



Office of the Vice President for Research

# List of Proposals Submitted

## FY2019 1st Quarter

July 1, 2018 – September 30, 2018

Volume 19.1

## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>College of Agriculture, Health and Natural Resources</b>			<b>76 Proposals</b>	<b>\$32,924,899</b>
<b>Agricultural and Resource Economics</b>			<b>11 Proposals</b>	<b>\$3,123,533</b>
Swallow, Stephen K	USDA/National Institute of Food and Agriculture	Wind Energy Driving Rural Change: Economic Diversification, Land Value, Agriculture, and Natural Resource-based Tourism	09/13/2018	500,001
Andreyeva, Tatiana	USDA/Food and Nutrition Service/Tufts University	Understanding Food Related Hardship among Older Americans	07/20/2018	67,088
Dunn, Richard	USDA/National Institute of Food and Agriculture/University of Wisconsin, Madison	New Geographies for Understanding Rural Business and Employment Dynamics	07/31/2018	116,568
Dunn, Richard	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	08/03/2018	65,718
Bovay, John	USDA/National Institute of Food and Agriculture	On-Farm Loss and Waste of Vegetables: Measurement, Drivers, and Welfare Implications	08/30/2018	495,826
Andreyeva, Tatiana	Johnson (Robert Wood) Foundation	The Impact of the Community Eligibility Provision: A National Quasi-Experimental Evaluation	09/26/2018	150,679
Andreyeva, Tatiana	Johnson (Robert Wood) Foundation	Quasi-Experimental Evaluation of the Updated Meal Patterns in the Child and Adult Care Food Program	09/25/2018	199,999
Andreyeva, Tatiana	USDA/Economic Research Service/Tufts University	The Tufts/University of Connecticut Research and Development Grants in Economics Center (Tufts/UConn RIDGE Center)	08/16/2018	44,695
Towe, Charles	USDA/National Institute of Food and Agriculture	Valuing Rural Stewardship of Riverine Ecosystems: A Foundation to Recover Water Quality Benefits Across Linked Rural and Urban Economies	09/13/2018	499,624
Bovay, John	USDA/National Institute of Food and Agriculture	Implications for Market Structure and Farm Profitability of Expanded Production of Food in Greenhouses in the Northeast to Serve Local Markets	08/30/2018	497,807
Steinbach, Sandro	USDA/National Institute of Food and Agriculture	The Impact of Trade Disputes on U.S. Agriculture: Data-Driven Approaches for Counterfactual Measurement	08/30/2018	485,528
<b>Agriculture and Natural Resources Dean</b>			<b>5 Proposals</b>	<b>\$3,560,481</b>
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Capacity Infrastructure Program/Renewable Resources Extension Act (RREA)	08/27/2018	46,448
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Smith Lever Program	08/27/2018	2,225,957
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Hatch Regular Research	08/27/2018	791,428
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Hatch Multistate Research	08/27/2018	482,586
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Animal Health and Disease	08/31/2018	14,062
<b>Allied Health Sciences</b>			<b>5 Proposals</b>	<b>\$3,057,434</b>
Bureau, Paul J	CT Department of Labor/University of Connecticut Health Center	FY19 Occupational Health Clinics	07/11/2018	37,235
Duffy, Valerie B	USDA/Food and Nutrition Service/CT Department of Social Services	School and Family-Based SNAP-Ed	07/03/2018	901,466
McCaffery, Jeanne	DHHS/NIH/National Institutes of Health	Sleep and Circadian Rhythm in Adolescent Food Choices: The role of salivary amylase	07/02/2018	758,336
Copenhaver, Michael M	DHHS/NIH/National Institute on Drug Abuse	HIV Prevention and Adherence Among Priority Drug Using Populations	09/07/2018	860,500
Silbart, Lawrence K	USDA/National Institute of Food and Agriculture	Tailoring the host response to M. gallisepticum live-attenuated vaccines using nanoparticle-based RNAi	07/26/2018	499,897
<b>Animal Science</b>			<b>13 Proposals</b>	<b>\$3,615,778</b>

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Tang, Young	USDA/National Institute of Food and Agriculture	Establish Completely Reprogrammed Bovine Induced Pluripotent Stem Cells	07/25/2018	500,000
Amalaradjou, Mary A	USDA/National Institute of Food and Agriculture	Attenuation of Colitis Associated Liver Injury in Mice by Low-Fat Cheese and Cheese Starter Cultures	08/09/2018	231,239
Amalaradjou, Mary A	USDA/National Institute of Food and Agriculture	Effect of In-Ovo Probiotic Supplementation on Muscle Growth and Energy Status in Broiler Embryos and Chicks	07/26/2018	280,024
Tang, Young	USDA/National Institute of Food and Agriculture	Identification of Small Molecules to Prevent Porcine Reproduction and Respiratory Syndrome Virus (Prrsv) Infection	07/26/2018	500,000
Nadeau, Jenifer	American Quarter Horse Association	Greenways Ambassadors in Training Project	07/30/2018	6,392
D'Amico, Dennis	USDA/National Institute of Food and Agriculture	Determining the protective and probiotic potential of select lactic acid bacteria in dairy products against Listeria monocytogenes	08/01/2018	199,824
Upadhyay, Abhinav	USDA/National Institute of Food and Agriculture	Mitigating Salmonella and Campylobacter jejuni Biofilms in Processing Environments Using Natural Antimicrobials and Novel Carrier Systems	08/01/2018	499,038
Amalaradjou, Mary A	USDA/National Institute of Food and Agriculture	Improving the Microbial Safety of Fresh Apples Using Probiotics under Simulated Commercial Conditions	08/01/2018	146,499
Tian, Xiuchun C	USDA/Agricultural Research Service	Development of Tools to Improve Somatic Cell Nuclear Transfer	08/21/2018	194,000
Reed, Sarah A	USDA/National Institute of Food and Agriculture	Poor maternal nutrition across generations: Roles for oxidative stress, metabolism, and inflammation	07/26/2018	499,990
Zinn, Steven A	USDA/Agricultural Research Service	Multi-Omics Approaches to Study Effect of Antibiotic Alternatives on Pathogen Colonization, Poultry Gut Microbiota Function, Health and Productivity	08/17/2018	40,000
Upadhyay, Abhinav	USDA/National Institute of Food and Agriculture	Novel Microbubble Technology to Reduce Contamination of Poultry Products and Fresh Produce for Small and Medium Veteran Farmers	08/23/2018	499,491
D'Amico, Dennis	National Dairy Council	Optimizing the Application of Hydrogen Peroxide to Control Listeria Monocytogenes Contamination on the Surface of High-Moisture Cheese	09/28/2018	19,281
<b>Extension</b>			<b>6 Proposals</b>	<b>\$545,363</b>
Cushman, Jennifer E	USDA/National Institute of Food and Agriculture	Enhancing Science Literacy in Genetic Engineering through Teacher Professional Development for Student Success	07/11/2018	149,997
Martin, Jennifer L	CNCS/Corporation for National and Community Service	Healthy Food Should be Normal Food: Leadership Development for a Better Food System in CT	09/04/2018	7,000
Gray, Pamela M	USDA/National Institute of Food and Agriculture/Kansas State University	CT 4-H Military Partnership	09/28/2018	25,197
Welch, Mary E	USDA/National Institute of Food and Agriculture/University of Missouri	Connecticut Healthy Homes 2018 - Social Media	09/17/2018	28,000
Valiquette, Edith L	DOJ/Department of Justice/National 4-H Council	CT 4-H Mentoring Project	09/14/2018	107,169
Bonelli, Joseph A	USDA/Risk Management Agency	Crop Insurance and Risk Management Education and Information for Connecticut Farmers and Growers	07/30/2018	228,000
<b>Kinesiology</b>			<b>9 Proposals</b>	<b>\$448,581</b>
Casa, Douglas J	National Football League (NFL) Foundation	Kick Start Safety-NFL Athletic Training Program	08/06/2018	15,440
Casa, Douglas J	DOD/Army/Medical Research and Materiel Command/Jackson (Henry M.) Foundation	Validation of Internal Body Temperature and Physiological Measures During Exercise and Rest	08/16/2018	53,458
Taylor, Beth M	American Heart Association	Muscle-Specific MicroRNAs as a Novel Biomarker to Predict Statin-Associated Muscle Damage	07/12/2018	51,484
Casa, Douglas J	Windham Public Schools, CT	Athletic Training Services: A Relationship Between Windham High School and UConn	07/10/2018	33,944

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Pescatello, Linda S	American Heart Association	Meta-Analyses to Examine the Chronic and Acute Antihypertensive Effects of Alternative and Traditional Forms of Exercise	07/12/2018	51,484
Casa, Douglas J	DOD/Air Force Research Laboratory/Research Foundation for the State University of New York	Sweat Electrical Sensor Validation During Exerwise and Rest (SEVERE) AFRL NextFlex Validation	07/16/2018	75,000
Casa, Douglas J	Eastern Connecticut State University	Athletic Training Services: A Relationship between ECSU and UConn	07/27/2018	116,473
Bubela, Deborah J	Move Together	University of Connecticut Doctor of Physical Therapy Community Clinic Operational Development	09/04/2018	1,300
Casa, Douglas J	CamelBak Products	CamelBak Team Sport Cooling	08/14/2018	49,998
<b>Natural Resources and the Environment</b>			<b>4 Proposals</b>	<b>\$564,811</b>
Lawrence, Beth A	Illinois Tollway	Remediating Runoff and Creating Renewable Energy by Harvesting Invasive Plants from Illinois Tollway Detention Basins	09/20/2018	298,000
Robbins, Gary A	Town of Sherman, CT	Proposal to Assess Fracture Flow and Contaminant Conditions in 6 Wells in Town of Sherman, CT	07/06/2018	31,620
Parent, Jason R	Eversource	Physical Security: Detection of UAVs (Phase II)	07/06/2018	211,180
Vokoun, Jason	CT Department of Energy and Environmental Protection	Evaluating the Genomic Effects of Hatchery Stocking on Wild Brook Trout	08/30/2018	24,011
<b>Nutritional Sciences</b>			<b>10 Proposals</b>	<b>\$3,541,364</b>
Blesso, Christopher N	USDA/National Institute of Food and Agriculture	Milk phospholipids as modifiers of gut microbial lipid exposure for prevention of diet-induced low-grade inflammation	08/08/2018	499,824
Chun, Ock K.	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Microbiome Plasticity and Pathogenicity in Older Adults: Baselines and Transitions from Skilled Nursing Care	08/06/2018	17,132
Puglisi, Michael J	USDA/Food and Nutrition Service/CT Department of Social Services	Food Security Project, CT SNAP-Ed Program	08/03/2018	282,000
Luo, Yangchao	USDA/National Institute of Food and Agriculture	Development and Assessment of Edible Nanoparticles Encapsulating Astaxanthin for Food Fortification	07/30/2018	499,970
Kohan, Alison	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Determining the Mechanism for ApoC-III Stimulation of IL-10 and Tregs in the Intestine: Is this Novel Effect Beneficial?	07/16/2018	241,500
Chun, Ock K.	USDA/National Institute of Food and Agriculture	Importance of Intervention Timing in Blackcurrant Supplementation in Lowering Inflammation and Promoting Bone Health	08/08/2018	500,000
Lee, Ji-Young	USDA/National Institute of Food and Agriculture	Prevention of Obesity-Associated Inflammation and Liver Disease by Blackcurrant: Mechanistic Insight in Obese Humans	08/09/2018	500,000
Fernandez, Maria-Luz	USDA/National Institute of Food and Agriculture	Effects of Yogurt on Inflammation and Microbiota in Obese Individuals	08/09/2018	500,000
Melough, Melissa M	Nutricia Research Foundation	Zinc Supplementation Reduces Cadmium and Associated Health Risks from Environmental Tobacco Smoke	09/21/2018	58,188
Blesso, Christopher N	DHHS/NIH/National Institutes of Health	Dietary Sphingomyelin for the Prevention of Chronic Low-Grade Inflammation	07/16/2018	442,750
<b>Pathobiology</b>			<b>10 Proposals</b>	<b>\$13,855,686</b>
Geary, Steven J	DHHS/NIH/National Institutes of Health	Co-Pathogen Effects on Disease Dynamics and Pathogen/Host Responses	09/27/2018	2,016,478
Tulman, Edan	DHHS/NIH/National Cancer Institute/South Dakota State University	Molecular Mechanisms of Picornavirus Persistence	09/21/2018	624,383
Lee, Dong-Hun	Konkuk University Industrial Corporation Foundation	Complete Genome Sequencing and Molecular Analysis of Archived Influenza A Viruses	09/12/2018	32,858
Geary, Steven J	DOD/Defense Threat Reduction Agency/Leidos	Technical Directive TD-O1-007: Turkey MoFAL Epidemiology and Laboratory Diagnostic Training	09/07/2018	336,958

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Levin, Milton J	Harbor Branch Oceanographic Institute/Florida Atlantic University	Evaluation of Immune Functions in Free-Ranging Sea Turtles	08/24/2018	5,477
Khan, Mazhar I	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Preclinical Development of a Universal Influenza Nanovaccine	08/10/2018	8,540,775
Garmendia, Antonio E	USDA/National Institute of Food and Agriculture	Multivalent multiepitope Mosaic Vaccine: Towards Controlling PRRSV High Heterogeneity	07/26/2018	499,086
Risatti, Guillermo	USDA/Agricultural Research Service	Procine Cytomegavirus (pCMV) as a immunogenic Vector to Deliver Recombinant Antigens against Classical Swine Fever Virus (CSFV) Strain E2 and Porcine Reproduction and Respiratory Syndrome (PRRS) Virus Antigens	07/26/2018	90,630
Szczepanek, Steven M	NSF/National Science Foundation	CAREER: Emergence of Snake Fungal Disease Due to Adaptation of an Environmental Fungus to Serpents	07/18/2018	1,209,046
Geary, Steven J	USDA/National Institute of Food and Agriculture	U.S. Animal Vaccinology Research Coordination Network - UConn	07/26/2018	499,995
<b>Plant Science and Landscape Architecture</b>			<b>3 Proposals</b>	<b>\$611,868</b>
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Forest and Agricultural Pest Outreach	07/27/2018	5,000
Li, Yi	Citrus Research and Development Foundation	Engineering Rootstock for Tolerance to HLB and Other Biotic and Abiotic Stresses	07/20/2018	486,868
Raudales Banegas, Rosa E	USDA/National Institute of Food and Agriculture	Evaluating Nitrifying Bacteria with Organic Fertilizers to Optimize Nitrogen Availability in Organ Tomato Production in Soilless Systems	07/19/2018	120,000
<b>College of Liberal Arts and Sciences</b>			<b>122 Proposals</b>	<b>\$58,447,346</b>
<b>Anthropology</b>			<b>1 Proposals</b>	<b>\$16,985</b>
Bolnick, Deborah	NSF/National Science Foundation	Doctoral Dissertation Research: Evaluating the Genomic Signatures of British Colonialism: Change and Identity in Colonial Belize	07/23/2018	16,985
<b>Chemistry</b>			<b>9 Proposals</b>	<b>\$5,495,956</b>
Quardokus, Rebecca C	Johnson & Johnson	Nanodevice Fabrication to Measure Thermal and Charge Transport Properties of Molecular Wires and Two-Dimensional Materials with Atomic Resolution	09/24/2018	150,000
Rouge, Jessica	Johnson & Johnson	Enhancing Therapeutic efficacy using multi-gene silencing RNA nanoconjugates	09/24/2018	150,000
Peczuh, Mark W	Mizutani Foundation for Glycoscience	A Platform for Identifying Glycosylated Small Molecule Lead Compounds	08/30/2018	62,952
Rouge, Jessica	Janssen Biotech	Antisense Oligonucleotide Nucleic Acid Nanocapsule therapeutics for targeted delivery and treatment of Gastrointestinal Diseases	08/07/2018	301,526
Basu, Ashis K	DHHS/NIH/National Institute of Environmental Health Sciences/Johns Hopkins University	Biochemical Studies on Fapy-dG With Eukaryotic Enzymes and in Mammalian Cells	07/09/2018	53,570
Rouge, Jessica	NSF/National Science Foundation	CAREER: Multi-stimuli Responsive DNA-Nanoshells - Compartmentalizing Molecules at the Nanoscale for Enhanced Reaction Selectivity and Sensitivity	07/20/2018	632,374
He, Jie	NSF/National Science Foundation	CAREER: Simple Polymer Mimics of Enzymes to Control Catalytic Activity and Selectivity of Metal Ions and Clusters	07/20/2018	694,899
Rusling, James F	DHHS/NIH/National Institutes of Health	Electrocatalytic Studies of Toxic Pollutant Activation	07/05/2018	2,747,161
Ung, Gael W	NSF/National Science Foundation	CAREER: Enhancing, Tuning and Exploiting the Intramolecular Excimer Emission of Two Aromatic Moieties Linked by a Single Atom	07/20/2018	703,474
<b>Ecology and Evolutionary Biology</b>			<b>7 Proposals</b>	<b>\$929,324</b>
Knutie, Sarah A	NSF/National Science Foundation	Collaborative Research: Host Microbiota as a Mediator of Anthropogenic Factors, Immune Responses, and Infectious Disease Interactions	09/28/2018	576,776

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Merow, Cory G	NSF/National Science Foundation	Collaborative Research: IGE: Ecoinformatics for the Next Generation of Environmental Data Scientists: Interactive, modular, open-source tutorials	09/27/2018	116,392
Merow, Cory G	NASA/NASA Shared Services Center (NSSC)/American Museum of Natural History	Expanding Wallace biodiversity modeling software to support national biodiversity change indicator calculations for GEO BON assessment and reporting	09/06/2018	79,747
Schultz, Eric T	CT Department of Energy and Environmental Protection	Slimy Sculpin Habitat Monitoring and Range Re-Distribution Modeling in Connecticut Due to Climate Change	08/16/2018	25,569
Jockusch, Elizabeth L	DOI/United States Fish and Wildlife Service/State University of New York	Conservation Genetics of the Inyo Mountain Salamander	08/03/2018	29,223
Yarish, Charles	DOC/Department of Commerce	Optimizing kelp production in western Long Island Sound	07/23/2018	
Schultz, Eric T	National Fish and Wildlife Foundation	Does Outreach Shape Angler Acceptance of Harvest Restrictions for Tautog in Long Island Sound?	07/12/2018	101,617
<b>Economics</b>			<b>1 Proposals</b>	<b>\$192,910</b>
Ross, Stephen L	ED/Institute of Education Sciences/Ohio State University	Dual Enrollment and Career and Technical Education: A multi-state evaluation of policies designed to increase education and employment outcomes in the Cincinnati Metropolitan Statistical Area	08/16/2018	192,910
<b>Geography</b>			<b>4 Proposals</b>	<b>\$2,964,746</b>
Park Boush, Lisa	NSF/National Science Foundation	GP-IMPACT: Creating Pathways for Literacy, Undergraduate Majors and Careers in the Geosciences through Institutional Collaborations	09/21/2018	
Park Boush, Lisa	NSF/National Science Foundation	RCN: RATES: Building a Spatial and Temporal Framework for Understanding Surface Earth Processes	07/20/2018	24,150
Stephenson, Scott	NSF/National Science Foundation	CAREER: Mapping the New Geography of Climate Governance: Spatial Dynamics of Climate Actor Networks	07/17/2018	440,876
Zhang, Chuanrong	NSF/National Science Foundation	INFEWS/T2: Towards a Resilient and Sustainable Food, Bioenergy, Water, and Biodiversity (FEWB) System in Northeastern United States	09/26/2018	2,499,720
<b>History</b>			<b>1 Proposals</b>	<b>\$740,000</b>
Simpson, Bradley R	Wilson (Woodrow) International Center for Scholars	The First Right: Self-Determination and the Transformation of International Politics	08/31/2018	740,000
<b>Human Development and Family Studies</b>			<b>5 Proposals</b>	<b>\$2,626,370</b>
Watson, Ryan J	DHHS/NIH/National Institutes of Health/University of Minnesota	LGBTQ Adolescent Health at the Intersection of Identities	09/13/2018	610,862
Watson, Ryan J	DHHS/NIH/National Institutes of Health	PrEP and Substance Use Among Sexual Minority Young Adults	09/06/2018	984,267
Watson, Ryan J	DHHS/NIH/National Institute on Drug Abuse	LGBTQ Youth Substance Use: Subgroup Differences, Risk, and Protective Factors	07/12/2018	182,051
Gans-DeLuca, Kim M	Johnson (Robert Wood) Foundation	Have the New CACFP Guidelines had an Impact on the Foods Served and the Dietary Quality of Children's Food Intake in Family Child Care Homes?	09/26/2018	199,190
Russell, Beth S	Grant (William T.) Foundation	Heeding risk indicators in the school to prison pipeline: Improving outcomes in a high-risk community	09/07/2018	650,000
<b>Integrative Geoscience</b>			<b>3 Proposals</b>	<b>\$993,574</b>
Fernandes, Anjali	NSF/National Science Foundation	Collaborative Research: From Surface Dynamics to Strata: Quantifying the Storage of Signals in Sedimentary Systems in Space and Time	09/13/2018	133,514

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Fernandes, Anjali	NSF/GEO/Directorate for Geosciences/Villanova University	Collaborative Research: An Inter-Disciplinary Approach to Constraining Geomorphic Responses to the Eocene-Oligocene Hothouse to Icehouse Transition	07/11/2018	274,933
Tabor, Clay	NSF/National Science Foundation	CAREER: Deconvolution of marine isotopic variability with an isotope-enabled Earth system model to constrain ice volume and temperature since the Pliocene	07/20/2018	585,127
<b>Linguistics</b>			<b>2 Proposals</b>	<b>\$638,037</b>
Kaufmann, Johanna Magdalena	NSF/National Science Foundation	Suppositional Language	07/16/2018	306,713
Van der hulst, Hendrikus G	NSF/National Science Foundation	Collaborative Research: Word Prominence in Languages with Complex Morphology: Phonology, Morphology, Phonetics	07/16/2018	331,324
<b>Marine Sciences</b>			<b>19 Proposals</b>	<b>\$3,828,669</b>
Vlahos, Epapante P	DHHS/NIH/National Institutes of Health/Stanford University	Chronic kidney disease of unknown etiology: evaluating an endemic nephropathy with a multidisciplinary approach	09/17/2018	519,751
Mason, Robert	NSF/National Science Foundation	Collaborative Research: Constraining the role of chemical transformations in the cycling of Hg at the Arctic Ocean air-sea interface	09/13/2018	482,258
Vlahos, Epapante P	DHHS/NIH/Fogarty International Center	Identifying Contributing Factors to the Progression of Chronic Kidney Disease of Unknown Etiology in Sri Lanka	08/16/2018	24,999
Cabaniss, Joseph T	NSF/GEO/Directorate for Geosciences/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Mooring Recovery Deployment	07/03/2018	17,952
Cabaniss, Joseph T	EPA/Environmental Protection Agency/Battelle	Charter of R/V Connecticut for 2018 Monitoring of Region 2's Historic Area Remediation Site	07/06/2018	88,000
Byrne, Timothy B	NSF/National Science Foundation	Collaborative Research: Crustal Seismic Anisotropy and Orogenic Processes in Taiwan	07/18/2018	180,074
Baumann, Zofia A	DOC/NOAA/National Oceanic and Atmospheric Administration/North Pacific Research Board	Outreach on the origins and fate of Mercury in the ocean to diverse audiences in Connecticut and Alaska	07/25/2018	19,650
McManus, George B	NSF/National Science Foundation	Ciliate mixotrophy in an estuarine/shelf ecosystem: an integrated field, experimental, and molecular study	08/14/2018	607,619
Cabaniss, Joseph T	NSF/National Science Foundation/Woods Hole Oceanographic Institution	Charter of R/V Connecticut for WHOI Glider Support	07/30/2018	73,840
Granger, Julie	NSF/National Science Foundation	Collaborative Research: Isotopic Constraints on the Contribution of N2 Fixation to New and Export Production in the NPSG	08/15/2018	399,982
Lin, Senjie	NSF/National Science Foundation	Estimating Plankton Carbon Biomass using DNA	08/15/2018	452,470
Lombardo, Kelly	NSF/National Science Foundation	Collaborative Research: Local Observations of Blizzards and Snowstorms Threatening the Atlantic Seaboard (LOBSTAS)	08/22/2018	384,835
Siedlecki, Samantha A	NSF/National Science Foundation	Collaborative Research: Constraining the Effect of Glacial Runoff on Ocean Acidification	08/15/2018	164,806
Vlahos, Epapante P	NSF/National Science Foundation	Sea Spray - Atmosphere Gas Exchange (SSAGE)	08/15/2018	196,156
Siedlecki, Samantha A	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Washington	RVA-OA2017 The Olympic Coast as a Sentinel: An Integrated Social-Ecological Regional Vulnerability Assessment to Ocean Acidification	09/06/2018	61,114
Cabaniss, Joseph T	NSF/National Science Foundation/University of California, San Diego	Charter of R/V Connecticut by Scripps for Equipment Development and Recovery	08/21/2018	36,608
Cabaniss, Joseph T	NSF/National Science Foundation/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Alpha Project	08/21/2018	53,152
Vaudrey, Jamie M	Dominion Energy	Analysis of Niantic River Water and Macrophyte Samples, 2018	08/21/2018	28,795

