



Office of the Vice President for Research

List of Awards Received FY2018 4th Quarter

April 1, 2018 – June 30, 2018

Volume 18.4

Quarterly Award List by Academic Home Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
College of Agriculture, Health and Natural Resources			34 Awards	\$5,088,829
Agricultural and Resource Economics			3 Awards	127,665
Andreyeva, Tatiana	American Heart Association	Tiered Tax Revenue Estimation	04/26/2018	14,892
Andreyeva, Tatiana	World Health Organization	Fiscal policies and a diet: a scoping review of the literature	04/10/2018	21,873
Pomeroy, Robert S	Rare	Creating value for small scale fishers	06/29/2018	90,900
Agriculture and Natural Resources Dean			2 Awards	421,282
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 McIntire-Stennis Cooperative Forestry Research Program	04/04/2018	108,543
O'Neill, Michael P	USDA/Natural Resources Conservation Service/Connecticut Association of Conservation Districts	Agricultural Nutrient Management in the Long Island Sound Watershed	06/08/2018	312,739
Allied Health Sciences			4 Awards	965,866
Bureau, Paul J	CT Department of Labor/University of Connecticut Health Center	Occupational Health Clinics Grant-Occupational Health Clinics	06/14/2018	37,765
Pagoto, Sherry	DHHS/NIH/National Heart, Lung, and Blood Institute	Mentoring in mHealth and Social Networking Interventions for CVD Risk Reduction	04/20/2018	198,145
Pagoto, Sherry	DHHS/NIH/National Heart, Lung, and Blood Institute	RELAX: A Mobile Application Suite Targeting Obesity and Stress	05/03/2018	689,559
Silbart, Lawrence K	Torigen Pharmaceuticals	Characterization of Immune Activation Following Vaccination with Autologous Canine Cancer Cavvines	06/12/2018	40,398
Extension			6 Awards	839,398
Bartholomew, Candace L	EPA/Environmental Protection Agency/eXtension Foundation	UConn extension Pesticide Safety Education Program	05/07/2018	22,775
Dietz, Michael E	DOI/United States Geological Survey	State Water Resources Research Institute Program Fiscal Year 2018 Annual Application	06/19/2018	33,544
Dietz, Michael E	EPA/Environmental Protection Agency/National Fish and Wildlife Foundation	Green Stormwater Infrastructure Rapid Action Plans and Implementation for Communities in a Coastal Connecticut Watershed	04/23/2018	234,712
Fusco-Rollins, Maryann J	National 4-H Council	UCONN 4-H Common Measures 2.0 Challenge Cohort	04/12/2018	108,000
Gray, Sharon S	CT Department of Public Health/University of Connecticut Health Center	Provision of Nutrition Services to Families of Children with Phenylketonuria and other Metabolic Disorders	05/30/2018	39,761
Hirsch, Diane W	DHHS/FDA/Food and Drug Administration/CT Department of Agriculture	Produce Safety MOU with the Connecticut Department of Agriculture	06/19/2018	400,606
Kinesiology			2 Awards	90,084
Casa, Douglas J	CamelBak Products	Hydration App Health Outcomes	04/04/2018	60,000
Casa, Douglas J	Westminster School	Westminster School	05/07/2018	30,084
Natural Resources and the Environment			3 Awards	1,001,839
Helton, Ashley M	NSF/National Science Foundation	Groundwater Discharge of Legacy Nitrogen at the Scale of River Networks: Where are Steam Interface Sediments conduits or Filters?	06/15/2018	696,729
Rittenhouse, Tracy A	NSF/National Science Foundation	Collaborative Proposal: Linking Environmental Challenges to the Likelihood and Severity of Epidemics: A View Through the Shifting Window of Susceptibility	05/04/2018	295,111
Yang, Xiusheng	USDA/National Institute of Food and Agriculture/Vechna Technologies	Stackable Farming for Economically and Environmentally Sustainable Urban Food Production	04/18/2018	9,999
Nutritional Sciences			2 Awards	389,106

