



Office of the Vice President for Research

List of Awards Received FY2018 3rd Quarter

January 1, 2018 – March 31, 2018

Volume 18.3

List of Awards Received

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

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

This list includes all awards received in the reporting quarter, based on the date listed on the award letter from the sponsor, and reflects the total anticipated award amount over the entire project.

The awards listed reflect the current status of data entered through the reporting quarter of the fiscal year in the InfoEd research administration system as of the date the report was created. For recently received awards, there may be some incomplete information until the data entry process is complete.

Quarterly Award List by Academic Home Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
College of Agriculture, Health and Natural Resources			23 Awards	\$6,757,085
Agricultural and Resource Economics			2 Awards	78,435
Fiala, Nathan	Wellspring Advisors	Qualitative Follow-up to Social Accountability and Service Delivery: Experimental Evidence from Uganda	03/28/2018	38,150
Liu, Pengfei	DOC/NOAA/National Oceanic and Atmospheric Administration	Bio-economic Outcomes under Alternative Management Strategies with Human Choice and Behavior: Modeling Tautog and Anglers' Preferences	03/08/2018	40,285
Agriculture and Natural Resources Dean			5 Awards	4,088,927
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Expanded Food and Nutrition Education Program (EFNEP)	01/17/2018	538,634
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Hatch Formula Program	03/01/2018	790,934
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Hatch Multistate Formula Program	02/27/2018	482,569
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Renewable Resources (RREA)	02/21/2018	46,448
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Smith-Lever 3(b)(C)	03/19/2018	2,230,342
Allied Health Sciences			3 Awards	1,232,076
McCaffery, Jeanne	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Salivary Amylase Gene (AMY1) as a Predictor of Weight and Diet in Look AHEAD and DPP	02/09/2018	150,807
Pagoto, Sherry	DHHS/NIH/National Institutes of Health	Using a Narrative-Based Approach to Reducing Indoor Tanning	02/27/2018	383,072
Waring, Molly	DHHS/NIH/National Heart, Lung, and Blood Institute	Delivering a Post-Partum Weight Loss Intervention via Facebook vs In-Person Groups: A Feasibility Pilot Trial	01/11/2018	698,197
Animal Science			2 Awards	42,283
Tang, Young	Yale University	Develop High Throughput Assay for Screen of Chemical Compounds that Inhibit PRRSV and CD163 Interaction	02/05/2018	10,000
Tian, Xiuchun C	Cooper Surgical	Testing of Oocyte/Embryo Vitrification Device Designed by CooperSurgical, Inc.	03/15/2018	32,283
Extension			6 Awards	241,625
Barrett, Juliana	EPA/Environmental Protection Agency/National Fish and Wildlife Foundation	Resilience Management for Dodge Paddock/Beal Preserve, Stonington, CT	03/26/2018	55,449
Kelly, Miriah M	Connecticut Innovations	Capability-Based Innovation: Evaluating the Use of Combined Public and Private Investment to Achieve Incremental Community & Economic Development Outcomes in 4 CT Communities	02/20/2018	35,468
Valiquette, Edith L	Disney Conservation Fund/National 4-H Council	Connecting Urban Youth to Nature	02/27/2018	17,600
Welch, Mary E	USDA/National Institute of Food and Agriculture/University of Missouri	Health Homes Partnership - National Leadership	02/09/2018	13,000
Wilson, Emily H	CT Department of Energy and Environmental Protection	Sea Level Affecting Affecting Marshes Model (SLAMM)	02/02/2018	61,583
Wilson, Emily H	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	2015 Land Cover and Impervious Cover Update for the Lower LIS Watershed	02/02/2018	58,525
Kinesiology			2 Awards	743,678
Casa, Douglas J	National Collegiate Athletic Association/University of North Carolina, Chapel Hill	National Center for Catastrophic Sport Injury Research (NCCSIR)	01/18/2018	36,418
Lepley, Lindsey	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Influence of Eccentric Exercise on Muscle and Joint Health after ACL Injury	03/09/2018	707,260
Natural Resources and the Environment			2 Awards	325,061

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Parent, Jason R	Eversource	Substation Physical Security - Detection of UAVs (Phase I)	02/05/2018	150,000
Rittenhouse, Tracy A	DOI/United States Fish and Wildlife Service/CT Department of Energy and Environmental Protection	Bobcat Resource Selection and Movements within Exurban Development	01/26/2018	175,061
Plant Science and Landscape Architecture			1 Awards	5,000
Raudales Banegas, Rosa E	New England Floriculture	Preventing Clogging of Drip Irrigation Caused by Iron Precipitates	01/22/2018	5,000
College of Liberal Arts and Sciences			33 Awards	\$6,587,482
Anthropology			2 Awards	172,274
McBrearty, Sally A	Leakey (Louis S.B.) Foundation	Using Phytoliths to Reconstruct Hominin Adaptations and Microhabitats During the Acheulian-MSA Transition in the Kapthurin Formation, Kenya	01/29/2018	13,000
Smith, Chrystal A	NSF/National Science Foundation/University of South Florida	Collaborative Research: NRT-INFEWS: Systems Thinking Training for Research ON Geography-Based Coastal Food Energy Water Systems (STRONG-CFEWS)	03/01/2018	159,274
Chemistry			3 Awards	780,431
Lin, Yao	NSF/MPS/Directorate for Mathematical and Physical Sciences	Material Properties of Complex Macromolecules Containing Synthetic Polyamino Acids	02/21/2018	367,119
Mani, Tomoyasu	Japan Science and Technology Agency	Plane-Selection Optical Imaging by Magnetically Controlled Optical Probes	01/03/2018	403,312
Rouge, Jessica	Connecticut Innovations/Yale University	Novel Targeted Nucleic Acid Noncapsule-Delivered Therapeutics for Treating Optic Neuropathies	02/05/2018	10,000
Ecology and Evolutionary Biology			1 Awards	258,745
Elphick, Christopher	National Fish and Wildlife Foundation/University of Delaware	Assessing the Ecological Effectiveness of Hurricane Sandy Marsh Restoration Activities	03/29/2018	258,745
Geography			1 Awards	22,780
Trumbull, Nathaniel S	DOI/National Park Service/CT Department of Economic and Community Development	Creating a blue heritage trail for Southeastern Connecticut: Maritime History, Economy and Ecology	03/08/2018	22,780
Human Development and Family Studies			1 Awards	47,308
Russell, Beth S	Connecticut Children's Medical Center	Center for Behavioral Health -- Research Assistant Position (Simpson)	03/20/2018	47,308
Linguistics			1 Awards	40,322
Bobaljik, Jonathan	NEH/National Endowment for the Humanities	The Bogoraz 1901 Notebooks	03/30/2018	40,322
Marine Sciences			14 Awards	1,869,819
Baumann, Hannes	NSF/National Science Foundation	Collaborative Research: The Genomic Underpinnings of Local Adaptation Despite Gene Flow Along a Coastal Environmental Cline	02/27/2018	325,305
Baumann, Zofia A	Cape Cod Commercial Fishermen's Alliance	Mercury Analysis in Spiny Dogfish	02/17/2018	5,580
Baumann, Zofia A	DOC/NOAA/National Oceanic and Atmospheric Administration	Patterns and Controls of Methylmercury Bioaccumulation in Zooplankton from Long Island Sound	03/08/2018	149,576
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Maine	Charter of R/V Connecticut for University of Maine - Wallinga Buoy Maintenance	03/22/2018	92,036
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Maine	Charter of the R/V Connecticut by UMaine for Buoy Maintenance	02/28/2018	92,036
Cabaniss, Joseph T	EOM Offshore	Charter of the R/V Connecticut by EOM Offshore for Buoy Maintenance	03/06/2018	14,256
Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Bigelow Laboratory for Ocean Sciences	Charter of R/V Connecticut for Bigelow Lab Gulf of Maine Survey	02/22/2018	30,800