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Cabaniss, Joseph T	Columbia University	Charter of R/V Connecticut by Columbia University for Barclay Equipment Deployment and Recovery	08/21/2018	36,608
<b>Mathematics</b>			<b>13 Proposals</b>	<b>\$4,124,102</b>
Li, Sean	Sloan (Alfred P.) Foundation	Sloan Fellowship	09/17/2018	70,000
Alonso Ruiz, Patricia	NSF/National Science Foundation	Stochastic Processes on Rough Spaces and Geometric Properties of Random Sets	09/20/2018	151,438
Teplyaev, Alexander	NSF/National Science Foundation	Random Processes on Singular Spaces	09/25/2018	429,423
Roby, Thomas	NSF/National Science Foundation	Collaborative Research: Actions and Orbits in Algebraic Combinatorics	09/25/2018	447,253
Lee, Kyu-Hwan	NSF/National Science Foundation	Quiver Representations and Sato-Tate Distributions	09/25/2018	295,374
Li, Zhongyang	NSF/National Science Foundation	Limit Shape and Integrability in Statistical Mechanical Models	09/25/2018	231,916
Dzhafarov, Damir	NSF/National Science Foundation	CAREER: Advances in computable combinatorics, reverse mathematics, and their applications	07/16/2018	578,319
Li, Zhongyang	NSF/National Science Foundation	CAREER: Limit Shape and Integrability in Statistical Mechanical Models	07/20/2018	635,577
Mostovyi, Oleksii	NSF/National Science Foundation	CAREER: An approach to pricing, hedging, stability and asymptotic analysis in financial markets	07/20/2018	500,229
Vadiveloo, Jeyaraj	Prudential Insurance Company of America	Analyzing Actual to Expected Net Claims for Flexible Premium Contracts	07/31/2018	50,000
Vadiveloo, Jeyaraj	Massachusetts Mutual Life Insurance Company	Mass Mutual Service Agreement	08/14/2018	50,000
Dzhafarov, Damir	NSF/National Science Foundation	FRG: Collaborative Research: Computability-Theoretic Aspects of Combinatorics	09/12/2018	379,450
Dzhafarov, Damir	NSF/National Science Foundation	The Complexity of Combinatorial Problems: From Computability Theory to Ramsey Theory	09/25/2018	305,123
<b>Molecular and Cell Biology</b>			<b>8 Proposals</b>	<b>\$4,188,693</b>
Gage, Daniel J	USDA/National Institute of Food and Agriculture/CT Agricultural Experiment Station	A targeted approach defining the functional ecology and roles of protists in shaping plant and soil microbiomes	09/21/2018	305,426
Goldhamer, David J	Blueprint Medicines	Investigating Mechanisms of FOP Pathogenesis and Functional Activity of ALK2 Inhibition	08/08/2018	350,006
Teschke, Carolyn M	DHHS/NIH/National Institutes of Health/University of North Carolina, Chapel Hill	A novel protein export chaperone for M. Tuberculosis virulence effectors	07/27/2018	333,404
Goldhamer, David J	International Fibrodysplasia Ossificans Progressiva Association	Single-cell transcriptional profiling of skeletogenic progenitors in FOP mice	07/19/2018	84,040
Malone, John H	NSF/National Science Foundation	CAREER: Heteromorphic sex chromosome evolution in amphibians: the interaction between genomic history and selection for transforming dosage in vertebrate genomes	07/18/2018	1,364,564
Hird, Sarah M	NSF/National Science Foundation	CAREER: Testing Ecological Patterns and Evolutionary processes in Composition and Functions of the Avian Microbiome	07/18/2018	896,987
Graf, Joerg	USDA/Agricultural Research Service	Metagenomic Analysis of the Aquaculture Environment	08/15/2018	397,001
Nyholm, Spencer V	NSF/National Science Foundation	Collaborative Programs Research: Unraveling Environmental and Evolutionary Drivers of Symbiont Diversity Using Beneficial Microbes and Their Animal Hosts	09/28/2018	457,265
<b>Philosophy</b>			<b>1 Proposals</b>	<b>\$100,000</b>
Lynch, Michael P	Mellon (Andrew W.) Foundation	New England Humanities Consortium	07/13/2018	100,000
<b>Physics</b>			<b>8 Proposals</b>	<b>\$5,537,697</b>

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



## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
McCarron, Daniel	NSF/National Science Foundation	CAREER: A New Platform for Quantum Science with Laser Cooled Molecules	07/20/2018	652,814
Sochnikov, Ilya	Northrop-Grumman	High-Throughput Scanning SQUID Microscope	08/01/2018	1,255,181
Sochnikov, Ilya	DOD/Department of Defense/Ministry of Defense (Israel)	High Sensitivity SQUIDs for Magnetic Field Detection	08/09/2018	149,999
Cormier, Vernon F	DOD/Air Force Research Laboratory	Analysis of S/Lg Coda for Depth Discrimination and Crustal Attenuation on the Korean Peninsula	08/23/2018	325,634
Trump, Jonathan R	NASA/National Aeronautics and Space Administration/Space Telescope Science Institute	The Cosmic Evolution Early Release Science Survey	09/13/2018	37,730
Trallero, Carlos	DOD/Navy/Office of Naval Research/University of California, Berkeley	X-ray STIRAP: A New Approach for Targeted Molecular Dynamics	09/18/2018	2,000,000
Trump, Jonathan R	NSF/National Science Foundation	CAREER: Mapping Supermassive Black Holes with Industrial-Scale Light Echoes	07/20/2018	816,339
McCarron, Daniel	DOD/Air Force/Air Force Office of Scientific Research	Apparatus for Producing a Bose-Einstein Condensate of Polar Molecules	07/06/2018	300,000
<b>Physiology and Neurobiology</b>			<b>5 Proposals</b>	<b>\$2,618,850</b>
Chen, Xinnian	Hughes (Howard) Medical Institute/Yale University	National Academies Summer Institute on Undergraduate Education	09/11/2018	17,000
Nishiyama, Akiko	National Multiple Sclerosis Society	VAMP2-mediated exocytosis in oligodendrocyte lineage cells for myelination	09/12/2018	55,000
Menuz, Karen A	DHHS/NIH/National Institutes of Health	Beyond Odor Receptors: Molecular basis of insect olfaction	08/31/2018	2,012,500
Chen, Xinnian	ED/Institute of Education Sciences/Yale University	Targeted Interventions for Student Commitment to Evidence-based Teaching Practices in Undergraduate Education	08/16/2018	209,496
Chen, Xinnian	NSF/National Science Foundation	REU Site: Research Experiences in Physiology and Neurobiology at UConn	08/22/2018	324,854
<b>Political Science</b>			<b>2 Proposals</b>	<b>\$74,915</b>
Hertel, Shareen	NSF/National Science Foundation	Engineering for Human Rights: An Ethical Framework for Research, Teaching, and Professional Action	08/03/2018	49,880
Kashwan, Prakash	American Political Science Association	Avoiding "Day Zero" in the US and Global South	07/11/2018	25,035
<b>Psychological Sciences</b>			<b>17 Proposals</b>	<b>\$19,551,605</b>
Hoefl, Fumiko	DHHS/NIH/National Institute of Child Health and Human Development	Neural Mechanisms Underlying Compensation in Dyslexia	08/30/2018	4,210,223
Kalichman, Seth C	DHHS/NIH/National Institutes of Health	Comparative Effectiveness Research on HIV-Alcohol Interventions in South Africa	09/06/2018	3,537,626
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health	Heterosynaptic plasticity and learning in awake and sleeping brain	09/04/2018	2,133,300
Marsh, Kerry L	Travelers	Nudges Toward Better Driving: Phase I	09/11/2018	14,161
Paxton, Alexandra E	American Psychological Association	What you see is what you feel: How social anxiety shapes visual perceptions and attention	09/14/2018	7,475
Hoefl, Fumiko	Oak Foundation	Assessing the Impact of Mentoring on Students with Learning Differences	09/28/2018	140,603
Park, Crystal	DHHS/NIH/National Institutes of Health/Hospital for Sick Children (SickKids)	A Randomized Controlled Trial of Individualized Yoga to Reduce Fatigue in Hospitalized Children Receiving Intensive Chemotherapy	09/28/2018	114,846
Park, Crystal	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	RCT of Yoga to Improve Symptom Control and Quality of Life in Pediatric Cancer Patients in Active Treatment	09/28/2018	817,811
Kalichman, Seth C	DHHS/NIH/National Institutes of Health	Intervention to Improve HIV Care Retention and Antiretroviral Adherence in Stigmatized Environments	09/05/2018	3,557,351

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Park, Crystal	American Heart Association	Effects of Psychological Trauma and Cognitive Appraisals on Cardiovascular Reactivity	07/11/2018	53,688
Johnson, Blair T	DHHS/NIH/National Institutes of Health	Mind-Body Interventions for Substance Use Disorders: Modeling Intervention Mechanisms via Meta-Analysis	07/16/2018	442,750
Printz, Destiny M	Johnson (Robert Wood) Foundation	Health Policy Research Scholars Program - Printz	07/11/2018	120,000
Coppola, Marie	NSF/National Science Foundation	Collaborative Research: The Conceptualization of Events in Users of Hometown and Nicaraguan Sign Language	07/16/2018	207,543
Park, Crystal	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Miriam Hospital	Yoga Designed to Accommodate Larger Bodies, Increase Physical Activity, and Enhance Physical and Psychological Well-being Among Post-Bariatric Surgery Patients: A Feasibility Study	07/23/2018	89,949
Magnuson, James S	NSF/National Science Foundation/Carleton College	RUI: Spread the Word: A Spoken-Word Recognition Megastudy	07/26/2018	30,000
Kalichman, Seth C	DHHS/NIH/National Institutes of Health/Makerere University	Exploring Peer and Family Support to Reduce Dimensions of HIV-Related Stigma and Improve Engagement in HIV Care in Rural Uganda	07/31/2018	54,967
Cruess, Dean G	DHHS/NIH/National Institute of Mental Health/DHHS/NIH/National Institutes of Health	Mobile-delivered behavioral treatment as prevention intervention for black men who have sex with men living with HIV	08/29/2018	4,019,312
<b>Public Policy</b>			<b>1 Proposals</b>	<b>\$99,892</b>
Hyman, Joshua M	DOE/Lawrence Berkeley National Laboratory/University of California, Berkeley	The Effects of Wind Energy Installation on School District Revenues and Expenditures, Resource Allocations, and Student Achievement	08/30/2018	99,892
<b>Sociology</b>			<b>3 Proposals</b>	<b>\$266,722</b>
Reyes, Daisy	Russell Sage Foundation	How Colleges Shape Latino Millennials' Trajectories to Adulthood	08/20/2018	
Voyer, Andrea M	NSF/National Science Foundation	The Mythical Norm Then and Now: Emily Post and 95 Years of the Etiquette of Inequality	08/15/2018	216,722
Reyes, Daisy	Spencer Foundation	How Do Colleges Shape Latino Millennials' Trajectories to Adulthood?	08/01/2018	50,000
<b>Speech, Language and Hearing Sciences</b>			<b>5 Proposals</b>	<b>\$1,426,276</b>
Myers, Emily	NSF/National Science Foundation	Doctoral dissertation research: Cognitive and neural architectures for phonetic generalization	07/16/2018	19,320
Friesen, Lendra	American Hearing Research Foundation	Rate Discrimination in Elderly Cochlear Implant Users	08/15/2018	20,000
Spaulding, Tammie J	ED/Institute of Education Sciences/University of Arizona	Improving Science Vocabulary Acquisition for Elementary Students: Exploring Input Variability and Learner Characteristics	08/15/2018	556,227
Grela, Bernard	University of Connecticut Health Center	Personnel Development to Improve Services and Results for Children with Disabilities	07/27/2018	42,394
Skoe, Erika	NSF/National Science Foundation	CAREER: Dual Language Learning as a Training Ground for Sensory Processing	07/20/2018	788,335
<b>Statistics</b>			<b>6 Proposals</b>	<b>\$2,019,724</b>
Yan, Jun	NSF/National Science Foundation	Collaborative Research: Statistical inference and computing for discretely observed diffusion governed by a Markov renewal process in animal movement modeling	09/17/2018	487,174
Chen, Ming-Hui	DHHS/NIH/National Institute on Aging/University of North Carolina, Chapel Hill	Statistical Methods for Cancer Clinical Trials	07/10/2018	9,725
Yan, Jun	DHHS/NIH/National Institutes of Health	Methods and Computing Tools for Semiparametric Quantile Residual Life Modeling with Application to Dental Restoration Longevity	07/16/2018	333,597
Wang, Haiying	NSF/National Science Foundation	CAREER: Optimal Subsample Selection	07/20/2018	403,263

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Wang, Xiaojing	NSF/National Science Foundation	CAREER: Advancing Latent Variable Statistical Modeling for the Analysis of Big and Complex Longitudinal Data to Promote Personalized Learning	07/20/2018	685,965
Zhang, Yuping	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Integrating Heterogeneous Multi-Omics Profiles to Decipher Molecular Pathways and Regulatory Networks in Tumorous Aberrations	08/31/2018	100,000
<b>Urban Studies Program</b>			<b>1 Proposals</b>	<b>\$12,299</b>
Donegan, Mary K	Regional Studies Association	Distributed Dynamics	08/16/2018	12,299
<b>NEAG School of Education</b>			<b>19 Proposals</b>	<b>\$23,222,303</b>
<b>Curriculum and Instruction</b>			<b>1 Proposals</b>	<b>\$1,499,679</b>
Settlage, John	NSF/National Science Foundation	University of Connecticut Master STEM Teachers Fellows Program	08/28/2018	1,499,679
<b>Education Dean</b>			<b>1 Proposals</b>	<b>\$150,418</b>
Cobb, Casey D	ED/Department of Education/CT Office of Early Childhood	Evaluation of the Connecticut Federal Preschool Development Expansion Grant	09/26/2018	150,418
<b>Educational Leadership</b>			<b>3 Proposals</b>	<b>\$1,628,654</b>
Weiner, Jennie	Spencer Foundation	Leading While Black (and Female): Exploring Intersectionality and the Lived Experiences of Black, Female School Leaders	08/01/2018	49,811
Michno, Jennifer A	Hartford Foundation for Public Giving	A Project to Effectively implement Family, School, Community Engagement Work into Leadership Training to Build Statewide Capacity	07/27/2018	208,104
McGarry, Jennifer E	USDA/Food and Nutrition Service/CT Department of Social Services	Husky Sport	07/06/2018	1,370,739
<b>Educational Psychology</b>			<b>14 Proposals</b>	<b>\$19,943,552</b>
Lombardi, Allison	ED/Institute of Education Sciences/University of Wisconsin, Madison	Developing and Implementing Transition-Focused Individualized Education Programs for Early Adolescents with Disabilities	08/14/2018	235,119
Chafouleas, Sandra M	ED/Institute of Education Sciences/University of Wisconsin, Madison	Teacher Characteristics and Environmental Factors Associated with Identification of Students with Social-Emotional and Behavioral Concerns	08/15/2018	256,994
Rhoads, Christopher H	ED/Institute of Education Sciences/City University of New York	What Happens when Students can't get into an Online Course Section? Online Course Scarcity, Student Time Poverty, and Academic Momentum	08/16/2018	57,749
Freeman, Jennifer L	ED/Institute of Education Sciences/Lehigh University	Enhanced College and Career Readiness (ECCR) for Secondary Students with Emotional and Behavioral Problems	08/10/2018	437,677
Simonsen-Gaines, Brandi M	ED/Department of Education/University of Oregon	National Center on Positive Behavioral Interventions and Supports	08/10/2018	4,424,903
Simonsen-Gaines, Brandi M	ED/Institute of Education Sciences	Project TEACH: Training to Evidence- and Assessment-Based Classroom Habits	08/21/2018	1,399,772
Reis Renzulli, Sally	Cooke (Jack Kent) Foundation	Paths and Influences on Persistence and Choices in Education, Aspirations, and Careers of JKC Scholars	08/15/2018	53,680
Coyne, Michael D	ED/Institute of Education Sciences	New England Integrated MTSS Network Team	08/09/2018	3,999,589
Chafouleas, Sandra M	ED/Institute of Education Sciences/University of Kansas	Enhancing Ci3T: Building Professional Capacity for High Fidelity Implementation to Support Students' Educational Outcomes (project ENHANCE)	07/27/2018	572,850
Lombardi, Allison	ED/Institute of Education Sciences	Empowering Teachers with Technology Skills in Transition (Empower3T): Equipping Teachers to Improve College and Career Readiness Outcomes for Students with Disabilities	08/23/2018	1,399,839
Feinberg, Adam B	ED/Department of Education/MA Department of Elementary and Secondary Education	PBIS Academy	09/13/2018	2,961,439

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Sanetti, Lisa M	ED/Institute of Education Sciences	Project SUPPORTS: SUpporting Paraeducator Practices by means Of Research & Theory-informed Strategies	08/17/2018	1,399,049
Brown, Scott W	ED/Institute of Education Sciences/University of Illinois at Chicago	Development of a Globally Literate Citizenry	08/22/2018	1,344,948
Lombardi, Allison	ED/Institute of Education Sciences	College and Career Readiness for Transition (CCR4T): Development and Validation of a Student Measure	08/23/2018	1,399,944
<b>School of Business</b>			<b>7 Proposals</b>	<b>\$3,730,862</b>
<b>CT Small Business Development Center</b>			<b>2 Proposals</b>	<b>\$2,352,242</b>
Ercolano, Joseph	CT Department of Economic and Community Development	Small Business Development Center FY19	08/31/2018	1,176,121
Ercolano, Joseph	SBA/Small Business Administration	Small Business Development Center FY19	08/31/2018	1,176,121
<b>Finance</b>			<b>1 Proposals</b>	<b>\$63,345</b>
Ghosh, Chinmoy	Searle Freedom Trust/Georgia State University	Textual Analysis of the "Pay Ratio" Rule Mandated by the Dodd-Frank Act	08/14/2018	63,345
<b>Management</b>			<b>1 Proposals</b>	<b>\$15,000</b>
Folta, Timothy B	Spencer Foundation/University of Hartford	InsurTech Curriculum Innovation	08/23/2018	15,000
<b>Operations &amp; Info Management</b>			<b>3 Proposals</b>	<b>\$1,300,275</b>
Shankar, Ramesh	NSF/National Science Foundation	Reciprocity in online communities and its impact on knowledge sharing	07/16/2018	248,264
Bergman, David	DOD/Navy/Office of Naval Research	Expanding the Limits of Mathematical Optimization Through Decision Diagrams	08/31/2018	546,724
Bergman, David	NSF/National Science Foundation	CAREER: Expanding the Limits of Combinatorial optimization through Decision Diagrams	07/18/2018	505,287
<b>School of Engineering</b>			<b>98 Proposals</b>	<b>\$54,402,082</b>
<b>Biomedical Engineering</b>			<b>9 Proposals</b>	<b>\$5,041,173</b>
Zheng, Guoan	NSF/National Science Foundation	CAREER: Tackling Imaging Challenges in Biophotonics via a New Ptychographic Framework	07/19/2018	500,000
Santaniello, Sabato	NSF/National Science Foundation	CAREER: Robust Identification and Multi-Objective Control Methods for Neuronal Networks Under Uncertainty	07/18/2018	564,556
Feng, Bin	NSF/National Science Foundation	CAREER: Understanding Peripheral Neuromodulation to Enhance Non-Drug Management of Chronic Pain	07/16/2018	563,672
Chen, Yupeng	DHHS/NIH/National Institutes of Health	Growth Plate Cartilage Repair via Novel Matrilin3/Rosette Nanotube Hybrid Matrix	09/19/2018	101,475
Chon, Ki H	DOD/Navy/Naval Submarine Medical Research Laboratory/Leidos	Effect of Wakefulness on Auditory Cued Visual Search	08/09/2018	37,397
Zheng, Guoan	DOD/Navy/Office of Naval Research	Fourier ptychographic integral imaging for single-shot aperture synthesis and turbulence-corrected 3D imaging	08/31/2018	356,287
Chen, Yupeng	DHHS/NIH/National Institutes of Health	Developing Nanomaterial Platform for Intra-Cartilage Delivery of RNA Therapeutics against Joint Diseases	09/21/2018	1,466,725
Nukavarapu, Syam P	DOD/Department of Defense	Articular Regeneration by Native Chondroprogenitors for PT-OA Prevention	09/20/2018	1,103,680
Kumavor, Patrick D	NSF/National Science Foundation	REU Site: Innovative Biomedical Device Technologies for Enhanced Healthcare Delivery	08/22/2018	347,381
<b>Chemical and Biomolecular Engineering</b>			<b>10 Proposals</b>	<b>\$6,641,947</b>

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Burke, Kelly A	Johnson & Johnson	Modulating Extracellular Matrix using Programmable Geis to Model Disease Progression	09/24/2018	150,000
Valla, Ioulia	NSF/National Science Foundation	INFEWS/T2: An Integrated Experimental and Computational Approach to Understand the Technological, Economic, Environmental and Societal Impacts of Food-Energy-Water Systems	09/26/2018	2,499,026
Burke, Kelly A	ED/Department of Education	GAANN - Bioinspired and Bioderived Materials for Integrating Soft Matter and Polymer Research with Education	08/29/2018	746,250
Ma, Wing Kui Anson	Unilever	Rheology Modeling Program ("DigiRheo 1.0")	08/28/2018	317,471
Nieh, Mu-Ping	NSF/National Science Foundation	REU Site: Interdisciplinary Soft matter & Polymer for Industry, Research & Education (INSPIRE)	08/21/2018	344,909
Stuber, Matthew D	DOD/Navy/Office of Naval Research	Flexibility Analysis for Robust Decision-Making in Nonlinear Systems	08/30/2018	584,291
Lei, Yu	USDA/National Institute of Food and Agriculture	Nanotechnology-Enabled, Non-Invasive, In-Field, and Fast Monitoring of Volatile Biomarkers for Crop Health	08/09/2018	500,000
Stuber, Matthew D	NSF/National Science Foundation	CAREER: Flexibility Analysis for Robust Decision-Making in Nonlinear Systems	07/19/2018	500,000
Valla, Ioulia	NSF/ENG/Directorate for Engineering	CAREER: Revolutionizing Sulfur Removal in Transportation Fuels via Absorption in Ion Exchanged Zeolites	07/13/2018	500,000
Burke, Kelly A	NSF/National Science Foundation	CAREER: Liquid Crystallinity as a Tool to Probe Cell and Protein Behavior in Gel Biomaterials	07/20/2018	500,000
<b>Civil and Environmental Engineering</b>			<b>15 Proposals</b>	<b>\$8,882,820</b>
Astitha, Marina	NSF/National Science Foundation	CAREER: Understanding the dynamics and predictability of extreme storms: integrating weather research and education	07/18/2018	530,427
Anagnostou, Emmanouil N	Avangrid Management Company	Meteorological Services and Damange/Outage Prediction Modeling Technical Specifications	07/30/2018	2,594,120
Kirchhoff, Christine	NSF/National Science Foundation	CAREER: Infrastructure Resilience in the Community Context: Understanding the Role People, Policy and Knowledge Play in the Community and Infrastructure	07/19/2018	500,488
Ivan, John N	DOT/Department of Transportation/University of North Carolina, Charlotte	Estimation of Local Road AADT Using Demographic, Land Development and Geospatial Data	07/12/2018	59,999
Agrios, Alexander	DOE/Office of Energy Efficiency and Renewable Energy	Scalable Processing of Encapsulation and Charge Extraction Layers for Robust, Efficient Perovskite Solar Cells	07/05/2018	200,000
Jang, Shinae	NSF/National Science Foundation	REU Site: Project-Based Learning with Infrastructure Research	08/22/2018	402,203
Astitha, Marina	NSF/National Science Foundation	REU Site: Interdisciplinary Traineeship on Power Grid Resilience to Severe Storms in a Changing Environment	08/22/2018	356,005
Vadas, Timothy M	ED/Department of Education	Addressing Aging Infrastructure: From Components to Networks	08/29/2018	746,250
Astitha, Marina	NASA/National Aeronautics and Space Administration	Attribution of changes in air quality over the period 1990-2014 using regional atmospheric and air quality models, in-situ and satellite observations, spectral decomposition and data-mining techniques	08/24/2018	275,694
Astitha, Marina	DOD/Army/Department of the Army	Probabilistic Prediction of Extreme Storms Using Analog Ensemble Techniques	08/31/2018	33,999
Shen, Xinyi	Travelers	Sewer Backup Risk Score	09/06/2018	42,554
Wang, Guiling	NSF/National Science Foundation	INFEWS/T1: A Scalable Approach for Targeting Irrigation Development to Improve Ethiopian Economic, Food, Energy, and Water Outcomes	09/26/2018	2,499,976
Mellor, Jonathan E	Oxford Policy Management/University of Massachusetts, Amherst	Identifying opportunities for irrigation to improve agricultural output and stimulate demand for electricity in Ethiopia	09/20/2018	51,106