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Chun, Ock K	DHHS/NIH/National Institutes of Health	Assessment of Risk of Exposure to Estrogenic Chemicals via Capsule Coffee Consumption	06/14/2018	79,750
Chun, Ock K	FL Department of Citrus	Longitudinal Study Assessing 100% OJ Intake on Anthropometric and Cardiometabolic Indicators and Healthy-Related Behaviors in U.S. Children	04/17/2018	309,356
Pathobiology			2 Awards	181,335
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	04/24/2018	44,335
Smyth, Joan	USDA/Animal and Plant Health Inspection Service	NAHLN VETDX Member Lab Cooperative Agreement 2018	06/28/2018	137,000
Plant Science and Landscape Architecture			10 Awards	1,072,254
Berkowitz, Gerald	NSF/BIO/Directorate for Biological Sciences	Unraveling a New Signaling Pathway for Brassinosteroids: Use of A Novel Biosensor for Localized cAMP Elevation to Link Cyclic Nucleotide, Ca ²⁺ and Plant Steroid Signal Transduction	06/12/2018	600,000
Concklin, Mary E	USDA/National Institute of Food and Agriculture/North Carolina State University	iPiPE: CT Grape Component	04/20/2018	39,125
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	CAES Orchard Survey	06/14/2018	5,000
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	CAES Solanaceous Survey	06/14/2018	5,000
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Cooperative Agricultural Pest Survey (CAPS) for FY 2018	04/23/2018	15,000
Ellis, Donna R	University of Maryland	An Undergraduate Integrated Pest Management (IPM) Training Program for the South and Northeast Regions	05/16/2018	34,150
Guillard, Karl	USDA/National Institute of Food and Agriculture/University of Vermont	Improved N Management for com using aerial Images, Adapt-N, Chemical and biological test, and cover crops	04/09/2018	241,750
Henderson, Jason J	New England Regional Turfgrass Foundation	The Effect of Turfgrass Seed Mixtures, Seeding Rate, and Mowing Timing on Weed Populations in Establishing Pesticide-Free Athletic Fields and Lawn Areas	04/20/2018	65,652
Inguagiato, John C	Cornell University	Exploring Methods to Enhance Biocontrol of Turfgrass Diseases in the Urban Landscape	04/24/2018	24,577
Legrand, Ana	USDA/National Institute of Food and Agriculture/University of Massachusetts, Amherst	Increasing Grower Adoption of Ecologically-Based Pest Management Strategies to Improve Quality and Yield of Brassica Crops	06/14/2018	42,000
College of Liberal Arts and Sciences			47 Awards	\$17,441,280
Anthropology			1 Awards	11,425
Xygalatas, Dimitrios	Templeton (John) Foundation/Arizona State University	Magic, Religion, and Trust Across Cultures	04/17/2018	11,425
Chemistry			6 Awards	1,494,255
Brueckner, Christian	NSF/BIO/Directorate for Biological Sciences	Pyrrrole-Modified Porphyrins - Chromophores of Basic and Applied Interests	06/22/2018	462,909
Gascon, Jose	NSF/MPS/Directorate for Mathematical and Physical Sciences	REU Site: Chemistry at the University of Connecticut	05/16/2018	297,000
He, Jie	American Chemical Society/Petroleum Research Fund	Polymeric Foldamers Containing Multicopper Sites for Phenol Hydroxylation under Aerobic Conditions	06/19/2018	110,000
Hren, Michael	NSF/GEO/Directorate for Geosciences	CAREER: Organic Molecular Paleohypsometry: A New Approach to Quantifying the Topographic History of the Most Rapidly Eroding Mountain Belt on Earth	04/02/2018	506,340
Mani, Tomoyasu	DOE/Brookhaven National Laboratory	Coherence in Charge Pairs for QIS	06/12/2018	18,006

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Suib, Steven L	General Electric/General Electric	GE - Energy	05/31/2018	100,000
Ecology and Evolutionary Biology			3 Awards	1,203,588
Goffinet, Bernard	NSF/BIO/Directorate for Biological Sciences	Collaborative Proposal: Diversity of Physcomitrium Pyriforme in North America and Europe: Significance of Autopolyploidy within a Phylogenomic and Experimental Framework	05/30/2018	605,327
Taylor, Sarah	CT Department of Energy and Environmental Protection	Environmental Review of Impacts to State-Listed Plants from DEEP Projects Implemented on State Lands	06/18/2018	10,217
Yuan, Yaowu	NSF/BIO/Directorate for Biological Sciences	Developmental Genetics of Corolla Tube Formation: A Key Morphological Innovation During Angiosperm Evolution	06/18/2018	588,044
Geography			2 Awards	44,873
Dasgupta, Debanuj	Mellon (Andrew W.) Foundation/Social Science Research Council	Queering Inter-Asian Linkages	05/04/2018	40,000
Park Boush, Lisa	National Geographic Society	Climate and Culture in the Bahamas during the Medieval Climate Organization	05/23/2018	4,873
Human Development and Family Studies			2 Awards	176,823
Russell, Beth S	Connecticut Children's Medical Center	Center for Behavioral Health -- Research Assistant Position (Lincoln)	04/16/2018	38,883
Super, Charles M	DHHS/ACF/Administration for Children and Families/CT Office of Early Childhood	Family Development Training: Effects on Agency Culture and Client Experience	06/01/2018	137,940
Marine Sciences			14 Awards	9,880,244
Baumann, Hannes	DOC/NOAA/National Ocean Service/DOC/NOAA/Stellwagen Bank National Marine Sanctuary	Assessing Processes that Drive Fisheries Productivity on New England Sand Shoals	05/07/2018	183,999
Baumann, Zofia A	Korean Federation for Environmental Movement (KFEM)/Citizens Institute for Environmental Studies (CIES)	Methylmercury and Total Mercury in Antarctic Seawater, Snow and Penguin Tissues	04/13/2018	19,994
Cabaniss, Joseph T	DOC/NOAA/National Marine Fisheries Service	Charter of R/V Connecticut by NOAA to Recover and Deploy Acoustics Recording Units	06/04/2018	70,400
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for ESP Deployment and Recovery	04/17/2018	92,388
Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Skidmore College	Charter of R/V Connecticut by Skidmore College for Equipment Testing	06/05/2018	26,400
Cabaniss, Joseph T	NSF/GEO/Directorate for Geosciences/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Mooring Recovery Deployment	06/29/2018	17,952
Lombardo, Kelly	NSF/GEO/Directorate for Geosciences	CAREER: The Response of Coastal Squall Line Dynamics to Climate Change	04/18/2018	583,701
Matassa, Catherine M	Westport River Watershed Alliance (WRWA)	Identifying the Drivers of Marsh Loss in the Westport River	06/18/2018	8,348
O'Donnell, James	HUD/Department of Housing and Urban Development/CT Department of Housing	The Development of the Connecticut Connections Coastal Resilience Plan	05/11/2018	8,203,323
Randolph, Kaylan L	NASA/Dryden Flight Research Center	A Measurement-Based Characterization of the Hyperspectral Reflectance of Breaking Waves, Subsurface Turbulent Kinetic Energy Dissipation Rates, and Air Entrainment as a Function of Physical Forcing	05/24/2018	200,874
Siedlecki, Samantha A	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Washington	Enhancement of an Existing Ocean Forecast System to Include Ocean Acidification	06/18/2018	17,093
Siedlecki, Samantha A	DOC/NOAA/Oceanic and Atmospheric Research/University of Washington	Downscaled Seasonal Forecasts for Living Marine Resource Management off the US West Coast	06/20/2018	14,945