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Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Bigelow Laboratory for Ocean Sciences	Charter of the R/V Connecticut by Bigelow for Gulf of Maine Survey	03/15/2018	30,800
Dam Guerrero, Hans G	DOC/NOAA/National Oceanic and Atmospheric Administration	Will Red Tide Blooms Become More Prevalent and Intense in Long Island Sound?	03/08/2018	149,180
Dam Guerrero, Hans G	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	LIS Mesozooplankton and Microzooplankton Identification and Analyses, 2018	03/23/2018	218,084
Granger, Julie	DOC/NOAA/National Oceanic and Atmospheric Administration	Invasive Macroalgae in Little Narragansett Bay: Nitrogen Sources and Cycling Inferred from Stable Isotopic Tracers	03/08/2018	149,517
Lin, Senjie	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	Identification of Phytoplankton Collected from Long Island Sound, 2018	03/23/2018	111,234
Lund, David C	NSF/GEO/Directorate for Geosciences	The Atlantic's Role in Ice Age Inception and Termination: Assessing Carbon Storage and Release with New Brazil Margin Profiles from MIS 2 to MIS 6	03/23/2018	378,951
O'Donnell, James	DOC/NOAA/National Ocean Service/Nature Conservancy	Increasing Resilience and Reducing Risk through Successful Application of Nature Based Coastal Infrastructure Practices in New England	01/05/2018	122,464
Physics			3 Awards	504,043
Cormier, Vernon F	NSF/National Science Foundation	Seismic Signatures of Inner Core Solidification	01/23/2018	333,887
Joo, Kyungseon	DOE/Brookhaven National Laboratory	EIC Background Studies and the Impact on the IR and Detector Design	01/18/2018	34,999
Trump, Jonathan R	NASA/National Aeronautics and Space Administration/Space Telescope Science Institute	Ultraviolet Echoes of Quasar Accretion Disks	03/19/2018	135,157
Physiology and Neurobiology			2 Awards	1,973,279
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	Understanding the Role of Minor Intron Splicing in Cortical Development	02/20/2018	1,823,279
Mulkey, Daniel K	Dravet Syndrome Foundation	Disordered Breathing Contributes to SUDEP in a Mouse Model of Dravet Syndrome	01/03/2018	150,000
Political Science			1 Awards	49,947
Perkoski, Evan J	Stanton Foundation	Stanton Foundation Course Development Proposal	01/30/2018	49,947
Psychological Sciences			4 Awards	868,534
Green, James A	Haskins Laboratories	Administrative Supplement for Kenneth Pugh, PhD.	01/23/2018	25,406
Hancock, Roeland	DHHS/NIH/National Institute of Child Health and Human Development/University of California, San Francisco	Neurochemistry as a Moderator of Brain Networks for Reading	02/27/2018	6,061
Magnuson, James S	NSF/National Science Foundation	Computational Approaches to Human Spoken Word Recognition	02/28/2018	602,267
Park, Crystal	Templeton (John) Foundation	Development and Validation of a Measure of Implicit and Explicit Religious Beliefs	02/02/2018	234,800
NEAG School of Education			3 Awards	\$339,579
Curriculum and Instruction			1 Awards	1,800
Campbell, David	ED/Department of Education/Central Connecticut State University	Connecticut Network of Science Educators and Preservice Teachers (CoNSEPT)	03/23/2018	1,800
Educational Psychology			2 Awards	337,779
Kearns, Devin	DHHS/NIH/National Institute of Child Health and Human Development/Haskins Laboratories	Computer-Aided and Reading Intervention using Neuroimaging of Growth (CARING)	01/25/2018	144,305
Sugai, George	ED/Department of Education/University of Connecticut Health Center	Early Childhood Personnel Center	02/08/2018	193,474

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PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
School of Business			3 Awards	\$2,607,600
CT Small Business Development Center			2 Awards	2,515,090
Carter, Emily	CT Department of Economic and Community Development	Small Business Development Center	02/09/2018	1,338,969
Carter, Emily	SBA/Small Business Administration	Small Business Development Center	02/09/2018	1,176,121
Operations & Info Management			1 Awards	92,510
Etudo, Ugochukwu O	DOC/Bureau of the Census/Newlight Technologies	Text & Data Analytics for Census Operations	01/02/2018	92,510
School of Engineering			32 Awards	\$4,811,205
Biomedical Engineering			4 Awards	331,076
Chon, Ki H	DHHS/NIH/National Institute of General Medical Sciences/Jackson Laboratory	Graduate Research in Genomics	03/28/2018	38,383
Chon, Ki H	NSF/ENG/Directorate for Engineering/Mobile Sense Technologies	SBIR Phase I: Arrhythmia Detection and Classification on a Wireless Waterproof Armband	03/06/2018	50,000
Feng, Bin	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Mechanisms of DRG Stimulation to Modulate Visceral Afferent Function	03/15/2018	159,526
Kaputa, David F	Boston Children's Hospital	2017-2018 Clinical Engineering Internship Program at Boston Children's Hospital	01/25/2018	83,167
Chemical and Biomolecular Engineering			3 Awards	388,701
Bollas, Georgios	United Technologies Corporation (UTC)	Robust Active Fault Detection and Isolation in Aerospace Applications of Thermal Fluid Systems	01/16/2018	130,914
Ma, Wing Kui Anson	Nextflex/Boeing	Printed Passives for FHE including Materials, Tools and Process Documentation	03/28/2018	150,000
Valla, Ioulia	Doosan Fuel Cell America	HDS Catalyst Testing	03/26/2018	107,787
Civil and Environmental Engineering			6 Awards	379,486
Chrysochoou, Maria	CT Department of Economic and Community Development	The Connecticut Brownfields Initiative	01/10/2018	50,000
Esmaili Zaghi, Arash	CT Department of Transportation	Adaptation of 3D Scanning Technology for High Precision Bridge Inspection	01/31/2018	22,039
Esmaili Zaghi, Arash	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Adaptation of 3D Scanning Technology for High Precision Bridge Inspection	01/31/2018	88,157
Kim, Jeongho	United Technologies-Pratt & Whitney	UConn - Compression Systems: Composites Manufacturing, Analysis and Test	01/24/2018	65,500
Li, Baikun	Infiltrator Water Technologies	Validation of Milli-electrode Array (MEA) as Real-time In Situ Nitrogen Sensor Package for On-Site Wastewater Treatment Systems (OWTS)	01/23/2018	128,790
Shen, Xinyi	Housatonic Valley Association	Planning for Climate Resilient and Fish-Friendly Road/Stream Crossings	03/28/2018	25,000
Computer Science and Engineering			2 Awards	79,526
Duggirala, Parasara S	United Technologies-Corporate Headquarters	Testing Based Approaches for Validation and Verification of Cyber-Physical Systems	01/16/2018	64,798
Rajasekaran, Sanguthevar	NSF/National Science Foundation/North Carolina State University	MATDAT: Materials and Data Sciences Hackathon	02/08/2018	14,728
Connecticut Transportation Institute			1 Awards	88,000
Mahoney, James M	CT Department of Transportation	Connecticut Cooperative Highway Research Program (Joint Highway Research Advisory Council Work Program FY18)	03/26/2018	88,000
Electrical and Computer Engineering			8 Awards	1,738,469

