016	439,220
Molecular and Cell Biology			16 Proposals	\$15,152,723
Cole, James L	DHHS/NIH/National Institutes of Health	Mechanism for Activation of the Antiviral Kinase PKR	11/07/2016	2,390,672
Core, Leighton J	DHHS/NIH/National Institutes of Health	Regulation, Evolution, and Function of Promoter-Associated Non-Coding RNAs	11/04/2016	1,790,898
Core, Leighton J	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Regulation of UBE3A Genomic Imprinting	10/26/2016	294,516
Giardina, Charles A	Connecticut Innovations/University of Connecticut Health Center	Microbial-Epithelial Cross-Talk Modulates UC Phenotype via DNA Methylation of Colon Stem Cells	12/14/2016	132,000
Gogarten, Johann P	NSF/National Science Foundation	NSF/MCB-BSF: Rare Genes and Alleles in Halophilic Archaeal Populations and Communities	11/15/2016	817,279
Goldhamer, David J	Connecticut Innovations	Stem Cell Dysfunction and the Ossification of Skeletal Muscle	12/16/2016	750,000
Goldhamer, David J	DHHS/NIH/National Institutes of Health	Fibro-Adipogenic Progenitors in Heterotopic Ossification of Skeletal Muscle	10/05/2016	1,932,185
Graf, Joerg	DHHS/NIH/National Institutes of Health/University of Texas Health Science Center at Houston	Detrimental Effects of Age Related Dysbiosis	12/15/2016	802,000
Graf, Joerg	NSF/National Science Foundation	EAGER: Establishment of an Experimental Evolution System for Probiotic Bacteria	10/31/2016	299,999
Heaslip, Aoife	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Molecular Mechanisms of Dense Granule Trafficking in Toxoplasma Gondii	12/08/2016	238,843
Klassen, Jonathan	Kavli Foundation	New Tools to Link Secondary Metabolites to Microbial Interactions	12/02/2016	269,946

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Knecht, David A	NSF/National Science Foundation	The Role of Chemoattractant Degradation in Diffusional Gradient and Self-Generated Gradient Chemotaxis	11/15/2016	621,409
May, Eric R	NSF/National Science Foundation	Collaborative Research: Multiscale Simulation Studies of Mechanosensitive Channels	11/15/2016	248,696
O'Neill, Rachel J	Connecticut Innovations/University of Connecticut Health Center	UConn-Wesleyan Stem Cell Core	12/12/2016	146,363
Teschke, Carolyn M	Beckman (Arnold and Mabel) Foundation	Beckman Foundation Grant for cyroEM	11/01/2016	2,500,000
Zhang, Ping	DHHS/NIH/National Institutes of Health	Discovery of Critical Genere Interactions and Pathways that Mediate Neurodegeneration	10/05/2016	1,917,917
Physics			10 Proposals	\$3,904,361
Battersby, Cara	NSF/National Science Foundation	Collaborative Research: The Skeleton of the Milky Way	11/14/2016	115,845
Cormier, Vernon F	DOD/Air Force Research Laboratory	Full Waveform Modeling of High Frequency Regional Phases for Optimization of Regional Monitoring of the North Korean Test Site	10/03/2016	218,550
Cote, Robin J	NSF/National Science Foundation	Rydberg Electrons as a Probe for Few-and Many-Body Physics	10/26/2016	343,544
Gibson, George N	NSF/National Science Foundation	Excitation of Molecules by Strong Laser Fields	10/24/2016	389,843
Javanainen, Juha M	NSF/National Science Foundation	Microscopic Basis for Electrodynamics of Polarizable Media	10/18/2016	359,244
Schweitzer, Peter	NSF/National Science Foundation	3D Structure of the Nucleon	11/11/2016	408,870
Sinkovic, Boris	NSF/National Science Foundation	Electronic and Spin Structures at the Surfaces of Magnetic Topological Insulators	10/31/2016	448,497
Sochnikov, Ilya	DOE/Department of Energy	Direct Magnetic Detection of Photo-Induced Topological States on a Sub-Picosecond Time Scale	11/14/2016	755,073
Sochnikov, Ilya	NSF/National Science Foundation	Direct Magnetic Detection of Photo-Induced Topological States	10/31/2016	450,000
Trump, Jonathan R	NSF/National Science Foundation	Reverberation Mapping of Quasar Accretion Disks	11/15/2016	414,895
Physiology and Neurobiology			10 Proposals	\$9,157,783
De Blas, Angel L	DHHS/NIH/National Institutes of Health	Controlled Manipulation of GABAA Receptor Clustering and Synaptic Strength	10/11/2016	659,839
Kanadia, Rahul N	BrightFocus Foundation/University of Massachusetts Medical School	Role of Photoreceptors in Age-Related Macular Degeneration	10/25/2016	14,770
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	Understanding the Role of Minor Spliceosome in the Pathogenesis of Amyotrophic Lateral Sclerosis	11/16/2016	422,574
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	Understanding the Role of Minor Splicing in Neural Cell Fate Determination and Differentiation	10/05/2016	1,943,927
Kanadia, Rahul N	Foundation Fighting Blindness/University of Massachusetts Medical School	Uncovering the Role of Photoreceptors in Age-Related Macular Degeneration	12/07/2016	21,643
Mulkey, Daniel K	DHHS/NIH/National Institutes of Health/University of Texas Health Science Center at Houston	KCNQ2 Channels in Chemosensitive RTN Neurons Regulate Breathing and are Potential Targets for Treatment of Stroke-Induced Respiratory Dysfunction	12/16/2016	1,751,176
Mulkey, Daniel K	Hughes (Howard) Medical Institute	Scientific Teaching Team Building	10/05/2016	950,534
Walikonis, Randall S	DHHS/NIH/National Institutes of Health/Medical College of Wisconsin	The Role of BRAG1 in Synaptic Function, Learning, and Memory	10/06/2016	940,166
Wang, Li	American Liver Foundation	ZEB1/EpCAM Axis in LncRNA H19-Mediated Cholestasis	12/01/2016	12,500
Wang, Li	DHHS/NIH/National Institutes of Health	New Regulator and Therapy for Liver Disease	12/07/2016	2,440,654

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Political Science			1 Proposals	\$60,000
Hertel, Shareen	Taylor & Francis Group	The Journal of Human Rights	10/17/2016	60,000
Psychological Sciences			12 Proposals	\$6,830,872
Astur, Robert	DHHS/NIH/National Institutes of Health	Effects of Nicotine on Spontaneous Recovery and Reinstatement in Humans	10/31/2016	427,925
Eigsti, Inge-Marie	DHHS/NIH/National Institutes of Health/Women and Infants Hospital of Rhode Island	The Low-Verbal Investigatory Screener for Autism (L-VIS) - Exploring Utility as a Measure of Verbal Capacity	10/14/2016	53,663
Landi, Nicole	DHHS/NIH/National Institutes of Health	Concept Learning and Lexical-Semantic Weakness in Poor Comprehenders	12/08/2016	130,728
Large, Edward W	NSF/National Science Foundation	Collaborative Research: An Integrative Multi-Scale Dynamical Systems Framework for Auditory Scene Analysis	10/21/2016	1,488,223
Leach, Colin W	Society for Personality and Social Psychology	Co-Editor of Personality and Social Psychology Bulletin	12/21/2016	5,000
Magnuson, James S	NSF/National Science Foundation	NRT-UtB-DESE: Neurobiology of Learning: From the Synapse to the Classroom	12/08/2016	0
Salamone, John D	Chronos Therapeutics	Drug Development for Treatment of Fatigue/Anergia	12/12/2016	97,808
Salamone, John D	DHHS/NIH/National Institutes of Health	Development and Characterization of Rodent Models for the Assessment of the Effort-Related Motivational Effects of Curcumin	10/17/2016	146,692
Stevenson, Ian	NSF/National Science Foundation	RI: Small: Adaptive Decoding of Noisy, Non-Stationary Neural Activity	11/16/2016	462,898
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health	The Role of Heterosynaptic Plasticity in Modulating Regimes of Learning	10/04/2016	2,933,233
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health/Dignity Health	Active Vision: What Visual Cortex Tells the Motor System During Locomotion	10/28/2016	1,073,569
Williams, Monnica T	American Psychological Association	Reducing Racial Microaggressions and Promoting Racial Harmony	11/10/2016	11,133
Sociology			1 Proposals	\$11,896
Holzer, Elizabeth	NSF/National Science Foundation	Doctoral Dissertation Research: Living Transnational Lives through the Bureaucracies of Forced Migration and Humanitarianism	10/17/2016	11,896
Speech, Language and Hearing Sciences			4 Proposals	\$267,138
Myers, Emily B	DHHS/NIH/National Institutes of Health	Exploring a Common Mechanism for Phonetic Learning and Phonetic Adaptation	12/08/2016	170,094
Skoe, Erika	GRAMMY Foundation	The Influence of Music and Dance Training on Hearing in Noise	12/19/2016	20,000
Spaulding, Tammie	DHHS/NIH/National Institutes of Health/University of Delaware	Perceptual Learning and Memory Consolidation in Adults With and Without Language Impairment	10/18/2016	23,476
Tufts, Jennifer	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Active Hearing Protectors and Audibility of Critical Communications	11/02/2016	53,568
Statistics			6 Proposals	\$1,585,409
Chen, Kun	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Improving the Identification of Patients at Risk of Suicide	10/28/2016	1,000,329
Chen, Kun	NSF/National Science Foundation	III: Small: Collaborative Research: Building a Robust Comprehensive Predictive Modeling Framework for Complex Data	11/16/2016	250,000
Chi, Zhiyi	NSF/National Science Foundation	New Simulation Methods for Levy Processes and Related Distributions	12/01/2016	215,730
Schifano, Elizabeth D	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	The Influence of Maternal Asthma on the Placental Microbiome	10/11/2016	17,592
Yan, Jun	DHHS/CMS/Centers for Medicare and Medicaid Services/University of Connecticut Health Center	State Innovation Model - Round Two of Funding	10/28/2016	42,870