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Vaudrey, Jamie M	DOC/NOAA/Oceanic and Atmospheric Research/CT Department of Energy and Environmental Protection	UConn Department of Marine Sciences Technical Support Services in Support of the Designation of a CT NERR	04/05/2018	43,356
Whitney, Michael	NSF/GEO/Directorate for Geosciences	Collaborative Research: Mixing of river water into the coastal ocean and the role and structure of the outer edge of the discharge	04/12/2018	397,471
Mathematics			7 Awards	1,084,095
Ben Ari, Iddo	NSA/National Security Agency	REU in Markov Chains	05/08/2018	67,336
Ben Ari, Iddo	NSF/MPS/Directorate for Mathematical and Physical Sciences	Research Workshops, UConn Special Semester in Probability	04/19/2018	49,998
Munteanu, Ovidiu	NSF/MPS/Directorate for Mathematical and Physical Sciences	Analysis of Singularities of the Ricci Flow	05/11/2018	158,151
Vellis, Vyron S	NSF/MPS/Directorate for Mathematical and Physical Sciences	Parametrization, Embedding and Extension Problems in Metric Spaces	05/03/2018	101,610
Weyman, Jerzy	NSF/MPS/Directorate for Mathematical and Physical Sciences	Applications of Representation Theory in Commutative Algebra	04/20/2018	282,000
Xiao, Liang	DOD/NSA/National Security Agency	Connecticut Summer School in Number Theory	04/05/2018	25,000
Xiao, Liang	NSF/MPS/Directorate for Mathematical and Physical Sciences	CAREER: Slopes of P-Adic Modular Forms	06/05/2018	400,000
Physics			3 Awards	995,263
Battersby, Cara	NSF/MPS/Directorate for Mathematical and Physical Sciences	3-D CMZ: Unveiling the Structure of our Galaxy's Central Molecular Zone	06/22/2018	390,315
Tease, Katherine E	NASA/National Aeronautics and Space Administration/University of Hartford	Examining High Redshift Rotation Curve Outside the Local Universe	06/14/2018	5,000
Trallero, Carlos	DOD/Navy/Office of Naval Research	Strong Field Physics with Few-Cycle Pulses in the Long-Wavelength-Infrared	06/06/2018	599,948
Physiology and Neurobiology			3 Awards	1,852,827
Loturco, Joseph J	DHHS/NIH/National Institute of Neurological Disorders and Stroke	Developmental Pathophysiology in Neocortex Caused By Somatic Mutations	04/30/2018	1,757,111
Mulkey, Daniel K	DHHS/NIH/National Heart, Lung, and Blood Institute	Role of P2Y2 in the Regulation of Vascular Tone and Control of Breathing	04/09/2018	38,735
Wang, Li	VA/Connecticut Healthcare System	IPA VA Connecticut Healthcare System_M. Tran	04/08/2018	56,981
Political Science			1 Awards	60,000
Hertel, Shareen	Taylor & Francis Group	The Journal of Human Rights	04/04/2018	60,000
Psychological Sciences			4 Awards	446,560
Barnes-Farrell, Janet L	DHHS/CDC/Centers for Disease Control and Prevention/University of Massachusetts, Lowell	Influence of Work on Aggressive Driving Behaviors: Understanding Mechanisms that Influence Employee Safety during the Commute (Center for the Promotion of Health in the New England Workplace)	05/14/2018	12,024
Barnes-Farrell, Janet L	DOT/Federal Railroad Administration (FRA)/Short Line Safety Institute	Short Line Safety Institute (SLSI)	06/01/2018	80,000
Henning, Robert A	DHHS/CDC/National Institute for Occupational Safety and Health/University of Massachusetts, Lowell	Outreach CORE	04/23/2018	313,691
Salamone, John D	NeuroDetective International (NDI)	Characterization of a Novel Treatment for Parkinsonian Tremor	04/17/2018	40,845
Public Policy			1 Awards	191,327
Brunner, Eric J	Smith Richardson Foundation	The Effect of Attending a Career Technical High School on Employment & Earnings	06/29/2018	191,327