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Bazzi, Ali	DOD/Navy/Office of Naval Research	High-Voltage High-Frequency Power Electronic Testbed for Naval Propulsion Drives Research	03/27/2018	242,774
Bazzi, Ali	NSF/National Science Foundation	CAREER: Hierarchical Control of High-Performance Motor Drives	03/05/2018	500,000
Bazzi, Ali	Toyota Research Institute/Toyota Motor Engineering and Manufacturing North America	Machine Learning Approaches for IGBT Fault Prognosis and Diagnosis in Vehicular Inverters	02/21/2018	150,000
Chandy, John A	NSF/CISE/Directorate for Computer and Information Science and Engineering	Planning IUCRC University of Connecticut: Center for Hardware and Embedded Systems Security and Trust (CHEST)	03/09/2018	15,000
Dani, Ashwin	United Technologies-Corporate Headquarters	Learning Physics from Machines: Physics-Informed Machine Learning	01/16/2018	143,193
Gupta, Shalabh	United Technologies-Corporate Headquarters	Reconfigurable Aerospace Systems for Reliability and Performance	01/16/2018	126,338
Zhang, Liang	DOC/National Institute of Standards and Technology (NIST)	Transient Analysis - Enabled Real-Time Production Diagnosis, Prognosis, and Control for Smart Manufacturing: Theory and Application	03/22/2018	161,427
Zhang, Peng	DOE/Brookhaven National Laboratory	Formal Analysis for Dynamic Stability Assessment of Large Interconnected Grids under Uncertainties	02/14/2018	399,737
Materials Science and Engineering			1 Awards	65,000
Hebert, Rainer J	United Technologies-Pratt & Whitney	Computational and Experimental Studies of Laser-powder Interactions for Additive Manufacturing	03/06/2018	65,000
Mechanical Engineering			7 Awards	1,740,947
Cetegen, Baki	United Technologies-Pratt & Whitney	Studies on Premixed reacting Jets in Vitiated Crossflow: Study of Effects of Flame Attachment with Emphasis on Combustor Durability	02/01/2018	69,978
Chen, Xu	NSF/ENG/Directorate for Engineering	CAREER: Adding to the Future: New Regimes of Modeling and Controls for Quality Layered Energy Deposition in Additive Manufacturing	03/15/2018	500,000
Li, Ying	NSF/CISE/Directorate for Computer and Information Science and Engineering	CRII: OAC: A Hybrid Finite Element and Molecular Dynamics Simulation Approach for Modeling Nanoparticle Transport in Human Vasculature	02/21/2018	174,999
Lu, Tianfeng	DOD/Department of Defense/CFD Research Corporation	Efficient Combustion Chemistry Model Development with Uncertainty Quantification	01/17/2018	45,000
Norato Escobar, Julian A	NSF/National Science Foundation	CAREER: Incorporating Geometric Rules and Cost in Topology Optimization for Efficient Design of Near-Manufacturable Structures	03/12/2018	500,000
Sung, Chih-Jen	University of Hartford	AIAA Rocketry	02/01/2018	1,000
Zhao, Xinyu	DOD/Air Force/Air Force Office of Scientific Research	¿Pockets¿ in highly turbulent premixed flames: physics and implications on modeling	03/15/2018	449,970
School of Pharmacy			3 Awards	\$79,652
Pharmaceutical Sciences			1 Awards	35,000
Chaudhuri, Bodhisattwa	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Experimentally Validated Computational Modeling of Pharmaceutical Manufacturing Processes of Solid Dosage Forms	03/22/2018	35,000
Pharmacy Practice			2 Awards	44,652
Rickles, Nathaniel M	Community Pharmacy Foundation	Enhancing Mental Health Care through Community Pharmacist's Administration of Long-Acting Injectable Antipsychotics (LAIA)	03/05/2018	40,000
Rickles, Nathaniel M	Patient-Centered Outcomes Research Institute (PCORI)/University of Connecticut Health Center	3D Team Care for Cognitively Vulnerable Older Adults	03/15/2018	4,652
School of Social Work			3 Awards	\$84,872
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Lin, Hsiu-Ju	DHHS/FDA/Food and Drug Administration/Yale University	Linking Data Sources to Elucidate Non-Fatal and Fatal Opioid-Related Overdose Epidemiology and the Role of FDA-Regulated Products	02/09/2018	30,000
Parr, Kathryn E	CT Department of Children and Families/University of Connecticut Health Center	RSVP 2018	01/25/2018	24,872
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	Connecticut's Critical Time Investment Plus	01/16/2018	30,000
Academic and Service Programs			3 Awards	\$231,336
Unassigned Department			2 Awards	225,336
Jordan, Eric H	United Technologies-Pratt & Whitney	CMAS Gradient Rig	02/08/2018	150,000
Jordan, Eric H	United Technologies-Pratt & Whitney	Direct Heat Flux measurement of TBC with MW & LW IR cameras	02/23/2018	75,336
Waterbury Campus			1 Awards	6,000
DeMerrell, Fiona	Connecticut Community Foundation	The Greening of Waterbury	01/02/2018	6,000
Vice President for Research			10 Awards	\$1,373,758
Institute for Collaboration on Health, Intervention and Policy			1 Awards	49,495
Schwartz, Marlene B	Feeding America	Promoting Foods to Encourage in Feeding America Food Banks	01/10/2018	49,495
Northeast Undersea Research Technology and Education Center			2 Awards	51,560
Auster, Peter J	National Marine Sanctuary Foundation	Virtual Reality Camera Technology: Sampling Interactions of Piscivores and Prey	03/29/2018	46,560
Joy, Kevin P	Barnes Foundation/American School for the Deaf	UConn Support for ASD STEM Initiative ROV & Engineering Design Program	03/28/2018	5,000
Sea Grant College Program			5 Awards	1,206,397
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Connecticut Sea Grant 2018-2022 Omnibus	03/01/2018	456,757
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2018 - Czerwinski	01/31/2018	61,500
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2018 - Farr	01/10/2018	61,500
Deguisse, Sylvain	EPA/Long Island Sound Office/New York Sea Grant	New York Sea Grant Partial Support for 2017-2019 EPA LISS Research Projects (Lawrence and Whitney)	03/22/2018	259,919
Deguisse, Sylvain	Gulf of Mexico Research Initiative/National Marine Mammal Foundation	Consortium for Advanced Research on Marine Mammal Health Assessment (CARMMA)	02/06/2018	366,721
Vice President for Research			2 Awards	66,306
Maric, Radenka	Cabot Corporation	Fundamental Study of Cathode Material in the Lithium-Ion Battery	01/05/2018	50,000
Maric, Radenka	Proton OnSite	Novell Electrode Development for Electrolizer	02/01/2018	16,306
University of Connecticut - Storrs & Regional			113 Awards	\$22,872,569
School of Dental Medicine			4 Awards	\$1,684,753
Oral Health and Diagnostic Sciences			3 Awards	1,649,561
Aseltine, Robert	DHHS/CMS/CMMS/CT OHA	State Innovation Model Quality Scorecard	02/01/2018	725,948
Aseltine, Robert	DHHS/CMS/CMMS/CT OHA	State Innovation models/Round Two of Funding for Design and Test Assistance	02/01/2018	873,613