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Zhu, Jin	NSF/National Science Foundation/Florida International University	Adaptive Engineering and Science for Planning and Design of Urban Infrastructure in Nonstationary Environments	09/10/2018	89,999
Zhang, Wei	NSF/National Science Foundation	CAREER: Hybrid Physics-Based and Data-Informed Damage Modeling and Learning System for Civil Infrastructures	07/19/2018	500,000
<b>Computer Science and Engineering</b>			<b>13 Proposals</b>	<b>\$3,990,070</b>
Rajasekaran, Sanguthevar	NSF/MPS/Directorate for Mathematical and Physical Sciences	EAGER: Type II: Deep Learning and Combinatorial Algorithms for Inorganic Crystal Structure Prediction	07/09/2018	299,999
Russell, Alexander	CT Office of the Secretary of the State	Certification and Acceptance Testing of Electronic Voting Equipment Required for Use by the Federal Help America Vote Act of 2002	08/14/2018	459,124
Han, Song	NSF/National Science Foundation	CAREER: Towards Dynamic and Composite Resource Management in Industrial IoT Environments with Intermittent Data Sources	07/18/2018	500,000
Wang, Bing	DHHS/NIH/National Institutes of Health	SCH: Personalized Depression Treatment Supported by Mobile Sensor Analytics	08/02/2018	1,154,767
Miao, Fei	NSF/National Science Foundation	S&AS: FND: COLLAB: Adaptive and Cognizant Vehicular Sensing and Control for Fleet-Oriented Systems in Smart Cities	07/31/2018	179,999
Ammar, Reda A	Egyptian Cultural and Educational Bureau	Egyptian CEB 2018-19	07/26/2018	26,336
Rajasekaran, Sanguthevar	Unilever	Predicting Product Sensory Characteristics from Formulation Composition	07/27/2018	17,557
Mandoiu, Ion I	DOD/Department of Defense/University of Connecticut Health Center	A Neopeptide Vaccine Against Recurrence of Epithelial Ovarian Cancer	07/26/2018	124,341
Fuller, Benjamin	NSF/National Science Foundation	CRII: Searchable Encryption for Biometric Data	08/07/2018	174,671
Rajasekaran, Sanguthevar	ED/Department of Education	Graduate Assistance in Areas of National Need (GAANN) Program	08/29/2018	895,500
Bi, Jinbo	Travelers	Hurricane Damage Detection from Aerial Images	09/07/2018	37,776
Rajasekaran, Sanguthevar	NSF/National Science Foundation	Eighth International IEEE Conference on Computational Advances in Bio and medical Sciences (ICCABS) - Travel Awards	09/10/2018	20,000
Fuller, Benjamin	Synchrony	Artificial Intelligence Configured Access Control (AC2)	07/13/2018	100,000
<b>Connecticut Transportation Institute</b>			<b>9 Proposals</b>	<b>\$2,546,246</b>
Mahoney, James M	CT Department of Transportation	Pilot Project for the Collection of Traffic Speed Deflectometer Data	07/13/2018	160,924
Mahoney, James M	CT Department of Transportation	Engineering Services for the Pavement Management Unit's Activities and Research	07/06/2018	158,686
Mahoney, James M	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Network Level Analysis for CTDOT's Pavement Management Unit Activities and Research	09/10/2018	245,586
Mahoney, James M	CT Department of Transportation	Network Level Analysis for CTDOT's Pavement Management Unit Activities and Research	09/10/2018	61,397
Mahoney, James M	CT Department of Transportation	Engineering Services for the Pavement Management Unit's Activities and Research	07/06/2018	158,686
Shea, Donna	CT Department of Transportation	CT Safety Circuit Rider Program	09/18/2018	132,897
Shea, Donna	DOT/Department of Transportation/CT Department of Transportation	CT Local Technical Assistance Program (LTAP) CT Rural Road Town Work Zone Safety Packages	09/18/2018	388,800
Shea, Donna	CT Department of Transportation	CT Rural Road Town Work Zone Safety Packages	09/18/2018	43,200

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Shea, Donna	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	CT Safety Circuit Rider Program	09/18/2018	1,196,070
CT Local Technical Assistance Program (LTAP)				
<b>Electrical and Computer Engineering</b>			<b>10 Proposals</b>	<b>\$7,527,699</b>
Yan, Bing	Midcontinent Independent System Operator (MISO)	Unit Commitment with SAVLR and Enhanced Formulation	09/20/2018	40,000
Chandy, John A	ED/Department of Education	Graduate Assistants in Areas of National Need: Computer Systems Security	08/29/2018	746,250
Dani, Ashwin	NSF/National Science Foundation	CAREER: Incorporating Physics and Material Properties in Data-drive Model Estimation of Compliant Bodies by Efficient and Safe Manipulation using Robots	07/19/2018	500,000
Bazzi, Ali	DOE/Department of Energy	Closed-Loop, Down-Hole Hybrid Hammer System for Boring Geothermal Holes	07/16/2018	1,996,896
Willett, Peter K	DHS/Department of Homeland Security/Stevens Institute of Technology	Long Term Prediction for Detection of Illegal Activity at Sea	07/13/2018	30,023
Zhang, Peng	DOE/Department of Energy	Cybersecurity for Attack-Resilient Electric and Gas Networks	07/02/2018	3,040,530
Silva, Helena	DOD/Air Force/Air Force Office of Scientific Research	Chemical Vapor Deposition and Growth Systems for Semiconductor and Dielectric Thin Films	07/06/2018	917,800
Anwar, A F	DOE/Department of Energy	Ultra Wide Spectrum Core Shell Nanostructures Photon Ratchet PhotoVoltaics	07/05/2018	139,824
Javidi, Bahram	Hamamatsu Photonics K.K.	Photon Counting Passive Three-Dimensional Imaging and Recognition with Hamamatsu EM CCD and sCMOS Cameras: Field Applications (Second Year)	08/31/2018	50,000
Yan, Bing	ISO New England	A Systematic Approach to Tighten Unit Commitment Formulations.	08/15/2018	66,376
<b>Engineering Dean</b>			<b>2 Proposals</b>	<b>\$1,131,614</b>
Wei, Mei	DHHS/NIH/National Institutes of Health/OrteoPoniX	Development of an Osteoconductive and Osteoinductive Bone Graft Substitute for Bone Defect Repair and Regeneration	07/31/2018	98,699
Wei, Mei	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Regeneration of the Osteochondral Tissue of the Mandibular Condylar Cartilage via Novel Multi-Zonal Scaffold and Growth Factors	08/28/2018	1,032,915
<b>Materials Science and Engineering</b>			<b>6 Proposals</b>	<b>\$1,756,392</b>
Singh, Prabhakar	NASA/National Aeronautics and Space Administration/American Oxygen	Feasibility Study & New Technology Assessment – method of producing high pressure (target >4000 psi) high purity oxygen (target >99.99%) using a process where none of the materials in the key subsystem are flammable	07/05/2018	45,000
Gao, Puxian	NSF/National Science Foundation/3D Array Technology	Ultralow PGM Loading Nano-Array Based Low Temperature Diesel Oxidation Catalysts	07/06/2018	112,500
Gao, Puxian	DOE/Office of Energy Efficiency and Renewable Energy	Multifunctional Nano-array Structured Membranes for VOC and PM Removal, In-situ Monitoring, and Anti-bacterial Applications	08/23/2018	999,999
Lee, Seok Woo	DOD/Navy/Department of the Navy	In-Situ Investigation on Mechanical Behaviors of Nanocrystalline Spinel Used for Transparent Armors	08/31/2018	453,893
Singh, Prabhakar	Nissan Motor Company	Avoidance of Cr Emissions and Electrode Poisoning in SOFC Power Systems: Mitigation Approaches and Experimental Validation	09/19/2018	120,000
Maric, Radenka	Cabot Corporation	Fundamental Study of Cathode Material in the Lithium-Ion Battery	09/21/2018	25,000
<b>Mechanical Engineering</b>			<b>24 Proposals</b>	<b>\$16,884,121</b>
Nguyen, Thanh D	DOD/Army/Army Medical Research Acquisition Activity	Biodegradable Piezoelectric Nanofiber Scaffold for Bone Regeneration	09/13/2018	1,280,744
Cooper, Ryan C	NSF/National Science Foundation	REU Site: Engineering in Extreme Environments (EX-REU)	08/22/2018	382,895
Chen, Xu	Unilever	Quality Remake: Toward a Quality-assured Sustainable Additive Manufacturing of PA12 Materials	09/13/2018	50,000

\* 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
Nguyen, Thanh D	NSF/National Science Foundation	Ultrasonic 3D manufacturing of biopolymers	08/16/2018	300,672
Nguyen, Thanh D	DOD/Army/Army Medical Research Acquisition Activity	Transdermal Curcumin-Neopeptide Microneedles for Cancer ImmunoTherapy	09/20/2018	520,792
Pasaogullari, Ugur	USAID/US Agency for International Development/Virginia Technical Institute	EmPOWERing Egypt	08/06/2018	6,538,290
Sung, Chih-Jen	NASA/National Aeronautics and Space Administration	Advanced Nuclear Propulsion Institute for Rapid Deep Space Travel	07/26/2018	
Sung, Chih-Jen	DOE/Lawrence Livermore National Laboratory	Experimental Measurement of Fuel Reactivity and Phi Sensitivity	07/20/2018	205,000
Sung, Chih-Jen	DOE/Office of Energy Efficiency and Renewable Energy/University of Idaho	Developing Sustainable Bio-Blends for Compression Ignition Systems: A Science Based Approach for Improved Combustion and Emissions Performance	07/09/2018	375,000
Tasoglu, Savas	NSF/National Science Foundation	CAREER: A Combined Experimental And Computational Approach: Resolving the Complex Fluid Dynamics of Droplet-based Bioprinting	07/19/2018	500,000
Pasaogullari, Ugur	DOE/Office of Energy Efficiency and Renewable Energy	Plasmonic Nanostructures for Enhanced Light Absorption	07/05/2018	385,844
Nguyen, Thanh D	NSF/National Science Foundation	CAREER: Biodegradable Piezoelectric Scaffold for Bone Regeneration	07/17/2018	500,001
Zhao, Xinyu	NSF/National Science Foundation	CAREER: Physics-Based Data-Driven Modeling to Understand Turbulence-Radiation-Soot-Chemistry Interaction in Fires	07/19/2018	500,000
Cetegen, Baki	NSF/ENG/Directorate for Engineering	Experimental Study of Bluff-body Stabilized Highly Turbulent Premixed Flames using Pre-vaporized Liquid Fuels	07/05/2018	346,536
Faghri, Amir	DOE/Office of Energy Efficiency and Renewable Energy	Integrated Multiphase Loop Heat Pipe Thermal Transport and Thermal Storage System for High Temperature CSP	07/05/2018	931,882
Chen, Xu	DOD/Navy/Office of Naval Research	From Asynchrony to Agility: Fast Situational Awareness under Decentralized and Constrained Feedback	08/31/2018	377,062
Pierce, David M	DOD/Department of Defense/University of Connecticut Health Center	Articular Cartilage Regeneration via Resident Chondroprogenitor: mechanisms and utility for healing articular cartilage defects in Post-Traumatic Osteoarthritis	09/11/2018	195,443
Chen, Xu	Unilever	Closed-Loop Quality-Assured Sustainable Mass Customization	09/20/2018	50,000
Lykotrafitis, George	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Hierarchical assessment of intervertebral disc degeneration and treatment	09/26/2018	560,601
Nguyen, Thanh D	Advanced Regenerative Manufacturing Institute (ARMI)	Bionic Force-Sensing Cartilage	09/26/2018	570,125
Zhao, Xinyu	FM Global	Detailed Modeling for Turbulent Fire Simulations	08/13/2018	67,000
Li, Ying	NSF/National Science Foundation	CAREER: Cyber-Enabled Designs of Lipid-Like Theranostic Nanoparticles with Tunable Size and Shape	07/19/2018	500,000
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Biodegradable intracranial pressure sensor based solely on medical biomaterials	07/03/2018	1,102,234
Tasoglu, Savas	DHHS/NIH/National Institutes of Health	Automated Toilet-based urine analysis for daily health monitoring	07/16/2018	644,000
<b>School of Fine Arts</b>			<b>3 Proposals</b>	<b>\$1,426,335</b>
<b>School of Fine Arts</b>			<b>3 Proposals</b>	<b>\$1,426,335</b>
Scheinfeldt, Joseph T	ED/Institute of Education Sciences	Charles VR: Understanding and promoting student-centered learning and literacy in virtual reality environments	08/23/2018	1,151,411
Scheinfeldt, Joseph T	Kress (Samuel H.) Foundation	Charles VR: Virtual Reality and Educational Publishing in Art History	09/28/2018	25,459
Scheinfeldt, Joseph T	Institute of Museum and Library Services	Tube: An Application for the Retrieval and Delivery of Remote Archival Documents	09/17/2018	249,465
<b>School of Law</b>			<b>1 Proposals</b>	<b>\$100,000</b>
<b>School of Law</b>			<b>1 Proposals</b>	<b>\$100,000</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Perkins, Lisa E	DOTR/Internal Revenue Service	Low Income Tax Payer Clinic	07/05/2018	100,000
<b>School of Nursing</b>			<b>5 Proposals</b>	<b>\$497,362</b>
<b>School of Nursing</b>			<b>5 Proposals</b>	<b>\$497,362</b>
Young, Erin	DHHS/NIH/National Institutes of Health/University of Wisconsin, Madison	Biopsychosocial Factors, Cumulative Stress and Health Outcomes in Adolescents with a Chronic Health Condition	09/24/2018	154,269
Jakubisin Konicki, Annette	CVS Health Foundation	CVS Health Foundation Scholarship Program 2019	09/24/2018	5,000
Starkweather, Angela	DHHS/NIH/National Institutes of Health/University of Florida	Further Elucidating the Omic Signature of PN Symptoms in Breast Cancer	07/18/2018	73,571
Young, Erin	Inova Health Systems	Genetic Relationship with Acute Surgical (GRASP) in Minimally Invasive Surgical Patients	08/31/2018	75,048
Cong, Xiaomei	DHHS/NIH/National Institutes of Health	Predicting Neurodevelopmental Outcomes in Premature Infants with Multi-omic Measures (PRENOP)	08/08/2018	189,474
<b>School of Pharmacy</b>			<b>16 Proposals</b>	<b>\$9,571,718</b>
<b>Pharmaceutical Sciences</b>			<b>15 Proposals</b>	<b>\$9,474,166</b>
Bahal, Raman	DHHS/NIH/National Institutes of Health/University of Iowa	Intestinal Microbes, Beta-Cells miR-204, and Type 2 Diabetes	09/21/2018	239,845
Vinogradova, Olga	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Treponema denticola MOSP: bipartite outer membrane protein and stable periplasmic conformer	09/20/2018	1,126,025
Bahal, Raman	DHHS/NIH/National Institutes of Health/Beth Israel Deaconess Medical Center	Targeting microRNAs to the tumor microenvironment with pHILIP conjugated next generation chemically modified PNAs	09/24/2018	1,005,423
Wright, Dennis	DHHS/NIH/National Institute of General Medical Sciences/Duke University	Computational Structure-based Protein Design	09/27/2018	19,945
Lu, Xiuling	DHHS/NIH/National Institute on Drug Abuse/Virginia Commonwealth University	Novel LAAM Formulations to Treat Opioid Use Disorder	09/13/2018	548,284
Bahal, Raman	McDonough (Andrew) B+ Foundation	Next Generation Targeting of Multiple OncomiRs for Lymphoma Therapy	09/12/2018	150,000
Zhong, Xiaobo	DHHS/NIH/National Institutes of Health	Impact of lncRNAs HNF1a-AS1 and HNF4a-AS1 on Drug Metabolism and Drug-Induced Toxicity	09/28/2018	2,012,500
Bahal, Raman	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Emerging Excipients for Encapsulating Anti-miRNA Oligonucleotides for Gene Therapy	08/31/2018	100,000
Wright, Dennis	DHHS/NIH/National Institutes of Health/Quercus Molecular Design	Multi-Targeting Antifolates for Hematological Malignancies	08/27/2018	100,000
Wright, Dennis	DHHS/NIH/National Institutes of Health/Quercus Molecular Design	Towards Broad Spectrum Antifungal Agents	08/27/2018	100,000
Lu, Xiuling	DHHS/NIH/National Institutes of Health/NAMI Therapeutics Corp	Nanoparticle-Based Intraperitoneal Delivery of Combined Chemo-Brachytherapy for Treatment of Ovarian Cancer Metastases	08/14/2018	135,643
Wright, Dennis	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Genetics of HSV DNA Replication	08/08/2018	1,046,500
Donepudi, Ajay Chowdary	DHHS/NIH/National Institutes of Health	Molecular determinants of Mrp4-mediated cAMP transport and their effects on adipogenesis	08/06/2018	442,750
Wiemer, Andrew	DHHS/NIH/National Cancer Institute	Regulation of gamma delta T cell immunoediting by novel phosphoantigens	07/03/2018	2,265,376
Kendall, Debra A	/DHHS/NIH/National Institute on Drug Abuse	CB1 Allosteric Modulators: Molecular, Cellular and In Vivo Pharmacology	07/30/2018	181,875
<b>Pharmacy Practice</b>			<b>1 Proposals</b>	<b>\$97,552</b>

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
White, Charles M	DHHS/AHRQ/Agency for Healthcare Research and Quality	Impact of Systematic Review Quality Measure Indexing on Health-System Efficiency and Value	09/26/2018	97,552
<b>School of Social Work</b>			<b>7 Proposals</b>	<b>\$1,496,434</b>
<b>School of Social Work</b>			<b>7 Proposals</b>	<b>\$1,496,434</b>
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	Evaluation of ASIST	08/06/2018	22,376
Lloyd, Margaret H	DHHS/SAMHSA/Center for Substance Abuse Treatment/Oklahoma Department of Mental Health and Substance Abuse Services	Okmulgee County Family Drug Court Enhancement Grant	09/27/2018	16,250
Lloyd, Margaret H	Oklahoma Department of Mental Health and Substance Abuse Services	CAPE Grant	08/07/2018	474,999
Medina, Catherine	DHHS/HRSA/Health Resources and Services Administration	FY 2018 BHWET Competitive Supplement	07/06/2018	400,000
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	CT DMHAS SOR Evaluation	08/08/2018	440,000
Wilson, Cristina	ED/Department of Education/University of Connecticut Health Center	Personnel Development to Improve Service and Results with Children with Disabilities	08/03/2018	42,809
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	DMHAS Research Development Initiative 2018-19	07/18/2018	100,000
<b>Academic and Service Programs</b>			<b>4 Proposals</b>	<b>\$1,129,639</b>
<b>Provost &amp; Exec VP Academic Affairs</b>			<b>2 Proposals</b>	<b>\$691,526</b>
Saunders-Kanabay, LuAnn I	Department of Education, Science & Training	Fulbright-Hayes Doctoral Dissertation Research Abroad Fellowship Program	07/03/2018	60,663
O'Neill, Rachel J	DHHS/NIH/National Institutes of Health	Development and Utilization of Splice-specific Antibodies	09/28/2018	630,863
<b>Unassigned Department</b>			<b>1 Proposals</b>	<b>\$116,361</b>
Blegen, Nicholas T	NSF/National Science Foundation	Collaborative Research: Joint Paleontological and Archaeological Investigations of Pleistocene Sediments at Natodomeri, Kenya	08/03/2018	116,361
<b>Undergraduate Education</b>			<b>1 Proposals</b>	<b>\$321,752</b>
Ranjeet, Bidya	ED/Office of Postsecondary Education	Student Support Services Program	09/06/2018	321,752
<b>Vice President for Research</b>			<b>16 Proposals</b>	<b>\$4,224,742</b>
<b>Center for Environmental Sciences and Engineering</b>			<b>4 Proposals</b>	<b>\$683,030</b>
Perkins, Christopher R	CT Department of Energy and Environmental Protection	Analytical Support to the Connecticut Department of Energy & Environmental Protection for the Long Island Sound Study and Ambient Water Quality Surveys	08/13/2018	281,250
Provatas, Anthony	Keck (W. M.) Foundation/University of Connecticut Health Center	A Novel and Blood-Based Approach for Characterizing the Microbiome in Health and Disease	09/20/2018	106,530
Perkins, Christopher R	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	Analytical Support to the Connecticut Department of Energy & Environmental Protection for the Long Island Sound Study and Ambient Water Quality Surveys	08/13/2018	281,250
Willig, Michael R	Town of Greenwich, CT	Microplastics and Associated Contaminants in Greenwich Embayments of Long Island Sound	07/31/2018	14,000
<b>Institute for Collaboration on Health, Intervention and Policy</b>			<b>8 Proposals</b>	<b>\$2,737,563</b>
Mancini, Sally A	USDA/Agricultural Research Service/Vermont Law School	Foodworks: Pioneering State and Local Food Policies	08/23/2018	9,100

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Schwartz, Marlene B	Feeding America	Promoting Foods to Encourage in Feeding America Food Banks	07/06/2018	99,903
Cooksey, Kristen E	Grant (William T.) Foundation	Black and Latino Youth's Perceptions of An Urban Food Swamp Environment: Exploring Issues of Equity & Policy Opportunities	08/01/2018	50,000
Schwartz, Marlene B	Johnson (Robert Wood) Foundation	Community Hubs for Health and Civic Engagement: The Untapped Potential of the Charitable Food Banking Network	09/07/2018	499,629
Schwartz, Marlene B	Johnson (Robert Wood) Foundation/University of Illinois at Chicago	Addressing Health Equity in Schools Through State and District Policies and Practices Regarding Food Insecurity: A Mixed Methods Study	09/20/2018	36,911
Butler, Lisa M	DHHS/NIH/National Cancer Institute/University of California, San Francisco	Promoting Early Diagnosis of Kaposi's Sarcoma in Uganda	08/30/2018	24,499
Hernandez, Dominica B	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Stigma Mechanisms of Disparities for HIV-Metabolic Comorbidities among African Americans	09/05/2018	1,992,991
Butler, Lisa M	DHHS/NIH/National Institutes of Health/Boston College	Feasibility and Acceptability of mHealth Intervention for Community Health Workers to Prevent Familial Violence and Intergenerational Transmission of Emotional and Behavioral Problems in Sierra Leone	08/28/2018	24,530
<b>Institute of Materials Science</b>			<b>4 Proposals</b>	<b>\$804,149</b>
Jankovic, Jasna	Volkswagen Aktiengesellschaft	2D Imaging and Quantification of Fuel Cell Catalyst Layers for New Layer Prototypes	08/22/2018	5,149
Frame, Lesley	Johnson & Johnson	Improving Resource Usage through Manufacturing Process Design and Materials Science and Engineering	09/24/2018	150,000
Jankovic, Jasna	Johnson & Johnson	Nature Inspired 3D Designs for Clean Energy Systems	09/24/2018	150,000
Sun, Luyi	USDA/National Institute of Food and Agriculture	Multi-Functional Nanocoatings Enabled Smart Food Packaging	08/09/2018	499,000
<b>University of Connecticut - Storrs &amp; Regional</b>			<b>374 Proposals</b>	<b>\$191,173,722</b>
<b>School of Dental Medicine</b>			<b>13 Proposals</b>	<b>\$5,915,642</b>
<b>Dental Medicine Dean</b>			<b>4 Proposals</b>	<b>\$1,075,390</b>
Aseltine, Robert H	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of the Healthcare Advocate	State Innovation Model Quality Scorecard	08/21/2018	119,462
Gupta, Kshitiz	DHHS/NIH/National Institutes of Health	Developing a Technology Platform to Estimate Cancer-Stroma Intercellular Signaling Dynamics	09/28/2018	601,488
Kuhn, Liisa T	Osteo Science Foundation	Quantifying cellular senescence and aging effects on alveolar bone healing	09/30/2018	140,910
Kuhn, Liisa T	University of Nottingham	Immune Instructive Materials-for in situ immune modulation and macrophage phenotype control.	08/14/2018	213,530
<b>Oral Health and Diagnostic Sciences</b>			<b>4 Proposals</b>	<b>\$3,330,701</b>
Dongari-Bagtzoglou, Anna I	DHHS/NIH/National Institute of Dental and Craniofacial Research	Oral Epithelial Cells, Candida and PMN Activation	07/05/2018	3,150,253
Nichols, Frank C	DHHS/NIH/National Institutes of Health/Nova Southeastern University	Ceramide-mediated pathology in periodontitis	07/10/2018	40,953
Lalla, Rajesh V	DHHS/NIH/National Institutes of Health/C Carolinas Medical Center	Identification of Oral Microbiome and Proteome Signatures as Key Factors in the Development of Post-Radiation Caries in Head and Neck Cancer Patients	09/20/2018	74,495
Mina, Mina	DHHS/HRSA/Health Resources and Services Administration	Postdoctoral Training in General, Pediatric and Public Health Dentistry and Dental Hygiene	08/21/2018	65,000
<b>Reconstructive Sciences</b>			<b>5 Proposals</b>	<b>\$1,509,551</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Wee, Natalie Kah Yun	American Society for Bone and Mineral Research	NEUROPEPTIDE Y FROM MONOCYTES/MACROPHAGES ALTERS SKELETAL HOMEOSTASIS	07/10/2018	7,435
Yadav, Sumit	Oral and Maxillofacial Surgery Foundation	PTH Action on the cells of chondrogenic lineage and its role in cartilage repair	07/12/2018	75,000
Dealy, Caroline N	DOD/Department of Defense	Articular Cartilage Regeneration by Native Chondroprogenitors for PT-OA Prevention	09/20/2018	1,105,109
Uribe, Flavio A	Columbia University	Potential Price of Orthodontics	09/27/2018	232,007
Dealy, Caroline N	DHHS/NIH/National Institutes of Health/DeMay Bio	A Mechanistically-novel First-in-class Rheumatoid Arthritis Therapeutic.	09/04/2018	90,000
<b>School of Medicine</b>			<b>130 Proposals</b>	<b>\$94,764,496</b>
<b>Academic Affairs and Education</b>			<b>9 Proposals</b>	<b>\$1,422,061</b>
Pettinato, Anthony M	American Heart Association	Functional Analysis of Human Cardiac Troponin T Mutations	07/10/2018	53,688
Hrdlicka, Henry C	DHHS/NIH/National Institutes of Health	miR-29 Regulation of the E-Cadherin Signaling Complex During Osteoclastogenesis	08/06/2018	93,441
Ladha, Fera	DHHS/NIH/National Institutes of Health	Investigating Cardiac Mechanotransduction Utilizing B-Type Natriuretic Peptide (BNP)	07/30/2018	308,976
Pettinato, Anthony M	DHHS/NIH/National Institutes of Health	Functional Analysis of Human Cardiac Troponin T Variants	07/31/2018	308,976
Keilich, Spencer R	DHHS/NIH/National Institutes of Health	Influenza-induced muscle degradation: mechanisms of flu-induced disability with aging	08/07/2018	91,841
Larson, Peter J	DHHS/NIH/National Institutes of Health	Skin Microbiome Modulation of Staphylococcus aureus Susceptibility in Older Adults	08/08/2018	255,101
Kwon, Grace J	DHHS/NIH/National Institutes of Health	Investigating the function of a highly expressed lncRNA in airway epithelium	08/07/2018	202,662
Hensel, Jessica A	American Heart Association	Alternative Splicing in Endothelial Regulation of NFkB Signaling	07/11/2018	53,688
Ladha, Fera	American Heart Association	Investigating Cardiac Mechanotransduction Utilizing BNP Reporter Assay	07/10/2018	53,688
<b>Calhoun Cardiology Center - CCC</b>			<b>1 Proposals</b>	<b>\$3,839,818</b>
Rash, Carla J	DHHS/NIH/National Institute on Drug Abuse	Targeting Smoking Cessation Medication Adherence Among Homeless Smokers	08/08/2018	3,839,818
<b>Cell Analysis Modeling - CCAM</b>			<b>5 Proposals</b>	<b>\$3,212,337</b>
Moraru, Ion I	DHHS/NIH/National Institutes of Health/University of Washington	Center for Reproducible Systems for Biomedical Imaging	07/19/2018	158,976
Blinov, Mikhail	DHHS/NIH/National Institutes of Health	Reusable building blocks (ModelBricks) for construction and automated annotation of computational models in biological systems	08/15/2018	1,639,060
Cauble, Meagan A	DHHS/NIH/National Institutes of Health	Determination of hierarchical degeneration and treatment in injury and congenital mouse models	08/08/2018	185,556
Loew, Leslie M	DHHS/NIH/National Institutes of Health/Johns Hopkins University	Nerve-Sparing Robot-Assisted Radical Prostatectomy Using Neuromodulation-Based Nerve Localization for Preventing Post-Operative Erectile Dysfunction	07/16/2018	71,481
Loew, Leslie M	DHHS/NIH/National Institutes of Health/Johns Hopkins University	Photoacoustic/Fluorescence Multi-Scale-Modality Tomographic System for In-Vivo Real-Time Transcranial Imaging of Neuronal Activity.	07/31/2018	1,157,264
<b>Cell Biology</b>			<b>2 Proposals</b>	<b>\$599,998</b>
Smilowitz, Henry	DOD/Department of Defense/Nanoprobes	Treating Brain Tumors with Iodine Nanoparticle Radiotherapy (INRT)	09/25/2018	499,998
Smilowitz, Henry	Owens (William and Ella) Medical Research Foundation	Iodine Nanoparticle-Enhanced Radiation Therapy	09/05/2018	100,000
<b>Center for Public Health</b>			<b>1 Proposals</b>	<b>\$20,000</b>