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School of Engineering			52 Awards	\$9,190,414
Biomedical Engineering			9 Awards	1,967,715
Chon, Ki H	DHHS/NIH/National Heart, Lung, and Blood Institute/University of Massachusetts Medical School	Smartwatch Monitoring for Atrial Fibrillation After Stroke	05/15/2018	1,100,791
Chon, Ki H	DOD/Navy/Naval Submarine Medical Research Laboratory/Leidos	Effect of Wakefulness on Auditory Cued Visual Search	05/03/2018	66,282
Hoshino, Kazunori	NSF/National Science Foundation	Micro/Mesoscale Elastography Based on Real-Time 3D Tomography and Cantilever Force Sensing	05/18/2018	360,000
Kaputa, David F	Baystate Medical Center	2018-2019 Clinical Engineering Internship Program at Baystate Medical Center	06/29/2018	93,053
Kaputa, David F	Brigham and Women's Hospital	2018-2019 Clinical Engineering Internship Program at Brigham & Women's Hospital	04/19/2018	47,266
Kaputa, David F	Massachusetts General Hospital	2018-2019 Clinical Engineering Internship Program at Massachusetts General Hospital	05/01/2018	72,630
Kaputa, David F	Rhode Island Hospital	2018-2019 Clinical Engineering Internship Program at Rhode Island Hospital-Lifespan #2 - Megan Powell	05/02/2018	35,681
Kaputa, David F	Rhode Island Hospital	2018-2019 Clinical Engineering Internship Program at Rhode Island hospital-Lifespan #1	05/02/2018	72,882
Kaputa, David F	UMass Memorial Medical Center	2018-2019 Clinical Engineering Internship Program at UMass Memorial Medical Center	04/19/2018	119,130
Chemical and Biomolecular Engineering			5 Awards	1,525,881
Burkey, Daniel D	University of Connecticut Health Center	Pre-College Enrichment Program	06/20/2018	62,709
Ma, Wing Kui Anson	NSF/National Science Foundation	Phase I IUCRC: University of Connecticut: Center for Science of Heterogeneous Additive Printing of 3D Materials (SHAP3D)	06/25/2018	750,000
McCutcheon, Jeffrey R	DOI/Department of the Interior	Developing Module-System Performance Relationships for Forward Osmosis System	06/20/2018	149,965
Parnas, Richard S	REA Resource Recovery Systems	Critical Infrastructure: A National Security and Environmental Quality Double Play	05/21/2018	63,207
Wagstrom, Kristina	NSF/National Science Foundation	CAREER: Engaging Communities to Bridge the Local to Regional Gap in Air Pollution Exposure Assessment	04/27/2018	500,000
Civil and Environmental Engineering			8 Awards	478,336
Bagtzoglou, Amvrossios C	EPA/Environmental Protection Agency/CT Department of Public Health	Environmental Engineering Internships	04/24/2018	42,000
Christenson, Richard	DOD/Department of Defense/Electric Boat Corporation	System Identification and Testing of a Magnetorheological (MR) Fluid Damper	06/28/2018	49,950
Jackson, Eric D	CT Department of Transportation	2018/2019 Northeast Connected and Autonomous Vehicle Summit	04/03/2018	11,264
Jackson, Eric D	DOT/Department of Transportation/CT Department of Transportation	2018/2019 Northeast Connected and Autonomous Vehicle Summit	04/03/2018	45,053
Jackson, Eric D	DOT/Department of Transportation/CT Department of Transportation	Hardware and Software Support for the CT DRE Program	04/19/2018	61,393
Kim, Jeongho	United Technologies-Pratt & Whitney	Development of LS-Dyna MAT 162 and MAT 261 Material Parameters for Tri-Axially Braided Composite Material using the LS-OPT Design Optimization Capability	05/17/2018	59,849

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Li, Baikun	USAID/US Agency for International Development/National Academy of Sciences	New Generation of Microbial Cultures to Improve Food Quality and Safety	04/04/2018	182,400
Zhu, Jin	University of Texas, Austin/Construction Industry Institute	PUI-01 - Identifying and Evaluating the Impacts of Regulations throughout the Project Lifecycle	04/12/2018	26,427
Computer Science and Engineering			3 Awards	857,996
Khan, Mohammad M	NSF/CISE/Directorate for Computer and Information Science and Engineering	CAREER: The Role of Emotion and Social Motives in Communicating Risk: Implications for User Behavior in the Cyber Security Context	04/24/2018	559,786
Russell, Alexander	Input Output HK (IOHK)	IOHK Project	06/07/2018	23,312
Russell, Alexander	NSF/CISE/Directorate for Computer and Information Science and Engineering	AF: Medium: Collaborative Research: Quantum-Secure Cryptography	04/26/2018	274,898
Connecticut Transportation Institute			2 Awards	321,668
Mahoney, James M	DOT/Federal Highway Administration (FHWA)/CT Department of Transportation	Evaluation of Wet Weather Crash Locations and Conducting Pavement Friction in Selected Locations	06/14/2018	230,316
Shea, Donna	CT Department of Transportation	Connecticut Transportation Technology Transfer Center	06/06/2018	91,352
Electrical and Computer Engineering			12 Awards	1,893,051
Bar-Shalom, Yaakov M	DOD/Air Force/Department of the Air Force/Matrix Research	Highly-Maneuvering Obscured Target Extraction with OTHR	04/05/2018	550,000
Bar-Shalom, Yaakov M	DOD/Navy/Naval Surface Warfare Center	Sensor Fusion for Radar and EO Sensors Indian Head	06/01/2018	293,600
Bazzi, Ali	IMCORP	Noise-free Inverter	05/01/2018	44,636
Bragin, Mikhail A	ABB	Efficient Network Constrained Unit Commitment: A Parallelized Surrogate Absolute-Value Lagrangian Relations + Branch-and-Cut Approach	05/02/2018	85,058
Cao, Yang	General Electric	Computation of Gas Dynamics in Low Voltage Circuit Breakers	06/19/2018	100,000
Cao, Yang	Komatsu	Research on Electrical Insulation of Mechanism of Composite Molding Material for Rotating Machines	05/10/2018	50,000
Cao, Yang	NASA/National Aeronautics and Space Administration/United Technologies-Research Center	Partial Discharge Investigation for High Voltage DC (HVDC) Aerospace Electrical Systems	04/06/2018	100,000
Javidi, Bahram	DOD/Air Force/Air Force Office of Scientific Research	Passive Multidimensional Imaging and Recognition with Multiple Degrees of Freedom under Fixed Resource Constraints	06/04/2018	390,000
Khan, Omer	NSF/National Science Foundation	NSF Student Travel Grant for the 2018 IEEE International Conference on Computer Design (ICCD)	06/27/2018	20,000
Khan, Omer	NXP Semiconductors Netherlands B.V.	Exploring Performance, Resiliency and Safety Tradeoffs for ADAS Applications on Quarc	04/11/2018	50,000
Zhang, Peng	DOE/Brookhaven National Laboratory	Assess the Impact and Evaluate the Response to Cybersecurity Issues (AIERCI)	05/30/2018	59,757
Zhang, Peng	Eversource	Modeling, Analysis and Anomaly Detection for Cyber Secure Eversource Power Distribution Networks: Phase 1	04/24/2018	150,000
Engineering Dean			2 Awards	197,500
Accorsi, Michael L	CTNext/Town of Groton, CT	Undersea Supply Chain Consortium Project	04/25/2018	97,500
Bozorgmanesh, Hadi	Connecticut Innovations	The Third Bridge	04/06/2018	100,000
Materials Science and Engineering			4 Awards	872,932
Alpay, Pamir	United Technologies-Aerospace Systems	UTAS Center for Excellence	05/25/2018	150,000