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Lalla, Rajesh	International Association for Dental Research	Novel Long-Acting Topical Anesthetic Product for Oral Mucositis Pain	03/07/2018	50,000
Reconstructive Sciences			1 Awards	35,192
Kalajzic, Ivo	DHHS/NIH/NIDDK/Harvard Medical School	PTH resistance and marrow adipogenesis	01/23/2018	35,192
School of Medicine			43 Awards	\$27,738,339
Cell Biology			2 Awards	1,796,582
Laubenbacher, Reinhard	DHHS/NIH/NIGMS	Control of Heterogeneous Microbial Communities Using Model-Based Mult-Objective Optimization	02/15/2018	1,696,582
Smilowitz, Henry	Owens (William and Ella) Medical Research Foundation	Gold Nanoparticle Treatment of Glioma	02/14/2018	100,000
Center for Molecular Medicine			1 Awards	30,283
Nakanishi, Masako	Thetis	Appendix B TP-317 Efficacy Studies in the DSS Colitis Model	03/05/2018	30,283
Community Medicine and Health Care			4 Awards	157,007
Bruder, Mary	ed/Department of Education/UMASS	Think College Planning Grant for Connecticut	02/27/2018	25,000
Cavallari, Jennifer	DHHS/CDC/Univ of Mass	Center for Promotion of Health in the New England Workplace	02/23/2018	13,000
Ungemack, Jane	DHHS/ACE/Court Improvement Prgm/CT DCF	Recovery Specialist Voluntary Program (RSVP/RCM) Evaluation year 9a (Federal), 9b (State).	01/10/2018	60,000
Ungemack, Jane	Trinity Health of New England/Saint Francis Hospital and Medical Center	UConn Evaluation of Well Being 360-Transforming Communities Initiative	02/14/2018	59,007
Dermatology			2 Awards	16,000
Strober, Bruce	AbbVie	#32210 -2017 AbbVie Grant for Dermatology Residents to use for Travel and Housing Assistance for AAD Annual Meeting	02/05/2018	12,000
Strober, Bruce	American Academy of Dermatology	2018 AAD Residents Travel and Housing Assistance Program	02/28/2018	4,000
Family Medicine			1 Awards	538,532
Agresta, Thomas	DHHS/CMS/CMMS/CT OHA	MOA Between the Office of the Healthcare Advocate and the University of CT Health Center	01/31/2018	538,532
Genetics and Developmental Biology			5 Awards	12,501,156
Beck, Christine	DHHS/NIH/NIGMS	Mechanisms of Repetitive Element Mediated Genomic Rearrangements	03/27/2018	747,000
Graveley, Brenton	DHHS/NIH/NHGRI	A Comprehensive Functional Map of Human Protein-RNA Interactions	02/05/2018	8,624,902
Lavigne, Sharon	OTIS	Reproductive and Environmental Health Network	03/20/2018	25,000
Lee, Se-Jin	DHHS/NIH/NIAMS	Characterization of Myostatin and GDF-11	01/31/2018	1,509,254
Pinter, Stefan	DHHS/NIH/NHLBI	Contributions of sex chromosomal gene homologues in X monosomy	02/20/2018	1,595,000
Immunology			2 Awards	2,432,375
Rathinam, Vijay	DHHS/NIH/NIAID	Characterization of Non Canonical Inflammasome-Mediated Release of Alarmins	01/15/2018	438,625
Vanaja, Sivapriya	DHHS/NIH/NIAID	Bacterial Modulation of Non Canonical Inflammasome	01/16/2018	1,993,750
Medicine			8 Awards	3,368,386
Andemariam, Biree	CTDPH/Hospital for Special Care	Sickle Cell Disease and Trait Community Outreach	02/16/2018	25,462
Dieckhaus, Kevin	CT DPH	AIDS Health Care and Support Services (Ryan White Part B)	01/28/2018	1,075,326

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Gould, Bruce	DHHS/CMS/CMMS/CT Office of Health Strategy	State Innovation Models: Round Two of Design and Teting Assistance-CHWs	02/05/2018	290,048
Hurley, Marja	DHHS/NIH/NIAMS	FGF2 Isoforms in Bone and Phosphate Homeostasis	01/17/2018	1,595,000
Rash, Carla	CT DPH/Yale University	A Reinforcement Approach to Increase Use of CGM	02/21/2018	108,393
Robison, Julie	CT Department of Social Services	MFP - Money Follows the Person Rebalancing Demonstration/HCBS SURVEY MOA	02/07/2018	84,102
Robison, Julie	DHHS/CMS/CMMS/CT Department of Social Services	MFP - Money Follows the Person Rebalancing Demonstration/TEFT MOA	02/07/2018	124,178
Rosenberg, Daniel	DHHS/NIH/NIDDK/Thetis Pharmaceuticals	Development of TP-317 for the Induction and Maintenance in Ulcerative Colitis Patients	01/19/2018	65,877
Molecular Biology & Biophysics			2 Awards	2,042,546
Hoch, Jeffrey	DHHS/NIH/NIGMS	Development and Application of Non-Fourier Method of Biomolecular NMR	01/01/2018	1,276,000
Korzhniev, Dmytro	DHHS/NIH/NIGMS/Northeastern University	Dynamics of Proessivity Clamp Proteins in Bacterial DNA Replication	02/22/2018	766,546
Neuroscience			3 Awards	484,882
Crocker, Stephen	Adelson Medical Research Fdn/UMASS	Synaptic Connectivity and Microglia Dysfunction in Multiple Sclerosis (MS)	01/26/2018	6,382
Mohan, Royce	DHHS/NIH/NEI	PAD4 in Retinal Gliosis	01/25/2018	438,625
Wang, Zhaowen	DHHS/NIH/NINDS/Yale University	Research Agreement with Yale	02/26/2018	39,875
Orthopaedic Surgery			6 Awards	2,410,615
Khan, Yusuf	DHHS/NIH/NIAMS	Transdermal Mechanical Loading for Cell Therapy-Based Bone Repair	03/26/2018	1,758,602
Kia, Cameron	Orthopaedic Research and Education Foundation	Intra-Articular Ketorolac Versus Corticosteroid Versus Hyaluronic Acid for Knee Osteoarthritis	02/23/2018	2,700
Laurencin, Cato	NSF	EFRI BioFlex: Electrically Mediated Complex Tissue Regeneration	02/22/2018	100,000
Mazzocca, Augustus	Arthrex	Arthrex Orthopaedic Research "Sponsorship" 2018	01/02/2018	387,891
Mazzocca, Augustus	Arthrex	Bursa, Tendon, and Stem Cell Testing of the Adhesive and Proliferative Properties of Arthrex's New DBM	01/31/2018	4,867
Mazzocca, Augustus	Arthrex	Sports Medicine Research Fellowship	01/16/2018	156,555
Pediatrics			2 Awards	902,894
Salazar, Juan	CT DPH	HIV AIDS Pediatrics and Adolescent Health Care and Support (Ryan White B)	11/22/2017	292,821
Salazar, Juan	DHHS/HRSA/CCSG	Ryan White Part D	01/08/2018	610,073
Psychiatry			4 Awards	1,032,931
Grasso, Damion	CCMC	Supporting Injury Prevention Center Research	01/17/2018	26,262
Greene, Carolyn	DHHS/NIH/NICHD	The Transmission of emotional Regulation in Traumatized Families	03/14/2018	637,144
Powell, Wizdom	DHHS/NIH/NIDA	Neighborhood, Daily Stress, Affect Regulation, & Black Male Substance Abuse	01/11/2018	334,525
Steffens, David	DHHS/AHRQ/UConn Storrs	Treatment of Depression in Older Adults	03/26/2018	35,000
Traumatology and Emergency Medicine			1 Awards	24,150
McKay, Charles	Denver Health & Hospital Authority	CT Poison Control RADARS Surveillance System, Orders 34 and 35.	01/17/2018	24,150
University of Connecticut Health			47 Awards	\$29,423,092
Grand Total			160 Awards	\$52,295,661