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Yan, Jun	Delta Dental Fund/University of Connecticut Health Center	Utilization of Dental Imaging During the Past 20 Years - Part II	12/16/2016	58,888
NEAG School of Education			12 Proposals	\$6,007,191
Curriculum and Instruction			3 Proposals	\$3,267,501
Campbell, David T	NSF/National Science Foundation	Collaborative Research: Enhancing Teaching and Learning of Scientific Practices Through Modeling	12/01/2016	179,502
Howard, Elizabeth	ED/Institute of Education Sciences/University of Colorado	Writing for English Language Learners (WELLs): Exploring Instruction and Outcomes	11/16/2016	89,248
Settlage, John	NSF/National Science Foundation	Systems Thinking for Science Excellence & Equity	12/05/2016	2,998,751
Education Dean			2 Proposals	\$268,030
Chafouleas, Sandra M	NSF/National Science Foundation/Doors to Explore	Doors to Explore: A Student-Centered Platform to Inform College and Career Pathways in STEM	12/02/2016	68,051
Cobb, Casey D	Nellie Mae Education Foundation	Evaluation of the League of Innovative Schools	11/21/2016	199,979
Educational Leadership			3 Proposals	\$2,162,569
Castillo-Montoya, Milagros	American College Personnel Association (ACPA)	Culturally Relevant Professional Development: Supporting Teaching in Racially and Ethnically Diverse College Learning Environments	12/07/2016	3,000
Gonzales, Richard	Wallace Foundation	Wallace UPPI Initiative	10/28/2016	2,150,000
McGarry, Jennifer E	Women's Sports Foundation	Husky Power	11/17/2016	9,569
Educational Psychology			4 Proposals	\$309,091
Bray, Melissa A	Wallingford Public Schools, CT	School Psychology Internship - Jacob Friedman	12/22/2016	10,860
Kaufman, James	NEA/National Endowment for the Arts	Impact of Art Exposure on Creative Production	10/25/2016	99,769
Loken, Eric O	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Pennsylvania State University	Effect of Birth Order and Genetics on Infant Parenting and Obesity Risk	10/19/2016	28,462
Renzulli, Joseph S	Cooke (Jack Kent) Foundation	Young Scholars First Summer	10/07/2016	170,000
School of Business			1 Proposals	\$91,459
Operations & Info Management			1 Proposals	\$91,459
He, Shu	NSF/National Science Foundation	SaTC: CORE: Small: Collaborative: Information Disclosure and Security Policy Design: A Large-Scale Randomization Experiment in Trans-Pacific Region	11/16/2016	91,459
School of Engineering			140 Proposals	\$50,707,264
Biomedical Engineering			15 Proposals	\$2,987,107
Brown, Kevin S	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Accounting for Parameter and Model Uncertainty in VCell Using Sloppy Models Theory	10/03/2016	507,028
Brown, Kevin S	NSF/National Science Foundation	Modeling Spatiotemporal Control of EGFR-ERK Signaling in Gene-edited Cell Systems	11/15/2016	164,717
Feng, Bin	DHHS/NIH/National Institutes of Health	Mechanisms of DRG Stimulation to Modulate Visceral Afferent Function	10/14/2016	150,940
Huang, Yen Chih	Connecticut Innovations	3D Printing of Nerve Guidance Conduits for Peripheral Nerve Regeneration	12/16/2016	200,000
Huang, Yen Chih	Connecticut Innovations	Direct Differentiation of Human Pluripotent Stem Cells into Motor Neurons and Oligodendrocytes	12/16/2016	750,000

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Huang, Yen Chih	NASA/National Aeronautics and Space Administration/University of Hartford	3D Printed Hydrogel for Skeletal Muscle Differentiation for Human IPS Cells	10/25/2016	8,000
Kaputa, David F	Boston Children's Hospital	2017-18 Clinical Engineering Internship Program at Boston Children's Hospital	10/28/2016	72,878
Kaputa, David F	Memorial Hermann Healthcare System	2017-18 Clinical Engineering Internship Program at Memorial Hermann Healthcare System	10/28/2016	53,181
Morgan, Kristin	NSF/National Science Foundation/University of Connecticut Health Center	Advanced Medico-Technical Partnership in Prosthetics from UConn and the Travelers (AMPPUT)	11/15/2016	162,565
Santaniello, Sabato	University of Connecticut Health Center	Towards Brain Tissue Regeneration: Development of Functional Neuronal Circuits with Induced Pluripotent Stem Cells and Epileptic Patient Cells	12/14/2016	10,072
Shin, Yong-Jun	NSF/National Science Foundation	Distributed and Adaptive Evidence-Based Medicine (EAGER)	12/14/2016	288,056
Vanden Berg-Foels, Wendy S	Connecticut Innovations/University of Connecticut Health Center	Modulation of Progenitor Cells of the Mandibular Condylar Cartilage by PTH	12/14/2016	12,991
Vanden Berg-Foels, Wendy S	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Role of PTH on the Chondrocytic Lineage in Mandibular Condylar Cartilage	10/07/2016	14,199
Zheng, Guoan	NSF/National Science Foundation	Developing High-Throughput Whole Slide Imaging Platform Using Single-Frame Instant-Focusing Scheme	10/11/2016	200,000
Zheng, Guoan	NSF/National Science Foundation	Magnetic-Field-Controlled Angular Light Modulator	11/01/2016	392,480
Center for Clean Energy Engineering			23 Proposals	\$4,754,859
Agrios, Alexander G	NSF/National Science Foundation	Inorganic Selective Contacts for Stable Organometal Halide Perovskite Solar Cells	11/01/2016	344,830
Bazzi, Ali	DOD/NAVY/Office of Naval Research	Optimal Control and Reconfiguration of Naval Electric Propulsion Drives for Increased Efficiency and Availability	11/04/2016	546,170
Bazzi, Ali	NSF/National Science Foundation	NRT-IGE: Multidisciplinary Cohort-Thesis in Energy Systems: A Pilot Program	12/09/2016	0
Cho, Yongku P	NSF/National Science Foundation	Combinatorial Approaches for Engineering Antibody Specificity	10/20/2016	330,262
Cho, Yongku P	NSF/National Science Foundation	Genetically Engineered New Generation Multifunctional Signal Amplifiers	10/20/2016	328,952
Lei, Yu	DHHS/NIH/National Institutes of Health	Non-invasive, Vertical-Flow, Paper-Based Cancer Biomarkers Detection Using Universal Protein Multi-Functional Outer Membrane Vesicles Platforms	10/12/2016	436,943
Lei, Yu	NSF/National Science Foundation/Health E-sense	Breath Sensor Technology for Routine Health Monitoring	12/06/2016	25,147
Ma, Wing Kui Ans	GKN Structures	Thermal and Rheological Characterization of Resins	12/07/2016	74,687
Maric, Radenka	DOE/Office of Energy Efficiency and Renewable Energy	Stable, High Performance Catalyst for Low Temperature Electrolysis	12/20/2016	0
Maric, Radenka	NSF/National Science Foundation	Developing an Engineering Prototype for Ultra-Low-Cost Energy Harvesting and Storage	10/11/2016	200,000
Maric, Radenka	NSF/National Science Foundation	GOALI: Core-Shell Electrocatalysts for Electrolyzers and Fuel Cells	10/19/2016	574,908
McCutcheon, Jeffrey R	NSF/National Science Foundation	GOALI: Hollow Fiber Membrane Modules for Osmotic Systems: Understanding Design-Performance Relationships using Membranes and Models.	10/20/2016	311,403
Mustain, William	NSF/National Science Foundation	GOALI: SusCheM: Collaborative Research: Carbonate-Specific Design of Catalysts and Ionomers for Electrochemical CO2 Capture	10/19/2016	306,324
Mustain, William	NSF/National Science Foundation	GOALI: Understanding and Controlling Nanoscale Electrochemical Transformations of Transition Metal Oxides	10/31/2016	415,084
Pasaogullari, Ugur	DOE/Department of Energy	Topic 2B: Development of Best Practices in Materials Characterization and Benchmarking for Advanced Water Splitting Technologies	12/20/2016	0

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Pasaogullari, Ugur	DOE/Department of Energy/Forge Nano	Highly Robust Low-PGM MEAs Based upon Composite Supports	10/14/2016	19,958
Singh, Prabhakar	DOE/Department of Energy	Topic 2A: Durable, High-Performance Materials and Interfaces for Advanced Water Splitting	12/20/2016	0
Singh, Prabhakar	DOE/Department of Energy/Forge Nano	Tailored Anodes for Direct Internal Reforming SOFCs	10/14/2016	75,000
Singh, Prabhakar	DOE/Department of Energy/UES	Low Cost High Entropy Alloy (HEA) Anode for Distributed Reforming and Prevention of Carbon Deposition in SOFC	10/14/2016	75,000
Singh, Prabhakar	LG Electronics	Alloy Pre-Treatment	10/19/2016	26,000
Singh, Prabhakar	LG Electronics	Chromium Evaporation	10/19/2016	31,000
Valla, Ioulia A	DOE/Department of Energy	Bimetallic Catalysts for Selective Hydrodeoxygenation of Biomass Pyrolysis Vapors at Minimum Hydrogen Consumption	11/15/2016	344,831
Valla, Ioulia A	NSF/National Science Foundation	Novel Hollow Mesoporous Structures with Encapsulated Metals as Size-Selective Hydrogenolysis Nanoreactors: Synthesis, Reactions Mechanism and Kinetics	10/20/2016	288,360
Chemical and Biomolecular Engineering			5 Proposals	\$1,816,763
McCutcheon, Jeffrey R	Electric Power Research Institute	Elucidating Fundamental Performance Parameters for Hybrid Forward Osmosis Systems Designed for Wastewater Reuse for Cogeneration	12/22/2016	90,000
Stuber, Matthew D	DOE/Department of Energy	Design Under Uncertainty with Global Optimization of Large Sparse Systems	11/11/2016	750,000
Wagstrom, Kristina	NSF/National Science Foundation	COLLABORATIVE: Acceleration of Atmospheric Chemistry Calculations Using Dynamic Mechanism Reduction and GPU Technology	10/31/2016	270,736
Wagstrom, Kristina	NSF/National Science Foundation	Resolving Source Contributions to Atmospheric Deposition	10/20/2016	299,990
Willis, Brian G	NSF/National Science Foundation	Nanostructures for Resonant Plasmonic Devices	10/31/2016	406,037
Civil and Environmental Engineering			5 Proposals	\$6,845,763
Anagnostou, Emmanouil N	USAID/United States Agency for International Development/University of Jordan	Water Innovations Technologies	10/21/2016	6,057,178
Chrysochoou, Maria	SESI Consulting Engineers	Laboratory Testing for Sediment Resuspension Mitigation	11/10/2016	6,763
Kim, Jeongho	DHHS/NIH/National Institutes of Health/New York University	Viscoelastic Modeling Aided Experimental Optimization toward Fracture-Resistant Porcelain-Veneered Zirconia and Lithium Disilicate Restorations	10/21/2016	666,534
Shen, Xinyi	DOI/United States Geological Survey	Generating Water Cover Dynamics at Fine Spatiotemporal Resolution	11/17/2016	50,000
Wille, Kay	NSF/National Science Foundation/Reactive Innovations	Development of a Handheld Sensor to Detect Pyrrhotite in Concrete Structures	12/06/2016	65,288
Computer Science and Engineering			27 Proposals	\$13,048,522
Bi, Jinbo	NSF/National Science Foundation	RI: Small: Multi-View Latent Class Discovery and Prediction with a Streamlined Analytics Platform	11/16/2016	493,584
Demurjian, Steven A	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	Asthma Neighborhood: Eliminating Disparities, Empowering Families	11/04/2016	117,652
Demurjian, Steven A	DOE/Department of Energy/Loki Labs	Continuous Vulnerability Detection Platform for HPC Cybersecurity	10/14/2016	74,146
Fuller, Benjamin	NSF/National Science Foundation/Wymsical	Digital Methods to Authenticate Physical Identity	12/06/2016	71,907
Han, Song	NSF/National Science Foundation	CRI Pre-Proposal: II-New: A Hybrid Software-defined Real-time Sensing and Control Network Testbed for Performance-critical Cyber-physical Applications	11/08/2016	0