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Clark-Dufner, Petra C	DOD/Army/Department of the Army/National Science Teachers Association	Junior Science and Humanities Symposium	08/30/2018	20,000
<b>Center for Quantitative Medicine</b>			<b>5 Proposals</b>	<b>\$5,381,066</b>
Vera-Licona, Martha Paola	Connecticut Children's Medical Center	Consultation and Bioinformatics Services	07/10/2018	14,066
Laubenbacher, Reinhard C	DHHS/NIH/National Institutes of Health	Modular design of multiscale models, with an application to the innate immune response to fungal respiratory pathogens	07/24/2018	182,980
Laubenbacher, Reinhard C	DOD/Department of Defense	A Multiscale Modeling Approach to Ischemia-Reperfusion Injury	09/17/2018	682,704
Wang, Xiaoyan	Patient-Centered Outcomes Research Institute (PCORI)	Towards Comprehensive Syntactic and Semantic Parsing of Clinical Narratives via Deep Learning Method	09/25/2018	1,046,042
Mendes, Pedro J	DHHS/NIH/National Institutes of Health	Understanding and Predicting Iron Physiology at Multiple Scales -from Cells to Individuals	09/28/2018	3,455,274
<b>Center for Vascular Biology</b>			<b>5 Proposals</b>	<b>\$7,662,123</b>
Rodriguez-Oquendo, Annabelle	DHHS/NIH/National Institutes of Health/Brigham and Women's Hospital	Cardiovascular Risks of Cancer Immunotherapy	09/05/2018	429,525
Shapiro, Linda H	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Biomarkers and Treatments of Renal Injury in Newborns with Congenital Urinary Anomalies	07/03/2018	2,461,923
Shapiro, Linda H	DOD/Department of Defense	A Multi-scale Modeling Approach to Ischemia-Reperfusion Injury.	09/20/2018	1,645,675
Murphy, Patrick A	DHHS/NIH/National Institutes of Health	Unbiased Identification of Novel Endothelial Regulations of Inflammation	09/10/2018	1,500,000
Shapiro, Linda H	American Diabetes Association	Dissecting the Contributions of CD13/APN to Type 2 Diabetes.	07/05/2018	1,625,000
<b>Clinical And Translational Science Institute (CTSI)</b>			<b>1 Proposals</b>	<b>\$7,177</b>
Kuo, Chia-ling	CIGNA Foundation/Connecticut Children's Medical Center	Creating an Asthma Network: Improving Asthma Management for Children in the North Hartford Promise Zone	07/24/2018	7,177
<b>Community Medicine and Health Care</b>			<b>12 Proposals</b>	<b>\$4,389,789</b>
Bruder, Mary E	ED/Department of Education	Expansion of Early Childhood Associate Degree Programs in CT Community Colleges...	08/13/2018	749,917
Ha, Toan H	DHHS/NIH/National Institute of Mental Health	HIV risk among young women workers in the industrial zone in Vietnam	09/07/2018	396,260
Gelbar, Nicholas	DHHS/ACL/Administration for Community Living/CT Council on Developmental Disabilities	University of Connecticut, University Center for Excellence in Developmental Disabilities and Connecticut Council on Developmental Disabilities MOU	07/09/2018	8,322
Bruder, Mary E	DHHS/ACL/Administration for Community Living	University Centers for Excellence in Developmental Disabilities Education, Research, and Services	09/21/2018	23,000
Schensul, Stephen L	DHHS/NIH/National Institutes of Health/University of Connecticut	Identifying Contributing Factors to the Progression of Chronic Kidney Disease of Unknown Etiology in Sri Lanka. Award No. PA # 136019/Prime R21TWO010425-01	08/22/2018	1,625
Bruder, Mary E	WITH Foundation	Education of Community Health Centers about the Health Care Need of People with IDD	08/16/2018	50,000
Babor, Thomas F	World Health Organization	Mapping Study of the Involvement of the Alcohol Industry in Road Safety Policies and Programmes	07/30/2018	10,000
Bruder, Mary E	DHHS/ACL/Administration for Community Living	University Centers of Excellence in Developmental Disabilities Diversity Fellowships	08/06/2018	50,000
Ungemack, Jane A	Trinity Health/Saint Francis Hospital and Medical Center	UConn Evaluation of Well Being 360-Transforming Communities Initiative	09/28/2018	62,200
Babor, Thomas F	DHHS/NIH/National Institute on Drug Abuse	International Research Education Program in Addiction Science	07/20/2018	1,883,513

\* 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 E	ED/Office of Special Education and Rehabilitative Services	Interdisciplinary Preparation in Special Education, Early Intervention, and Related Services for Personnel Serving Children with Disabilities who have High-Intensity Needs	07/30/2018	1,100,000
Schensul, Stephen L	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Alcohol and ART Adherence: Assessment, Intervention and Modeling in India	05/22/2018	54,952
<b>Genetics and Genomics</b>			<b>7 Proposals</b>	<b>\$3,940,973</b>
Chung, Michael S	DHHS/NIH/National Institutes of Health	Evaluating ZNF274 as a therapeutic target for Prader-Willi Syndrome	08/07/2018	202,662
Ahmed, Zeeshan	DHHS/NIH/National Institutes of Health	PROMIS-MED: Precise and Reproducible OMICS-Data Management and Integrative System for Precision Medicine	09/10/2018	2,440,800
Rogina, Blanka	DHHS/NIH/National Institutes of Health	The role of epigenetics in Alzheimer's disease	07/03/2018	327,625
Chamberlain, Stormy J	Levo Therapeutics	ZNF274 depletion as a therapeutic approach for Prader-Willi Syndrome	08/30/2018	699,886
Lavigne, Sharon A	DHHS/HRSA/Health Resources and Services Administration/Organization of Teratology Information Services	Reproductive and Environmental Health Network	09/10/2018	70,000
Pinter, Stefan F	DHHS/NIH/National Institutes of Health	Contributions of sex chromosomal gene homologues in X monosomy	07/23/2018	195,000
Lavigne, Sharon A	University of California, San Diego	Asthma Medications in Pregnancy Project. Parent Log # 20140731 under Dr. Rosengren	09/10/2018	5,000
<b>Immunology</b>			<b>8 Proposals</b>	<b>\$4,601,787</b>
Vella, Anthony T	DHHS/NIH/National Institutes of Health/CaroGen	Augmenting T-Cell Responses of VLV-Based HBV Vaccines with Co-Stimulatory Molecules	08/15/2018	106,275
Wang, Kepeng	Crohn's and Colitis Foundation of America	IL-17 Signaling on CD4+ T Lymphocytes in Intestinal Autoimmune Inflammation	08/07/2018	347,490
Brocke, Stefan	National Multiple Sclerosis Society	Targeting the PDE8-Raf-1Kinase Complex to Treat CNS Inflammation	08/01/2018	675,000
Zhou, Beiyan	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	MiR-150 Regulated Adipose Tissue B Cells in Obesity	09/28/2018	2,050,000
Wang, Penghua	DHHS/NIH/National Institutes of Health	A Critical Role of STING Signaling in Controlling Viral Arthritis	09/20/2018	451,000
Vella, Anthony T	DHHS/NIH/National Institute of Allergy and Infectious Diseases/Jackson Laboratory	Microbiome-Immune System Interaction in Collaborative Cross Mice	08/30/2018	248,218
Clark, Robert B	National Multiple Sclerosis Society	TLR Tolerance in Multiple Sclerosis	07/11/2018	675,000
Wang, Penghua	American Association of Immunologists	Early Life Dynamics of Intestinal Microbiome Shape Intestinal Cell-Intrinsic Antiviral Immunity	09/05/2018	48,804
<b>Medicine</b>			<b>14 Proposals</b>	<b>\$9,820,990</b>
Gould, Bruce E	DHHS/HRSA/Health Resources and Services Administration/Massachusetts League of Community Health Centers	Connecticut River Valley Farmworker Health Program	07/17/2018	28,850
Prabhakar, Kavita	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	HIV/Hep C Co-Infection Project	09/27/2018	88,650
Zhou, Yanjiao	G.D. Searle	The Role of Gut Microbiome as a Non-Genetic Factor in Controlling Excessive Alcohol Drinking	09/26/2018	300,000
Radolf, Justin D	DHHS/NIH/National Institutes of Health	Treponema Denticola MOMP: bipartite outer membrane protein and stable periplasmic conformer	09/25/2018	2,806,298
Radolf, Justin D	Connecticut Children's Medical Center	Senior Scientific Advisor	09/18/2018	141,673

\* 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
Xiao, Liping	DHHS/NIH/National Institutes of Health	Sickle Cell Trait and Bone Fracture	09/13/2018	2,045,290
Wakai, Sarakei T	CT Department of Mental Health and Addiction Services/Forensic Services/CT Department of Public Health	CT Violent Death Reporting System Analyses.	09/07/2018	30,771
Shaw, William S	DOL/Department of Labor/Mathematica Policy Research	Opioid Epidemic and Workers' Compensation	08/21/2018	111,089
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Role of Host Genes and the Microbiome in Cocaine Addiction	07/31/2018	71,219
Mead, Erin L	DHHS/NIH/National Institutes of Health	Impact of Cigar Flavor on Tobacco Use Behaviors and Addition in Dual Users	07/18/2018	1,014,045
Ferris, Ann M	CT Department of Social Services	Supplemental Nutrition Assistance Program-Education	08/13/2018	2,859,942
Moore, George W	CT Department of Labor	CT DOL Occupational Health Clinics FY19	07/12/2018	309,217
Wakai, Sarakei T	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	State Public Health Actions (SHAPE)	08/27/2018	11,046
Luthra, Pooja	DAISY Foundation/University of Connecticut	Diabetes Self-Management, Psychosocial-Behavioral Factors and Health Outcomes in Individuals with LADA: A Pilot Study	08/29/2018	2,900
<b>Molecular Biology &amp; Biophysics</b>			<b>3 Proposals</b>	<b>\$3,722,181</b>
Weller, Sandra K	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Genetics of HSV DNA Replication	08/15/2018	3,584,082
Weller, Sandra K	DHHS/NIH/National Institutes of Health/Quercus Molecular Design	Viral Proteins as Radiosensitizers in the Treatment of Solid Tumors.	09/05/2018	134,999
Weller, Sandra K	Farmington High School, CT	Farmington High School Cutting Edge Internship Program	07/16/2018	3,100
<b>NEAG Cancer Center (SOM)</b>			<b>8 Proposals</b>	<b>\$5,814,659</b>
Andemariam, Biree	CT Department of Public Health/Hospital for Special Care	Sickle Cell Disease and Trait Community Outreach Program	09/11/2018	90,469
Hansen, Marc F	DHHS/NIH/National Institutes of Health	Malignant Transformation of a Persistent Stem Cell Population: Neural Crest Stem Cells and Craniofacial Osteosarcoma.	08/16/2018	2,050,000
Srivastava, Pramod K	DOD/Department of Defense	A Neoepitope vaccine against recurrence of epithelial ovarian cancer	08/02/2018	997,755
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health/Jackson Laboratory	The Microbiome of Precancerous Lesions	07/11/2018	163,813
Das, Asis	DHHS/NIH/National Institutes of Health/University of Texas Health Science Center at Houston	Mechanism and regulation of Polymicrobial Interactions governed by fusobacterium	09/17/2018	134,071
Hansen, Marc F	DHHS/NIH/National Institutes of Health	Malignant Transformation of a Persistent Stem Cell Population: Neural Crest Stem Cells and Craniofacial Osteosarcoma	09/27/2018	2,050,000
Nakanishi, Masako	DHHS/NIH/National Institutes of Health/University of Connecticut	Development and Testing of AK3 Anticancer Agents	09/24/2018	213,751
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health/Jackson Laboratory	The Microbiome of Precancerous Lesions.	08/02/2018	114,800
<b>Neuroscience</b>			<b>13 Proposals</b>	<b>\$14,384,032</b>
Ma, Xinming	DHHS/NIH/National Institutes of Health	Exploring the Role of RFWD2 in Depression.	07/16/2018	450,438
Hu, Xiangyou	DHHS/NIH/National Institutes of Health	Monitoring Seizure Activity Following BACE1 Inhibition for Alzheimer's Disease Treatment.	07/13/2018	450,438

\* 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
Bernstein, Leslie	DOD/Navy/Office of Naval Research	Behavioral Measures of the Precision of Coding of Interaural Disparities in Human Listeners.	07/24/2018	272,660
Antic, Srdjan D	Cure Alzheimer's Fund	Physiological Method for Early Detection of Synaptic Vulnerability in AD Model Animal	08/01/2018	345,000
Levine, Eric S	DHHS/NIH/National Institutes of Health	Regulation of Synaptic Plasticity by BDNF-endocannabinoid Interactions	08/16/2018	2,049,063
Yan, Riqiang	DHHS/NIH/National Institute on Aging	Inhibition of BACE1 for benefiting Alzheimer's Patients	08/03/2018	3,409,691
Levine, Eric S	DHHS/NIH/National Institutes of Health	Using Genetics to Uncover Cellular Phenotypes Underlying Dup15q Syndrome.	08/15/2018	449,125
Martinelli, David C	Action on Hearing Loss	Discovery of the Auditory Function of the Outer Hair Cell Afferent Synapses	08/07/2018	210,445
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Small non-coding RNAs regulate retinal ganglion cell maturation and the developmental loss of intrinsic axon growth capacity	08/10/2018	2,049,063
Ma, Xinming	DHHS/NIH/National Institutes of Health	Dissecting the Role of Dpys 12 in Depression	08/16/2018	2,050,000
Martinelli, David C	Hood (Charles H.) Foundation	Establishing The C1Q-like Protein Signaling Pathway as a Novel Target for ADHD Treatment	09/13/2018	163,816
Antic, Srdjan D	DHHS/NIH/National Institute of Mental Health	Technologies for Multi-Cell Voltage Imaging at Single-Cell Resolution	09/26/2018	2,459,293
Levine, Eric S	DHHS/NIH/National Institutes of Health/Syracuse University	Electrophysiological Characterization of x Ct-Deficient Sut Mice	09/28/2018	25,000
<b>Orthopaedic Surgery</b>			<b>12 Proposals</b>	<b>\$4,669,503</b>
Mazzocca, Augustus D	Arthrex	Isolation of adult human stem cells from ilium during hip arthroscopy surgery. Supplies Fund 601383	09/28/2018	2,281
Mazzocca, Augustus D	Arthrex	Influence of Different Non-Resorbable Suture Materials on Human Ligament, Tendon, Muscle, and Bone Cells: Supplies Fund 601383	09/04/2018	4,989
Kumbar, Sangamesh G	DHHS/NIH/National Institutes of Health/University of Virginia	Potential of adipose derived stem cells (ADSCs) for therapeutic enhancement of bone regeneration	09/21/2018	92,976
Walker, Joseph	DHHS/NIH/National Institutes of Health/University of Connecticut	Effectiveness of the Control Back Self-Management Intervention for Low Back Pain	09/18/2018	120,726
Mazzocca, Augustus D	Arthrex	Arthrex Research 2019	09/18/2018	395,338
Kumbar, Sangamesh G	DOD/Department of Defense	PR180803P1-Bioactive Micro-Nano Nerve Grafts for Peripheral Nerve Regeneration	09/12/2018	1,232,799
Laurencin, Cato	DHHS/NIH/National Institutes of Health/Carnegie Mellon University	Osteomimetic graphene as a cell instructive scaffold for bone regeneration	07/11/2018	188,809
Sanjay, Archana	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases/University of Colorado	Identification of Genes Regulating Bone Matrix Composition and Quality	07/05/2018	23,254
Laurencin, Cato	DOD/Department of Defense/University of Connecticut	Biodegradable Piezoelectric Nanofiber Scaffold for Bone Regeneration	09/06/2018	188,444
Sathe, Vinayak	DOD/Department of Defense/University of Connecticut	Articular Cartilage Regeneration by Native Chondroprogenitors for PT-OA Prevention	09/04/2018	169,366
Laurencin, Cato	DOD/Department of Defense/Advanced Regenerative Manufacturing Institute (ARMI)	Regenerative Engineering for Education and Learning Impact	08/24/2018	502,819
Kumbar, Sangamesh G	DOD/Department of Defense	PR180315 - "Bioerodible Growth Factor Eluting Cellulose-Based Formulations for Bone Regeneration	09/06/2018	1,747,703
<b>Psychiatry</b>			<b>11 Proposals</b>	<b>\$14,713,897</b>

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Kaminer, Yifrah	DHHS/NIH/National Institutes of Health	Continued Care for Youth with Alcohol and/or Cannabis Use Disorder and Co-Occurring Depression	07/03/2018	3,922,674
Grasso, Damion J	CT Judicial Branch/Connecticut Children's Medical Center	Asset based approaches serving children exposed to family violence	07/05/2018	22,646
Grasso, Damion J	CT Department of Children and Families/Connecticut Children's Medical Center	Intimate Partner Violence and Child Maltreatment Yr. 5	07/17/2018	25,512
Covault, Jonathan M	DHHS/NIH/National Institutes of Health/Virginia Commonwealth University	Zonisamide Treatment of Alcohol Use Disorder: An Evaluation of Efficacy and Mechanisms of Action	08/01/2018	1,061,946
Kamath, Jayesh	DHHS/NIH/National Institutes of Health/University of Connecticut	Personalized Depression Treatment Supported b Mobile Sensor Analytics	08/02/2018	464,760
Steinberg, Karen L	DHHS/ACF/Administration for Children and Families/CT Office of Early Childhood	Nurturing Families Network	09/07/2018	477,884
Ginsburg, Golda S	ED/Department of Education	Enhancing the Capacity of School Nurses to Reduce Excessive Anxiety in Children: An Efficacy Trial of the CALM Intervention	08/10/2018	3,300,000
Ginsburg, Golda S	ED/Department of Education	Transitioning Anxious Middle Schoolers Successfully: Development of a Brief Intervention (TAMS)	08/20/2018	1,400,000
Steffens, David C	DHHS/NIH/National Institutes of Health/Yale University	Depression and Accelerated Brain Aging: A PET Imaging Study	09/07/2018	117,210
Bauer, Lance O	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Post Doctoral Training Program in Alcohol Studies	07/31/2018	223,039
Wang, Lihong	DHHS/NIH/National Institutes of Health	Effect of Stress Across the Lifespan on Brain Aging and Cognitive Decline	07/03/2018	3,698,226
<b>Surgery</b>			<b>4 Proposals</b>	<b>\$1,838,512</b>
Kreutzer, Donald L	DHHS/NIH/National Institutes of Health/Wayne State University	Closing the Loop for Diabetes: CSII for the 21st Century	09/27/2018	1,312,000
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	Novel Liquid Coatings for Surgical Mesh that Enhance Mesh Biocompatibility in Vivo	08/22/2018	47,916
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	Uses of Exosome-Based Mesh Coatings to Enhance Hernia Repair	08/22/2018	38,278
Smith, Phillip P	DHHS/NIH/National Institute on Aging	Role of Senolytics in Lower Urinary Tract Aging and Voiding Disorders	08/16/2018	440,318
<b>UConn Center on Aging</b>			<b>9 Proposals</b>	<b>\$4,723,592</b>
Fortinsky, Richard	DHHS/NIH/National Institute on Aging/Brown University	NIA AD/ADRD Health Care Systems Research Collaboratory	07/31/2018	248,716
Robison, Julie T	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Microbiome plasticity & pathogenicity in older adults, baselines & transitions from skilled nursing care	08/09/2018	1,457,025
Bartley, Jenna	DHHS/NIH/National Institutes of Health/Harvard Medical School	The Mechanistic Effect of a Combined Testosterone Therapy and Exercise Intervention upon Axial Bone and Muscle Post-Hip Fracture	07/26/2018	77,884
Xu, Ming	American Federation for Aging Research	Using Senolytic Drugs to Alleviate Age-Related Frailty and Inflammation	07/17/2018	120,000
Lee, Sun-Kyeong	USDA/Department of Agriculture/University of Connecticut	Importance of timing in blackcurrant supplementation in lowering inflammation and promoting bone health	07/30/2018	99,177
Kuchel, George A	DHHS/NIH/National Institute on Aging	IPA: Genetic Analysis of Inflammatory Variants in Human Aging	09/25/2018	43,460
Xu, Ming	DHHS/NIH/National Institutes of Health	Targeting Cellular Senescence to Extend Healthy Lifespan in Aging	09/07/2018	2,460,000
Robison, Julie T	DHHS/ACL/Administration for Community Living/LiveWell	ACL Alzheimer's Disease Program	07/03/2018	148,678

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## Quarterly Proposal List by Academic Home Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Robison, Julie T	DHHS/ACL/Administration for Community Living/CT Department of Rehabilitative Services, State Unit on Aging (DORS)	VOICES:Storytelling and Care Planning	08/09/2018	68,652
<b>Other UConn Health</b>			<b>5 Proposals</b>	<b>\$813,440</b>
<b>Other UConn Health</b>			<b>5 Proposals</b>	<b>\$813,440</b>
Young, Erin	DHHS/NIH/National Institutes of Health/University of Wisconsin, Madison	Biopsychosocial factors, cumulative stress and health outcomes in adolescents with a chronic health condition.	09/21/2018	29,873
Finck, Christine M	DOD/Department of Defense/University of Vermont	Clinical Development of a Novel Pleual and Tracheal Sealant	09/18/2018	299,108
Paul, Gabriel G	Gold (Arnold P.) Foundation for Humanism in Medicine	Men's Health-Seeking Behavior, Cancer Knowledge and Awareness, and Willingness to Support Female Partners in Jeremie, Haiti	07/03/2018	3,300
Nold, Christopher	DHHS/NIH/National Institutes of Health	Developing a Novel Immunological Therapy to Preterm Birth thru Anti-Granulocyte Macrophage-Colony Stimulating Factor (GM-CSF) Antibodies	06/15/2018	447,710
Young, Erin	INOVA Diagnostics/University of Connecticut	Genetic Relationship with Acute Surgical (GRASP) in Minimally Invasive Surgical Patients	08/30/2018	33,449
<b>University of Connecticut Health</b>			<b>148 Proposals</b>	<b>\$101,493,578</b>
<b>Grand Total</b>			<b>522 Proposals</b>	<b>\$292,667,300</b>