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

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
College of Agriculture, Health and Natural Resources			19 Awards	\$5,034,470
Agricultural and Resource Economics			2 Awards	78,435
Fiala, Nathan	Wellspring Advisors	Qualitative Follow-up to Social Accountability and Service Delivery: Experimental Evidence from Uganda	03/28/2018	38,150
Liu, Pengfei	DOC/NOAA/National Oceanic and Atmospheric Administration	Bio-economic Outcomes under Alternative Management Strategies with Human Choice and Behavior: Modeling Tautog and Anglers' Preferences	03/08/2018	40,285
Agriculture and Natural Resources Dean			5 Awards	4,088,927
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Smith-Lever 3(b)(C)	03/19/2018	2,230,342
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Renewable Resources (RREA)	02/21/2018	46,448
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Hatch Multistate Formula Program	02/27/2018	482,569
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Hatch Formula Program	03/01/2018	790,934
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 Expanded Food and Nutrition Education Program (EFNEP)	01/17/2018	538,634
Animal Science			2 Awards	42,283
Tian, Xiuchun C	Cooper Surgical	Testing of Oocyte/Embryo Vitrification Device Designed by CooperSurgical, Inc.	03/15/2018	32,283
Tang, Young	Yale University	Develop High Throughput Assay for Screen of Chemical Compounds that Inhibit PRRSV and CD163 Interaction	02/05/2018	10,000
Extension			6 Awards	241,625
Barrett, Juliana	EPA/Environmental Protection Agency/National Fish and Wildlife Foundation	Resilience Management for Dodge Paddock/Beal Preserve, Stonington, CT	03/26/2018	55,449
Valiquette, Edith L	Disney Conservation Fund/National 4-H Council	Connecting Urban Youth to Nature	02/27/2018	17,600
Wilson, Emily H	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	2015 Land Cover and Impervious Cover Update for the Lower LIS Watershed	02/02/2018	58,525
Kelly, Miriah M	Connecticut Innovations	Capability-Based Innovation: Evaluating the Use of Combined Public and Private Investment to Achieve Incremental Community & Economic Development Outcomes in 4 CT Communities	02/20/2018	35,468
Welch, Mary E	USDA/National Institute of Food and Agriculture/University of Missouri	Health Homes Partnership - National Leadership	02/09/2018	13,000
Wilson, Emily H	CT Department of Energy and Environmental Protection	Sea Level Affecting Affecting Marshes Model (SLAMM)	02/02/2018	61,583
Kinesiology			1 Awards	36,418
Casa, Douglas J	National Collegiate Athletic Association/University of North Carolina, Chapel Hill	National Center for Catastrophic Sport Injury Research (NCCSIR)	01/18/2018	36,418
Natural Resources and the Environment			1 Awards	175,061
Rittenhouse, Tracy A	DOI/United States Fish and Wildlife Service/CT Department of Energy and Environmental Protection	Bobcat Resource Selection and Movements within Exurban Development	01/26/2018	175,061
Pathobiology			1 Awards	366,721
De guise, Sylvain	Gulf of Mexico Research Initiative/National Marine Mammal Foundation	Consortium for Advanced Research on Marine Mammal Health Assessment (CARMMA)	02/06/2018	366,721
Plant Science and Landscape Architecture			1 Awards	5,000
Raudales Banegas, Rosa E	New England Floriculture	Preventing Clogging of Drip Irrigation Caused by Iron Precipitates	01/22/2018	5,000

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
College of Liberal Arts and Sciences			33 Awards	\$6,037,123
Anthropology			2 Awards	172,274
Smith, Chrystal A	NSF/National Science Foundation/University of South Florida	Collaborative Research: NRT-INFEWS: Systems Thinking Training for Research ON Geography-Based Coastal Food Energy Water Systems (STRONG-CFEWS)	03/01/2018	159,274
McBrearty, Sally A	Leakey (Louis S.B.) Foundation	Using Phytoliths to Reconstruct Hominin Adaptations and Microhabitats During the Acheulian-MSA Transition in the Kapthurin Formation, Kenya	01/29/2018	13,000
Chemistry			2 Awards	413,312
Rouge, Jessica	Connecticut Innovations/Yale University	Novel Targeted Nucleic Acid Nonocapsule-Delivered Therapeutics for Treating Optic Neuropathies	02/05/2018	10,000
Mani, Tomoyasu	Japan Science and Technology Agency	Plane-Selection Optical Imaging by Magnetically Controlled Optical Probes	01/03/2018	403,312
Ecology and Evolutionary Biology			1 Awards	258,745
Elphick, Christopher	National Fish and Wildlife Foundation/University of Delaware	Assessing the Ecological Effectiveness of Hurricane Sandy Marsh Restoration Activities	03/29/2018	258,745
Geography			1 Awards	22,780
Trumbull, Nathaniel S	DOI/National Park Service/CT Department of Economic and Community Development	Creating a blue heritage trail for Southeastern Connecticut: Maritime History, Economy and Ecology	03/08/2018	22,780
Human Development and Family Studies			1 Awards	47,308
Russell, Beth S	Connecticut Children's Medical Center	Center for Behavioral Health -- Research Assistant Position (Simpson)	03/20/2018	47,308
Linguistics			1 Awards	40,322
Bobaljik, Jonathan	NEH/National Endowment for the Humanities	The Bogoraz 1901 Notebooks	03/30/2018	40,322
Marine Sciences			16 Awards	1,921,379
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Maine	Charter of the R/V Connecticut by UMaine for Buoy Maintenance	02/28/2018	92,036
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Maine	Charter of R/V Connecticut for University of Maine - Wallinga Buoy Maintenance	03/22/2018	92,036
Baumann, Zofia A	DOC/NOAA/National Oceanic and Atmospheric Administration	Patterns and Controls of Methylmercury Bioaccumulation in Zooplankton from Long Island Sound	03/08/2018	149,576
Baumann, Zofia A	Cape Cod Commercial Fishermen's Alliance	Mercury Analysis in Spiny Dogfish	02/17/2018	5,580
Baumann, Hannes	NSF/National Science Foundation	Collaborative Research: The Genomic Underpinnings of Local Adaptation Despite Gene Flow Along a Coastal Environmental Cline	02/27/2018	325,305
Auster, Peter J	National Marine Sanctuary Foundation	Virtual Reality Camera Technology: Sampling Interactions of Piscivores and Prey	03/29/2018	46,560
O'Donnell, James	DOC/NOAA/National Ocean Service/Nature Conservancy	Increasing Resilience and Reducing Risk through Successful Application of Nature Based Coastal Infrastructure Practices in New England	01/05/2018	122,464
Lund, David C	NSF/GEO/Directorate for Geosciences	The Atlantic's Role in Ice Age Inception and Termination: Assessing Carbon Storage and Release with New Brazil Margin Profiles from MIS 2 to MIS 6	03/23/2018	378,951
Lin, Senjie	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	Identification of Phytoplankton Collected from Long Island Sound, 2018	03/23/2018	111,234
Joy, Kevin P	Barnes Foundation/American School for the Deaf	UConn Support for ASD STEM Initiative ROV & Engineering Design Program	03/28/2018	5,000
Granger, Julie	DOC/NOAA/National Oceanic and Atmospheric Administration	Invasive Macroalgae in Little Narragansett Bay: Nitrogen Sources and Cycling Inferred from Stable Isotopic Tracers	03/08/2018	149,517