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Han, Song	NSF/National Science Foundation	CSR: Small: Collaborative Research: Network Resource Management in Multi-Cluster Wireless Networked Control Systems	11/16/2016	258,185
Han, Song	NSF/National Science Foundation	SCH: INT: Collaborative Research: Classifying Neurological Gait Disorders using Scalable and Fast Machine Learning Analysis of Biosensing Data	12/08/2016	693,712
Han, Song	NSF/National Science Foundation	WiFiUS: Software Defined Networking for Dynamic Resource Management in Industrial IoTs	10/17/2016	299,997
Huang, Chun-Hsi	NSF/National Science Foundation	CRI Preproposal: II New: Enabling On-campus Peta-scale GPU-accelerated Computation	11/08/2016	
Huang, Chun-Hsi	NSF/National Science Foundation	CRI Preproposal: II New: Software-Defined Inter-Networking for Extreme-Scale Data Analytics	11/08/2016	
Huang, Chun-Hsi	NSF/National Science Foundation	III: Small: Accelerating Transcriptional Analysis via an Integrated HPC Framework	11/16/2016	375,386
Khan, Mohammad M	NSF/National Science Foundation	SaTC: EDU: Emotion and Efficacy of Gamification: Application to Risk Communication and Persuasion in the Context of Safe Cyber Behavior	12/15/2016	299,409
Khan, Mohammad M	NSF/National Science Foundation	Small: A Scalable Plug-n-Play Performance Modeling Framework for Extensible Distributed Systems	11/16/2016	422,498
Michel, Laurent D	Comcast Cable Communications Management	CSI Selected Projects 2016	11/11/2016	220,000
Michel, Laurent D	Comcast Cable Communications Management	Comcast Center of Excellence for Security Innovation - Center Operations	11/11/2016	420,000
Michel, Laurent D	Comcast Cable Communications Management	Hardware Security Assessment for Comcast Devices	11/11/2016	360,000
Michel, Laurent D	NSF/National Science Foundation	Small: Model Combinators for Discrete Optimization	11/16/2016	492,426
Pal, Soumitra	DHHS/NIH/National Institutes of Health	Hybrid Computational Techniques for Genome-Wide Association Study	10/12/2016	940,932
Rajasekaran, Sanguthevar	DHHS/NIH/National Institutes of Health	Novel Techniques for Healthcare Data Integration and Privacy	10/05/2016	3,032,853
Russell, Alexander	NSF/National Science Foundation	NeTS: Small: Collaborative Research: Advanced Algorithmic Tools for Discovery in Cognitive Radio Networks	11/16/2016	250,000
Russell, Alexander	NSF/National Science Foundation	SaTC: CORE: Medium: Collaborative: Theory and Practice of Cryptosystems Secure against Subversion	10/19/2016	300,000
Russell, Alexander	NSF/National Science Foundation	Small: Collaborative Research: New Developments in Information-Theoretic Cryptography	11/16/2016	250,000
Shin, Dong	Connecticut Innovations/University of Connecticut Health Center	Patient-Specific iPS Cells as a Diagnostic Platform for Rare Disorders of the Skeleton	12/12/2016	312,500
Shin, Dong	DHHS/NIH/National Institutes of Health	Digital Framework for Annotating Target Genes through Deep Pathway Analysis	12/29/2016	2,102,307
Shin, Dong	DHHS/NIH/National Institutes of Health	Topology-Based Pathway Scoring System (TOPAS)	11/21/2016	474,350
Wang, Bing	NSF/National Science Foundation	Small: Collaborative Research: Innovating Internet Access on Connected Vehicles	11/16/2016	296,975
Wu, Yufeng	NSF/National Science Foundation	Computational Methods for Large-scale Inference of Population History	11/16/2016	489,703
Connecticut Transportation Institute			8 Proposals	\$1,705,493
Ivan, John N	National Academies/University of Michigan	Pedestrian and Bicycle Safety Performance Functions for the Highway Safety Manual	10/05/2016	184,000
Konduri, Karthik C	Atlanta Regional Commission/Cambridge Systematics	Model Development Technical Support: Population Synthesizer Revisions	12/01/2016	40,000

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Konduri, Karthik C	DOT/Federal Highway Administration/University of Central Florida	Addressing Mobile Phone Usage Associated Distracted Behavior on Roadways for Drivers, Bicyclist and Pedestrians: A Naturalistic Data Oriented Behavior Modification Approach	10/14/2016	363,134
Konduri, Karthik C	San Diego Association of Governments/Cambridge Systematics	On-Call Land-Use, Transportation, and Socioeconomic Modeling and Forecasting Services	12/13/2016	0
Lownes, Nicholas	Connecticut Academy of Science and Engineering	Sustainability Strategies for Connecticut's Public Transportation System & Achieving a Zero Carbon Footprint for Bus Operations	10/12/2016	104,584
Lownes, Nicholas	DOT/Federal Highway Administration	UConn 2017 National Summer Transportation Institute	12/12/2016	20,066
Mahoney, James M	DOT/Department of Transportation/CT Department of Transportation	Development of a Pavement Design Handbook and an Interactive Pavement	10/05/2016	103,062
Shea, Donna	CT Department of Transportation	Traffic Signal System Circuit Rider Program	11/11/2016	890,647
Electrical and Computer Engineering			10 Proposals	\$3,954,737
Bar-Shalom, Yaakov M	DOD/Air Force Research Laboratory	Highly-Maneuvering Low-Observable Target Extraction with OTHR	12/14/2016	754,954
Gokirmak, Ali	NSF/National Science Foundation	Phase Change Logic Elements	11/01/2016	431,198
Jain, Faquir C	NSF/National Science Foundation	Cladded Quantum DOT Superdattic Channel for Novel Electronic, Photonics and Magnetic Devices	11/01/2016	356,277
Khan, Omer	NSF/National Science Foundation	CSR: Small: Efficient Many-Core Execution Models for Cognitive Computing	11/16/2016	408,573
Khan, Omer	NSF/National Science Foundation	Student Travel Support for the 2017 International Conference on Computer Design (ICCD)	10/27/2016	10,000
Silva, Helena	NSF/National Science Foundation	GOALI: To understand crystallization and amorphization dynamics in phase-change memories by linking electro-thermal models, electrical experiments and TEM characterization	10/31/2016	482,894
Wang, Lei	NSF/National Science Foundation	CSR: Small: Enabling In-situ Signal Reconstruction for Self-Organizing Embedded Systems	11/16/2016	476,971
Wang, Lei	NSF/National Science Foundation	Enabling Self-Sustained Sensing with Microorganism-Based Energy Harvesting	11/01/2016	421,977
Wang, Lei	NSF/National Science Foundation	SHF: Small: Resource-efficient Signal Processing for IoT Applications from Algorithm to Hardware	11/15/2016	476,971
Zhang, Liang	NSF/National Science Foundation	EAGER: Resilient Control Systems with respect to Instrumentation Attacks: Theory and Testbed Verification	12/13/2016	134,922
Engineering Dean			1 Proposals	\$595,451
Kazerounian, Kazem	NSF/National Science Foundation	RET Site: Joule Fellows: Research Experience for Teachers in Sustainable Energy Technologies	11/01/2016	595,451
Engineering Diversity Program			1 Proposals	\$33,000
Burkey, Daniel D	NSF/National Science Foundation	Collaborative Research: Experiential Process Safety Training for Chemical Engineers	11/01/2016	33,000
Eversource Energy Center			2 Proposals	\$484,958
Witharana, Chandi	NSF/National Science Foundation	Collaborative Proposal: Polygon Mapping and Modeling	12/05/2016	332,586
Zhang, Peng	DOE/Department of Energy/Amzur Technologies	OpenDEM DER Communications & Control (C&C) System	11/10/2016	152,372
Mechanical Engineering			35 Proposals	\$13,233,858
Cao, Chengyu	DOD/Navy/Naval Surface Warfare Center	Adaptive and Cooperative AUV Networks for Undersea Surveillance and Reconnaissance	10/31/2016	413,630

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Cao, Chengyu	DOD/Navy/Naval Surface Warfare Center	Low Cost Multi-Tactical Autonomous Surface Nodes	10/31/2016	449,064
Cao, Chengyu	NSF/National Science Foundation	Cooperative Adaptation Enabled Intelligent Self-sustaining Surface-Underwater Robotic Networks	12/19/2016	503,850
Cetegen, Baki	NSF/National Science Foundation	Experimental Study of Turbulent Premixed Flames and their Lean Blowoff Characteristics Using Gaseous and Pre-Vaporized Liquid Fuels	10/18/2016	311,164
Cetegen, Baki	United Technologies-Pratt & Whitney	Studies on Premixed Reacting Jets in Vitiated Crossflow: Jet and Free Stream Turbulence Effects	12/28/2016	64,999
Chen, Xu	DOD/NAVY/Office of Naval Research	Online Information Recovery and Controls with Gappy Data: Overcoming the Shannon-Nyquist Limitation in Naval Real-Time Applications	11/04/2016	507,195
Chen, Xu	NASA/National Aeronautics and Space Administration/University of Hartford	Using a Cylindrical Coordinate System to Facilitate Multi-Material 3D Printing	10/25/2016	5,000
Chiu, Wilson K	DOE/Department of Energy	Accessible Triple Phase Boundary Length: A Property to Characterize Reticulate Transport Pathways in Three-Dimensional Microstructures	12/19/2016	477,048
Chiu, Wilson K	NSF/National Science Foundation	Relating Three-Dimensional Form to Thermal Function in Metal Foam Structures	10/20/2016	302,783
Fan, Tai-Hsi	NSF/National Science Foundation	High Throughput, Low Cost, Low Volume, and In Situ Measurement of Viscosity, Density, and Volatility on Biodiesel Blends	10/20/2016	330,442
Li, Ying	NSF/National Science Foundation	Self-Assembly of Core-Polyethylene Glycol-Lipid Shell Nanoparticles for Drug Delivery: In Silico and In Vitro	10/20/2016	410,109
Lu, Tianfeng	DOE/Office of Energy Efficiency and Renewable Energy	Automated Development and Validation of Reduced Reaction Mechanisms for Engine Combustion	10/14/2016	765,364
Lu, Tianfeng	DOE/Office of Energy Efficiency and Renewable Energy	Micro-Liter Fuel Characterization and Property Prediction	10/13/2016	62,020
Lykotrafitis, George	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Is the Sickle Cell Trait Genotype an Explanatory Factor in Cancer Survival Disparities?	10/14/2016	188,345
Nguyen, Thanh D	Connecticut Innovations	Biodegradable Self-Powered Electrical Stimulator for Stem-Cells Based Bone Regeneration	12/14/2016	198,359
Nguyen, Thanh D	Connecticut Innovations/University of Connecticut Health Center	Rapid Delivery of Small Osteogenic Molecules for Long Bone Fractures	12/07/2016	140,000
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Bionic Self-Stimulated Cartilage	10/17/2016	638,000
Nguyen, Thanh D	DOD/Army/Medical Research and Materiel Command	Force-Induced Rapid Nerve Regeneration	12/16/2016	497,258
Nguyen, Thanh D	NSF/National Science Foundation	Bionic Force-Sensing Cartilage	10/20/2016	313,638
Norato Escobar, Julian A	Colombian School of Engineering	Design and Optimization of Variable-Geometry Mechanical Components in Wind Turbines	12/01/2016	0
Norato Escobar, Julian A	DOD/NAVY/Office of Naval Research	Computational Synthesis of Composable-Material Structures from Manufacturing-Friendly Primitives	11/04/2016	329,020
Norato Escobar, Julian A	NASA/National Aeronautics and Space Administration/University of Hartford	Computational Design Method for Skin-Frame Habitats	10/25/2016	7,988
Pierce, David M	DHHS/NIH/National Institutes of Health/University of Colorado, Boulder	Multiparametric Imaging of Functional Gradients as Biomarkers for Osteoarthritis	12/12/2016	1,351,029
Pierce, David M	DOD/Army Natick Soldier Center	Developing Biofidelic Models as Surrogates for Human Subjects in Protective Clothing and Individual Equipment and Augmentation Testing	11/01/2016	100,000
Sung, Chih-Jen	DOE/Department of Energy/University of South Carolina	Chemical Functional Group Definition and Quantifications by NMR Spectroscopy, Informing Fuel Physical and Chemical Property Informatics	10/13/2016	600,000