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## Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>College of Agriculture, Health and Natural Resources</b>			<b>67 Proposals</b>	<b>\$29,132,954</b>
<b>Agricultural and Resource Economics</b>			<b>7 Proposals</b>	<b>\$2,361,070</b>
Andreyeva, Tatiana	Johnson (Robert Wood) Foundation	Quasi-Experimental Evaluation of the Updated Meal Patterns in the Child and Adult Care Food Program	09/25/2018	199,999
Bovay, John	USDA/National Institute of Food and Agriculture	Implications for Market Structure and Farm Profitability of Expanded Production of Food in Greenhouses in the Northeast to Serve Local Markets	08/30/2018	497,807
Bovay, John	USDA/National Institute of Food and Agriculture	On-Farm Loss and Waste of Vegetables: Measurement, Drivers, and Welfare Implications	08/30/2018	495,826
Dunn, Richard	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	08/03/2018	65,718
Dunn, Richard	USDA/National Institute of Food and Agriculture/University of Wisconsin, Madison	New Geographies for Understanding Rural Business and Employment Dynamics	07/31/2018	116,568
Steinbach, Sandro	USDA/National Institute of Food and Agriculture	The Impact of Trade Disputes on U.S. Agriculture: Data-Driven Approaches for Counterfactual Measurement	08/30/2018	485,528
Towe, Charles	USDA/National Institute of Food and Agriculture	Valuing Rural Stewardship of Riverine Ecosystems: A Foundation to Recover Water Quality Benefits Across Linked Rural and Urban Economies	09/13/2018	499,624
<b>Agriculture and Natural Resources Dean</b>			<b>5 Proposals</b>	<b>\$3,560,481</b>
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Animal Health and Disease	08/31/2018	14,062
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Capacity Infrastructure Program/Renewable Resources Extension Act (RREA)	08/27/2018	46,448
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Hatch Multistate Research	08/27/2018	482,586
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Hatch Regular Research	08/27/2018	791,428
Venkitanarayanan, Kumar S	USDA/National Institute of Food and Agriculture	FY 2019 Smith Lever Program	08/27/2018	2,225,957
<b>Allied Health Sciences</b>			<b>2 Proposals</b>	<b>\$537,132</b>
Bureau, Paul J	CT Department of Labor/University of Connecticut Health Center	FY19 Occupational Health Clinics	07/11/2018	37,235
Silbart, Lawrence K	USDA/National Institute of Food and Agriculture	Tailoring the host response to M. gallisepticum live-attenuated vaccines using nanoparticle-based RNAi	07/26/2018	499,897
<b>Animal Science</b>			<b>13 Proposals</b>	<b>\$3,615,778</b>
Amalaradjou, Mary A	USDA/National Institute of Food and Agriculture	Attenuation of Colitis Associated Liver Injury in Mice by Low-Fat Cheese and Cheese Starter Cultures	08/09/2018	231,239
Amalaradjou, Mary A	USDA/National Institute of Food and Agriculture	Effect of In-Ovo Probiotic Supplementation on Muscle Growth and Energy Status in Broiler Embryos and Chicks	07/26/2018	280,024
Amalaradjou, Mary A	USDA/National Institute of Food and Agriculture	Improving the Microbial Safety of Fresh Apples Using Probiotics under Simulated Commercial Conditions	08/01/2018	146,499
D'Amico, Dennis	National Dairy Council	Optimizing the Application of Hydrogen Peroxide to Control Listeria Monocytogenes Contamination on the Surface of High-Moisture Cheese	09/28/2018	19,281
D'Amico, Dennis	USDA/National Institute of Food and Agriculture	Determining the protective and probiotic potential of select lactic acid bacteria in dairy products against Listeria monocytogenes	08/01/2018	199,824
Nadeau, Jenifer	American Quarter Horse Association	Greenways Ambassadors in Training Project	07/30/2018	6,392

## Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Reed, Sarah A	USDA/National Institute of Food and Agriculture	Poor maternal nutrition across generations: Roles for oxidative stress, metabolism, and inflammation	07/26/2018	499,990
Tang, Young	USDA/National Institute of Food and Agriculture	Establish Completely Reprogrammed Bovine Induced Pluripotent Stem Cells	07/25/2018	500,000
Tang, Young	USDA/National Institute of Food and Agriculture	Identification of Small Molecules to Prevent Porcine Reproduction and Respiratory Syndrome Virus (Prrsv) Infection	07/26/2018	500,000
Tian, Xiuchun C	USDA/Agricultural Research Service	Development of Tools to Improve Somatic Cell Nuclear Transfer	08/21/2018	194,000
Upadhyay, Abhinav	USDA/National Institute of Food and Agriculture	Mitigating Salmonella and Campylobacter jejuni Biofilms in Processing Environments Using Natural Antimicrobials and Novel Carrier Systems	08/01/2018	499,038
Upadhyay, Abhinav	USDA/National Institute of Food and Agriculture	Novel Microbubble Technology to Reduce Contamination of Poultry Products and Fresh Produce for Small and Medium Veteran Farmers	08/23/2018	499,491
Zinn, Steven A	USDA/Agricultural Research Service	Multi-Omics Approaches to Study Effect of Antibiotic Alternatives on Pathogen Colonization, Poultry Gut Microbiota Function, Health and Productivity	08/17/2018	40,000
<b>Extension</b>			<b>6 Proposals</b>	<b>\$545,363</b>
Bonelli, Joseph A	USDA/Risk Management Agency	Crop Insurance and Risk Management Education and Information for Connecticut Farmers and Growers	07/30/2018	228,000
Cushman, Jennifer E	USDA/National Institute of Food and Agriculture	Enhancing Science Literacy in Genetic Engineering through Teacher Professional Development for Student Success	07/11/2018	149,997
Gray, Pamela M	USDA/National Institute of Food and Agriculture/Kansas State University	CT 4-H Military Partnership	09/28/2018	25,197
Martin, Jennifer L	CNCSC/Corporation for National and Community Service	Healthy Food Should be Normal Food: Leadership Development for a Better Food System in CT	09/04/2018	7,000
Valiquette, Edith L	DOJ/Department of Justice/National 4-H Council	CT 4-H Mentoring Project	09/14/2018	107,169
Welch, Mary E	USDA/National Institute of Food and Agriculture/University of Missouri	Connecticut Healthy Homes 2018 - Social Media	09/17/2018	28,000
<b>Kinesiology</b>			<b>9 Proposals</b>	<b>\$448,581</b>
Bubela, Deborah J	Move Together	University of Connecticut Doctor of Physical Therapy Community Clinic Operational Development	09/04/2018	1,300
Casa, Douglas J	CamelBak Products	CamelBak Team Sport Cooling	08/14/2018	49,998
Casa, Douglas J	DOD/Air Force Research Laboratory/Research Foundation for the State University of New York	Sweat Electrical Sensor Validation During Exerwise and Rest (SEVERE) AFRL NextFlex Validation	07/16/2018	75,000
Casa, Douglas J	DOD/Army/Medical Research and Materiel Command/Jackson (Henry M.) Foundation	Validation of Internal Body Temperature and Physiological Measures During Exercise and Rest	08/16/2018	53,458
Casa, Douglas J	Eastern Connecticut State University	Athletic Training Services: A Relationship between ECSU and UConn	07/27/2018	116,473
Casa, Douglas J	National Football League (NFL) Foundation	Kick Start Safety-NFL Athletic Training Program	08/06/2018	15,440
Casa, Douglas J	Windham Public Schools, CT	Athletic Training Services: A Relationship Between Windham High School and UConn	07/10/2018	33,944
Pescatello, Linda S	American Heart Association	Meta-Analyses to Examine the Chronic and Acute Antihypertensive Effects of Alternative and Traditional Forms of Exercise	07/12/2018	51,484
Taylor, Beth M	American Heart Association	Muscle-Specific MicroRNAs as a Novel Biomarker to Predict Statin-Associated Muscle Damage	07/12/2018	51,484
<b>Natural Resources and the Environment</b>			<b>2 Proposals</b>	<b>\$55,631</b>

## Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Robbins, Gary A	Town of Sherman, CT	Proposal to Assess Fracture Flow and Contaminant Conditions in 6 Wells in Town of Sherman, CT	07/06/2018	31,620
Vokoun, Jason	CT Department of Energy and Environmental Protection	Evaluating the Genomic Effects of Hatchery Stocking on Wild Brook Trout	08/30/2018	24,011
<b>Nutritional Sciences</b>			<b>10 Proposals</b>	<b>\$3,541,364</b>
Blesso, Christopher N	DHHS/NIH/National Institutes of Health	Dietary Sphingomyelin for the Prevention of Chronic Low-Grade Inflammation	07/16/2018	442,750
Blesso, Christopher N	USDA/National Institute of Food and Agriculture	Milk phospholipids as modifiers of gut microbial lipid exposure for prevention of diet-induced low-grade inflammation	08/08/2018	499,824
Chun, Ock K.	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Microbiome Plasticity and Pathogenicity in Older Adults: Baselines and Transitions from Skilled Nursing Care	08/06/2018	17,132
Chun, Ock K.	USDA/National Institute of Food and Agriculture	Importance of Intervention Timing in Blackcurrant Supplementation in Lowering Inflammation and Promoting Bone Health	08/08/2018	500,000
Fernandez, Maria-Luz	USDA/National Institute of Food and Agriculture	Effects of Yogurt on Inflammation and Microbiota in Obese Individuals	08/09/2018	500,000
Kohan, Alison	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Determining the Mechanism for ApoC-III Stimulation of IL-10 and Tregs in the Intestine: Is this Novel Effect Beneficial?	07/16/2018	241,500
Lee, Ji-Young	USDA/National Institute of Food and Agriculture	Prevention of Obesity-Associated Inflammation and Liver Disease by Blackcurrant: Mechanistic Insight in Obese Humans	08/09/2018	500,000
Luo, Yangchao	USDA/National Institute of Food and Agriculture	Development and Assessment of Edible Nanoparticles Encapsulating Astaxanthin for Food Fortification	07/30/2018	499,970
Melough, Melissa M	Nutricia Research Foundation	Zinc Supplementation Reduces Cadmium and Associated Health Risks from Environmental Tobacco Smoke	09/21/2018	58,188
Puglisi, Michael J	USDA/Food and Nutrition Service/CT Department of Social Services	Food Security Project, CT SNAP-Ed Program	08/03/2018	282,000
<b>Pathobiology</b>			<b>10 Proposals</b>	<b>\$13,855,686</b>
Garmendia, Antonio E	USDA/National Institute of Food and Agriculture	Multivalent multiepitope Mosaic Vaccine: Towards Controlling PRRSV High Heterogeneity	07/26/2018	499,086
Geary, Steven J	DHHS/NIH/National Institutes of Health	Co-Pathogen Effects on Disease Dynamics and Pathogen/Host Responses	09/27/2018	2,016,478
Geary, Steven J	DOD/Defense Threat Reduction Agency/Leidos	Technical Directive TD-O1-007: Turkey MoFAL Epidemiology and Laboratory Diagnostic Training	09/07/2018	336,958
Geary, Steven J	USDA/National Institute of Food and Agriculture	U.S. Animal Vaccinology Research Coordination Network - UConn	07/26/2018	499,995
Khan, Mazhar I	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Preclinical Development of a Universal Influenza Nanovaccine	08/10/2018	8,540,775
Lee, Dong-Hun	Konkuk University Industrial Corporation Foundation	Complete Genome Sequencing and Molecular Analysis of Archived Influenza A Viruses	09/12/2018	32,858
Levin, Milton J	Harbor Branch Oceanographic Institute/Florida Atlantic University	Evaluation of Immune Functions in Free-Ranging Sea Turtles	08/24/2018	5,477
Risatti, Guillermo	USDA/Agricultural Research Service	Procine Cytomegalovirus (pCMV) as a immunogenic Vector to Deliver Recombinant Antigens against Classical Swine Fever Virus (CSFV) Strain E2 and Porcine Reproduction and Respiratory Syndrome (PRRS) Virus Antigens	07/26/2018	90,630
Szczepanek, Steven M	NSF/National Science Foundation	CAREER: Emergence of Snake Fungal Disease Due to Adaptation of an Environmental Fungus to Serpents	07/18/2018	1,209,046
Tulman, Edan	DHHS/NIH/National Cancer Institute/South Dakota State University	Molecular Mechanisms of Picornavirus Persistence	09/21/2018	624,383

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>Plant Science and Landscape Architecture</b>			<b>3 Proposals</b>	<b>\$611,868</b>
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Forest and Agricultural Pest Outreach	07/27/2018	5,000
Li, Yi	Citrus Research and Development Foundation	Engineering Rootstock for Tolerance to HLB and Other Biotic and Abiotic Stresses	07/20/2018	486,868
Raudales Banegas, Rosa E	USDA/National Institute of Food and Agriculture	Evaluating Nitrifying Bacteria with Organic Fertilizers to Optimize Nitrogen Availability in Organ Tomato Production in Soilless Systems	07/19/2018	120,000
<b>College of Liberal Arts and Sciences</b>			<b>111 Proposals</b>	<b>\$42,088,955</b>
<b>Anthropology</b>			<b>2 Proposals</b>	<b>\$133,346</b>
Blegen, Nicholas T	NSF/National Science Foundation	Collaborative Research: Joint Paleontological and Archaeological Investigations of Pleistocene Sediments at Natodomeri, Kenya	08/03/2018	116,361
Bolnick, Deborah	NSF/National Science Foundation	Doctoral Dissertation Research: Evaluating the Genomic Signatures of British Colonialism: Change and Identity in Colonial Belize	07/23/2018	16,985
<b>Chemistry</b>			<b>9 Proposals</b>	<b>\$5,495,956</b>
Basu, Ashis K	DHHS/NIH/National Institute of Environmental Health Sciences/Johns Hopkins University	Biochemical Studies on Fapy-dG With Eukaryotic Enzymes and in Mammalian Cells	07/09/2018	53,570
He, Jie	NSF/National Science Foundation	CAREER: Simple Polymer Mimics of Enzymes to Control Catalytic Activity and Selectivity of Metal Ions and Clusters	07/20/2018	694,899
Peczuh, Mark W	Mizutani Foundation for Glycoscience	A Platform for Identifying Glycosylated Small Molecule Lead Compounds	08/30/2018	62,952
Quardokus, Rebecca C	Johnson & Johnson	Nanodevice Fabrication to Measure Thermal and Charge Transport Properties of Molecular Wires and Two-Dimensional Materials with Atomic Resolution	09/24/2018	150,000
Rouge, Jessica	Janssen Biotech	Antisense Oligonucleotide Nucleic Acid Nanocapsule therapeutics for targeted delivery and treatment of Gastrointestinal Diseases	08/07/2018	301,526
Rouge, Jessica	Johnson & Johnson	Enhancing Therapeutic efficacy using multi-gene silencing RNA nanoconjugates	09/24/2018	150,000
Rouge, Jessica	NSF/National Science Foundation	CAREER: Multi-stimuli Responsive DNA-Nanoshells - Compartmentalizing Molecules at the Nanoscale for Enhanced Reaction Selectivity and Sensitivity	07/20/2018	632,374
Rusling, James F	DHHS/NIH/National Institutes of Health	Electrocatalytic Studies of Toxic Pollutant Activation	07/05/2018	2,747,161
Ung, Gael W	NSF/National Science Foundation	CAREER: Enhancing, Tuning and Exploiting the Intramolecular Excimer Emission of Two Aromatic Moieties Linked by a Single Atom	07/20/2018	703,474
<b>Ecology and Evolutionary Biology</b>			<b>7 Proposals</b>	<b>\$929,324</b>
Jockusch, Elizabeth L	DOI/United States Fish and Wildlife Service/State University of New York	Conservation Genetics of the Inyo Mountain Salamander	08/03/2018	29,223
Knutie, Sarah A	NSF/National Science Foundation	Collaborative Research: Host Microbiota as a Mediator of Anthropogenic Factors, Immune Responses, and Infectious Disease Interactions	09/28/2018	576,776
Merow, Cory G	NASA/NASA Shared Services Center (NSSC)/American Museum of Natural History	Expanding Wallace biodiversity modeling software to support national biodiversity change indicator calculations for GEO BON assessment and reporting	09/06/2018	79,747
Merow, Cory G	NSF/National Science Foundation	Collaborative Research: IGE: Ecoinformatics for the Next Generation of Environmental Data Scientists: Interactive, modular, open-source tutorials	09/27/2018	116,392
Schultz, Eric T	CT Department of Energy and Environmental Protection	Slimy Sculpin Habitat Monitoring and Range Re-Distribution Modeling in Connecticut Due to Climate Change	08/16/2018	25,569

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Schultz, Eric T	National Fish and Wildlife Foundation	Does Outreach Shape Angler Acceptance of Harvest Restrictions for Tautog in Long Island Sound?	07/12/2018	101,617
Yarish, Charles	DOC/Department of Commerce	Optimizing kelp production in western Long Island Sound	07/23/2018	
<b>Economics</b>			<b>1 Proposals</b>	<b>\$192,910</b>
Ross, Stephen L	ED/Institute of Education Sciences/Ohio State University	Dual Enrollment and Career and Technical Education: A multi-state evaluation of policies designed to increase education and employment outcomes in the Cincinnati Metropolitan Statistical Area	08/16/2018	192,910
<b>Geography</b>			<b>2 Proposals</b>	<b>\$440,876</b>
Park Boush, Lisa	NSF/National Science Foundation	GP-IMPACT: Creating Pathways for Literacy, Undergraduate Majors and Careers in the Geosciences through Institutional Collaborations	09/21/2018	
Stephenson, Scott	NSF/National Science Foundation	CAREER: Mapping the New Geography of Climate Governance: Spatial Dynamics of Climate Actor Networks	07/17/2018	440,876
<b>History</b>			<b>1 Proposals</b>	<b>\$740,000</b>
Simpson, Bradley R	Wilson (Woodrow) International Center for Scholars	The First Right: Self-Determination and the Transformation of International Politics	08/31/2018	740,000
<b>Human Development and Family Studies</b>			<b>1 Proposals</b>	<b>\$650,000</b>
Russell, Beth S	Grant (William T.) Foundation	Heeding risk indicators in the school to prison pipeline: Improving outcomes in a high-risk community	09/07/2018	650,000
<b>Integrative Geoscience</b>			<b>5 Proposals</b>	<b>\$1,197,798</b>
Byrne, Timothy B	NSF/National Science Foundation	Collaborative Research: Crustal Seismic Anisotropy and Orogenic Processes in Taiwan	07/18/2018	180,074
Fernandes, Anjali	NSF/GEO/Directorate for Geosciences/Villanova University	Collaborative Research: An Inter-Disciplinary Approach to Constraining Geomorphic Responses to the Eocene-Oligocene Hothouse to Icehouse Transition	07/11/2018	274,933
Fernandes, Anjali	NSF/National Science Foundation	Collaborative Research: From Surface Dynamics to Strata: Quantifying the Storage of Signals in Sedimentary Systems in Space and Time	09/13/2018	133,514
Park Boush, Lisa	NSF/National Science Foundation	RCN: RATES: Building a Spatial and Temporal Framework for Understanding Surface Earth Processes	07/20/2018	24,150
Tabor, Clay	NSF/National Science Foundation	CAREER: Deconvolution of marine isotopic variability with an isotope-enabled Earth system model to constrain ice volume and temperature since the Pliocene	07/20/2018	585,127
<b>Linguistics</b>			<b>2 Proposals</b>	<b>\$638,037</b>
Kaufmann, Johanna Magdalena	NSF/National Science Foundation	Suppositional Language	07/16/2018	306,713
Van der hulst, Hendrikus G	NSF/National Science Foundation	Collaborative Research: Word Prominence in Languages with Complex Morphology: Phonology, Morphology, Phonetics	07/16/2018	331,324
<b>Marine Sciences</b>			<b>18 Proposals</b>	<b>\$3,648,595</b>
Baumann, Zofia A	DOC/NOAA/National Oceanic and Atmospheric Administration/North Pacific Research Board	Outreach on the origins and fate of Mercury in the ocean to diverse audiences in Connecticut and Alaska	07/25/2018	19,650
Cabaniss, Joseph T	Columbia University	Charter of R/V Connecticut by Columbia University for Barclay Equipment Deployment and Recovery	08/21/2018	36,608
Cabaniss, Joseph T	EPA/Environmental Protection Agency/Battelle	Charter of R/V Connecticut for 2018 Monitoring of Region 2's Historic Area Remediation Site	07/06/2018	88,000

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Cabaniss, Joseph T	NSF/GEO/Directorate for Geosciences/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Mooring Recovery Deployment	07/03/2018	17,952
Cabaniss, Joseph T	NSF/National Science Foundation/University of California, San Diego	Charter of R/V Connecticut by Scripps for Equipment Development and Recovery	08/21/2018	36,608
Cabaniss, Joseph T	NSF/National Science Foundation/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Alpha Project	08/21/2018	53,152
Cabaniss, Joseph T	NSF/National Science Foundation/Woods Hole Oceanographic Institution	Charter of R/V Connecticut for WHOI Glider Support	07/30/2018	73,840
Granger, Julie	NSF/National Science Foundation	Collaborative Research: Isotopic Constraints on the Contribution of N2 Fixation to New and Export Production in the NPSG	08/15/2018	399,982
Lin, Senjie	NSF/National Science Foundation	Estimating Plankton Carbon Biomass using DNA	08/15/2018	452,470
Lombardo, Kelly	NSF/National Science Foundation	Collaborative Research: Local Observations of Blizzards and Snowstorms Threatening the Atlantic Seaboard (LOBSTAS)	08/22/2018	384,835
Mason, Robert	NSF/National Science Foundation	Collaborative Research: Constraining the role of chemical transformations in the cycling of Hg at the Arctic Ocean air-sea interface	09/13/2018	482,258
McManus, George B	NSF/National Science Foundation	Ciliate mixotrophy in an estuarine/shelf ecosystem: an integrated field, experimental, and molecular study	08/14/2018	607,619
Siedlecki, Samantha A	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Washington	RVA-OA2017 The Olympic Coast as a Sentinel: An Integrated Social-Ecological Regional Vulnerability Assessment to Ocean Acidification	09/06/2018	61,114
Siedlecki, Samantha A	NSF/National Science Foundation	Collaborative Research: Constraining the Effect of Glacial Runoff on Ocean Acidification	08/15/2018	164,806
Vaudrey, Jamie M	Dominion Energy	Analysis of Niantic River Water and Macrophyte Samples, 2018	08/21/2018	28,795
Vlahos, Epapante P	DHHS/NIH/Fogarty International Center	Identifying Contributing Factors to the Progression of Chronic Kidney Disease of Unknown Etiology in Sri Lanka	08/16/2018	24,999
Vlahos, Epapante P	DHHS/NIH/National Institutes of Health/Stanford University	Chronic kidney disease of unknown etiology: evaluating an endemic nephropathy with a multidisciplinary approach	09/17/2018	519,751
Vlahos, Epapante P	NSF/National Science Foundation	Sea Spray - Atmosphere Gas Exchange (SSAGE)	08/15/2018	196,156
<b>Mathematics</b>			<b>13 Proposals</b>	<b>\$4,124,102</b>
Alonso Ruiz, Patricia	NSF/National Science Foundation	Stochastic Processes on Rough Spaces and Geometric Properties of Random Sets	09/20/2018	151,438
Dzhafarov, Damir	NSF/National Science Foundation	CAREER: Advances in computable combinatorics, reverse mathematics, and their applications	07/16/2018	578,319
Dzhafarov, Damir	NSF/National Science Foundation	FRG: Collaborative Research: Computability-Theoretic Aspects of Combinatorics	09/12/2018	379,450
Dzhafarov, Damir	NSF/National Science Foundation	The Complexity of Combinatorial Problems: From Computability Theory to Ramsey Theory	09/25/2018	305,123
Lee, Kyu-Hwan	NSF/National Science Foundation	Quiver Representations and Sato-Tate Distributions	09/25/2018	295,374
Li, Sean	Sloan (Alfred P.) Foundation	Sloan Fellowship	09/17/2018	70,000
Li, Zhongyang	NSF/National Science Foundation	CAREER: Limit Shape and Integrability in Statistical Mechanical Models	07/20/2018	635,577
Li, Zhongyang	NSF/National Science Foundation	Limit Shape and Integrability in Statistical Mechanical Models	09/25/2018	231,916
Mostovyi, Oleksii	NSF/National Science Foundation	CAREER: An approach to pricing, hedging, stability and asymptotic analysis in financial markets	07/20/2018	500,229
Roby, Thomas	NSF/National Science Foundation	Collaborative Research: Actions and Orbits in Algebraic Combinatorics	09/25/2018	447,253