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Carter, Clive B	NSF/MPS/Directorate for Mathematical and Physical Sciences	GOALI: Mechanisms of Lithiation and Delithiation Reactions in Layered Materials Combining TEM and Atomic Scale Modeling	06/01/2018	441,402
Huey, Bryan	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases/University of Connecticut Health Center	Transdermal Mechanical Loading for Cell Therapy-Based Bone Repair	06/18/2018	241,530
Singh, Prabhakar	DOE/Department of Energy/Giner	Development of Advanced Materials for Alkaline Electrochemical Systems	04/05/2018	40,000
Mechanical Engineering			7 Awards	1,075,335
Faghri, Amir	NSF/National Science Foundation	Integration of Heat Pipes in Gas Turbines using Artificial Intelligence and Additive Manufacturing	06/05/2018	149,013
Pierce, David M	Unilever	UConn-Unilever 3-D skin wrinkle model	05/09/2018	34,384
Pierce, David M	Unilever	UConn-Unilever 3-D skin wrinkle model	05/09/2018	74,965
Sung, Chih-Jen	AECC Hunan Aviation Powerplant Research Institute	Development of Comprehensive Fuel Injection and Combustion Models	04/23/2018	799,970
Sung, Chih-Jen	Beihang University	Smoke Point and Threshold Soot Index Study of Conventional and Alternative Jet Fuel Blends	05/25/2018	10,003
Zhao, Xinyu	NASA/National Aeronautics and Space Administration/University of Hartford	Advanced Rotocraft Aeromechanics Research	05/08/2018	6,000
Zhao, Xinyu	NASA/National Aeronautics and Space Administration/University of Hartford	Advanced Rotocraft Aeromechanics Research	05/08/2018	1,000
School of Nursing			3 Awards	\$8,195,984
School of Nursing			3 Awards	8,195,984
Baumbauer, Kyle M	DHHS/NIH/National Institute of Neurological Disorders and Stroke	Targeting ASIC3 to Disrupt Nociceptor Sensitization Following Spinal Cord Injury	05/14/2018	433,579
Fontes, Alan	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of Health Strategy	CDAS Solution Architecture	04/24/2018	7,742,405
Polifroni, Elizabeth C	American Association of Colleges of Nursing	2018-2020 UConn Jonas Scholars	06/14/2018	20,000
School of Pharmacy			8 Awards	\$989,072
Pharmaceutical Sciences			4 Awards	639,625
Aneskievich, Brian J	American Foundation for Pharmaceutical Education	Soluble Epidermal Growth Factor Receptor Isoforms: Functional Roles and Potential Therapeutic Application in Rheumatoid Arthritis	06/04/2018	5,000
Bahal, Raman	Cooley's Anemia Foundation	New Generation Site Specific Genome Editing of Hematopoietic Stem Cells for Beta Thalassemia Gene Therapy	05/21/2018	32,500
Wiemer, Andrew	American Cancer Society	Synthesis of Phosphoantigens for Gamma-Delta T Cell Stimulation	04/17/2018	163,500
Wright, Dennis	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Targeting Glycolytic Enzymes as an Antibacterial Strategy	06/13/2018	438,625
Pharmacy Practice			4 Awards	349,447
Gernant, Stephanie A	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/ProHealth Physicians	Improving Chronic Disease Management with Pieces (ICD-Pieces)	06/14/2018	36,438
Jeffery, Sean M	Main Street Community Foundation/Hartford Healthcare	Senior Care Continuum Expansion	05/21/2018	20,000
Smith, Marie A	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of Health Strategy	CT SIM Project Management Office -- Primary Care Modernization Initiative	05/18/2018	11,941
Wang, Fei	CT Department of Public Health	Best Practices in Tobacco Use Prevention and Control	06/19/2018	281,068