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Dam Guerrero, Hans G	EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection	LIS Mesozooplankton and Microzooplankton Identification and Analyses, 2018	03/23/2018	218,084
Dam Guerrero, Hans G	DOC/NOAA/National Oceanic and Atmospheric Administration	Will Red Tide Blooms Become More Prevalent and Intense in Long Island Sound?	03/08/2018	149,180
Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Bigelow Laboratory for Ocean Sciences	Charter of the R/V Connecticut by Bigelow for Gulf of Maine Survey	03/15/2018	30,800
Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Bigelow Laboratory for Ocean Sciences	Charter of R/V Connecticut for Bigelow Lab Gulf of Maine Survey	02/22/2018	30,800
Cabaniss, Joseph T	EOM Offshore	Charter of the R/V Connecticut by EOM Offshore for Buoy Maintenance	03/06/2018	14,256
Physics			3 Awards	504,043
Trump, Jonathan R	NASA/National Aeronautics and Space Administration/Space Telescope Science Institute	Ultraviolet Echoes of Quasar Accretion Disks	03/19/2018	135,157
Joo, Kyungseon	DOE/Brookhaven National Laboratory	EIC Background Studies and the Impact on the IR and Detector Design	01/18/2018	34,999
Cormier, Vernon F	NSF/National Science Foundation	Seismic Signatures of Inner Core Solidification	01/23/2018	333,887
Physiology and Neurobiology			2 Awards	1,973,279
Mulkey, Daniel K	Dravet Syndrome Foundation	Disordered Breathing Contributes to SUDEP in a Mouse Model of Dravet Syndrome	01/03/2018	150,000
Kanadia, Rahul N	DHHS/NIH/National Institutes of Health	Understanding the Role of Minor Intron Splicing in Cortical Development	02/20/2018	1,823,279
Political Science			1 Awards	49,947
Perkoski, Evan J	Stanton Foundation	Stanton Foundation Course Development Proposal	01/30/2018	49,947
Psychological Sciences			3 Awards	633,734
Magnuson, James S	NSF/National Science Foundation	Computational Approaches to Human Spoken Word Recognition	02/28/2018	602,267
Hancock, Roeland	DHHS/NIH/National Institute of Child Health and Human Development/University of California, San Francisco	Neurochemistry as a Moderator of Brain Networks for Reading	02/27/2018	6,061
Green, James A	Haskins Laboratories	Administrative Supplement for Kenneth Pugh, PhD.	01/23/2018	25,406
NEAG School of Education			3 Awards	\$339,579
Curriculum and Instruction			1 Awards	1,800
Campbell, David	ED/Department of Education/Central Connecticut State University	Connecticut Network of Science Educators and Preservice Teachers (CoNSEPT)	03/23/2018	1,800
Educational Psychology			2 Awards	337,779
Sugai, George	ED/Department of Education/University of Connecticut Health Center	Early Childhood Personnel Center	02/08/2018	193,474
Kearns, Devin	DHHS/NIH/National Institute of Child Health and Human Development/Haskins Laboratories	Computer-Aided and Reading Intervention using Neuroimaging of Growth (CARING)	01/25/2018	144,305
School of Business			3 Awards	\$2,607,600
CT Small Business Development Center			2 Awards	2,515,090
Carter, Emily	SBA/Small Business Administration	Small Business Development Center	02/09/2018	1,176,121
Carter, Emily	CT Department of Economic and Community Development	Small Business Development Center	02/09/2018	1,338,969

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Operations & Info Management			1 Awards	92,510
Etudo, Ugochukwu O	DOC/Bureau of the Census/Newlight Technologies	Text & Data Analytics for Census Operations	01/02/2018	92,510
School of Engineering			36 Awards	\$5,187,847
Biomedical Engineering			4 Awards	331,076
Kaputa, David F	Boston Children's Hospital	2017-2018 Clinical Engineering Internship Program at Boston Children's Hospital	01/25/2018	83,167
Feng, Bin	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Mechanisms of DRG Stimulation to Modulate Visceral Afferent Function	03/15/2018	159,526
Chon, Ki H	NSF/ENG/Directorate for Engineering/Mobile Sense Technologies	SBIR Phase I: Arrhythmia Detection and Classification on a Wireless Waterproof Armband	03/06/2018	50,000
Chon, Ki H	DHHS/NIH/National Institute of General Medical Sciences/Jackson Laboratory	Graduate Research in Genomics	03/28/2018	38,383
Center for Clean Energy Engineering			8 Awards	1,177,367
Lu, Tianfeng	DOD/Department of Defense/CFD Research Corporation	Efficient Combustion Chemistry Model Development with Uncertainty Quantification	01/17/2018	45,000
Kim, Jeongho	United Technologies-Pratt & Whitney	UConn - Compression Systems: Composites Manufacturing, Analysis and Test	01/24/2018	65,500
Maric, Radenka	Cabot Corporation	Fundamental Study of Catholde Material in the Lithium-Ion Battery	01/05/2018	50,000
Maric, Radenka	Proton OnSite	Novell Electrode Development for Electrolizer	02/01/2018	16,306
Valla, Ioulia	Doosan Fuel Cell America	HDS Catalyst Testing	03/26/2018	107,787
Bazzi, Ali	Toyota Research Institute/Toyota Motor Engineering and Manufacturing North America	Machine Learning Approaches for IGBT Fault Prognosis and Diagnosis in Vehicular Inverters	02/21/2018	150,000
Bazzi, Ali	NSF/National Science Foundation	CAREER: Hierarchical Control of High-Performance Motor Drives	03/05/2018	500,000
Bazzi, Ali	DOD/Navy/Office of Naval Research	High-Voltage High-Frequency Power Electronic Testbed for Naval Propulsion Drives Research	03/27/2018	242,774
Chemical and Biomolecular Engineering			1 Awards	150,000
Ma, Wing Kui Anson	Nextflex/Boeing	Printed Passives for FHE including Materials, Tools and Process Documentation	03/28/2018	150,000
Civil and Environmental Engineering			2 Awards	178,790
Chrysochoou, Maria	CT Department of Economic and Community Development	The Connecticut Brownfields Initiative	01/10/2018	50,000
Li, Baikun	Infiltrator Water Technologies	Validation of Milli-electrode Array (MEA) as Real-time In Situ Nitrogen Sensor Package for On-Site Wastewater Treatment Systems (OWTS)	01/23/2018	128,790
Computer Science and Engineering			1 Awards	14,728
Rajasekaran, Sanguthevar	NSF/National Science Foundation/North Carolina State University	MATDAT: Materials and Data Sciences Hackathon	02/08/2018	14,728
Connecticut Transportation Institute			3 Awards	198,196
Esmaili Zaghi, Arash	CT Department of Transportation	Adaptation of 3D Scanning Technology for High Precision Bridge Inspection	01/31/2018	22,039
Esmaili Zaghi, Arash	DOT/Federal Highway Administration (FHWA)/CT Department of Transportation	Adaptation of 3D Scanning Technology for High Precision Bridge Inspection	01/31/2018	88,157
Mahoney, James M	CT Department of Transportation	Connecticut Cooperative Highway Research Program (Joint Highway Research Advisory Council Work Program FY18)	03/26/2018	88,000