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Sung, Chih-Jen	DOE/Lawrence Livermore National Laboratory	Experimental Data for Validation of Kinetic Mechanisms for Fuel Companies and Surrogates	11/15/2016	49,961
Sung, Chih-Jen	NSF/National Science Foundation	Collaborative Research: Understanding Pollutant Formation Mechanisms in Oxygenated Bio-Derived Fuels for Cleaner Transportation Systems	10/20/2016	210,000
Tang, Jiong	NSF/National Science Foundation	EFRI NewLAW Preliminary Proposal: Dual-field electro-mechanical tailoring of acoustic wave propagation in structures enabled by additive manufacturing	12/21/2016	2,000,000
Tang, Jiong	NSF/National Science Foundation	Electro-Magnetic Sensing	11/01/2016	246,879
Tasoglu, Savas	American Cancer Society	High-Throughput Image Cytometry: Real-Time Monitoring and Early Detection	10/17/2016	729,000
Tasoglu, Savas	Connecticut Innovations	A Versatile and Low-Cost Bioprinter for Personalized Clinical Medicine	10/07/2016	30,000
Tasoglu, Savas	DHHS/NIH/National Institutes of Health	Spatiotemporal Magnetic Control of Neurons in 3D Engineered Neural Tissues	10/17/2016	604,928
Tasoglu, Savas	Thrasher Research Fund	Low-Cost Standalone Diagnosis and Monitoring Tool for Children with Sickle Cell Disease	11/15/2016	262,099
Zhang, Dianyun	Ford Motor Company	An Experimentally Validated Constitutive Model for Fiber-Reinforced Rubber Hoses	12/12/2016	24,686
Zhao, Xinyu	American Chemical Society/Petroleum Research Fund	A Computational Study of the Lean Blow-off Mechanisms for Bluff-Body Stabilized Premixed Flames	10/21/2016	110,000
UTC Institute for Advanced Systems Engineering			8 Proposals	\$1,246,753
Bollas, Georgios	DOE/Department of Energy/Precision Combustion	Spouted Bed Reactor Model Development of Coal/Biomass Combustion: From Laboratory to Sub Pilot Scale	12/12/2016	174,999
Bollas, Georgios	NSF/National Science Foundation	SECURE: Systems Engineering for C-REsilience	12/09/2016	0
Bollas, Georgios	United Technologies-Corporate Headquarters	Robust Active Fault Detection & Isolation in Aerospace Applications of Thermal Fluid Systems	11/18/2016	119,866
Dani, Ashwin	United Technologies-Corporate Headquarters	Learning Physics from Machines: Physics-Informed Machine Learning	11/18/2016	140,408
Duggirala, Parasara S	United Technologies-Corporate Headquarters	Testing Based Approaches for Validation and Verification of Cyber-Physical Systems	11/18/2016	96,922
Dutta, Abhishek	United Technologies-Corporate Headquarters	Analysis and Design of Cyber-Secure Systems: Hardware Authentication, Resilient Monitoring and Resilient Control	11/18/2016	467,956
Gupta, Shalabh	United Technologies-Corporate Headquarters	Supervisory Control Synthesis for Energy-Efficient BIS Chiller Plants	11/18/2016	112,533
Khan, Omer	United Technologies-Corporate Headquarters	Design Automation and Optimization Framework for Embedded Systems	11/18/2016	134,069
School of Fine Arts			1 Proposals	\$6,000
School of Fine Arts			1 Proposals	\$6,000
Meacham, Thomas	NEH/National Endowment for the Humanities/Folger Institute	Teaching Shakespeare to Undergrads	10/19/2016	6,000
School of Law			1 Proposals	\$149,600
School of Law			1 Proposals	\$149,600
Jimenez, Dalie	National Endowment for Financial Education	Financial Distress Research Project	12/06/2016	149,600
School of Nursing			12 Proposals	\$13,486,006
School of Nursing			12 Proposals	\$13,486,006

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Baumbauer, Kyle M	DHHS/NIH/National Institutes of Health	Optogenetic Targeting of Primary Afferent Populations to Alleviate SCI-Induced Pain	10/04/2016	1,975,476
Baumbauer, Kyle M	Neilsen (Craig H.) Foundation	Identification of Nociceptive Afferents that Contribute to SCI-Induced Pain	10/21/2016	300,000
Cong, Xiaomei	DHHS/NIH/National Institutes of Health	Multi-Omics Analysis of Pain/Stress Impact on Neurodevelopment in Preterm Infants	12/12/2016	2,985,405
Cusson, Regina	VentureWell	Healthcare Innovation Program	11/09/2016	30,000
Kim, Kyounghae	DHHS/NIH/National Cancer Institute	Developing and Piloting a Health Literate mHealth to Promote HPV Vaccine Uptake	10/14/2016	156,747
Kim, Kyounghae	Sigma Theta Tau International (STTI)	Development and Piloting of the Perceived Attributes of Innovation in Patient-Centered Management of Chronic Pain (PAI-PCMCP) Scale	12/01/2016	5,000
Polifroni, Elizabeth C	DHHS/HRSA/Bureau of Health Professions	Diversity Strong: The 3R's	11/14/2016	1,986,410
Starkweather, Angela R	DHHS/NIH/Agency for Healthcare Research and Quality/DHHS/NIH/National Institute of Nursing Research	Enhancing Management of Pediatric Postsurgical Pain with Genetics	12/13/2016	90,081
Starkweather, Angela R	DHHS/NIH/National Institute of Nursing Research/University of Florida	Elucidating the Metabolomic Signature of PN Symptoms in Breast Cancer	12/20/2016	291,319
Starkweather, Angela R	DHHS/NIH/National Institutes of Health	Optimizing Chronic Low Back Pain Self-Management with Yoga	10/19/2016	2,646,835
Starkweather, Angela R	DHHS/NIH/National Institutes of Health	Pain Sensitivity in Low Back Pain	11/07/2016	1,606,873
Young, Erin E	DHHS/NIH/National Institutes of Health	Sex-Specific Genetic Determinants of IBS-Related Pain	10/05/2016	1,411,860
School of Pharmacy			19 Proposals	\$5,879,531
Pharmaceutical Sciences			18 Proposals	\$5,841,056
Aneskievich, Brian J	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Intrinsic disorder and protein multi-functionality in keratinocyte intracellular signaling	10/03/2016	
Aneskievich, Brian J	NSF/National Science Foundation	TNIP1 Protein Functional Diversity as a Repressor of Distinct Signaling Pathways	11/14/2016	691,533
Balunas, Marcy J	DHHS/NIH/National Institute of General Medical Sciences	Interrogating Secondary Metabolite Interactions in Host-Microbe Symbioses	11/04/2016	1,975,251
Balunas, Marcy J	Hertz (Fannie and John) Foundation	Symbiotic Relationships between Trachymyrmex Septentrionalis Ants and Pseudonocardia Bacteria	12/01/2016	255,583
Bogner, Robin H	MedImmune	Identifying the Causes for Long Reconstitution Times: Phase II. Exploring a Multi-Factorial Prediction Method	12/15/2016	60,000
Bogner, Robin H	National Institute of Pharmaceutical Technology and Education	Development of NIPTE Industrial Training Program	10/20/2016	45,309
Hadden, Kyle	American Cancer Society	Development of Posaconazole Analogues to Treat Hedgehog Dependent Cancers	10/17/2016	163,500
Hadden, Kyle	DHHS/NIH/National Cancer Institute	Development of Posaconazole Analogues to Treat Hedgehog Dependent Cancers	12/08/2016	113,760
Kendall, Debra A	DHHS/NIH/National Institute on Drug Abuse	Biochemical Analysis of Novel Cannabinoid Type 2 Receptor Agonists for Pain Treatment	12/08/2016	172,926
Kendall, Debra A	DHHS/NIH/National Institutes of Health	Novel CB2 Selective Agonists: Can they Provide Enhanced Endocannabinoid-Like Cellular Responses?	10/28/2016	438,625

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Lu, Xiuling	NSF/National Science Foundation	Understanding the Intracellular Distribution of Nanocarriers and the Delivered Drug for Physiology-Guided Nanomaterial Design and Evaluation	10/20/2016	399,904
Pikal, Michael J	LFB USA	Impact of Antithrombin Process Changes and Analysis of Structural Changes	11/10/2016	105,000
Rasmussen, Theodore	Connecticut Innovations	Regulation of APO Genes by Long Non-Coding RNA	12/16/2016	200,000
Vinogradova, Olga	NSF/National Science Foundation	In-Vitro Studies of Src Kinase Mediated Integrin Signaling in Nanodiscs	11/16/2016	736,340
Wiemer, Andrew J	American Chemical Society	Herbicide Versus Immunological Activity of Small Organophosphorus Compounds	10/27/2016	250,000
Wiemer, Andrew J	DHHS/NIH/National Cancer Institute	Synthesis and Biological Evaluation of HMBPP Phosphonate Analogs and Prodrugs	12/08/2016	172,926
Wright, Dennis	BrightFocus Foundation/University of Connecticut Health Center	Novel IF Biomarker Probes for AMD	11/18/2016	15,822
Wright, Dennis	DHHS/NIH/National Eye Institute/University of Connecticut Health Center	Molecular Targets of Corneal Anti-Fibrosis	11/02/2016	44,577
Pharmacy Practice			1 Proposals	\$38,475
Steckowych, Kathryn M	Community Pharmacy Foundation	Improving Community Pharmacy and Primary Care Communication: The Impact of a Proactive Notification Program for Medication Non-Adherence and Care Transitions	11/03/2016	38,475
School of Social Work			3 Proposals	\$289,188
School of Social Work			3 Proposals	\$289,188
Parr, Kathryn E	CT Department of Children and Families/University of Connecticut Health Center	SIB Evaluation Project	12/07/2016	161,774
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	Evaluation of ASIST	10/07/2016	27,414
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	Mental Health & Addiction Services Research Development Initiative	10/10/2016	100,000
Academic and Service Programs			6 Proposals	\$1,567,446
Health Services			1 Proposals	\$154,206
Lafleur, Kelley	CT Department of Public Health	Social Norms Interventions for Tobacco Control in College Students	11/21/2016	154,206
Undergraduate Education			1 Proposals	\$257,500
Ulloa, Susana	ED/Department of Education	Upward Bound Program	11/23/2016	257,500
University Libraries			1 Proposals	\$60,232
Howser, Michael R	CT Office of Policy and Management	Connecticut State Data Center	10/05/2016	60,232
VP Graduate Education & Dean			2 Proposals	\$20,540
Holsinger, Kent E	NSF/National Science Foundation	Dissertation Research: Using Integrative Methods to Understand the Ecological and Evolutionary Effects of Climate Change	10/13/2016	20,540
Holsinger, Kent E	NSF/National Science Foundation	NRT-IGE: ICP & Individualized Planning for Career Development and Professional Growth	11/23/2016	0
VP Student Affairs			1 Proposals	\$1,074,968
Choi, Mun	NSF/National Science Foundation	Bridge to Doctorate: Northeast LSAMP BD at the University of Connecticut	10/14/2016	1,074,968
Vice President for Research			73 Proposals	\$47,157,259