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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Teplyaev, Alexander	NSF/National Science Foundation	Random Processes on Singular Spaces	09/25/2018	429,423
Vadiveloo, Jeyaraj	Massachusetts Mutual Life Insurance Company	Mass Mutual Service Agreement	08/14/2018	50,000
Vadiveloo, Jeyaraj	Prudential Insurance Company of America	Analyzing Actual to Expected Net Claims for Flexible Premium Contracts	07/31/2018	50,000
<b>Molecular and Cell Biology</b>			<b>9 Proposals</b>	<b>\$4,819,556</b>
Gage, Daniel J	USDA/National Institute of Food and Agriculture/CT Agricultural Experiment Station	A targeted approach defining the functional ecology and roles of protists in shaping plant and soil microbiomes	09/21/2018	305,426
Goldhamer, David J	Blueprint Medicines	Investigating Mechanisms of FOP Pathogenesis and Functional Activity of ALK2 Inhibition	08/08/2018	350,006
Goldhamer, David J	International Fibrodysplasia Ossificans Progressiva Association	Single-cell transcriptional profiling of skeletogenic progenitors in FOP mice	07/19/2018	84,040
Graf, Joerg	USDA/Agricultural Research Service	Metagenomic Analysis of the Aquaculture Environment	08/15/2018	397,001
Hird, Sarah M	NSF/National Science Foundation	CAREER: Testing Ecological Patterns and Evolutionary processes in Composition and Functions of the Avian Microbiome	07/18/2018	896,987
Malone, John H	NSF/National Science Foundation	CAREER: Heteromorphic sex chromosome evolution in amphibians: the interaction between genomic history and selection for transforming dosage in vertebrate genomes	07/18/2018	1,364,564
Nyholm, Spencer V	NSF/National Science Foundation	Collaborative Programs Research: Unraveling Environmental and Evolutionary Drivers of Symbiont Diversity Using Beneficial Microbes and Their Animal Hosts	09/28/2018	457,265
O'Neill, Rachel J	DHHS/NIH/National Institutes of Health	Development and Utilization of Splice-specific Antibodies	09/28/2018	630,863
Teschke, Carolyn M	DHHS/NIH/National Institutes of Health/University of North Carolina, Chapel Hill	A novel protein export chaperone for M. Tuberculosis virulence effectors	07/27/2018	333,404
<b>Philosophy</b>			<b>1 Proposals</b>	<b>\$100,000</b>
Lynch, Michael P	Mellon (Andrew W.) Foundation	New England Humanities Consortium	07/13/2018	100,000
<b>Physics</b>			<b>8 Proposals</b>	<b>\$5,537,697</b>
Cormier, Vernon F	DOD/Air Force Research Laboratory	Analysis of S/Lg Coda for Depth Discrimination and Crustal Attenuation on the Korean Peninsula	08/23/2018	325,634
McCarron, Daniel	DOD/Air Force/Air Force Office of Scientific Research	Apparatus for Producing a Bose-Einstein Condensate of Polar Molecules	07/06/2018	300,000
McCarron, Daniel	NSF/National Science Foundation	CAREER: A New Platform for Quantum Science with Laser Cooled Molecules	07/20/2018	652,814
Sochnikov, Ilya	DOD/Department of Defense/Ministry of Defense (Israel)	High Sensitivity SQUIDs for Magnetic Field Detection	08/09/2018	149,999
Sochnikov, Ilya	Northrop-Grumman	High-Throughput Scanning SQUID Microscope	08/01/2018	1,255,181
Trallero, Carlos	DOD/Navy/Office of Naval Research/University of California, Berkeley	X-ray STIRAP: A New Approach for Targeted Molecular Dynamics	09/18/2018	2,000,000
Trump, Jonathan R	NASA/National Aeronautics and Space Administration/Space Telescope Science Institute	The Cosmic Evolution Early Release Science Survey	09/13/2018	37,730
Trump, Jonathan R	NSF/National Science Foundation	CAREER: Mapping Supermassive Black Holes with Industrial-Scale Light Echoes	07/20/2018	816,339
<b>Physiology and Neurobiology</b>			<b>5 Proposals</b>	<b>\$2,618,850</b>
Chen, Xinnian	ED/Institute of Education Sciences/Yale University	Targeted Interventions for Student Commitment to Evidence-based Teaching Practices in Undergraduate Education	08/16/2018	209,496

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Chen, Xinnian	Helmsley (Leona M. and Harry B.) Charitable Trust/Yale University	National Academies Summer Institute on Undergraduate Education	09/11/2018	17,000
Chen, Xinnian	NSF/National Science Foundation	REU Site: Research Experiences in Physiology and Neurobiology at UConn	08/22/2018	324,854
Menuz, Karen A	DHHS/NIH/National Institutes of Health	Beyond Odor Receptors: Molecular basis of insect olfaction	08/31/2018	2,012,500
Nishiyama, Akiko	National Multiple Sclerosis Society	VAMP2-mediated exocytosis in oligodendrocyte lineage cells for myelination	09/12/2018	55,000
<b>Political Science</b>			<b>1 Proposals</b>	<b>\$25,035</b>
Kashwan, Prakash	American Political Science Association	Avoiding "Day Zero" in the US and Global South	07/11/2018	25,035
<b>Psychological Sciences</b>			<b>10 Proposals</b>	<b>\$6,971,960</b>
Coppola, Marie	NSF/National Science Foundation	Collaborative Research: The Conceptualization of Events in Users of Hometown Sign Language	07/16/2018	207,543
Hoefl, Fumiko	DHHS/NIH/National Institute of Child Health and Human Development	Neural Mechanisms Underlying Compensation in Dyslexia	08/30/2018	4,210,223
Hoefl, Fumiko	Oak Foundation	Assessing the Impact of Mentoring on Students with Learning Differences	09/28/2018	140,603
Kalichman, Seth C	DHHS/NIH/National Institutes of Health/Makerere University	Exploring Peer and Family Support to Reduce Dimensions of HIV-Related Stigma and Improve Engagement in HIV Care in Rural Uganda	07/31/2018	54,967
Magnuson, James S	NSF/National Science Foundation/Carleton College	RUI: Spread the Word: A Spoken-Word Recognition Megastudy	07/26/2018	30,000
Marsh, Kerry L	Travelers	Nudges Toward Better Driving: Phase I	09/11/2018	14,161
Park, Crystal	American Heart Association	Effects of Psychological Trauma and Cognitive Appraisals on Cardiovascular Reactivity	07/11/2018	53,688
Paxton, Alexandra E	American Psychological Association	What you see is what you feel: How social anxiety shapes visual perceptions and attention	09/14/2018	7,475
Printz, Destiny M	Johnson (Robert Wood) Foundation	Health Policy Research Scholars Program - Printz	07/11/2018	120,000
Volgushev, Maksim A	DHHS/NIH/National Institutes of Health	Heterosynaptic plasticity and learning in awake and sleeping brain	09/04/2018	2,133,300
<b>Public Policy</b>			<b>1 Proposals</b>	<b>\$99,892</b>
Hyman, Joshua M	DOE/Lawrence Berkeley National Laboratory/University of California, Berkeley	The Effects of Wind Energy Installation on School District Revenues and Expenditures, Resource Allocations, and Student Achievement	08/30/2018	99,892
<b>Sociology</b>			<b>3 Proposals</b>	<b>\$266,722</b>
Reyes, Daisy	Russell Sage Foundation	How Colleges Shape Latino Millennials' Trajectories to Adulthood	08/20/2018	
Reyes, Daisy	Spencer Foundation	How Do Colleges Shape Latino Millennials' Trajectories to Adulthood?	08/01/2018	50,000
Voyer, Andrea M	NSF/National Science Foundation	The Mythical Norm Then and Now: Emily Post and 95 Years of the Etiquette of Inequality	08/15/2018	216,722
<b>Speech, Language and Hearing Sciences</b>			<b>5 Proposals</b>	<b>\$1,426,276</b>
Friesen, Lendra	American Hearing Research Foundation	Rate Discrimination in Elderly Cochlear Implant Users	08/15/2018	20,000
Grela, Bernard	University of Connecticut Health Center	Personnel Development to Improve Services and Results for Children with Disabilities	07/27/2018	42,394
Myers, Emily	NSF/National Science Foundation	Doctoral dissertation research: Cognitive and neural architectures for phonetic generalization	07/16/2018	19,320
Skoe, Erika	NSF/National Science Foundation	CAREER: Dual Language Learning as a Training Ground for Sensory Processing	07/20/2018	788,335

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Spaulding, Tammie J	ED/Institute of Education Sciences/University of Arizona	Improving Science Vocabulary Acquisition for Elementary Students: Exploring Input Variability and Learner Characteristics	08/15/2018	556,227
<b>Statistics</b>			<b>6 Proposals</b>	<b>\$2,019,724</b>
Chen, Ming-Hui	DHHS/NIH/National Institute on Aging/University of North Carolina, Chapel Hill	Statistical Methods for Cancer Clinical Trials	07/10/2018	9,725
Wang, Haiying	NSF/National Science Foundation	CAREER: Optimal Subsample Selection	07/20/2018	403,263
Wang, Xiaojing	NSF/National Science Foundation	CAREER: Advancing Latent Variable Statistical Modeling for the Analysis of Big and Complex Longitudinal Data to Promote Personalized Learning	07/20/2018	685,965
Yan, Jun	DHHS/NIH/National Institutes of Health	Methods and Computing Tools for Semiparametric Quantile Residual Life Modeling with Application to Dental Restoration Longevity	07/16/2018	333,597
Yan, Jun	NSF/National Science Foundation	Collaborative Research: Statistical inference and computing for discretely observed diffusion governed by a Markov renewal process in animal movement modeling	09/17/2018	487,174
Zhang, Yuping	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Integrating Heterogeneous Multi-Omics Profiles to Decipher Molecular Pathways and Regulatory Networks in Tumorous Aberrations	08/31/2018	100,000
<b>Urban Studies Program</b>			<b>1 Proposals</b>	<b>\$12,299</b>
Donegan, Mary K	Regional Studies Association	Distributed Dynamics	08/16/2018	12,299
<b>NEAG School of Education</b>			<b>18 Proposals</b>	<b>\$22,649,453</b>
<b>Curriculum and Instruction</b>			<b>1 Proposals</b>	<b>\$1,499,679</b>
Settlage, John	NSF/National Science Foundation	University of Connecticut Master STEM Teachers Fellows Program	08/28/2018	1,499,679
<b>Educational Leadership</b>			<b>4 Proposals</b>	<b>\$1,779,072</b>
Cobb, Casey D	ED/Department of Education/CT Office of Early Childhood	Evaluation of the Connecticut Federal Preschool Development Expansion Grant	09/26/2018	150,418
McGarry, Jennifer E	USDA/Food and Nutrition Service/CT Department of Social Services	Husky Sport	07/06/2018	1,370,739
Michno, Jennifer A	Hartford Foundation for Public Giving	A Project to Effectively implement Family, School, Community Engagement Work into Leadership Training to Build Statewide Capacity	07/27/2018	208,104
Weiner, Jennie	Spencer Foundation	Leading While Black (and Female): Exploring Intersectionality and the Lived Experiences of Black, Female School Leaders	08/01/2018	49,811
<b>Educational Psychology</b>			<b>13 Proposals</b>	<b>\$19,370,702</b>
Brown, Scott W	ED/Institute of Education Sciences/University of Illinois at Chicago	Development of a Globally Literate Citizenry	08/22/2018	1,344,948
Chafouleas, Sandra M	ED/Institute of Education Sciences/University of Wisconsin, Madison	Teacher Characteristics and Environmental Factors Associated with Identification of Students with Social-Emotional and Behavioral Concerns	08/15/2018	256,994
Coyne, Michael D	ED/Institute of Education Sciences	New England Integrated MTSS Network Team	08/09/2018	3,999,589
Feinberg, Adam B	ED/Department of Education/MA Department of Elementary and Secondary Education	PBIS Academy	09/13/2018	2,961,439
Freeman, Jennifer L	ED/Institute of Education Sciences/Lehigh University	Enhanced College and Career Readiness (ECCR) for Secondary Students with Emotional and Behavioral Problems	08/10/2018	437,677
Lombardi, Allison	ED/Institute of Education Sciences	College and Career Readiness for Transition (CCR4T): Development and Validation of a Student Measure	08/23/2018	1,399,944

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Lombardi, Allison	ED/Institute of Education Sciences	Empowering Teachers with Technology Skills in Transition (Empower3T): Equipping Teachers to Improve College and Career Readiness Outcomes for Students with Disabilities	08/23/2018	1,399,839
Lombardi, Allison	ED/Institute of Education Sciences/University of Wisconsin, Madison	Developing and Implementing Transition-Focused Individualized Education Programs for Early Adolescents with Disabilities	08/14/2018	235,119
Reis Renzulli, Sally	Cooke (Jack Kent) Foundation	Paths and Influences on Persistence and Choices in Education, Aspirations, and Careers of JKC Scholars	08/15/2018	53,680
Rhoads, Christopher H	ED/Institute of Education Sciences/City University of New York	What Happens when Students can't get into an Online Course Section? Online Course Scarcity, Student Time Poverty, and Academic Momentum	08/16/2018	57,749
Sanetti, Lisa M	ED/Institute of Education Sciences	Project SUPPORTS: SUpporting Paraeducator Practices by means Of Research & Theory-informed Strategies	08/17/2018	1,399,049
Simonsen-Gaines, Brandi M	ED/Department of Education/University of Oregon	National Center on Positive Behavioral Interventions and Supports	08/10/2018	4,424,903
Simonsen-Gaines, Brandi M	ED/Institute of Education Sciences	Project TEACH: Training to Evidence- and Assessment-Based Classroom Habits	08/21/2018	1,399,772
<b>School of Business</b>			<b>7 Proposals</b>	<b>\$3,730,862</b>
<b>CT Small Business Development Center</b>			<b>2 Proposals</b>	<b>\$2,352,242</b>
Ercolano, Joseph	CT Department of Economic and Community Development	Small Business Development Center FY19	08/31/2018	1,176,121
Ercolano, Joseph	SBA/Small Business Administration	Small Business Development Center FY19	08/31/2018	1,176,121
<b>Connecticut Center for Entrepreneurship and Innovation</b>			<b>1 Proposals</b>	<b>\$15,000</b>
Folta, Timothy B	Spencer Foundation/University of Hartford	InsurTech Curriculum Innovation	08/23/2018	15,000
<b>Finance</b>			<b>1 Proposals</b>	<b>\$63,345</b>
Ghosh, Chinmoy	Searle Freedom Trust/Georgia State University	Textual Analysis of the "Pay Ratio" Rule Mandated by the Dodd-Frank Act	08/14/2018	63,345
<b>Operations &amp; Info Management</b>			<b>3 Proposals</b>	<b>\$1,300,275</b>
Bergman, David	DOD/Navy/Office of Naval Research	Expanding the Limits of Mathematical Optimization Through Decision Diagrams	08/31/2018	546,724
Bergman, David	NSF/National Science Foundation	CAREER: Expanding the Limits of Combinatorial optimization through Decision Diagrams	07/18/2018	505,287
Shankar, Ramesh	NSF/National Science Foundation	Reciprocity in online communities and its impact on knowledge sharing	07/16/2018	248,264
<b>School of Engineering</b>			<b>90 Proposals</b>	<b>\$48,912,751</b>
<b>Biomedical Engineering</b>			<b>9 Proposals</b>	<b>\$5,041,173</b>
Chen, Yupeng	DHHS/NIH/National Institutes of Health	Developing Nanomaterial Platform for Intra-Cartilage Delivery of RNA Therapeutics against Joint Diseases	09/21/2018	1,466,725
Chen, Yupeng	DHHS/NIH/National Institutes of Health	Growth Plate Cartilage Repair via Novel Matrilin3/Rosette Nanotube Hybrid Matrix	09/19/2018	101,475
Chon, Ki H	DOD/Navy/Naval Submarine Medical Research Laboratory/Leidos	Effect of Wakefulness on Auditory Cued Visual Search	08/09/2018	37,397
Feng, Bin	NSF/National Science Foundation	CAREER: Understanding Peripheral Neuromodulation to Enhance Non-Drug Management of Chronic Pain	07/16/2018	563,672
Kumavor, Patrick D	NSF/National Science Foundation	REU Site: Innovative Biomedical Device Technologies for Enhanced Healthcare Delivery	08/22/2018	347,381
Nukavarapu, Syam P	DOD/Department of Defense	Articular Regeneration by Native Chondroprogenitors for PT-OA Prevention	09/20/2018	1,103,680

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Santaniello, Sabato	NSF/National Science Foundation	CAREER: Robust Identification and Multi-Objective Control Methods for Neuronal Networks Under Uncertainty	07/18/2018	564,556
Zheng, Guoan	DOD/Navy/Office of Naval Research	Fourier ptychographic integral imaging for single-shot aperture synthesis and turbulence-corrected 3D imaging	08/31/2018	356,287
Zheng, Guoan	NSF/National Science Foundation	CAREER: Tackling Imaging Challenges in Biophotonics via a New Ptychographic Framework	07/19/2018	500,000
<b>Center for Clean Energy Engineering</b>			<b>17 Proposals</b>	<b>\$14,102,029</b>
Agrios, Alexander	DOE/Office of Energy Efficiency and Renewable Energy	Scalable Processing of Encapsulation and Charge Extraction Layers for Robust, Efficient Perovskite Solar Cells	07/05/2018	200,000
Anwar, A F	DOE/Department of Energy	Ultra Wide Spectrum Core Shell Nanostructures Photon Ratchet PhotoVoltaics	07/05/2018	139,824
Bazzi, Ali	DOE/Department of Energy	Closed-Loop, Down-Hole Hybrid Hammer System for Boring Geothermal Holes	07/16/2018	1,996,896
Jankovic, Jasna	Volkswagen Aktiengesellschaft	2D Imaging and Quantification of Fuel Cell Catalyst Layers for New Layer Prototypes	08/22/2018	5,149
Lei, Yu	USDA/National Institute of Food and Agriculture	Nanotechnology-Enabled, Non-Invasive, In-Field, and Fast Monitoring of Volatile Biomarkers for Crop Health	08/09/2018	500,000
Maric, Radenka	Cabot Corporation	Fundamental Study of Cathode Material in the Lithium-Ion Battery	09/21/2018	25,000
Pasaogullari, Ugur	DOE/Office of Energy Efficiency and Renewable Energy	Plasmonic Nanostructures for Enhanced Light Absorption	07/05/2018	385,844
Pasaogullari, Ugur	USAID/US Agency for International Development/Virginia Technical Institute	EmPOWERing Egypt	08/06/2018	6,538,290
Singh, Prabhakar	NASA/National Aeronautics and Space Administration/American Oxygen	Feasibility Study & New Technology Assessment – method of producing high pressure (target >4000 psi) high purity oxygen (target >99.99%) using a process where none of the materials in the key subsystem are flammable	07/05/2018	45,000
Singh, Prabhakar	Nissan Motor Company	Avoidance of Cr Emissions and Electrode Poisoning in SOFC Power Systems: Mitigation Approaches and Experimental Validation	09/19/2018	120,000
Sung, Chih-Jen	DOE/Lawrence Livermore National Laboratory	Experimental Measurement of Fuel Reactivity and Phi Sensitivity	07/20/2018	205,000
Sung, Chih-Jen	DOE/Office of Energy Efficiency and Renewable Energy/University of Idaho	Developing Sustainable Bio-Blends for Compression Ignition Systems: A Science Based Approach for Improved Combustion and Emissions Performance	07/09/2018	375,000
Sung, Chih-Jen	NASA/National Aeronautics and Space Administration	Advanced Nuclear Propulsion Institute for Rapid Deep Space Travel	07/26/2018	
Valla, Ioulia	NSF/ENG/Directorate for Engineering	CAREER: Revolutionizing Sulfur Removal in Transportation Fuels via Absorption in Ion Exchanged Zeolites	07/13/2018	500,000
Valla, Ioulia	NSF/National Science Foundation	INFEWS/T2: An Integrated Experimental and Computational Approach to Understand the Technological, Economic, Environmental and Societal Impacts of Food-Energy-Water Systems	09/26/2018	2,499,026
Zhao, Xinyu	FM Global	Detailed Modeling for Turbulent Fire Simulations	08/13/2018	67,000
Zhao, Xinyu	NSF/National Science Foundation	CAREER: Physics-Based Data-Driven Modeling to Understand Turbulence-Radiation-Soot-Chemistry Interaction in Fires	07/19/2018	500,000
<b>Chemical and Biomolecular Engineering</b>			<b>1 Proposals</b>	<b>\$317,471</b>
Ma, Wing Kui Anson	Unilever	Rheology Modeling Program ("DigiRheo 1.0")	08/28/2018	317,471
<b>Civil and Environmental Engineering</b>			<b>7 Proposals</b>	<b>\$2,349,917</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Astitha, Marina	NASA/National Aeronautics and Space Administration	Attribution of changes in air quality over the period 1990-2014 using regional atmospheric and air quality models, in-situ and satellite observations, spectral decomposition and data-mining techniques	08/24/2018	275,694
Astitha, Marina	NSF/National Science Foundation	CAREER: Understanding the dynamics and predictability of extreme storms: integrating weather research and education	07/18/2018	530,427
Jang, Shinae	NSF/National Science Foundation	REU Site: Project-Based Learning with Infrastructure Research	08/22/2018	402,203
Kirchhoff, Christine	NSF/National Science Foundation	CAREER: Infrastructure Resilience in the Community Context: Understanding the Role People, Policy and Knowledge Play in the Community and Infrastructure	07/19/2018	500,488
Mellor, Jonathan E	Oxford Policy Management/University of Massachusetts, Amherst	Identifying opportunities for irrigation to improve agricultural output and stimulate demand for electricity in Ethiopia	09/20/2018	51,106
Zhang, Wei	NSF/National Science Foundation	CAREER: Hybrid Physics-Based and Data-Informed Damage Modeling and Learning System for Civil Infrastructures	07/19/2018	500,000
Zhu, Jin	NSF/National Science Foundation/Florida International University	Adaptive Engineering and Science for Planning and Design of Urban Infrastructure in Nonstationary Environments	09/10/2018	89,999
<b>Computer Science and Engineering</b>			<b>13 Proposals</b>	<b>\$3,990,070</b>
Ammar, Reda A	Egyptian Cultural and Educational Bureau	Egyptian CEB 2018-19	07/26/2018	26,336
Bi, Jinbo	Travelers	Hurricane Damage Detection from Aerial Images	09/07/2018	37,776
Fuller, Benjamin	NSF/National Science Foundation	CRII: Searchable Encryption for Biometric Data	08/07/2018	174,671
Fuller, Benjamin	Synchrony	Artificial Intelligence Configured Access Control (AC2)	07/13/2018	100,000
Han, Song	NSF/National Science Foundation	CAREER: Towards Dynamic and Composite Resource Management in Industrial IoT Environments with Intermittent Data Sources	07/18/2018	500,000
Mandoiu, Ion I	DOD/Department of Defense/University of Connecticut Health Center	A Neopeptide Vaccine Against Recurrence of Epithelial Ovarian Cancer	07/26/2018	124,341
Miao, Fei	NSF/National Science Foundation	S&AS: FND: COLLAB: Adaptive and Cognizant Vehicular Sensing and Control for Fleet-Oriented Systems in Smart Cities	07/31/2018	179,999
Rajasekaran, Sanguthevar	ED/Department of Education	Graduate Assistance in Areas of National Need (GAANN) Program	08/29/2018	895,500
Rajasekaran, Sanguthevar	NSF/MPS/Directorate for Mathematical and Physical Sciences	EAGER: Type II: Deep Learning and Combinatorial Algorithms for Inorganic Crystal Structure Prediction	07/09/2018	299,999
Rajasekaran, Sanguthevar	NSF/National Science Foundation	Eighth International IEEE Conference on Computational Advances in Bio and medical Sciences (ICCABS) - Travel Awards	09/10/2018	20,000
Rajasekaran, Sanguthevar	Unilever	Predicting Product Sensory Characteristics from Formulation Composition	07/27/2018	17,557
Russell, Alexander	CT Office of the Secretary of the State	Certification and Acceptance Testing of Electronic Voting Equipment Required for Use by the Federal Help America Vote Act of 2002	08/14/2018	459,124
Wang, Bing	DHHS/NIH/National Institutes of Health	SCH: Personalized Depression Treatment Supported by Mobile Sensor Analytics	08/02/2018	1,154,767
<b>Connecticut Transportation Institute</b>			<b>10 Proposals</b>	<b>\$2,606,245</b>
Ivan, John N	DOT/Department of Transportation/University of North Carolina, Charlotte	Estimation of Local Road AADT Using Demographic, Land Development and Geospatial Data	07/12/2018	59,999
Mahoney, James M	CT Department of Transportation	Engineering Services for the Pavement Management Unit's Activities and Research	07/06/2018	158,686
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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Mahoney, James M	CT Department of Transportation	Network Level Analysis for CTDOT's Pavement Management Unit Activities and Research	09/10/2018	61,397
Mahoney, James M	CT Department of Transportation	Pilot Project for the Collection of Traffic Speed Deflectometer Data	07/13/2018	160,924
Mahoney, James M	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Network Level Analysis for CTDOT's Pavement Management Unit Activities and Research	09/10/2018	245,586
Shea, Donna	CT Department of Transportation	CT Rural Road Town Work Zone Safety Packages	09/18/2018	43,200
Shea, Donna	CT Department of Transportation	CT Safety Circuit Rider Program	09/18/2018	132,897
Shea, Donna	DOT/Department of Transportation/CT Department of Transportation	CT Local Technical Assistance Program (LTAP) CT Rural Road Town Work Zone Safety Packages	09/18/2018	388,800
Shea, Donna	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	CT Safety Circuit Rider Program	09/18/2018	1,196,070
		CT Local Technical Assistance Program (LTAP)		
<b>Electrical and Computer Engineering</b>			<b>6 Proposals</b>	<b>\$1,850,449</b>
Chandy, John A	ED/Department of Education	Graduate Assistants in Areas of National Need: Computer Systems Security	08/29/2018	746,250
Javidi, Bahram	Hamamatsu Photonics K.K.	Photon Counting Passive Three-Dimensional Imaging and Recognition with Hamamatsu EM CCD and sCMOS Cameras: Field Applications (Second Year)	08/31/2018	50,000
Silva, Helena	DOD/Air Force/Air Force Office of Scientific Research	Chemical Vapor Deposition and Growth Systems for Semiconductor and Dielectric Thin Films	07/06/2018	917,800
Willett, Peter K	DHS/Department of Homeland Security/Stevens Institute of Technology	Long Term Prediction for Detection of Illegal Activity at Sea	07/13/2018	30,023
Yan, Bing	ISO New England	A Systematic Approach to Tighten Unit Commitment Formulations.	08/15/2018	66,376
Yan, Bing	Midcontinent Independent System Operator (MISO)	Unit Commitment with SAVLR and Enhanced Formulation	09/20/2018	40,000
<b>Engineering Dean</b>			<b>1 Proposals</b>	<b>\$49,880</b>
Hertel, Shareen	NSF/National Science Foundation	Engineering for Human Rights: An Ethical Framework for Research, Teaching, and Professional Action	08/03/2018	49,880
<b>Eversource Energy Center</b>			<b>7 Proposals</b>	<b>\$8,778,364</b>
Anagnostou, Emmanouil N	Avangrid Management Company	Meteorological Services and Damage/Outage Prediction Modeling Technical Specifications	07/30/2018	2,594,120
Astitha, Marina	DOD/Army/Department of the Army	Probabilistic Prediction of Extreme Storms Using Analog Ensemble Techniques	08/31/2018	33,999
Astitha, Marina	NSF/National Science Foundation	REU Site: Interdisciplinary Traineeship on Power Grid Resilience to Severe Storms in a Changing Environment	08/22/2018	356,005
Parent, Jason R	Eversource	Physical Security: Detection of UAVs (Phase II)	07/06/2018	211,180
Shen, Xinyi	Travelers	Sewer Backup Risk Score	09/06/2018	42,554
Wang, Guiling	NSF/National Science Foundation	INFEWS/T1: A Scalable Approach for Targeting Irrigation Development to Improve Ethiopian Economic, Food, Energy, and Water Outcomes	09/26/2018	2,499,976
Zhang, Peng	DOE/Department of Energy	Cybersecurity for Attack-Resilient Electric and Gas Networks	07/02/2018	3,040,530
<b>Mechanical Engineering</b>			<b>16 Proposals</b>	<b>\$8,242,862</b>
Cetegen, Baki	NSF/ENG/Directorate for Engineering	Experimental Study of Bluff-body Stabilized Highly Turbulent Premixed Flames using Pre-vaporized Liquid Fuels	07/05/2018	346,536