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School of Social Work			3 Awards	\$6,894,603
School of Social Work			3 Awards	6,894,603
Heller, Nina R	CT Department of Social Services	Agreement between the University of Connecticut School of Social Work and the Department of Social Services	06/29/2018	6,692,302
Lin, Hsiu-Ju	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	DIG Program Evaluation and Analysis	05/29/2018	153,551
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	06/28/2018	48,750
Academic and Service Programs			1 Awards	\$151,072
Global Affairs			1 Awards	151,072
Pietro, Roy E	Department of Higher Education and Training Republic of South Africa/University of Fort Hare	Visiting Scholars from South Africa	06/20/2018	151,072
Vice President for Research			5 Awards	\$1,674,271
Institute for Collaboration on Health, Intervention and Policy			2 Awards	169,146
Butler, Lisa M	DHHS/NIH/National Institute of Mental Health/Brigham and Women's Hospital	Standing Tall - A Pilot Randomized Controlled Trial of a Community-Based Intervention to Improve Health Outcomes for Newly Diagnosed HIV-Positive Young Adults in South Africa	06/29/2018	69,146
Butler, Lisa M	Gates (Bill and Melinda) Foundation	Optimizing mother & child health and development in Botswana	04/27/2018	100,000
Institute of Materials Science			1 Awards	31,560
Jankovic, Jasna	OverDrive Fuel Cell Engineering	Investigation of Failure Modes for Fuel Cells using Electron and X-ray Imaging Techniques	04/20/2018	31,560
Tech Park			1 Awards	5,000
Luciani, Joseph M	McCooe, Matthew	Product Design and Development for the Toothpaste Dispensing Experience	04/11/2018	5,000
Vice President for Research			1 Awards	1,468,565
Gallo, Gregory J	CTNext	Connecticut Intercollege Partnership for Technology Transfer	04/05/2018	1,468,565
University of Connecticut - Storrs & Regional			153 Awards	\$49,625,525
School of Dental Medicine			5 Awards	\$197,720
Craniofacial Sciences			2 Awards	157,720
Spoto, Michelle	DHHS/NIH/National Institutes of Health	Molecular Mechanisms Underlying Transition to Virulence in Staphylococcus Epidemidis	05/29/2018	127,720
Yadav, Sumit	American Association of Orthodontists Foundation	Mechanism of Anti-TGF Beta for the Treatment of the Mandibular Condylar Carilage in Osteogenesis Imperfecta	05/16/2018	30,000
Reconstructive Sciences			3 Awards	40,000
Azami, Niloufar	American Association of Orthodontists Foundation	The Effects of Biologics on Retention in an Orthodontic Relapse Model	03/08/2018	5,000
Dutra, Elaine	American Association of Orthodontists Foundation	BMP2 Mediated Anabolic Effect of Intermittent PTH on the Mandibular Condylar Cartilage	03/08/2018	20,000
Kelly, Robert	Sjogren's Syndrome Fdn	Artificial Salivary Gland Dental Implant Foundation	06/19/2018	15,000