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Center for Environmental Sciences and Engineering			8 Proposals	\$2,812,314
Helton, Ashley M	DOI/United States Geological Survey	Integrating Fine-Scale Field Measurements with Regional Groundwater Models to Predict Legacy Nitrogen Transport in Long Island Sound Watersheds	11/18/2016	23,925
Helton, Ashley M	NSF/National Science Foundation	Legacy Nitrogen and Groundwater Lags: The Effects of Historic Nitrogen Application on Contemporary Surface Water Quality	11/28/2016	495,398
Lawrence, Beth A	Long Island Sound Study	How will Sea Level Rise-Driven Shifts in Wetland Vegetation Alter Ecosystem Services?	10/03/2016	317,830
Li, Baikun	NSF/National Science Foundation	GOALI: WERF: Towards Energy-Saving Wastewater Treatment Through High-Fidelity Heterogeneity Profiling-Based Multiple-Zoning Control Methodology	10/20/2016	350,000
McKinney, Melissa A	North Pacific Research Board	Gut Microbiota, Parasite, and Contaminant Interactions in an Ice-Obligate Predator Experiencing Habitat and Diet Change	12/16/2016	274,889
Morzillo, Anita	NSF/National Science Foundation	CNH-S: Humans, Stormwater, and Climate: A Multi-Scale Approach for Integrating Biophysical and Socio-Political Dimensions in Urban Systems	11/15/2016	500,000
Wang, Guiling	DOC/National Oceanic and Atmospheric Administration	Advancing Drought Understanding and Prediction Based on the Threshold Behavior of Temperature-Precipitation Relationships	10/31/2016	432,537
Zhang, Chuanrong	DHHS/NIH/National Institutes of Health	A Smart Phone CyberGIS approach for Accounting for Spatial Uncertainty in Asthma and Air Pollution Association Analysis	11/16/2016	417,735
Connecticut Institute for Resilience and Climate Adaptation			1 Proposals	\$255,535
French, Rebecca A	DOC/National Oceanic and Atmospheric Administration	Development of Numerical and Community Capacity Building Tools to enhance Resilience in Connecticut's Economically Distressed Coastal Municipalities: An Evaluation of Flood Risk and Metrics for Adaptation Options in New London, CT	10/24/2016	255,535
Institute for Collaboration on Health, Intervention and Policy			27 Proposals	\$23,291,673
Buckley, Thomas E	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Connecticut Pharmacy WISEWOMAN Project	12/05/2016	60,000
Butler, Lisa M	DHHS/NIH/National Institute of Mental Health/Brigham and Women's Hospital	Randomized Controlled Trial of Standing Tall - A Community-Based Intervention to Improve Linkage, Retention and Health Outcomes for Newly Diagnosed HIV-Positive South African Youth	12/19/2016	70,049
Butler, Lisa M	DHHS/NIH/National Institute of Mental Health/University of California, San Francisco	Improving Uptake and Adherence to HIV Prevention Services with PrEP and HIV Self-Testing for HIV Negative High-Risk Young Women (Aged 15-24) in Kampala, Uganda	12/16/2016	62,525
Butler, Lisa M	DHHS/NIH/National Institutes of Health	A Multi-Component Food Security and Behavioral Intervention to Improve Maternal-Child Health Outcomes Among Primiparous Young HIV-Infected Women in Uganda	10/07/2016	568,696
Butler, Lisa M	DHHS/NIH/National Institutes of Health/Massachusetts General Hospital	Factors Associated with Neurobehavioral Outcomes in HIV-Exposed School-Age Children in Botswana	12/13/2016	503,864
Coelho, Carl A	DHHS/NIH/National Institutes of Health	Neuroassessment of Discourse Following TBI	10/05/2016	3,209,200
Cong, Xiaomei	American Association of Critical Care Nurses	Assessment and Management of Neonatal Abstinence Syndrome: A Bio-Genomic Pilot Study	10/12/2016	50,000
Elsaesser, Caitlin M	DHHS/NIH/National Institutes of Health	The Co-Occurrence of Peer Victimization and Community Violence Exposure during Adolescence: A Mixed Methods Examination of Common Risk Factors	10/14/2016	158,000
Fein, Deborah A	DHHS/NIH/National Institute of Child Health and Human Development/Drexel University	Connecting the Dots: An RCT Relating Standardized ASD Screening, Intervention Access, and Long-Term Outcomes	10/21/2016	3,082,218
Gans-Deluca, Kim	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	Enhancing Pediatric Obesity Treatment by Managing Comorbidities: The Pain and Weight Trial	11/08/2016	20,055

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Gibbons, Frederick	DHHS/NIH/National Institutes of Health	Contextual and Health Behavior Effects on Epigenetic Aging Among African Americans	11/15/2016	1,787,857
Harrison, Steven J	DHHS/NIH/National Institutes of Health/University of Cincinnati	Modeling the Behavioral Dynamics of Social Coordination and Joint Action	11/02/2016	12,500
Johnson, Blair T	DHHS/NIH/National Institute of Mental Health	Placebo Responding in Anti-Depressant Trials: Comprehensive Models	10/03/2016	2,017,087
Johnson, Blair T	DHHS/NIH/National Institutes of Health	Comprehensive Meta-Review of Meta-Analyses Focused on Antidepressant Efficacy	10/14/2016	100,000
Kalichman, Seth C	DHHS/NIH/National Institutes of Health/University of California, San Diego	Developing a Trauma-Responsive Peer Navigator Intervention for Alcohol-Using Women at Risk for or Living with HIV	12/14/2016	96,464
Lachlan, Kenneth A	DHHS/NIH/National Institutes of Health/University of Maryland, College Park	The Centrality of Diverse Families to Community Disaster Resilience	11/15/2016	48,942
Leahey, Tricia M	DHHS/NIH/National Institutes of Health	Peer Support for Weight Loss Maintenance	12/12/2016	3,890,568
Leahey, Tricia M	DHHS/NIH/National Institutes of Health/Rhode Island Hospital	Social Game and Financial Incentives for Smoking Cessation and Weight Maintenance	10/20/2016	344,723
Park, Crystal	Alex's Lemonade Stand Foundation	A Multilevel Perspective on Pediatric Cancer Survivor's Health Behaviors	10/14/2016	300,000
Park, Crystal	DHHS/NIH/National Cancer Institute	Multilevel Resilience Trajectories in the Transition to Cancer Survivorship	12/01/2016	3,377,016
Park, Crystal	DHHS/NIH/National Cancer Institute	Stress and Self-Regulation of Negative Affect as Predictors of Health Behaviors	10/14/2016	2,057,101
Park, Crystal	DHHS/NIH/National Institutes of Health	MATTERS (Mindful Alternative Treatments To Effectively Reduce Substance Use/Abuse)	11/18/2016	715,465
Pescatello, Linda S	Seabury Charitable Foundation	A Comparison of the Practice of Two Tai Chi Interventions Tailored for Different Health Outcomes	12/16/2016	7,000
Schwartz, Marlene B	DHHS/NIH/National Institutes of Health/University of Pennsylvania	Communicating the Health Risks of Sugar-Sweetened Beverages	10/21/2016	227,139
Schwartz, Marlene B	Johnson (Robert Wood) Foundation	Updating the Wellness School Assessment Tool: WellSAT 3.0	10/10/2016	189,275
Schwartz, Marlene B	Johnson (Robert Wood) Foundation/Food Trust	The Role of the Emergency Food System in Promoting Health Equity and a Culture of Health	10/04/2016	49,982
Wang, Fei	CT Department of Public Health	Best Practices in Tobacco Use Prevention and Control	11/21/2016	285,947
Institute of Materials Science			34 Proposals	\$20,708,723
Adamson, Douglas	DHHS/NIH/National Institutes of Health	Low Friction Surfaces for Weight Bearing Surfaces	10/17/2016	413,640
Adamson, Douglas	NSF/National Science Foundation	Collaborative Research: Grafting through Mechanism for Dense and Low Dispersity Surface Initiated Polymer Brushes	10/31/2016	346,388
Alpay, Pamir	DOD/Air Force Office of Scientific Research/Virginia Polytechnic Institute and State University	Theoretical Insight and Materials-by-Design for NATONS (Nanostructured Adaptive and Tunable Oxides-based Neural Synapse)	11/04/2016	930,628
Alpay, Pamir	United Technologies-Aerospace Systems	UTAS Center for Excellence: Subproject: Quasicrystal-Strengthened Al Alloys for Structural Applications and Coatings	11/23/2016	411,911
Burke, Kelly A	American Chemical Society/Petroleum Research Fund	Structure Development in Main-Chain Liquid Crystalline Polymer Gel Networks	10/20/2016	110,000
Burke, Kelly A	NSF/National Science Foundation	Collaborative Research: Cellular Responses to Viscoelasticity in Liquid Crystalline Networks	10/31/2016	338,921
Cao, Yang	General Electric Company	Computation of Gas Dynamics and Measurement of Gas Temperature in Low Voltage Circuit Breakers	12/02/2016	100,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Dongare, Avinash M	DOD/NAVY/Office of Naval Research	Unraveling the Potential of Phase Change Materials for RF and Neuromorphic Computing Applications	11/04/2016	510,000
Gao, Puxian	DOE/Department of Energy	AOI [3] (Metal Oxide Nano-Array Integrated Monolithic Catalysts for Scalable and Selective Low Temperature and Low Pressure Thermochemical CO2 Utilization)	10/03/2016	800,000
Gao, Puxian	DOE/Department of Energy	Distributed Nano-array Architectures for In Situ, Real-time and Dynamic Interrogation of the Fuel Effects on Diesel Particulate Filter Regeneration	10/17/2016	600,000
Gao, Puxian	NSF/National Science Foundation	Low-PGM loaded Titanium Oxide based Nano-array Monoliths for Ultra-Efficient and Robust Low Temperature Diesel Oxidation	10/11/2016	200,000
Gao, Puxian	NSF/National Science Foundation	SusChEM: Understanding Chemical and Structural Effects in Metal Oxide Nano-Array Catalysts for Low-Temperature Diesel Oxidation	10/20/2016	455,659
Gao, Puxian	NSF/National Science Foundation/3D Array Technology	Ultralow PGM Loading Nano-Array/Wash-Coat Hybrid Oxidation Catalysts	11/30/2016	112,500
Han, Martin	DHHS/NIH/National Institutes of Health/University of Southern California	Self-Focusing Acoustic Transducers for Non-Invasive Neuromodulation	11/23/2016	720,270
He, Jie	NSF/National Science Foundation	Designing Nanostructures of Mesoporous Transition Metal Oxide/Noble Metal Catalysts Towards Plasmon-Enhanced Solar Water Splitting	10/20/2016	424,160
He, Jie	NSF/National Science Foundation	Tadpole Block Copolymer Architecture Effect on Thermodynamics and Chain Exchange Kinetics Between Pure and Mixed Micelles: Synthesis, Characterization and Computer Modeling	10/31/2016	494,457
Hebert, Rainer J	DOD/Navy/Naval Surface Warfare Center	Defect Detection, Rationalization, and Characterization for Additively Manufactured 316 Stainless Steel	10/31/2016	383,792
Huey, Bryan	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Characterization and Mapping of Acoustic Radiation Force for Cell Therapy for Bone Repair	12/02/2016	270,427
Huey, Bryan	NSF/National Science Foundation	Fundamental Approaches for Enhancing Polycrystalline Photovoltaics through Nanoscale Tomographic Performance Mapping	11/01/2016	409,535
Huey, Bryan	United States-Israel Binational Science Foundation/Technion Israel Institute of Technology	NSOM and CT-AFM to Improve Polycrystalline Solar Cell Performance	11/17/2016	100,007
Lee, Seok-Woo	DOE/Department of Energy	Mechanical Properties of Metals at the Micrometer Scale in Different Environments	12/08/2016	410,149
Nakhmanson, Serge M	NSF/National Science Foundation	CDS&E: Computational Tools for Simulating Non-Linear Materials Behavior at Mesoscale	12/15/2016	302,992
Nieh, Mu-Ping	NSF/National Science Foundation	Rational Design of Smart, High-Efficacy, Self-Assembled and Well-Defined Lipid-Based Theranostic Nanoclusters	10/31/2016	379,534
Papadimitrakopoulos, Fotios	NSF/National Science Foundation	Integrating Metabolic Patterning into General Wellness Devices	10/14/2016	
Pettes, Michael T	DOE/Department of Energy	Electronic Transport in Thermodynamically Stable and Unstable Two-Dimensional Materials at far from Mechanical Equilibrium Conditions	10/27/2016	375,000
Pettes, Michael T	NSF/National Science Foundation	Collaborative Research: Thermal Conduction in Mesoporous Semiconductors	10/20/2016	175,000
Pettes, Michael T	NSF/National Science Foundation	Uncovering Barriers to Reproducibility and Reliability in Two-Dimensional Nanoelectronics: The Role of Strain	10/28/2016	275,000
Ramprasad, Ramamurthy	DOD/Department of the Navy	Tracking, Diagnosing and Arresting Dielectric Breakdown Using Multiscale Characterization and Simulations	11/10/2016	7,500,000
Ramprasad, Ramamurthy	Toyota Research Institute	Rational Computation-Guided Design of Polymers	12/15/2016	581,406
Suib, Steven L	General Electric Company	GE-Energy	12/09/2016	100,000