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Chen, Xu	DOD/Navy/Office of Naval Research	From Asynchrony to Agility: Fast Situational Awareness under Decentralized and Constrained Feedback	08/31/2018	377,062
Chen, Xu	Unilever	Closed-Loop Quality-Assured Sustainable Mass Customization	09/20/2018	50,000
Chen, Xu	Unilever	Quality Remake: Toward a Quality-assured Sustainable Additive Manufacturing of PA12 Materials	09/13/2018	50,000
Cooper, Ryan C	NSF/National Science Foundation	REU Site: Engineering in Extreme Environments (EX-REU)	08/22/2018	382,895
Faghri, Amir	DOE/Office of Energy Efficiency and Renewable Energy	Integrated Multiphase Loop Heat Pipe Thermal Transport and Thermal Storage System for High Temperature CSP	07/05/2018	931,882
Li, Ying	NSF/National Science Foundation	CAREER: Cyber-Enabled Designs of Lipid-Like Theranostic Nanoparticles with Tunable Size and Shape	07/19/2018	500,000
Lykotrafitis, George	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Hierarchical assessment of intervertebral disc degeneration and treatment	09/26/2018	560,601
Nguyen, Thanh D	DHHS/NIH/National Institutes of Health	Biodegradable intracranial pressure sensor based solely on medical biomaterials	07/03/2018	1,102,234
Nguyen, Thanh D	DOD/Army/Army Medical Research Acquisition Activity	Biodegradable Piezoelectric Nanofiber Scaffold for Bone Regeneration	09/13/2018	1,280,744
Nguyen, Thanh D	DOD/Army/Army Medical Research Acquisition Activity	Transdermal Curcumin-Neopeptide Microneedles for Cancer ImmunoTherapy	09/20/2018	520,792
Nguyen, Thanh D	NSF/National Science Foundation	CAREER: Biodegradable Piezoelectric Scaffold for Bone Regeneration	07/17/2018	500,001
Nguyen, Thanh D	NSF/National Science Foundation	Ultrasonic 3D manufacturing of biopolymers	08/16/2018	300,672
Pierce, David M	DOD/Department of Defense/University of Connecticut Health Center	Articular Cartilage Regeneration via Resident Chondroprogenitor: mechanisms and utility for healing articular cartilage defects in Post-Traumatic Osteoarthritis	09/11/2018	195,443
Tasoglu, Savas	DHHS/NIH/National Institutes of Health	Automated Toilet-based urine analysis for daily health monitoring	07/16/2018	644,000
Tasoglu, Savas	NSF/National Science Foundation	CAREER: A Combined Experimental And Computational Approach: Resolving the Complex Fluid Dynamics of Droplet-based Bioprinting	07/19/2018	500,000
<b>UTC Institute for Advanced Systems Engineering</b>			<b>3 Proposals</b>	<b>\$1,584,291</b>
Dani, Ashwin	NSF/National Science Foundation	CAREER: Incorporating Physics and Material Properties in Data-drive Model Estimation of Compliant Bodies by Efficient and Safe Manipulation using Robots	07/19/2018	500,000
Stuber, Matthew D	DOD/Navy/Office of Naval Research	Flexibility Analysis for Robust Decision-Making in Nonlinear Systems	08/30/2018	584,291
Stuber, Matthew D	NSF/National Science Foundation	CAREER: Flexibility Analysis for Robust Decision-Making in Nonlinear Systems	07/19/2018	500,000
<b>School of Fine Arts</b>			<b>3 Proposals</b>	<b>\$1,426,335</b>
<b>School of Fine Arts</b>			<b>3 Proposals</b>	<b>\$1,426,335</b>
Scheinfeldt, Joseph T	ED/Institute of Education Sciences	Charles VR: Understanding and promoting student-centered learning and literacy in virtual reality environments	08/23/2018	1,151,411
Scheinfeldt, Joseph T	Institute of Museum and Library Services	Tube: An Application for the Retrieval and Delivery of Remote Archival Documents	09/17/2018	249,465
Scheinfeldt, Joseph T	Kress (Samuel H.) Foundation	Charles VR: Virtual Reality and Educational Publishing in Art History	09/28/2018	25,459
<b>School of Law</b>			<b>1 Proposals</b>	<b>\$100,000</b>
<b>School of Law</b>			<b>1 Proposals</b>	<b>\$100,000</b>
Perkins, Lisa E	DOTR/Internal Revenue Service	Low Income Tax Payer Clinic	07/05/2018	100,000
<b>School of Nursing</b>			<b>5 Proposals</b>	<b>\$497,362</b>



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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>School of Nursing</b>			<b>5 Proposals</b>	<b>\$497,362</b>
Cong, Xiaomei	DHHS/NIH/National Institutes of Health	Predicting Neurodevelopmental Outcomes in Premature Infants with Multi-omic Measures (PRENOP)	08/08/2018	189,474
Jakubisin Konicki, Annette	CVS Health Foundation	CVS Health Foundation Scholarship Program 2019	09/24/2018	5,000
Starkweather, Angela	DHHS/NIH/National Institutes of Health/University of Florida	Further Elucidating the Omic Signature of PN Symptoms in Breast Cancer	07/18/2018	73,571
Young, Erin	DHHS/NIH/National Institutes of Health/University of Wisconsin, Madison	Biopsychosocial Factors, Cumulative Stress and Health Outcomes in Adolescents with a Chronic Health Condition	09/24/2018	154,269
Young, Erin	Inova Health Systems	Genetic Relationship with Acute Surgical (GRASP) in Minimally Invasive Surgical Patients	08/31/2018	75,048
<b>School of Pharmacy</b>			<b>16 Proposals</b>	<b>\$9,571,718</b>
<b>Pharmaceutical Sciences</b>			<b>15 Proposals</b>	<b>\$9,474,166</b>
Bahal, Raman	DHHS/NIH/National Institutes of Health/Beth Israel Deaconess Medical Center	Targeting microRNAs to the tumor microenvironment with pHLIP conjugated next generation chemically modified PNAs	09/24/2018	1,005,423
Bahal, Raman	DHHS/NIH/National Institutes of Health/University of Iowa	Intestinal Microbes, Beta-Cells miR-204, and Type 2 Diabetes	09/21/2018	239,845
Bahal, Raman	McDonough (Andrew) B+ Foundation	Next Generation Targeting of Multiple OncomiRs for Lymphoma Therapy	09/12/2018	150,000
Bahal, Raman	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Emerging Excipients for Encapsulating Anti-miRNA Oligonucleotides for Gene Therapy	08/31/2018	100,000
Donepudi, Ajay Chowdary	DHHS/NIH/National Institutes of Health	Molecular determinants of Mrp4-mediated cAMP transport and their effects on adipogenesis	08/06/2018	442,750
Kendall, Debra A	/DHHS/NIH/National Institute on Drug Abuse	CB1 Allosteric Modulators: Molecular, Cellular and In Vivo Pharmacology	07/30/2018	181,875
Lu, Xiuling	DHHS/NIH/National Institute on Drug Abuse/Virginia Commonwealth University	Novel LAAM Formulations to Treat Opioid Use Disorder	09/13/2018	548,284
Lu, Xiuling	DHHS/NIH/National Institutes of Health/NAMI Therapeutics Corp	Nanoparticle-Based Intraperitoneal Delivery of Combined Chemo-Brachytherapy for Treatment of Ovarian Cancer Metastases	08/14/2018	135,643
Vinogradova, Olga	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Treponema denticola MOSP: bipartite outer membrane protein and stable periplasmic conformer	09/20/2018	1,126,025
Wiemer, Andrew	DHHS/NIH/National Cancer Institute	Regulation of gamma delta T cell immunoediting by novel phosphoantigens	07/03/2018	2,265,376
Wright, Dennis	DHHS/NIH/National Institute of General Medical Sciences/Duke University	Computational Structure-based Protein Design	09/27/2018	19,945
Wright, Dennis	DHHS/NIH/National Institutes of Health/Quercus Molecular Design	Multi-Targeting Antifolates for Hematological Malignancies	08/27/2018	100,000
Wright, Dennis	DHHS/NIH/National Institutes of Health/Quercus Molecular Design	Towards Broad Spectrum Antifungal Agents	08/27/2018	100,000
Wright, Dennis	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Genetics of HSV DNA Replication	08/08/2018	1,046,500
Zhong, Xiaobo	DHHS/NIH/National Institutes of Health	Impact of lncRNAs HNF1a-AS1 and HNF4a-AS1 on Drug Metabolism and Drug-Induced Toxicity	09/28/2018	2,012,500
<b>Pharmacy Practice</b>			<b>1 Proposals</b>	<b>\$97,552</b>
White, Charles M	DHHS/AHRQ/Agency for Healthcare Research and Quality	Impact of Systematic Review Quality Measure Indexing on Health-System Efficiency and Value	09/26/2018	97,552

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
<b>School of Social Work</b>			<b>7 Proposals</b>	<b>\$1,496,434</b>
<b>School of Social Work</b>			<b>7 Proposals</b>	<b>\$1,496,434</b>
Lloyd, Margaret H	DHHS/SAMHSA/Center for Substance Abuse Treatment/Oklahoma Department of Mental Health and Substance Abuse Services	Okmulgee County Family Drug Court Enhancement Grant	09/27/2018	16,250
Lloyd, Margaret H	Oklahoma Department of Mental Health and Substance Abuse Services	CAPE Grant	08/07/2018	474,999
Medina, Catherine	DHHS/HRSA/Health Resources and Services Administration	FY 2018 BHWET Competitive Supplement	07/06/2018	400,000
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	DMHAS Research Development Initiative 2018-19	07/18/2018	100,000
Rodis, Eleni T	CT Department of Mental Health and Addiction Services	Evaluation of ASIST	08/06/2018	22,376
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	CT DMHAS SOR Evaluation	08/08/2018	440,000
Wilson, Cristina	ED/Department of Education/University of Connecticut Health Center	Personnel Development to Improve Service and Results with Children with Disabilities	08/03/2018	42,809
<b>Academic and Service Programs</b>			<b>2 Proposals</b>	<b>\$382,415</b>
<b>Global Affairs</b>			<b>1 Proposals</b>	<b>\$60,663</b>
Saunders-Kanabay, LuAnn I	Department of Education, Science & Training	Fulbright-Hayes Doctoral Dissertation Research Abroad Fellowship Program	07/03/2018	60,663
<b>Undergraduate Education</b>			<b>1 Proposals</b>	<b>\$321,752</b>
Ranjeet, Bidya	ED/Office of Postsecondary Education	Student Support Services Program	09/06/2018	321,752
<b>Vice President for Research</b>			<b>47 Proposals</b>	<b>\$31,184,483</b>
<b>Center for Environmental Sciences and Engineering</b>			<b>8 Proposals</b>	<b>\$4,727,001</b>
Lawrence, Beth A	Illinois Tollway	Remediating Runoff and Creating Renewable Energy by Harvesting Invasive Plants from Illinois Tollway Detention Basins	09/20/2018	298,000
Perkins, Christopher R	CT Department of Energy and Environmental Protection	Analytical Support to the Connecticut Department of Energy & Environmental Protection for the Long Island Sound Study and Ambient Water Quality Surveys	08/13/2018	281,250
Perkins, Christopher R	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	Analytical Support to the Connecticut Department of Energy & Environmental Protection for the Long Island Sound Study and Ambient Water Quality Surveys	08/13/2018	281,250
Provas, Anthony	Keck (W. M.) Foundation/University of Connecticut Health Center	A Novel and Blood-Based Approach for Characterizing the Microbiome in Health and Disease	09/20/2018	106,530
Swallow, Stephen K	USDA/National Institute of Food and Agriculture	Wind Energy Driving Rural Change: Economic Diversification, Land Value, Agriculture, and Natural Resource-based Tourism	09/13/2018	500,001
Vadas, Timothy M	ED/Department of Education	Addressing Aging Infrastructure: From Components to Networks	08/29/2018	746,250
Willig, Michael R	Town of Greenwich, CT	Microplastics and Associated Contaminants in Greenwich Embayments of Long Island Sound	07/31/2018	14,000
Zhang, Chuanrong	NSF/National Science Foundation	INFEWS/T2: Towards a Resilient and Sustainable Food, Bioenergy, Water, and Biodiversity (FEWB) System in Northeastern United States	09/26/2018	2,499,720
<b>Institute for Collaboration on Health, Intervention and Policy</b>			<b>26 Proposals</b>	<b>\$20,649,192</b>

## Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Andreyeva, Tatiana	Johnson (Robert Wood) Foundation	The Impact of the Community Eligibility Provision: A National Quasi-Experimental Evaluation	09/26/2018	150,679
Andreyeva, Tatiana	USDA/Economic Research Service/Tufts University	The Tufts/University of Connecticut Research and Development Grants in Economics Center (Tufts/UConn RIDGE Center)	08/16/2018	44,695
Andreyeva, Tatiana	USDA/Food and Nutrition Service/Tufts University	Understanding Food Related Hardship among Older Americans	07/20/2018	67,088
Butler, Lisa M	DHHS/NIH/National Cancer Institute/University of California, San Francisco	Promoting Early Diagnosis of Kaposi's Sarcoma in Uganda	08/30/2018	24,499
Butler, Lisa M	DHHS/NIH/National Institutes of Health/Boston College	Feasibility and Acceptability of mHealth Intervention for Community Health Workers to Prevent Familial Violence and Intergenerational Transmission of Emotional and Behavioral Problems in Sierra Leone	08/28/2018	24,530
Chafouleas, Sandra M	ED/Institute of Education Sciences/University of Kansas	Enhancing Ci3T: Building Professional Capacity for High Fidelity Implementation to Support Students' Educational Outcomes (project ENHANCE)	07/27/2018	572,850
Cooksey, Kristen E	Grant (William T.) Foundation	Black and Latino Youth's Perceptions of An Urban Food Swamp Environment: Exploring Issues of Equity & Policy Opportunities	08/01/2018	50,000
Copenhaver, Michael M	DHHS/NIH/National Institute on Drug Abuse	HIV Prevention and Adherence Among Priority Drug Using Populations	09/07/2018	860,500
Cruess, Dean G	DHHS/NIH/National Institute of Mental Health/DHHS/NIH/National Institutes of Health	Mobile-delivered behavioral treatment as prevention intervention for black men who have sex with men living with HIV	08/29/2018	4,019,312
Duffy, Valerie B	USDA/Food and Nutrition Service/CT Department of Social Services	School and Family-Based SNAP-Ed	07/03/2018	901,466
Gans-DeLuca, Kim M	Johnson (Robert Wood) Foundation	Have the New CACFP Guidelines had an Impact on the Foods Served and the Dietary Quality of Children's Food Intake in Family Child Care Homes?	09/26/2018	199,190
Hernandez, Dominica B	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Stigma Mechanisms of Disparities for HIV-Metabolic Comorbidities among African Americans	09/05/2018	1,992,991
Johnson, Blair T	DHHS/NIH/National Institutes of Health	Mind-Body Interventions for Substance Use Disorders: Modeling Intervention Mechanisms via Meta-Analysis	07/16/2018	442,750
Kalichman, Seth C	DHHS/NIH/National Institutes of Health	Comparative Effectiveness Research on HIV-Alcohol Interventions in South Africa	09/06/2018	3,537,626
Kalichman, Seth C	DHHS/NIH/National Institutes of Health	Intervention to Improve HIV Care Retention and Antiretroviral Adherence in Stigmatized Environments	09/05/2018	3,557,351
Mancini, Sally A	USDA/Agricultural Research Service/Vermont Law School	Foodworks: Pioneering State and Local Food Policies	08/23/2018	9,100
McCaffery, Jeanne	DHHS/NIH/National Institutes of Health	Sleep and Circadian Rhythm in Adolescent Food Choices: The role of salivary amylase	07/02/2018	758,336
Park, Crystal	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Miriam Hospital	Yoga Designed to Accommodate Larger Bodies, Increase Physical Activity, and Enhance Physical and Psychological Well-being Among Post-Bariatric Surgery Patients: A Feasibility Study	07/23/2018	89,949
Park, Crystal	DHHS/NIH/National Institutes of Health/Connecticut Children's Medical Center	RCT of Yoga to Improve Symptom Control and Quality of Life in Pediatric Cancer Patients in Active Treatment	09/28/2018	817,811
Park, Crystal	DHHS/NIH/National Institutes of Health/Hospital for Sick Children (SickKids)	A Randomized Controlled Trial of Individualized Yoga to Reduce Fatigue in Hospitalized Children Receiving Intensive Chemotherapy	09/28/2018	114,846
Schwartz, Marlene B	Feeding America	Promoting Foods to Encourage in Feeding America Food Banks	07/06/2018	99,903
Schwartz, Marlene B	Johnson (Robert Wood) Foundation	Community Hubs for Health and Civic Engagement: The Untapped Potential of the Charitable Food Banking Network	09/07/2018	499,629

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Schwartz, Marlene B	Johnson (Robert Wood) Foundation/University of Illinois at Chicago	Addressing Health Equity in Schools Through State and District Policies and Practices Regarding Food Insecurity: A Mixed Methods Study	09/20/2018	36,911
Watson, Ryan J	DHHS/NIH/National Institute on Drug Abuse	LGBTQ Youth Substance Use: Subgroup Differences, Risk, and Protective Factors	07/12/2018	182,051
Watson, Ryan J	DHHS/NIH/National Institutes of Health	PrEP and Substance Use Among Sexual Minority Young Adults	09/06/2018	984,267
Watson, Ryan J	DHHS/NIH/National Institutes of Health/University of Minnesota	LGBTQ Adolescent Health at the Intersection of Identities	09/13/2018	610,862
<b>Institute of Materials Science</b>			<b>13 Proposals</b>	<b>\$5,808,290</b>
Burke, Kelly A	ED/Department of Education	GAANN - Bioinspired and Bioderived Materials for Integrating Soft Matter and Polymer Research with Education	08/29/2018	746,250
Burke, Kelly A	Johnson & Johnson	Modulating Extracellular Matrix using Programmable Geis to Model Disease Progression	09/24/2018	150,000
Burke, Kelly A	NSF/National Science Foundation	CAREER: Liquid Crystallinity as a Tool to Probe Cell and Protein Behavior in Gel Biomaterials	07/20/2018	500,000
Frame, Lesley	Johnson & Johnson	Improving Resource Usage through Manufacturing Process Design and Materials Science and Engineering	09/24/2018	150,000
Gao, Puxian	DOE/Office of Energy Efficiency and Renewable Energy	Multifunctional Nano-array Structured Membranes for VOC and PM Removal, In-situ Monitoring, and Anti-bacterial Applications	08/23/2018	999,999
Gao, Puxian	NSF/National Science Foundation/3D Array Technology	Ultralow PGM Loading Nano-Array Based Low Temperature Diesel Oxidation Catalysts	07/06/2018	112,500
Jankovic, Jasna	Johnson & Johnson	Nature Inspired 3D Designs for Clean Energy Systems	09/24/2018	150,000
Lee, Seok Woo	DOD/Navy/Department of the Navy	In-Situ Investigation on Mechanical Behaviors of Nanocrystalline Spinel Used for Transparent Armors	08/31/2018	453,893
Nguyen, Thanh D	Advanced Regenerative Manufacturing Institute (ARMI)	Bionic Force-Sensing Cartilage	09/26/2018	570,125
Nieh, Mu-Ping	NSF/National Science Foundation	REU Site: Interdisciplinary Soft matter & Polymer for Industry, Research & Education (INSPIRE)	08/21/2018	344,909
Sun, Luyi	USDA/National Institute of Food and Agriculture	Multi-Functional Nanocoatings Enabled Smart Food Packaging	08/09/2018	499,000
Wei, Mei	DHHS/NIH/National Institutes of Health/OrteoPoniX	Development of an Osteoconductive and Osteoinductive Bone Graft Substitute for Bone Defect Repair and Regeneration	07/31/2018	98,699
Wei, Mei	DHHS/NIH/National Institutes of Health/University of Connecticut Health Center	Regeneration of the Osteochondral Tissue of the Mandibular Condylar Cartilage via Novel Multi-Zonal Scaffold and Growth Factors	08/28/2018	1,032,915
<b>University of Connecticut - Storrs &amp; Regional</b>			<b>374 Proposals</b>	<b>\$191,173,722</b>
<b>School of Dental Medicine</b>			<b>14 Proposals</b>	<b>\$6,101,198</b>
<b>Dental Medicine Dean</b>			<b>4 Proposals</b>	<b>\$1,141,484</b>
Cauble, Meagan A	DHHS/NIH/National Institutes of Health	Determination of hierarchical degeneration and treatment in injury and congenital mouse models	08/08/2018	185,556
Gupta, Kshitiz	DHHS/NIH/National Institutes of Health	Developing a Technology Platform to Estimate Cancer-Stroma Intercellular Signaling Dynamics	09/28/2018	601,488
Kuhn, Liisa T	Osteo Science Foundation	Quantifying cellular senescence and aging effects on alveolar bone healing	09/30/2018	140,910
Kuhn, Liisa T	University of Nottingham	Immune Instructive Materials-for in situ immune modulation and macrophage phenotype control.	08/14/2018	213,530
<b>Oral Health and Diagnostic Sciences</b>			<b>5 Proposals</b>	<b>\$3,450,163</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Aseltine, Robert H	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of the Healthcare Advocate	State Innovation Model Quality Scorecard	08/21/2018	119,462
Dongari-Bagtzoglou, Anna I	DHHS/NIH/National Institute of Dental and Craniofacial Research	Oral Epithelial Cells, Candida and PMN Activation	07/05/2018	3,150,253
Lalla, Rajesh V	DHHS/NIH/National Institutes of Health/Carolinas Medical Center	Identification of Oral Microbiome and Proteome Signatures as Key Factors in the Development of Post-Radiation Caries in Head and Neck Cancer Patients	09/20/2018	74,495
Mina, Mina	DHHS/HRSA/Health Resources and Services Administration	Postdoctoral Training in General, Pediatric and Public Health Dentistry and Dental Hygiene	08/21/2018	65,000
Nichols, Frank C	DHHS/NIH/National Institutes of Health/Nova Southeastern University	Ceramide-mediated pathology in periodontitis	07/10/2018	40,953
<b>Reconstructive Sciences</b>			<b>5 Proposals</b>	<b>\$1,509,551</b>
Dealy, Caroline N	DHHS/NIH/National Institutes of Health/DeMay Bio	A Mechanistically-novel First-in-class Rheumatoid Arthritis Therapeutic.	09/04/2018	90,000
Dealy, Caroline N	DOD/Department of Defense	Articular Cartilage Regeneration by Native Chondroprogenitors for PT-OA Prevention	09/20/2018	1,105,109
Uribe, Flavio A	Columbia University	Potential Price of Orthodontics	09/27/2018	232,007
Wee, Natalie Kah Yun	American Society for Bone and Mineral Research	NEUROPEPTIDE Y FROM MONOCYTES/MACROPHAGES ALTERS SKELETAL HOMEOSTASIS	07/10/2018	7,435
Yadav, Sumit	Oral and Maxillofacial Surgery Foundation	PTH Action on the cells of chondrogenic lineage and its role in cartilage repair	07/12/2018	75,000
<b>School of Medicine</b>			<b>129 Proposals</b>	<b>\$94,578,940</b>
<b>Academic Affairs and Education</b>			<b>8 Proposals</b>	<b>\$1,328,620</b>
Hensel, Jessica A	American Heart Association	Alternative Splicing in Endothelial Regulation of NFkB Signaling	07/11/2018	53,688
Keilich, Spencer R	DHHS/NIH/National Institutes of Health	Influenza-induced muscle degradation: mechanisms of flu-induced disability with aging	08/07/2018	91,841
Kwon, Grace J	DHHS/NIH/National Institutes of Health	Investigating the function of a highly expressed lncRNA in airway epithelium	08/07/2018	202,662
Ladha, FERIA	American Heart Association	Investigating Cardiac Mechanotransduction Utilizing BNP Reporter Assay	07/10/2018	53,688
Ladha, FERIA	DHHS/NIH/National Institutes of Health	Investigating Cardiac Mechanotransduction Utilizing B-Type Natriuretic Peptide (BNP)	07/30/2018	308,976
Larson, Peter J	DHHS/NIH/National Institutes of Health	Skin Microbiome Modulation of Staphylococcus aureus Susceptibility in Older Adults	08/08/2018	255,101
Pettinato, Anthony M	American Heart Association	Functional Analysis of Human Cardiac Troponin T Mutations	07/10/2018	53,688
Pettinato, Anthony M	DHHS/NIH/National Institutes of Health	Functional Analysis of Human Cardiac Troponin T Variants	07/31/2018	308,976
<b>Calhoun Cardiology Center - CCC</b>			<b>1 Proposals</b>	<b>\$3,839,818</b>
Rash, Carla J	DHHS/NIH/National Institute on Drug Abuse	Targeting Smoking Cessation Medication Adherence Among Homeless Smokers	08/08/2018	3,839,818
<b>Cell Analysis Modeling - CCAM</b>			<b>4 Proposals</b>	<b>\$3,026,781</b>
Blinov, Mikhail	DHHS/NIH/National Institutes of Health	Reusable building blocks (ModelBricks) for construction and automated annotation of computational models in biological systems	08/15/2018	1,639,060
Loew, Leslie M	DHHS/NIH/National Institutes of Health/Johns Hopkins University	Nerve-Sparing Robot-Assisted Radical Prostatectomy Using Neuromodulation-Based Nerve Localization for Preventing Post-Operative Erectile Dysfunction	07/16/2018	71,481