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

Quarterly Award List by Academic Home Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
School of Medicine			76 Awards	\$24,242,797
Calhoun Cardiology Center - CCC			3 Awards	2,240,811
Gildart, Moriah	American Heart Association	Regulation of Ryanodine Receptor Released Perinuclear Calcium by the mkAP Complex	05/10/2018	53,688
Hinson, John	DHHS/NIH/National Institutes of Health	Comprehensive Analysis of Allelic, Cellular and Molecular Heterogeneity in Human 3-Dimensional Cardiac Microtissues with MYH7 Mutations	06/24/2018	2,149,123
Hinson, John T	Hughes (Howard) Medical Institute	Assessing Pathogenicity of Beta-Myosin Heavy Chain Gene Variants Using Human Stem Cell	04/03/2018	38,000
Cell Biology			6 Awards	3,292,276
Epstein, Paul	Smart Family Foundation	BDE8 as a Biomarker and Treatment Target for Leukemia	03/22/2018	25,000
Jaffe, Laurinda	ImpactAssets	Signaling by luteinizing hormone in the ovarian follicle	05/24/2018	83,160
Laubenbacher, Reinhard	DHHS/NIH/National Institutes of Health	Multiscale Modeling of the Battle Over Iron in Invasive Lung Infection	06/27/2018	3,014,116
Laubenbacher, Reinhard	MayDay Fund/UConn Foundation	Connecticut Pain Consortium	03/21/2018	55,000
Laubenbacher, Reinhard	NSF/National Science Foundation	EAGER: Modular Design of Multiscale Models, with an Application to the Innate Immune Response to Fungal Respiratory Pathogens	04/24/2018	90,000
Smilowitz, Henry	Musella Foundation For Brain Tumor Research and Information	Can iodine nanoparticle enhanced radiation therapy increase the efficacy of temozolomide therapy? A preclinical study.	06/19/2019	25,000
Community Medicine and Health Care			4 Awards	192,265
Gelbar, Nicholas	DHHS/ACL/Administration for Community Living /CT Council on Developmental Disabilities	University of Connecticut, University Cntr for Excellence in Developmental Disabilities & CT Council on Developmental Disabilities MOU	05/11/2018	37,488
McRee, Bonnie	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration /CT Department of Children and Families	Adolescent-Screening, Brief Intervention, and Referral to Treatment (A-SBIRT) Training Expansion	04/16/2018	94,777
Ungemack, Jane	CT Department of Children and Families	Recovery Specialist Voluntary Program (RSVP/RCM) Evaluation year 10b (State)	06/20/2018	40,000
Ungemack, Jane	DHHS/ACF/Administration for Children and Families /CT Department of Children and Families	Recovery Specialist Voluntary Program (RSVP/RCM) Evaluation year 10a (Federal)	06/20/2018	20,000
Dermatology			5 Awards	317,464
Strober, Bruce	AbbVie	Research Fellowship Grant 33011	06/28/2018	40,000
Strober, Bruce	Eli Lilly and Company	A Multicenter, Randomized, Double Blind, Placebo Controlled, Phase 3 Study to Evaluate the Efficacy and Safety of Baricitnib in Adult Patients with Moderate to Severe Atopic Dermatitis (BREEZE-AD5).	06/04/2018	69,454
Strober, Bruce	Galderma Laboratories	A randomized, double-blind, multi-centre, placebo-controlled, parallel-arm phase 2 trial to assess safety, efficacy and pharmacokinetics of CD11301 0.03% and 0.06% gel in the treatment of Cutaneous T-Cell Lymphoma (CTCL), stages IA, IB and IIA.	04/23/2018	109,010
Strober, Bruce	Janssen Biotech	Research Fellowship Grant Support	04/18/2018	49,000
Strober, Bruce	National Psoriasis Foundation	Skin Microbiome of Inverse Psoriasis	06/13/2018	50,000
Family Medicine			1 Awards	1,000
Henderson, David	Gold (Arnold P.) Foundation for Humanism in Medicine	Leonard Tow Humanism in Medicine Awards	06/19/2018	1,000
Genetics and Developmental Biology			6 Awards	3,684,576

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Quarterly Award List by Academic Home Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Carmichael, Gordon	Connecticut Innovations	UConn-Wesleyan Stem Cell Core	05/29/2018	500,000
Chamberlain, Stormy	NSF/National Science Foundation/University of Connecticut	NRT-UtB-DESE: Science of learning, from neurobiology to real-world application: a problem-based approach	04/02/2018	46,138
Graveley, Brenton	NIH/NHGRI	A Comprehensive Functional Map of Human Protein-RNA Interactions	06/20/2018	453,942
Gunzl, Arthur	DHHS/NIH/National Institutes of Health	Gene Expression control by trypanosome cyclin-dependent kinase CRK9	04/06/2018	426,581
Li, James	DHHS/NIH/National Institutes of Health	Molecular Regulation of Lineage Specification of the Mouse Cerebellum	06/14/2018	2,030,357
Tucker, Joseph W	CT Department of Public Health	Genetics Screening Program	02/23/2018	227,558
Immunology			5 Awards	2,752,625
Adler, Adam J	DHHS/NIH/National Institutes of Health	Test if Anti-Tumor T Cells Use a Putative Super-Enhancer in the Il1r12-Il1r11 Intergenic Region to Promote "innate-like" response to cytokines	05/04/2018	438,625
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	IRAK4 and Systemic Lupus Erythematosus	06/13/2018	1,595,000
Slovak, Ryan J	Society of Interventional Radiology Foundation	Augmenting the Anti-Cancer Immune Response Against Colorectal Cancer With Combination Immuno-Thermal Ablations	05/16/2018	4,000
Srivastava, Pramod	Truvax, Inc.	Neopeptides for Cancer Therapy	06/28/2018	700,000
Wang, Kepeng	CaroGen	CaroGen Related to UConn Innovation Fund and 2016-0495 Fund 601203	04/20/2018	15,000
Medicine			18 Awards	4,747,231
Andemariam, Biree	DHHS/HRSA/Health Resources and Services Administration/Mount Sinai School of Medicine)	Region Comprehensive Hemophilia Program	05/18/2018	20,672
Andemariam, Biree	Patient-Centered Outcomes Research Institute (PCORI)/Children's Hospital of Philadelphia	Community Health Workers and Mobile Health for Emerging Adults Transitioning Sickle Cell Disease Care (COMETS Trial)	06/22/2018	311,102
Chirch, Lisa	DHHS/HRSA/Health Resources and Services Administration/University of Massachusetts Medical School	ACCESS	05/16/2018	26,805
Dieckhaus, Kevin	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	Ryan White Part A Minority AIDS Initiative (MAI) (2 parts/funds Outpatient Ambulatory and Tx Adherence)	05/09/2018	89,364
Hurley, Marja	NIH/NIAMS	FGF2 Isoforms in Bone and Phosphate Homeostasis	04/18/2018	31,900
Kim, Insoo	Connecticut Innovations	Development of electronic hearing protection devices to distinguish desired speech and warning signals from noise	11/14/2017	29,998
Kim, Insoo	Honda R&D Americas	Pilot Study on In-Vehicle Controls Using Brain Computer Interface Technology	04/24/2018	49,996
Kuchel, George	CT Office of Policy and Management	MOU Between Center on Aging and Office of Policy and Management	05/21/2018	54,010
Kuchel, George	DHHS/NIH/National Institutes of Health/ Washington Uni. St.Louis	Combining Testosterone Therapy and Exercise to Improve Function Post Hip Fracture	06/19/2018	1,131,246
Moore, George	CT Department of Labor	Occupational Health Clinic	04/05/2018	81,177
Petry, Nancy	American Psychology Association	2017 Editor: "Psychology of Addictive Behaviors"	04/02/2018	3,600
Petry, Nancy	American Psychology Association	2018 Editor: "Psychology of Addictive Behaviors"	04/02/2018	3,600
Radolf, Justin	DHHS/NIH/National Institutes of Health	Borrelia burgdorferi Oligopeptide (Opp) Transporter Control of Cellular Homeostasis and Growth	06/13/2018	438,625
Robinson, Elizabeth	DHHS/ACF/CT DCF	Adoption Assistance Program	04/12/2018	2,385,000
Rosenberg, Daniel	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Thetis Pharmaceuticals	Development of TP-252 for Maintenance of Remission in Pediatric Ulcerative Colitis Patients	06/05/2018	45,839