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Electrical and Computer Engineering			2 Awards	176,427
Chandy, John A	NSF/CISE/Directorate for Computer and Information Science and Engineering	Planning IUCRC University of Connecticut: Center for Hardware and Embedded Systems Security and Trust (CHEST)	03/09/2018	15,000
Zhang, Liang	DOC/National Institute of Standards and Technology (NIST)	Transient Analysis - Enabled Real-Time Production Diagnosis, Prognosis, and Control for Smart Manufacturing: Theory and Application	03/22/2018	161,427
Eversource Energy Center			3 Awards	574,737
Parent, Jason R	Eversource	Substation Physical Security - Detection of UAVs (Phase I)	02/05/2018	150,000
Shen, Xinyi	Housatonic Valley Association	Planning for Climate Resilient and Fish-Friendly Road/Stream Crossings	03/28/2018	25,000
Zhang, Peng	DOE/Brookhaven National Laboratory	Formal Analysis for Dynamic Stability Assessment of Large Interconnected Grids under Uncertainties	02/14/2018	399,737
Mechanical Engineering			7 Awards	1,421,283
Jordan, Eric H	United Technologies-Pratt & Whitney	CMAS Gradient Rig	02/08/2018	150,000
Cetegen, Baki	United Technologies-Pratt & Whitney	Studies on Premixed reacting Jets in Vitiated Crossflow: Study of Effects of Flame Attachment with Emphasis on Combustor Durability	02/01/2018	69,978
Jordan, Eric H	United Technologies-Pratt & Whitney	Direct Heat Flux measurement of TBC with MW & LW IR cameras	02/23/2018	75,336
Li, Ying	NSF/CISE/Directorate for Computer and Information Science and Engineering	CRII: OAC: A Hybrid Finite Element and Molecular Dynamics Simulation Approach for Modeling Nanoparticle Transport in Human Vasculature	02/21/2018	174,999
Norato Escobar, Julian A	NSF/National Science Foundation	CAREER: Incorporating Geometric Rules and Cost in Topology Optimization for Efficient Design of Near-Manufacturable Structures	03/12/2018	500,000
Sung, Chih-Jen	University of Hartford	AIAA Rocketry	02/01/2018	1,000
Zhao, Xinyu	DOD/Air Force/Air Force Office of Scientific Research	ζPocketsζ in highly turbulent premixed flames: physics and implications on modeling	03/15/2018	449,970
UTC Institute for Advanced Systems Engineering			5 Awards	965,243
Gupta, Shalabh	United Technologies-Corporate Headquarters	Reconfigurable Aerospace Systems for Reliability and Performance	01/16/2018	126,338
Duggirala, Parasara S	United Technologies-Corporate Headquarters	Testing Based Approaches for Validation and Verification of Cyber-Physical Systems	01/16/2018	64,798
Dani, Ashwin	United Technologies-Corporate Headquarters	Learning Physics from Machines: Physics-Informed Machine Learning	01/16/2018	143,193
Chen, Xu	NSF/ENG/Directorate for Engineering	CAREER: Adding to the Future: New Regimes of Modeling and Controls for Quality Layered Energy Deposition in Additive Manufacturing	03/15/2018	500,000
Bollas, Georgios	United Technologies Corporation (UTC)	Robust Active Fault Detection and Isolation in Aerospace Applications of Thermal Fluid Systems	01/16/2018	130,914
School of Pharmacy			3 Awards	\$79,652
Pharmaceutical Sciences			1 Awards	35,000
Chaudhuri, Bodhisattwa	Pharmaceutical Research & Manufacturers of America (PhRMA) Foundation	Experimentally Validated Computational Modeling of Pharmaceutical Manufacturing Processes of Solid Dosage Forms	03/22/2018	35,000
Pharmacy Practice			2 Awards	44,652
Rickles, Nathaniel M	Patient-Centered Outcomes Research Institute (PCORI)/University of Connecticut Health Center	3D Team Care for Cognitively Vulnerable Older Adults	03/15/2018	4,652
Rickles, Nathaniel M	Community Pharmacy Foundation	Enhancing Mental Health Care through Community Pharmacist's Administration of Long-Acting Injectable Antipsychotics (LAIA)	03/05/2018	40,000

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
School of Social Work			3 Awards	\$84,872
School of Social Work			3 Awards	84,872
Lin, Hsiu-Ju	DHHS/FDA/Food and Drug Administration/Yale University	Linking Data Sources to Elucidate Non-Fatal and Fatal Opioid-Related Overdose Epidemiology and the Role of FDA-Regulated Products	02/09/2018	30,000
Parr, Kathryn E	CT Department of Children and Families/University of Connecticut Health Center	RSVP 2018	01/25/2018	24,872
Rodis, Eleni T	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	Connecticut's Critical Time Investment Plus	01/16/2018	30,000
Academic and Service Programs			1 Awards	\$6,000
Waterbury Campus			1 Awards	6,000
DeMerell, Fiona	Connecticut Community Foundation	The Greening of Waterbury	01/02/2018	6,000
Vice President for Research			12 Awards	\$3,495,426
Institute for Collaboration on Health, Intervention and Policy			6 Awards	2,223,631
Lepley, Lindsey	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases	Influence of Eccentric Exercise on Muscle and Joint Health after ACL Injury	03/09/2018	707,260
McCaffery, Jeanne	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases	Salivary Amylase Gene (AMY1) as a Predictor of Weight and Diet in Look AHEAD and DPP	02/09/2018	150,807
Pagoto, Sherry	DHHS/NIH/National Institutes of Health	Using a Narrative-Based Approach to Reducing Indoor Tanning	02/27/2018	383,072
Park, Crystal	Templeton (John) Foundation	Development and Validation of a Measure of Implicit and Explicit Religious Beliefs	02/02/2018	234,800
Schwartz, Marlene B	Feeding America	Promoting Foods to Encourage in Feeding America Food Banks	01/10/2018	49,495
Waring, Molly	DHHS/NIH/National Heart, Lung, and Blood Institute	Delivering a Post-Partum Weight Loss Intervention via Facebook vs In-Person Groups: A Feasibility Pilot Trial	01/11/2018	698,197
Institute of Materials Science			2 Awards	432,119
Lin, Yao	NSF/MPS/Directorate for Mathematical and Physical Sciences	Material Properties of Complex Macromolecules Containing Synthetic Polyamino Acids	02/21/2018	367,119
Hebert, Rainer J	United Technologies-Pratt & Whitney	Computational and Experimental Studies of Laser-powder Interactions for Additive Manufacturing	03/06/2018	65,000
Sea Grant College Program			4 Awards	839,676
Deguisse, Sylvain	EPA/Long Island Sound Office/New York Sea Grant	New York Sea Grant Partial Support for 2017-2019 EPA LISS Research Projects (Lawrence and Whitney)	03/22/2018	259,919
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2018 - Farr	01/10/2018	61,500
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Knauss Fellowship 2018 - Czerwinski	01/31/2018	61,500
Deguisse, Sylvain	DOC/NOAA/National Oceanic and Atmospheric Administration	Connecticut Sea Grant 2018-2022 Omnibus	03/01/2018	456,757
University of Connecticut - Storrs & Regional			113 Awards	\$22,872,569
School of Dental Medicine			4 Awards	\$1,684,753
Dental Medicine Dean			2 Awards	1,599,561