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Loew, Leslie M	DHHS/NIH/National Institutes of Health/Johns Hopkins University	Photoacoustic/Fluorescence Multi-Scale-Modality Tomographic System for In-Vivo Real-Time Transcranial Imaging of Neuronal Activity.	07/31/2018	1,157,264
Moraru, Ion I	DHHS/NIH/National Institutes of Health/University of Washington	Center for Reproducible Systems for Biomedical Imaging	07/19/2018	158,976
<b>Cell Biology</b>			<b>2 Proposals</b>	<b>\$599,998</b>
Smilowitz, Henry	DOD/Department of Defense/Nanoprobes	Treating Brain Tumors with Iodine Nanoparticle Radiotherapy (INRT)	09/25/2018	499,998
Smilowitz, Henry	Owens (William and Ella) Medical Research Foundation	Iodine Nanoparticle-Enhanced Radiation Therapy	09/05/2018	100,000
<b>Center for Public Health</b>			<b>1 Proposals</b>	<b>\$20,000</b>
Clark-Dufner, Petra C	DOD/Army/Department of the Army/National Science Teachers Association	Junior Science and Humanities Symposium	08/30/2018	20,000
<b>Center for Quantitative Medicine</b>			<b>5 Proposals</b>	<b>\$5,381,066</b>
Laubenbacher, Reinhard C	DHHS/NIH/National Institutes of Health	Modular design of multiscale models, with an application to the innate immune response to fungal respiratory pathogens	07/24/2018	182,980
Laubenbacher, Reinhard C	DOD/Department of Defense	A Multiscale Modeling Approach to Ischemia-Reperfusion Injury	09/17/2018	682,704
Mendes, Pedro J	DHHS/NIH/National Institutes of Health	Understanding and Predicting Iron Physiology at Multiple Scales -from Cells to Individuals	09/28/2018	3,455,274
Vera-Licona, Martha Paola	Connecticut Children's Medical Center	Consultation and Bioinformatics Services	07/10/2018	14,066
Wang, Xiaoyan	Patient-Centered Outcomes Research Institute (PCORI)	Towards Comprehensive Syntactic and Semantic Parsing of Clinical Narratives via Deep Learning Method	09/25/2018	1,046,042
<b>Center for Vascular Biology</b>			<b>6 Proposals</b>	<b>\$7,773,212</b>
Murphy, Patrick A	DHHS/NIH/National Institutes of Health	Unbiased Identification of Novel Endothelial Regulations of Inflammation	09/10/2018	1,500,000
Rodriguez-Oquendo, Annabelle	DHHS/NIH/National Institutes of Health/Brigham and Women's Hospital	Cardiovascular Risks of Cancer Immunotherapy	09/05/2018	429,525
Shapiro, Linda H	American Diabetes Association	Dissecting the Contributions of CD13/APN to Type 2 Diabetes.	07/05/2018	1,625,000
Shapiro, Linda H	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Biomarkers and Treatments of Renal Injury in Newborns with Congenital Urinary Anomalies	07/03/2018	2,461,923
Shapiro, Linda H	DOD/Department of Defense	A Multi-scale Modeling Approach to Ischemia-Reperfusion Injury.	09/20/2018	1,645,675
Shaw, William S	DOL/Department of Labor/Mathematica Policy Research	Opioid Epidemic and Workers' Compensation	08/21/2018	111,089
<b>Clinical And Translational Science Institute (CTSI)</b>			<b>1 Proposals</b>	<b>\$7,177</b>
Kuo, Chia-ling	CIGNA Foundation/Connecticut Children's Medical Center	Creating an Asthma Network: Improving Asthma Management for Children in the North Hartford Promise Zone	07/24/2018	7,177
<b>Community Medicine and Health Care</b>			<b>11 Proposals</b>	<b>\$4,366,789</b>
Babor, Thomas F	DHHS/NIH/National Institute on Drug Abuse	International Research Education Program in Addiction Science	07/20/2018	1,883,513
Babor, Thomas F	World Health Organization	Mapping Study of the Involvement of the Alcohol Industry in Road Safety Policies and Programmes	07/30/2018	10,000
Bruder, Mary E	DHHS/ACL/Administration for Community Living	University Centers of Excellence in Developmental Disabilities Diversity Fellowships	08/06/2018	50,000
Bruder, Mary E	ED/Department of Education	Expansion of Early Childhood Associate Degree Programs in CT Community Colleges...	08/13/2018	749,917

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Bruder, Mary E	ED/Office of Special Education and Rehabilitative Services	Interdisciplinary Preparation in Special Education, Early Intervention, and Related Services for Personnel Serving Children with Disabilities who have High-Intensity Needs	07/30/2018	1,100,000
Bruder, Mary E	WITH Foundation	Education of Community Health Centers about the Health Care Need of People with IDD	08/16/2018	50,000
Gelbar, Nicholas	DHHS/ACL/Administration for Community Living/CT Council on Developmental Disabilities	University of Connecticut, University Center for Excellence in Developmental Disabilities and Connecticut Council on Developmental Disabilities MOU	07/09/2018	8,322
Ha, Toan H	DHHS/NIH/National Institute of Mental Health	HIV risk among young women workers in the industrial zone in Vietnam	09/07/2018	396,260
Schensul, Stephen L	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Alcohol and ART Adherence: Assessment, Intervention and Modeling in India	05/22/2018	54,952
Schensul, Stephen L	DHHS/NIH/National Institutes of Health/University of Connecticut	Identifying Contributing Factors to the Progression of Chronic Kidney Disease of Unknown Etiology in Sri Lanka. Award No. PA # 136019/Prime R21TWO010425-01	08/22/2018	1,625
Ungemack, Jane A	Trinity Health/Saint Francis Hospital and Medical Center	UConn Evaluation of Well Being 360-Transforming Communities Initiative	09/28/2018	62,200
<b>Genetics and Genomics</b>			<b>7 Proposals</b>	<b>\$3,940,973</b>
Ahmed, Zeeshan	DHHS/NIH/National Institutes of Health	PROMIS-MED: Precise and Reproducible OMICS-Data Management and Integrative System for Precision Medicine	09/10/2018	2,440,800
Chamberlain, Stormy J	Levo Therapeutics	ZNF274 depletion as a therapeutic approach for Prader-Willi Syndrome	08/30/2018	699,886
Chung, Michael S	DHHS/NIH/National Institutes of Health	Evaluating ZNF274 as a therapeutic target for Prader-Willi Syndrome	08/07/2018	202,662
Lavigne, Sharon A	DHHS/HRSA/Health Resources and Services Administration/Organization of Teratology Information Services	Reproductive and Environmental Health Network	09/10/2018	70,000
Lavigne, Sharon A	University of California, San Diego	Asthma Medications in Pregnancy Project. Parent Log # 20140731 under Dr. Rosengren	09/10/2018	5,000
Pinter, Stefan F	DHHS/NIH/National Institutes of Health	Contributions of sex chromosomal gene homologues in X monosomy	07/23/2018	195,000
Rogina, Blanka	DHHS/NIH/National Institutes of Health	The role of epigenetics in Alzheimer's disease	07/03/2018	327,625
<b>Immunology</b>			<b>8 Proposals</b>	<b>\$4,601,787</b>
Brocke, Stefan	National Multiple Sclerosis Society	Targeting the PDE8-Raf-1Kinase Complex to Treat CNS Inflammation	08/01/2018	675,000
Clark, Robert B	National Multiple Sclerosis Society	TLR Tolerance in Multiple Sclerosis	07/11/2018	675,000
Vella, Anthony T	DHHS/NIH/National Institute of Allergy and Infectious Diseases/Jackson Laboratory	Microbiome-Immune System Interaction in Collaborative Cross Mice	08/30/2018	248,218
Vella, Anthony T	DHHS/NIH/National Institutes of Health/CaroGen	Augmenting T-Cell Responses of VLV-Based HBV Vaccines with Co-Stimulatory Molecules	08/15/2018	106,275
Wang, Kepeng	Crohn's and Colitis Foundation of America	IL-17 Signaling on CD4+ T Lymphocytes in Intestinal Autoimmune Inflammation	08/07/2018	347,490
Wang, Penghua	American Association of Immunologists	Early Life Dynamics of Intestinal Microbiome Shape Intestinal Cell-Intrinsic Antiviral Immunity	09/05/2018	48,804
Wang, Penghua	DHHS/NIH/National Institutes of Health	A Critical Role of STING Signaling in Controlling Viral Arthritis	09/20/2018	451,000
Zhou, Beiyuan	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	MiR-150 Regulated Adipose Tissue B Cells in Obesity	09/28/2018	2,050,000
<b>Medicine</b>			<b>13 Proposals</b>	<b>\$9,709,901</b>

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Ferris, Ann M	CT Department of Social Services	Supplemental Nutrition Assistance Program-Education	08/13/2018	2,859,942
Gould, Bruce E	DHHS/HRSA/Health Resources and Services Administration/Massachusetts League of Community Health Centers	Connecticut River Valley Farmworker Health Program	07/17/2018	28,850
Luthra, Pooja	DAISY Foundation/University of Connecticut	Diabetes Self-Management, Psychosocial-Behavioral Factors and Health Outcomes in Individuals with LADA: A Pilot Study	08/29/2018	2,900
Mead, Erin L	DHHS/NIH/National Institutes of Health	Impact of Cigar Flavor on Tobacco Use Behaviors and Addition in Dual Users	07/18/2018	1,014,045
Moore, George W	CT Department of Labor	CT DOL Occupational Health Clinics FY19	07/12/2018	309,217
Prabhakar, Kavita	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	HIV/Hep C Co-Infection Project	09/27/2018	88,650
Radolf, Justin D	Connecticut Children's Medical Center	Senior Scientific Advisor	09/18/2018	141,673
Radolf, Justin D	DHHS/NIH/National Institutes of Health	Treponema Denticola MOSP: bipartite outer membrane protein and stable periplasmic conformer	09/25/2018	2,806,298
Wakai, Sarakei T	CT Department of Mental Health and Addiction Services/Forensic Services/CT Department of Public Health	CT Violent Death Reporting System Analyses.	09/07/2018	30,771
Wakai, Sarakei T	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	State Public Health Actions (SHAPE)	08/27/2018	11,046
Xiao, Liping	DHHS/NIH/National Institutes of Health	Sickle Cell Trait and Bone Fracture	09/13/2018	2,045,290
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Role of Host Genes and the Microbiome in Cocaine Addiction	07/31/2018	71,219
Zhou, Yanjiao	G.D. Searle	The Role of Gut Microbiome as a Non-Genetic Factor in Controlling Excessive Alcohol Drinking	09/26/2018	300,000
<b>Molecular Biology &amp; Biophysics</b>			<b>3 Proposals</b>	<b>\$3,722,181</b>
Weller, Sandra K	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Genetics of HSV DNA Replication	08/15/2018	3,584,082
Weller, Sandra K	DHHS/NIH/National Institutes of Health/Quercus Molecular Design	Viral Proteins as Radiosensitizers in the Treatment of Solid Tumors.	09/05/2018	134,999
Weller, Sandra K	Farmington High School, CT	Farmington High School Cutting Edge Internship Program	07/16/2018	3,100
<b>NEAG Cancer Center (SOM)</b>			<b>8 Proposals</b>	<b>\$5,814,659</b>
Andemariam, Biree	CT Department of Public Health/Hospital for Special Care	Sickle Cell Disease and Trait Community Outreach Program	09/11/2018	90,469
Das, Asis	DHHS/NIH/National Institutes of Health/University of Texas Health Science Center at Houston	Mechanism and regulation of Polymicrobial Interactions governed by fusobacterium	09/17/2018	134,071
Hansen, Marc F	DHHS/NIH/National Institutes of Health	Malignant Transformation of a Persistent Stem Cell Population: Neural Crest Stem Cells and Craniofacial Osteosarcoma	09/27/2018	2,050,000
Hansen, Marc F	DHHS/NIH/National Institutes of Health	Malignant Transformation of a Persistent Stem Cell Population: Neural Crest Stem Cells and Craniofacial Osteosarcoma.	08/16/2018	2,050,000
Nakanishi, Masako	DHHS/NIH/National Institutes of Health/University of Connecticut	Development and Testing of AK3 Anticancer Agents	09/24/2018	213,751
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health/Jackson Laboratory	The Microbiome of Precancerous Lesions	07/11/2018	163,813



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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Rosenberg, Daniel W	DHHS/NIH/National Institutes of Health/Jackson Laboratory	The Microbiome of Precancerous Lesions.	08/02/2018	114,800
Srivastava, Pramod K	DOD/Department of Defense	A Neoepitope vaccine against recurrence of epithelial ovarian cancer	08/02/2018	997,755
<b>Neuroscience</b>			<b>13 Proposals</b>	<b>\$14,384,032</b>
Antic, Srdjan D	Cure Alzheimer's Fund	Physiological Method for Early Detection of Synaptic Vulnerability in AD Model Animal	08/01/2018	345,000
Antic, Srdjan D	DHHS/NIH/National Institute of Mental Health	Technologies for Multi-Cell Voltage Imaging at Single-Cell Resolution	09/26/2018	2,459,293
Bernstein, Leslie	DOD/Navy/Office of Naval Research	Behavioral Measures of the Precision of Coding of Interaural Disparities in Human Listeners.	07/24/2018	272,660
Hu, Xiangyou	DHHS/NIH/National Institutes of Health	Monitoring Seizure Activity Following BACE1 Inhibition for Alzheimer's Disease Treatment.	07/13/2018	450,438
Levine, Eric S	DHHS/NIH/National Institutes of Health	Regulation of Synaptic Plasticity by BDNF-endocannabinoid Interactions	08/16/2018	2,049,063
Levine, Eric S	DHHS/NIH/National Institutes of Health	Using Genetics to Uncover Cellular Phenotypes Underlying Dup15q Syndrome.	08/15/2018	449,125
Levine, Eric S	DHHS/NIH/National Institutes of Health/Syracuse University	Electrophysiological Characterization of x Ct-Deficient Sut Mice	09/28/2018	25,000
Ma, Xinming	DHHS/NIH/National Institutes of Health	Dissecting the Role of Dpys 12 in Depression	08/16/2018	2,050,000
Ma, Xinming	DHHS/NIH/National Institutes of Health	Exploring the Role of RFWD2 in Depression.	07/16/2018	450,438
Martinelli, David C	Action on Hearing Loss	Discovery of the Auditory Function of the Outer Hair Cell Afferent Synapses	08/07/2018	210,445
Martinelli, David C	Hood (Charles H.) Foundation	Establishing The C1Q-like Protein Signaling Pathway as a Novel Target for ADHD Treatment	09/13/2018	163,816
Trakhtenberg, Feliks	DHHS/NIH/National Institutes of Health	Small non-coding RNAs regulate retinal ganglion cell maturation and the developmental loss of intrinsic axon growth capacity	08/10/2018	2,049,063
Yan, Riqiang	DHHS/NIH/National Institute on Aging	Inhibition of BACE1 for benefiting Alzheimer's Patients	08/03/2018	3,409,691
<b>Orthopaedic Surgery</b>			<b>12 Proposals</b>	<b>\$4,669,503</b>
Kumbar, Sangamesh G	DHHS/NIH/National Institutes of Health/University of Virginia	Potential of adipose derived stem cells (ADSCs) for therapeutic enhancement of bone regeneration	09/21/2018	92,976
Kumbar, Sangamesh G	DOD/Department of Defense	PR180315 - "Bioerodible Growth Factor Eluting Cellulose-Based Formulations for Bone Regeneration	09/06/2018	1,747,703
Kumbar, Sangamesh G	DOD/Department of Defense	PR180803P1-Bioactive Micro-Nano Nerve Grafts for Peripheral Nerve Regeneration	09/12/2018	1,232,799
Laurencin, Cato	DHHS/NIH/National Institutes of Health/Carnegie Mellon University	Osteomimetic graphene as a cell instructive scaffold for bone regeneration	07/11/2018	188,809
Laurencin, Cato	DOD/Department of Defense/Advanced Regenerative Manufacturing Institute (ARMI)	Regenerative Engineering for Education and Learning Impact	08/24/2018	502,819
Laurencin, Cato	DOD/Department of Defense/University of Connecticut	Biodegradable Piezoelectric Nanofiber Scaffold for Bone Regeneration	09/06/2018	188,444
Mazzocca, Augustus D	Arthrex	Arthrex Research 2019	09/18/2018	395,338
Mazzocca, Augustus D	Arthrex	Influence of Different Non-Resorbable Suture Materials on Human Ligament, Tendon, Muscle, and Bone Cells: Supplies Fund 601383	09/04/2018	4,989
Mazzocca, Augustus D	Arthrex	Isolation of adult human stem cells from ilium during hip arthroscopy surgery. Supplies Fund 601383	09/28/2018	2,281

## Quarterly Proposal List by Managing Department

PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Sanjay, Archana	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases/University of Colorado	Identification of Genes Regulating Bone Matrix Composition and Quality	07/05/2018	23,254
Sathe, Vinayak	DOD/Department of Defense/University of Connecticut	Articular Cartilage Regeneration by Native Chondroprogenitors for PT-OA Prevention	09/04/2018	169,366
Walker, Joseph	DHHS/NIH/National Institutes of Health/University of Connecticut	Effectiveness of the Control Back Self-Management Intervention for Low Back Pain	09/18/2018	120,726
<b>Psychiatry</b>			<b>13 Proposals</b>	<b>\$14,830,338</b>
Bauer, Lance O	DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism	Post Doctoral Training Program in Alcohol Studies	07/31/2018	223,039
Bruder, Mary E	DHHS/ACL/Administration for Community Living	University Centers for Excellence in Developmental Disabilities Education, Research, and Services	09/21/2018	23,000
Covault, Jonathan M	DHHS/NIH/National Institutes of Health/Virginia Commonwealth University	Zonisamide Treatment of Alcohol Use Disorder: An Evaluation of Efficacy and Mechanisms of Action	08/01/2018	1,061,946
Ginsburg, Golda S	ED/Department of Education	Enhancing the Capacity of School Nurses to Reduce Excessive Anxiety in Children: An Efficacy Trial of the CALM Intervention	08/10/2018	3,300,000
Ginsburg, Golda S	ED/Department of Education	Transitioning Anxious Middle Schoolers Successfully: Development of a Brief Intervention (TAMS)	08/20/2018	1,400,000
Grasso, Damion J	CT Department of Children and Families/Connecticut Children's Medical Center	Intimate Partner Violence and Child Maltreatment Yr. 5	07/17/2018	25,512
Grasso, Damion J	CT Judicial Branch/Connecticut Children's Medical Center	Asset based approaches serving children exposed to family violence	07/05/2018	22,646
Hrdlicka, Henry C	DHHS/NIH/National Institutes of Health	miR-29 Regulation of the E-Cadherin Signaling Complex During Osteoclastogenesis	08/06/2018	93,441
Kamath, Jayesh	DHHS/NIH/National Institutes of Health/University of Connecticut	Personalized Depression Treatment Supported by Mobile Sensor Analytics	08/02/2018	464,760
Kaminer, Yifrah	DHHS/NIH/National Institutes of Health	Continued Care for Youth with Alcohol and/or Cannabis Use Disorder and Co-Occurring Depression	07/03/2018	3,922,674
Steffens, David C	DHHS/NIH/National Institutes of Health/Yale University	Depression and Accelerated Brain Aging: A PET Imaging Study	09/07/2018	117,210
Steinberg, Karen L	DHHS/ACF/Administration for Children and Families/CT Office of Early Childhood	Nurturing Families Network	09/07/2018	477,884
Wang, Lihong	DHHS/NIH/National Institutes of Health	Effect of Stress Across the Lifespan on Brain Aging and Cognitive Decline	07/03/2018	3,698,226
<b>Surgery</b>			<b>3 Proposals</b>	<b>\$1,398,194</b>
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	Novel Liquid Coatings for Surgical Mesh that Enhance Mesh Biocompatibility in Vivo	08/22/2018	47,916
Kreutzer, Donald L	Cell and Molecular Tissue Engineering	Uses of Exosome-Based Mesh Coatings to Enhance Hernia Repair	08/22/2018	38,278
Kreutzer, Donald L	DHHS/NIH/National Institutes of Health/Wayne State University	Closing the Loop for Diabetes: CSII for the 21st Century	09/27/2018	1,312,000
<b>UConn Center on Aging</b>			<b>10 Proposals</b>	<b>\$5,163,910</b>
Bartley, Jenna	DHHS/NIH/National Institutes of Health/Harvard Medical School	The Mechanistic Effect of a Combined Testosterone Therapy and Exercise Intervention upon Axial Bone and Muscle Post-Hip Fracture	07/26/2018	77,884
Fortinsky, Richard	DHHS/NIH/National Institute on Aging/Brown University	NIA AD/ADRD Health Care Systems Research Collaboratory	07/31/2018	248,716

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PI Name	Sponsor	Project Title	Submit Date	Total Requested Amount
Kuchel, George A	DHHS/NIH/National Institute on Aging	IPA: Genetic Analysis of Inflammatory Variants in Human Aging	09/25/2018	43,460
Lee, Sun-Kyeong	USDA/Department of Agriculture/University of Connecticut	Importance of timing in blackcurrant supplementation in lowering inflammation and promoting bone health	07/30/2018	99,177
Robison, Julie T	DHHS/ACL/Administration for Community Living/CT Department of Rehabilitative Services, State Unit on Aging (DORS)	VOICES:Storytelling and Care Planning	08/09/2018	68,652
Robison, Julie T	DHHS/ACL/Administration for Community Living/LiveWell	ACL Alzheimer's Disease Program	07/03/2018	148,678
Robison, Julie T	DHHS/NIH/National Institutes of Health/Jackson Laboratory	Microbiome plasticity & pathogenicity in older adults, baselines & transitions from skilled nursing care	08/09/2018	1,457,025
Smith, Phillip P	DHHS/NIH/National Institute on Aging	Role of Senolytics in Lower Urinary Tract Aging and Voiding Disorders	08/16/2018	440,318
Xu, Ming	American Federation for Aging Research	Using Senolytic Drugs to Alleviate Age-Related Frailty and Inflammation	07/17/2018	120,000
Xu, Ming	DHHS/NIH/National Institutes of Health	Targeting Cellular Senescence to Extend Healthy Lifespan in Aging	09/07/2018	2,460,000
<b>Other UConn Health</b>			<b>5 Proposals</b>	<b>\$813,440</b>
<b>Other UConn Health</b>			<b>5 Proposals</b>	<b>\$813,440</b>
Finck, Christine M	DOD/Department of Defense/University of Vermont	Clinical Development of a Novel Pleural and Tracheal Sealant	09/18/2018	299,108
Nold, Christopher	DHHS/NIH/National Institutes of Health	Developing a Novel Immunological Therapy to Preterm Birth thru Anti-Granulocyte Macrophage-Colony Stimulating Factor (GM-CSF) Antibodies	06/15/2018	447,710
Paul, Gabriel G	Gold (Arnold P.) Foundation for Humanism in Medicine	Men's Health-Seeking Behavior, Cancer Knowledge and Awareness, and Willingness to Support Female Partners in Jeremie, Haiti	07/03/2018	3,300
Young, Erin	DHHS/NIH/National Institutes of Health/University of Wisconsin, Madison	Biopsychosocial factors, cumulative stress and health outcomes in adolescents with a chronic health condition.	09/21/2018	29,873
Young, Erin	INOVA Diagnostics/University of Connecticut	Genetic Relationship with Acute Surgical (GRASP) in Minimally Invasive Surgical Patients	08/30/2018	33,449
<b>University of Connecticut Health</b>			<b>148 Proposals</b>	<b>\$101,493,578</b>
<b>Grand Total</b>			<b>522 Proposals</b>	<b>\$292,667,300</b>