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Sun, Luyi	NSF/National Science Foundation	Bio-Inspired Moisture-Activated Wrinkling Surfaces with Tunable Optical Properties	10/31/2016	567,392
Wei, Mei	NSF/National Science Foundation	INSPIRE: Tunable Magnetic Nanoworm Platform for Enhanced Delivery of Therapeutic Payloads to Tumors	12/22/2016	1,000,000
Wei, Mei	NSF/National Science Foundation	Integrated Modeling and Experimental Approaches for Design and Fabrication of Novel Bioresorbable Composites for Load-Bearing Bone Fixation Applications	10/20/2016	431,256
Wells, Barrett O	NSF/National Science Foundation	Negative Thermal Expansion Materials as Tool and Topic for Film Studies	10/31/2016	478,699
Northeast Undersea Research Technology and Education Center			1 Proposals	\$18,036
Babb, Ivar G	Commonwealth Scientific and Industrial Research Organisation (CSIRO) - Australia	Fabrication Services for the Development of a Pair of 18-Quiver Sample Carousel Systems	12/23/2016	18,036
Sea Grant College Program			2 Proposals	\$70,978
Barrett, Juliana	DOC/National Oceanic and Atmospheric Administration	2016 Connecticut Sea Grant Resilience Competition: Why Should I Evacuate? And if I do Evacuate, Where do I Go?	11/25/2016	20,000
Deguisse, Sylvain	Morris Animal Foundation	Cytokine Shift in Bottlenose Dolphins Following Exposure to Cetacean Morbillivirus (CeMV)	11/16/2016	50,978
University of Connecticut - Storrs & Regional			424 Proposals	\$186,082,493
School of Dental Medicine			19 Proposals	\$12,364,464
Craniofacial Sciences			4 Proposals	\$545,552
Chang, Joy	American Association of Orthodontists Foundation	Effects of sustained release of RANKL on orthodontic tooth movement	12/12/2016	5,000
Yadav, Sumit	American Association of Orthodontists Foundation	PTH mediated regulation of the chondrogenic lineage in the Mandibular Condylar Cartilage	12/01/2016	30,000
Yadav, Sumit	Connecticut Innovations	Modulation of progenitor cells of the Mandibular Condylar Cartilage by PTH	12/13/2016	200,000
Yadav, Sumit	DHHS/NIH/National Institutes of Health	Role of PTH on the chondrogenic Lineage in Mandibular Condylar Cartilage	10/13/2016	310,552
Oral Health and Diagnostic Sciences			3 Proposals	\$4,914,513
Aseltine, Robert H	DHHS/NIH/National Institutes of Health	Improving the Identification of Patients at Risk of Suicide	10/28/2016	4,803,723
Aseltine, Robert H	Renaissance Health Service Corporation	Utilization of Dental Imaging During the Past 20 Years - Part II	12/21/2016	62,543
Tadinada, Satyashankara Aditya	DHHS/NIH/National Institutes of Health	Preliminary Safety Study of Botulinum Toxin for Treatment of Myofascial TMJD Pain	12/15/2016	48,247
Reconstructive Sciences			12 Proposals	\$6,904,399
Dealy, Caroline N	Connecticut Innovations	Understanding Stem Cell Responses in Mammalian Limb Regeneration	12/14/2016	750,000
Dutra, Eliane H	American Association of Orthodontists Foundation	Long-term effects of Botox injections into the muscles of mastication in the mandibular condylar cartilage	12/13/2016	20,000
Dutra, Eliane H	Colgate Palmolive Company	The effects of Botox injection in alleviating temporomandibular joint disorder	11/29/2016	34,500
Kalajzic, Ivo	DHHS/NIH/National Institutes of Health	PTH resistance and marrow adipogenesis	12/01/2016	43,216
Kuhn, Liisa T	Connecticut Innovations	Translating Engineered Embryonic Bone Matrix to a Bone Healing Product	12/14/2016	551,757
Kuhn, Liisa T	DHHS/NIH/National Institutes of Health	Engineering embryonic-like bone matrix for bone regeneration	12/05/2016	443,301
Laurencin, Cato	DHHS/NIH/National Institutes of Health	A Translational Approach Towards Ligament Regeneration	12/16/2016	353,191
Maye, Peter F	Connecticut Innovations	Bone Regenerative using Pluripotent Stem Cell Derived Skeletal Progenitors	12/08/2016	750,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Maye, Peter F	DHHS/NIH/National Institutes of Health	Digital Framework for Annotating Target Genes through Deep Pathway Analysis	12/22/2016	138,068
Rowe, David W	DHHS/NIH/National Institutes of Health	Target correction of dominant mutations of type 1 collagen causing severe OI	11/01/2016	3,371,741
Rowe, David W	DHHS/NIH/National Institutes of Health	Use of iPS-derived osteoblast and osteoclasts to discriminate between candidate genes obtained by WES as a...	11/14/2016	438,625
Rowe, David W	OrteoPoniX	OrteoPoniX	10/18/2016	10,000
School of Medicine			157 Proposals	\$113,196,781
Calhoun Cardiology Center - CCC			8 Proposals	\$5,452,024
Dodge-Kafka, Kimberly L	DHHS/NIH/National Institutes of Health	Anchored Phosphatase and Transcription Factor Regulation in the heart. Parent Log # 20150140	12/08/2016	387,950
Dodge-Kafka, Kimberly L	DHHS/NIH/National Institutes of Health	Anchored Phosphatase and Transcription Factor Regulation in the heart. Parent Log # 20150140	12/08/2016	144,988
Hinson, John Travis	Connecticut Innovations	Single-Cell Resolution of Cardiac Remodeling and Regeneration in Human Cardiac Tissues Using Drop-Seq	12/13/2016	200,000
Hinson, John Travis	DHHS/NIH/National Institutes of Health	Characterizing Functional Regulatory Elements Required for Heart Development via 3D Chromatic Organization	12/19/2016	78,750
Hinson, John Travis	DHHS/NIH/National Institutes of Health	Metabolic and developmental regulation of AMPK in PRKAG2-associated cardiomyopathy. Parent Log #20160174. Award No. 5K08HL125807-04	10/11/2016	177,120
Petry, Nancy M	DHHS/NIH/National Institutes of Health	A psychotherapy development study for a new addictive disorder	10/31/2016	438,625
Petry, Nancy M	DHHS/NIH/National Institutes of Health	Reducing drinking in methadone patients	10/06/2016	3,874,591
Yue, Lixia	DHHS/NIH/National Institutes of Health	Functional Analysis of the Bifunctional Ion Channel and Kinase TRPM	10/18/2016	150,000
Cell Analysis Modeling - CCAM			3 Proposals	\$2,092,044
Loew, Leslie M	DHHS/NIH/National Institutes of Health	High sensitivity voltage sensitive dyes for photoacoustic sensing of brain electrical activity	12/21/2016	1,996,383
Loew, Leslie M	DHHS/NIH/National Institutes of Health	Imaging in vivo neurotransmitter modulation of brain network activity on realtime	12/05/2016	17,345
Loew, Leslie M	DHHS/NIH/National Institutes of Health	Nerve-Sparing Robot-Assisted Radical Prostatectomy Using Neuromodulation-Based Nerve Localization for	10/14/2016	78,316
Cell Biology			9 Proposals	\$7,447,201
Epstein, Paul	Smart Family Foundation	Targeting PDE8 for Treatment of Autoimmune Diseases	10/11/2016	25,000
Jaffe, Laurinda	ImpactAssets	Physiological Functions of the NPR2 Guanylyl Cyclase	12/21/2016	278,956
Mehlmann, Lisa M	DHHS/NIH/National Institutes of Health	Cytoplasmic Maturation in Mouse Oocytes	10/25/2016	1,972,973
Mehlmann, Lisa M	ImpactAssets	Role of Gpr3 in the Acquisition of Meiotic Competence and in Maintain Meiotic Arrest. Parent Log # 20150112	10/03/2016	27,634
Pachter, Joel	DHHS/NIH/National Institutes of Health	Regulation of CNS leukocyte extravasation	10/24/2016	2,505,436
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health	The Role of Methyl Donor in Cancer Risk	10/04/2016	2,034,296
Terasaki, Mark R	DHHS/NIH/National Institutes of Health	Role of glial cells in normal and abnormal central sound processing	11/17/2016	159,500
White, Bruce A	DHHS/NIH/National Institutes of Health	Alcohol Metabolism and the Divergent Risks for Breast Cancer Subtypes	10/03/2016	427,760
White, Bruce A	ImpactAssets	The Regulation of Lactate Metabolism by Epithelial-Mesenchymal Transition (EMT). Parent Log # 20150114	10/21/2016	15,646

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Center for Molecular Medicine			6 Proposals	\$7,205,677
Hansen, Marc F	Connecticut Innovations	Modeling craniofacial osteosarcoma in neural crest stem cells	12/13/2016	1,000,000
Hansen, Marc F	DHHS/NIH/National Institutes of Health	Therapeutic Approaches Targeting Impaired Endosomal Degradation Osteosarcoma	11/29/2016	1,993,750
Heinen, Christopher D	Connecticut Innovations	Adult Stem Cell Derived Organoids as a Model to Study Pre-Cancerous Intestinal Cells	12/14/2016	750,000
Heinen, Christopher D	DHHS/NIH/National Institutes of Health	Predicting Vulnerabilities in Mismatch Repair-Defective Intestinal Cells	11/16/2016	2,686,200
Rosenberg, Daniel W	Connecticut Innovations	Microbial-epithelial cross-talk modulates UC phenotype via DNA methylation of colon stem cells	12/16/2016	750,000
Rosenberg, Daniel W	Thetis Pharmaceuticals	Treatment with novel Thetis n-3 PUFA compounds, TP-252 (EPA) to test regression of adenomatous polyps. Parent Log # 20150708	11/10/2016	25,727
Center for Public Health			1 Proposals	\$1,384
Ferris, Ann	CT Department of Public Health	State Public Health Actions . Parent Logs# 20130245 and 20130246	12/09/2016	1,384
Center for Quantitative Medicine			2 Proposals	\$226,289
Konstorum, Anna	DHHS/NIH/National Institutes of Health	Multiscale modeling of synergistic T cell activation for cancer immunotherapy	11/28/2016	177,222
Vera-Licona, Martha Paola	DHHS/NIH/National Institutes of Health	A novel approach to Early Diagnosis Discovery in a Diverse Murine model of Anthracycline Cardiotoxicity using the Collaborative Cross (CC) mice	11/09/2016	49,067
Center for Vascular Biology			11 Proposals	\$9,139,517
Caromile, Leslie A	DHHS/NIH/National Institutes of Health	Therapeutic Targeting of Signal Transduction Pathways in PC	10/24/2016	159,500
Fong, Guo-Hua	DHHS/NIH/National Institutes of Health	Molecularly Regulated Release of Angiogenic Factors for Superporous Hydrogels. Parent Log # 20140700. Award No. S:5275-UHC-DHHS-2311/Prime: R01HL122311	10/13/2016	106,458
Han, David K	Connecticut Innovations	Therapeutic Antibodies Targeting Breast Cancer Stem Cells	12/14/2016	200,000
Han, David K	DHHS/NIH/National Institutes of Health	Immune Regulation of Remyelination in Multiple Sclerosis	10/04/2016	1,998,670
Rodriguez-Oquendo, Annabelle	Health Resources in Action (HRiA)	Immune Checkpoint Inhibition and Atherosclerosis	10/03/2016	140,000
Shapiro, Linda H	Connecticut Children's Medical Center	Shapiro Research Support. Award No. 17-010226-05	12/14/2016	76,948
Shapiro, Linda H	DHHS/NIH/National Cancer Institute	Identifying and Targeting Neuroblastoma Escape Mechanisms to Sphingolipid-Differentiating Agent Based Therapy	11/23/2016	3,348,221
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Biomarkers and treatment of renal injury in newborns with congenital urinary anomalies	10/03/2016	2,643,736
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Endocytic Regulation of Inflammation (Anisha Lewis)	10/03/2016	60,291
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Immune Evasion in Embryonic Stem Cell-based Tissue Repair and Transplantation (Danica Anukam)	10/03/2016	60,291
Shapiro, Linda H	DHHS/NIH/National Institutes of Health	Sphingosine-1-Phosphate Pathway Based Therapy for Neuroblastoma. Parent Log # 20110707(Dr. Ferrer) Award No. 4R01CA168903-05 Revised	12/13/2016	345,402
Clinical And Translational Science Institute (CTSI)			2 Proposals	\$1,375,643
Kuo, Chia-Ling	DHHS/NIH/National Institutes of Health	A Novel Approach to Early Diagnosis Discovery in a Diverse Model of Anthracycline Cardiotoxicity Using the Collaborative Cross (CC) Mice	11/02/2016	105,119
Kuo, Chia-Ling	DHHS/NIH/National Institutes of Health	Asthma Neighborhood: Reducing Disparities, Empowering Families	10/21/2016	1,270,524