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Aseltine, Robert	DHHS/CMS/CMMS/CT OHA	State Innovation Model Quality Scorecard	02/01/2018	725,948
Aseltine, Robert	DHHS/CMS/CMMS/CT OHA	State Innovation models/Round Two of Funding for Design and Test Assistance	02/01/2018	873,613
Oral Health and Diagnostic Sciences			1 Awards	50,000
Lalla, Rajesh	International Association for Dental Research	Novel Long-Acting Topical Anesthetic Product for Oral Mucositis Pain	03/07/2018	50,000
Reconstructive Sciences			1 Awards	35,192
Kalajzic, Ivo	DHHS/NIH/NIDDK/Harvard Medical School	PTH resistance and marrow adipogenesis	01/23/2018	35,192
School of Medicine			43 Awards	\$27,738,339
Calhoun Cardiology Center - CCC			1 Awards	108,393
Rash, Carla	CT DPH/Yale University	A Reinforcement Approach to Increase Use of CGM	02/21/2018	108,393
Cell Biology			1 Awards	100,000
Smilowitz, Henry	Owens (William and Ella) Medical Research Foundation	Gold Nanoparticle Treatment of Glioma	02/14/2018	100,000
Center for Molecular Medicine			2 Awards	96,160
Nakanishi, Masako	Thetis	Appendix B TP-317 Efficacy Studies in the DSS Colitis Model	03/05/2018	30,283
Rosenberg, Daniel	DHHS/NIH/NIDDK/Thetis Pharmaceuticals	Development of TP-317 for the Induction and Maintenance in Ulcerative Colitis Patients	01/19/2018	65,877
Center for Public Health			1 Awards	290,048
Gould, Bruce	DHHS/CMS/CMMS/CT Office of Health Strategy	State Innovation Models: Round Two of Design and Teting Assistance-CHWs	02/05/2018	290,048
Center for Quantitative Medicine			2 Awards	2,235,114
Agresta, Thomas	DHHS/CMS/CMMS/CT OHA	MOA Between the Office of the Healthcare Advocate and the University of CT Health Center	01/31/2018	538,532
Laubenbacher, Reinhard	DHHS/NIH/NIGMS	Control of Heterogeneous Microbial Communities Using Model-Based Multit-Objective Optimization	02/15/2018	1,696,582
Community Medicine and Health Care			2 Awards	119,007
Ungemack, Jane	Trinity Health of New England/Saint Francis Hospital and Medical Center	UConn Evaluation of Well Being 360-Transforming Communities Initiative	02/14/2018	59,007
Ungemack, Jane	DHHS/ACE/Court Improvement Prgm/CT DCF	Recovery Specialist Voluntary Program (RSVP/RCM) Evaluation year 9a (Federal), 9b (State).	01/10/2018	60,000
Dermatology			2 Awards	16,000
Strober, Bruce	American Academy of Dermatology	2018 AAD Residents Travel and Housing Assistance Program	02/28/2018	4,000
Strober, Bruce	AbbVie	#32210 -2017 AbbVie Grant for Dermatology Residents to use for Travel and Housing Assistance for AAD Annual Meeting	02/05/2018	12,000
Genetics and Developmental Biology			5 Awards	12,501,156
Lee, Se-Jin	DHHS/NIH/NIAMS	Characterization of Myostatin and GDF-11	01/31/2018	1,509,254
Pinter, Stefan	DHHS/NIH/NHLBI	Contributions of sex chromosomal gene homologues in X monosomy	02/20/2018	1,595,000
Beck, Christine	DHHS/NIH/NIGMS	Mechanisms of Repetitive Element Mediated Genomic Rearrangements	03/27/2018	747,000
Graveley, Brenton	DHHS/NIH/NHGRI	A Comprehensive Functional Map of Human Protein-RNA Interactions	02/05/2018	8,624,902

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PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Lavigne, Sharon	OTIS	Reproductive and Environmental Health Network	03/20/2018	25,000
Immunology			2 Awards	2,432,375
Rathinam, Vijay	DHHS/NIH/NIAID	Characterization of Non Canonical Inflammasome-Mediated Release of Alarmins	01/15/2018	438,625
Vanaja, Sivapriya	DHHS/NIH/NIAID	Bacterial Modulation of Non Canonical Inflammasome	01/16/2018	1,993,750
Medicine			3 Awards	2,683,326
Hurley, Marja	DHHS/NIH/NIAMS	FGF2 Isoforms in Bone and Phosphate Homeostasis	01/17/2018	1,595,000
Cavallari, Jennifer	DHHS/CDC/Univ of Mass	Center for Promotion of Health in the New England Workplace	02/23/2018	13,000
Dieckhaus, Kevin	CT DPH	AIDS Health Care and Support Services (Ryan White Part B)	01/28/2018	1,075,326
Molecular Biology & Biophysics			2 Awards	2,042,546
Korzhniev, Dmytro	DHHS/NIH/NIGMS/Northeastern University	Dynamics of Proessivity Clamp Proteins in Bacterial DNA Replication	02/22/2018	766,546
Hoch, Jeffrey	DHHS/NIH/NIGMS	Development and Application of Non-Fourier Method of Biomolecular NMR	01/01/2018	1,276,000
NEAG Cancer Center (SOM)			1 Awards	25,462
Andemariam, Biree	CTDPH/Hospital for Special Care	Sickle Cell Disease and Trait Community Outreach	02/16/2018	25,462
Neuroscience			3 Awards	484,882
Crocker, Stephen	Adelson Medical Research Fdn/UMASS	Synaptic Connectivity and Microglia Dysfunction in Multiple Sclerosis (MS)	01/26/2018	6,382
Mohan, Royce	DHHS/NIH/NEI	PAD4 in Retinal Gliosis	01/25/2018	438,625
Wang, Zhaowen	DHHS/NIH/NINDS/Yale University	Research Agreement with Yale	02/26/2018	39,875
Orthopaedic Surgery			6 Awards	2,410,615
Khan, Yusuf	DHHS/NIH/NIAMS	Transdermal Mechanical Loading for Cell Therapy-Based Bone Repair	03/26/2018	1,758,602
Kia, Cameron	Orthopaedic Research and Education Foundation	Intra-Articular Ketorolac Versus Corticosteroid Versus Hyaluronic Acid for Knee Osteoarthritis	02/23/2018	2,700
Laurencin, Cato	NSF	EFRI BioFlex: Electrically Mediated Complex Tissue Regeneration	02/22/2018	100,000
Mazzocca, Augustus	Arthrex	Arthrex Orthopaedic Research "Sponsorship" 2018	01/02/2018	387,891
Mazzocca, Augustus	Arthrex	Bursa, Tendon, and Stem Cell Testing of the Adhesive and Proliferative Properties of Arthrex's New DBM	01/31/2018	4,867
Mazzocca, Augustus	Arthrex	Sports Medicine Research Fellowship	01/16/2018	156,555
Pediatrics			2 Awards	902,894
Salazar, Juan	DHHS/HRSA/CCSG	Ryan White Part D	01/08/2018	610,073
Salazar, Juan	CT DPH	HIV AIDS Pediatrics and Adolescent Health Care and Support (Ryan White B)	11/22/2017	292,821
Psychiatry			5 Awards	1,057,931
Steffens, David	DHHS/AHRQ/UConn Storrs	Treatment of Depression in Older Adults	03/26/2018	35,000
Bruder, Mary	ed/Department of Education/UMASS	Think College Planning Grant for Connecticut	02/27/2018	25,000
Greene, Carolyn	DHHS/NIH/NICHD	The Transmission of emotional Regulation in Traumatized Families	03/14/2018	637,144
Grasso, Damion	CCMC	Supporting Injury Prevention Center Research	01/17/2018	26,262

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Powell, Wizdom	DHHS/NIH/NIDA	Neighborhood, Daily Stress, Affect Regulation, & Black Male Substance Abuse	01/11/2018	334,525
Traumatology and Emergency Medicine			1 Awards	24,150
McKay, Charles	Denver Health & Hospital Authority	CT Poison Control RADARS Surveillance System, Orders 34 and 35.	01/17/2018	24,150
UConn Center on Aging			2 Awards	208,280
Robison, Julie	CT Department of Social Services	MFP - Money Follows the Person Rebalancing Demonstration/HCBS SURVEY MOA	02/07/2018	84,102
Robison, Julie	DHHS/CMS/CMMS/CT Department of Social Services	MFP - Money Follows the Person Rebalancing Demonstration/TEFT MOA	02/07/2018	124,178
University of Connecticut Health			47 Awards	\$29,423,092
Grand Total			160 Awards	\$52,295,661