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Community Medicine and Health Care			6 Proposals	\$2,037,569
Durante, Amanda J	Associaton for Prevention Teaching and Research	Inter-professional management of tuberculosis in an undocumented individual: challenges and strategies	10/24/2016	6,000
Durante, Amanda J	DHHS/CDC/Centers for Disease Control and Prevention	Infectious Disease Epidemiology Services: Public Health Surveillance & Monitoring, Advance Epidemiology	12/21/2016	41,789
Schensul, Stephen L	DHHS/NIH/National Institute of Mental Health	Alcohol and ART Adherence: Assessment, Intervention and Modeling in India	11/29/2016	626,230
Swede, Helen	DHHS/NIH/National Cancer Institute	Is the Sickle Cell Trait Genotype an Explanatory Factor in Cancer Survival Disparities?	10/17/2016	445,849
Ungemack, Jane A	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	ASSERT Performance Assessment	12/07/2016	387,388
Ungemack, Jane A	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration	ASSERT Youth Coordinator	12/07/2016	530,313
Dermatology			5 Proposals	\$121,510
Strober, Bruce	AbbVie Pharmaceuticals	2017 AbbVie Grant for Dermatology Residents to use for Travel and Housing Assistance for the AAD Annual Meeting. Award No. 29194	10/26/2016	15,940
Strober, Bruce	AbbVie Pharmaceuticals	Fellowship Support	12/15/2016	50,000
Strober, Bruce	American Academy of Dermatology	AAD Residents Travel and Housing Assistance Program	12/15/2016	3,000
Strober, Bruce	Amgen	"Exploring Effective use of the PSI in Clinical Care Settings" Protocol #HRA 2321A	11/17/2016	2,570
Strober, Bruce	Janssen Pharmaceutica	Fellowship Support	12/15/2016	50,000
Family Medicine			1 Proposals	\$157,492
Agresta, Thomas P	DHHS/NIH/National Institutes of Health	The Asthma Neighborhood: Eliminating Disparities, Empowering Families	10/24/2016	157,492
Genetics and Developmental Biology			13 Proposals	\$10,360,068
Chamberlain, Stormy J	DHHS/NIH/National Institutes of Health	Regulation of UBE3A genomic printing	10/31/2016	2,641,899
Germain, Noelle	Connecticut Innovations	Using single cell sequencing of pluripotent stem cell-derived cerebral organoids to characterize population structure...	12/13/2016	200,000
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	High throughput validation of functional variants that affect pre-mRNA splicing. Parent Log # 20150115 Award No. 5R21HG008799-02	10/11/2016	199,375
Graveley, Brenton R	DHHS/NIH/National Institutes of Health	Monitoring Variation in Mixtures of Long RNAs with End-to-End RT Sequencing	11/04/2016	786,990
Gunzl, Arthur	DHHS/NIH/National Institutes of Health	RNA Metabolism in Trypanosomes. Parent Log #20150025	10/31/2016	142,993
Lalande, Marc E	Connecticut Innovations	UConn-Wesleyan Stem Cell Core	12/13/2016	1,000,000
Lalande, Marc E	Prader-Willi Syndrome Association	Models of PWS in rhesus monkey embryonic stem cells	11/15/2016	107,604
Li, Yuanhao	DHHS/NIH/National Institutes of Health	Conserved regulation of cerebellar Bergmann glia and neocortical basal radial glia	11/01/2016	2,439,598
Pinter, Stefan F	Connecticut Innovations	Safeguarding against Inactive X Erosion in Human Pluripotency	12/09/2016	200,000
Pinter, Stefan F	DHHS/NIH/National Institutes of Health	Mechanisms of escaping X chromosome inactivation and translation to X-linked disease	10/25/2016	1,972,970
Rogina, Blanka	Connecticut Innovations	Use of Human Induced Pluripotent Stem Cells derived neurons to study the role of SLC13A5 mutations in ...	12/08/2016	200,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Rogina, Blanka	DHHS/NIH/National Institutes of Health	Investigating the Molecular Mechanisms of Caloric Restriction	11/09/2016	438,625
Young, Erin	DHHS/NIH/National Institute of Mental Health	Center for Accelerating Precision Pain Self-Management	12/09/2016	30,014
Immunology			10 Proposals	\$6,995,737
Adler, Adam J	DHHS/NIH/National Institutes of Health	Characterization of a Novel Castration-Resistant Metastatic Prostate Cancer Model for Dual Costimulation Immunotherapy	10/27/2016	1,794,375
Khanna, Kamal	DOD/Department of Defense	Mechanisms and Therapeutic Implications of the Pregnane X Receptor Targeting Indole Bacterial Metabolites in Inflammatory Bowel Disease	10/12/2016	1,184,515
Matson, Adam	DHHS/NIH/National Institutes of Health	Multi-Omics Analysis of Pain/Stress Impact on Neurodevelopment in Preterm Infants	11/18/2016	316,448
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	IRAK4 and Sytemic Lupus Erythematosus	10/07/2016	398,750
Rathinam, Vijay	Hood (Charles H.) Foundation	Inflammatory Mechanisms in Enteric Bacterial Disease	10/21/2016	75,000
Vella, Anthony T	DHHS/NIH/National Institutes of Health	Agumenting T-Cell Responses of VLV-Based HBV Vaccines with Co-stimulatory Molecules	12/21/2016	103,675
Wang, Kepeng	Connecticut Innovations	The role of IL-17-mediated inflammation in colorectal cancer stem cell development	12/13/2016	200,000
Zhou, Beiyan	Connecticut Innovations	Epigenetic impact of obesity on adipose tissue mesenchymal stem cells	12/13/2016	750,000
Zhou, Beiyan	Connecticut Innovations	microRNA regulated myelopoiesis in obesity	12/14/2016	200,000
Zhou, Beiyan	DHHS/NIH/National Institutes of Health	A novel mechanism of micro RNA regulated adipose tissue B cell function in obesity	10/31/2016	1,972,974
Medicine			13 Proposals	\$13,263,062
Cherniack, Martin G	NSF/National Science Foundation	Advanced Medico-technical Partnership in Prosthetics from UConn and Travelers (AMPPUT)	11/14/2016	999,927
Chhabra, Arvind	Connecticut Innovations	Generation of Functional Antigen Presenting Cells (APC) From Induced Pluripotent Stem Cell (iPSC) Lines of Young...	12/06/2016	750,000
Dieckhaus, Kevin D	CT Department of Public Health	Treatment Adherence/Med Case Management	12/07/2016	2,431,984
Dieckhaus, Kevin D	DHHS/HRSA/Health Resources and Services Administration	Preventive Medicine Residencies: Travel Medicine Rotation. Parent Log # 20140649 Award No. Prime D33HP26994	10/12/2016	32,000
Dugan, Alicia	DHHS/CDC/National Institute for Occupational Safety and Health	Developing an integrated workplace health protection/health promotion program to improve the health of social services	11/04/2016	45,342
Hurley, Marja	DHHS/NIH/National Institutes of Health	Modulators of Bone Regeneration in Mice	10/14/2016	1,993,750
Kim, Insoo	Magna	Pilot Study on Driver's Cognitive Loads and Drowsiness Monitoring	11/09/2016	111,393
Oncken, Cheryl	DHHS/NIH/National Institutes of Health	Electronic Cigarette Use During Pregnancy	10/26/2016	3,961,307
Oncken, Cheryl	DHHS/NIH/National Institutes of Health	Sustained release bupropion for smoking cessation during pregnancy	10/05/2016	1,443,736
Radolf, Justin D	DHHS/NIH/National Institutes of Health	RpoS Regulationo f Borrelia burgdorferi Genes in vivo. Parent Log # 20120487	12/08/2016	530,238
Trestman, Robert L	DHHS/CDC/Centers for Disease Control and Prevention	Subcontract for services ursuant to the provision of the CMHC HIV prevention program in CDOC. Parent Log # 20120909. Award No. DPH Log# 2013-0115-2	10/07/2016	514,273
Trestman, Robert L	Gilead Sciences	HIV and Hepatitis Screen in CT State Jails	12/22/2016	293,080
Villagra, Victor	Connecticut Health Foundation	Equal Coverage to Care Coalition (EC2C)	12/20/2016	156,032
Molecular Biology & Biophysics			6 Proposals	\$1,272,845

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Klobutcher, Lawrence A	Moore (Gordon and Betty) Foundation	Genetic Manipulation of Marine Ciliates. Parent Log # 20150267. Prime Award No. # 4986	12/07/2016	11,902
Paul, Bibbin	Marsha Rivkin Center for Ovarian Cancer Research	SideroflecN4: a novel regulator of iron metabolism in ovarian cancer	11/17/2016	75,000
Setlow, Peter	DOD/Defense Threat Reduction Agency	Testing of New Agent Defeat Formulations to Kill Bacterial Spores and Determination of Kill Mechanisms. Parent Log # 20140241 Award No.HDTRA1-15-1-0008 Amendment P0002	11/23/2016	349,581
Setlow, Peter	DOD/Department of Defense	Metabolic Activities in Dormant Spores of Bacillus Species. Parent Log # 20150273 Award No. W911NF-16-1-0024 Amendment P0001	12/01/2016	75,000
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Developing Multi-targeting Antiviral Agents Against Herpes Simplex 1	12/22/2016	120,000
Weller, Sandra K	DHHS/NIH/National Institutes of Health	Genetics of HSV DNA Replications. Parent Log #20130143. Award No. 5R01AI021747-32	10/06/2016	641,362
NEAG Cancer Center (SOM)			4 Proposals	\$775,065
Andemariam, Biree	CT Department of Public Health	Sickle Cell Disease and Trait Community Outreach Program	11/03/2016	21,364
Andemariam, Biree	University of North Carolina, Chapel Hill	TEAM Sickle Cell: Transitioning Emerging Adults with Sickle Cell Using eHealth Intervention Models	11/21/2016	175,000
Brewer, Molly A	DHHS/NIH/National Institutes of Health	Mechanisms Driving Cortical Cytoskeleton Dynamics in Cancer Cell Invasion	10/13/2016	113,014
Wasser, Jeffrey	Pfizer	"A Phase 1, Open-Label, Dose Escalation Study of PF-04518600 as a Single Agent and in Combination with PF-05082566 in Patients with Selected Locally Advanced or Metastatic Carcinomas"	10/31/2016	465,687
Neurology			1 Proposals	\$543,568
Wolfson, Leslie I	DHHS/NIH/National Institutes of Health	Intensive Blood Pressure Reduction to Lessen Functional Decline	12/08/2016	543,568
Neuroscience			12 Proposals	\$7,660,517
Antic, Srdjan D	Connecticut Innovations	Schizophrenia Biomarkers-Based on Electrical Activity	12/12/2016	750,000
Antic, Srdjan D	DHHS/NIH/National Institutes of Health	Connexin Channels in Human Neurons. Parent Log # 20150124. Award No. 5R21MH104775-02	10/11/2016	195,877
Bernstein, Leslie	DOD/Navy/Office of Naval Research	Behavioral Measures of the Precision of Coding on Interaural Temporal Disparities in Human Listeners. Parent Log # 20150035. Award No. N00014-15-1-2140 / Mod. #P00002	10/26/2016	375,149
Crocker, Stephen J	DHHS/NIH/National Institutes of Health	Regulation of Microgliosis in Globoid Cell Leukodystrophy	10/11/2016	1,989,845
Guzzo, Rosaria	Connecticut Innovations	Development of a novel cell based assay for drug screening in primary progressive multiple sclerosis	12/12/2016	750,000
Levine, Eric S	Connecticut Innovations	Therapeutic potential of targeting UBE3A in Angelman syndrom	12/12/2016	200,000
Mohan, Royce	BrightFocus Foundation	Novel IF Biomarker Probes for AMD	11/17/2016	160,000
Mohan, Royce	DHHS/NIH/National Eye Institute	Molecular Targets of Corneal anti-fibrosis	11/04/2016	2,282,823
Trakhtenberg, Feliks	BrightFocus Foundation	The molecular mechanisms of optic nerve regeneration	11/15/2016	150,000
Trakhtenberg, Feliks	Connecticut Innovations	Gene therapy for axonal optic nerve tissue regeneration	12/12/2016	200,000
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Transcriptional regulators of the developmental loss of retinal ganglion cell's intrinsic axon growth and regeneration capacity	10/11/2016	438,625
Yeh, Mason L	DHHS/NIH/National Institutes of Health	Role of endocannabinoids in effects of prenatal ethanol on cortical development	11/30/2016	168,198

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Obstetrics and Gynecology			2 Proposals	\$230,000
Campbell, Winston A	Connecticut Innovations	Non-Invasive Cerclage (Dr. Townsel)	10/31/2016	30,000
Nold, Christopher	Connecticut Innovations	The Use of Amniotic Fluid Mesenchymal Stem Cells to Prevent Preterm Birth	12/13/2016	200,000
Orthopaedic Surgery			19 Proposals	\$13,043,612
Arciero, Robert A	DOD/Department of Defense	Surgical Timing and Rehabilitation for Multiple Ligament Knee Injuries: A Multicenter integrated Clinical Trial...	11/16/2016	63,641
Canalis, Ernesto	DHHS/NIH/National Institutes of Health	The Skeleton of Lateral Menigocele Syndrome	12/09/2016	2,381,567
Hurley, Marja	DHHS/NIH/National Institutes of Health	FGF2Isoforms in Bone and Phosphate Homeostasis	11/16/2016	1,993,750
Khan, Yusuf M	DHHS/NIH/National Institutes of Health	Mechanically Stimulated Cell Therapy for Bone Repair	12/07/2016	1,958,534
Khan, Yusuf M	DOD/Department of Defense	Functionalized allograft for large scale bone defect healing. Parent Log #20120494	10/21/2016	22,000
Kumbar, Sangamesh G	Connecticut Innovations	Ionically Conducting Grafts for the Delivery of Stem Cells and Electric Stimulus for Peripheral Nerve Regeneration	12/07/2016	200,000
Kumbar, Sangamesh G	DOD/Department of Defense	Biomimetic Nanofibrous Constructs for Enhancing Bone Regeneration	10/14/2016	958,043
Kumbar, Sangamesh G	DOD/Department of Defense	Enhancement of nerve regeneration through co-delivery of factors and stem cells from tissue engineered nerve...	11/17/2016	400,000
Kumbar, Sangamesh G	DOD/Department of Defense	Multi-channel Nerve Guidance Conduits Functionalized with Schwann Cells Derived Extracellular Matrix for...	11/17/2016	120,000
Laurencin, Cato	DHHS/NIH/National Institutes of Health	Bionic Self-Stimulated Cartilage	10/12/2016	121,519
Laurencin, Cato	DHHS/NIH/National Institutes of Health	Osteomimetic phosphate graphene as cell-instructive scaffolds for bone regeneration	10/12/2016	117,264
Laurencin, Cato	NSF/National Science Foundation	EFRI Research Experience and Mentoring	11/10/2016	99,156
Lo, Wai Hong	Connecticut Innovations	Biodegradable self-powered electrical stimulator for stem-cells based bone regeneration	12/05/2016	83,845
Lo, Wai Hong	Connecticut Innovations	Rapid Delivery of Approved Small Molecules for Regenerating Long Bone Fractures	12/05/2016	750,000
Loew, Leslie M	NSF/National Science Foundation	Collaborative Research: Modeling Spatiotemporal Control of EGFR-ERK Signaling in Gene-edited Cell Systems	11/14/2016	320,342
Nukavarapu, Syam	Connecticut Innovations	A Novel Matrix System for Bedside Tissue Engineering Using Patient-derived Biomaterial and Stem Cells	12/09/2016	749,907
Nukavarapu, Syam	DHHS/NIH/National Institutes of Health	Unique Matrix Platform for an Integrated Bone-Cartilage Interface Regeneration	10/17/2016	1,974,149
Salazar, Juan C	CT Department of Public Health	TBD	12/20/2016	291,270
Zanotti, Stefano	DHHS/NIH/National Institutes of Health	role of Notch in Intervertebral Disc Degeneration	10/06/2016	438,625
Pediatrics			8 Proposals	\$4,576,986
Cloutier, Michelle	DHHS/NIH/National Institutes of Health	The Asthma Neighborhood: Eliminating Disparities, Empowering Families	11/02/2016	458,327
Finck, Christine M	Connecticut Innovations	Investigating the Use of Amniotic Fluid as a Source of Mesenchymal Stem Cells for Esophageal Replacement and Their Role	12/07/2016	750,000
Germain-Lee, Emily L	Connecticut Innovations	Patient-specific iPSC cells as a diagnostic platform for rare disorders of the skeleton	12/08/2016	1,500,000

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Germain-Lee, Emily L	DHHS/FDA/Food and Drug Administration	Albright Hereditary Osteodystrophy: From Natural History to Therapeutic Advancement	10/11/2016	636,285
Matson, Adam	DHHS/NIH/National Institutes of Health	Regulation of Neonatal Dendritic Cells by Bystander FcRI Activation	11/07/2016	455,244
Sajej, Wael	DHHS/NIH/National Institutes of Health	Utilizing a biomimetic system to characterize and investigate the role of esophageal epithelial cells in eosinophilic...	11/10/2016	456,823
Tang-Schomer, Min	Connecticut Innovations	Towards Brain Tissue Regeneration: Development of Functional Neuronal Circuits with Induced Pluripotent Stem Cell...	12/15/2016	199,996
Tang-Schomer, Min	NSF/National Science Foundation	Micro-mechanical Analysis of Evolving Heterogeneity in 3D Normal and Tumorigenic Tissues	12/22/2016	120,311
Psychiatry			6 Proposals	\$12,406,138
Bruder, Mary	DHHS/HRSA/Health Resources and Services Administration	Parent to parent support and care coordination for parents of preschool age children with ASD in Hartford, CT	11/17/2016	900,000
Bruder, Mary	ED/Department of Education	National Center for Early Childhood Personnel. Parent Log # 20120533 Award No. H325B120004 - 16	11/28/2016	1,200,000
Gelbar, Nicholas	Special Olympics Connecticut	Special Olympics Connecticut MOA.	11/10/2016	42,554
Ginsburg, Golda S	DHHS/NIH/National Institutes of Health	2/2 Unifield Treatment of Adolescent Emotional Disorders in Community Clinics	12/13/2016	395,838
Grasso, Damion	DHHS/NIH/National Institutes of Health	Early Life Mechanisms of Intergenerational Transmission of Trauma-Related Risk in Offspring: Epigenetic and	10/25/2016	438,625
Hesselbrock, Victor	DHHS/NIH/National Institutes of Health	Etiology and Treatment of Alcohol Dependence	12/05/2016	9,429,121
Surgery			4 Proposals	\$1,116,845
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	In Vivo Evaluation of Biomatrix Coatings for Glucose Sensors. Parent Log # 20130278	10/05/2016	47,900
Kreutzer, Donald L	Helmsley (Leona M. and Harry B.) Charitable Trust	Understanding Insulin Infusion Induced Tissue Injury and Developing New Therapies/Devices	10/12/2016	993,946
Sarfarazi, Mansoor	Connecticut Lion's Eye Research Foundation	Post-Exome Sequencing of Inherited Forms of Glaucoma (Phase II)	10/04/2016	10,000
Stevenson, Christina	Komen (Susan G.) Breast Cancer Foundation	Community Breast Navigation in the Greater Hartford Area	11/28/2016	64,999
UConn Center on Aging			5 Proposals	\$5,695,988
Fortinsky, Richard	DHHS/NIH/National Institutes of Health	Community Ambulation Following Hip Fracture. Parent Log # 20091028 Award No.S:101855A / Prime: AG035009	10/05/2016	320,221
Kuchel, George A	DHHS/NIH/National Institutes of Health	Identification and interpretation of chromatin changes associated with the aging of human immune cells	11/03/2016	69,678
Kuchel, George A	DHHS/NIH/National Institutes of Health	Physician Resilience: Indicators and Mechanisms in the Elderly (PRIME Collaborative)	10/11/2016	219,447
Kuchel, George A	DHHS/NIH/National Institutes of Health	Targeting Aging with Metformin: TAME	12/15/2016	4,817,700
Robison, Julie	CT Department of Social Services	Planning & Demo. Grant for Testing Exp. & Functional Tools in Comm-Based Long Term Services & Supports (TEFT). Parent Log # 20160417 Award No. 124130 (Amendment 1)	10/21/2016	268,942
Other UConn Health			3 Proposals	\$332,682
Other UConn Health			3 Proposals	\$332,682
Adamson, Scott	DHHS/NIH/National Institutes of Health	High-Throughput Validation of Functional Variants that Affect pre-mRNA Splicing	12/02/2016	131,019

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Posner, Russell D	DHHS/NIH/National Institutes of Health	The Changing Role of miRNA-mediated Gene Regulation in the Course of Cell Differentiation	11/29/2016	176,663
Villagra, Victor	Connecticut Health Foundation	Equal Coverage to Care Coalition (EC2C)	10/19/2016	25,000
University of Connecticut Health			179 Proposals	\$125,893,927
Grand Total			603 Proposals	\$311,976,420