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Quarterly Award List by Academic Home Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Wakai, Sara	DHHS/CDC/Centers for Disease Control and Prevention /CT Department of Public Health	State Public Health Actions ("SHAPE") - Diabetes	05/17/2018	25,000
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health /Washington University, St. Louis	Azithromycin to Prevent Recurrent Wheezing Following Severe RSV Bronchiolitis	05/08/2018	4,597
Zhou, Yanjiao	University of Nebraska	Bioinformatics	06/28/2018	14,700
Molecular Biology & Biophysics			4 Awards	465,761
Setlow, Peter	DOD	Metabolic Activities in Dormant Spores of Bacillus Species	04/11/2018	12,508
Weller, Sandra	Yale University	Obtain Co-Crystal Structures of Inhibitors with One or More of Alkaline Nucleases	04/23/2018	10,000
Weller, Sandy	DHHS/NIH/National Institutes of Health	Oxidation is Trigger for PML Multimerization and Nuclear Body Formation in HSV Infected Cells	05/14/2018	433,253
Weller, Sandy	Yale University	Develop a Simple, Low-Cost 96 Well-Plate Format Assay to Test Antiviral Efficacy of Newly Identify Compounds Against CMV	04/18/2018	10,000
Neuroscience			5 Awards	5,460,209
Martinelli, David	National Multiple Sclerosis Society	The Role of C1QL1 in Oligodendrocyte Maturation	04/30/2018	44,000
Oliver, Douglas	DOD/Army/Army Medical Research Acquisition Activity	Development of Objective Electrophysiological Tests for Tinnitus Based on Long-Lasting After-discharges in the Inferior Colliculus	05/01/2018	2,756,408
Yan, Riqiang	DHHS/NIH/National Institute of Neurological Disorders and Stroke	BACE1 in neurodegeneration and neuronal dysfunction	06/12/2018	1,599,575
Yan, Riqiang	DHHS/NIH/National Institutes of Health	Roles of Reticulon Proteins in Neurodegenerative Disorder	06/29/2018	860,226
Yan, Riqiang	MetLife/American Federation for Aging Research	MetLife Award through AFAR	03/02/2018	200,000
Obstetrics and Gynecology			1 Awards	750
Grow, Daniel	New England Fertility Society	During IVF, At what P Level on day of trigger should we recommend freeze only as opposed to fresh embryo transfer?	04/06/2018	750
Orthopaedic Surgery			7 Awards	270,785
Arciero, Robert	DJO Global	DJO Cross Fellowship	04/27/2018	35,000
Arciero, Robert	DOD/Department of Defense/University of Pittsburgh	Surgical Timing and Rehabilitation (STaR) for Multiple Ligament Knee Injuries (MLKIs):A Multicenter Integrated Clinical Trial	04/05/2018	13,886
Laurencin, Cato	DHHS/NIH/NIBIB/UConn Storrs	Bionic Self-Stimulating Cartilage	06/12/2018	121,519
Laurencin, Cato	DHHS/NIH/National Institutes of Health	A Novel Approach Towards Hard Nail Tissue Regeneration	04/20/2018	94,902
Mazzocca, Augustus	Arthrex	Before and After Clinical Video of New DBM	04/12/2018	1,132
Mazzocca, Augustus	Arthrex	Post-Hydration of Arthrex's new DBM	04/12/2018	2,173
Mazzocca, Augustus	Arthrex	Pre-Hydration of Arthrex's new DBM	04/12/2018	2,173
Pediatrics			6 Awards	509,961
Hollenbach, Jessica	Patterson Trust/Connecticut Children's Medical Center	Interrogating the Placental Microbiome Among Pregnant Women with Asthma	06/05/2018	2,000
Matson, Adam	Connecticut Children's Medical Center	Neonatal Microbiome Project-Stevenson Fund	05/01/2018	25,000
Salazar, Juan	CT Department of Public Health	CT DPH HIV Prevention Interventions-POL/WILLOW	12/22/2017	128,335
Salazar, Juan	DHHS/Office of Adolescent Health /City of Hartford	Hartford Teenage Pregnancy Prevention Initiative (HTTP) Community Mobilization	04/10/2018	5,000

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Quarterly Award List by Academic Home Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Salazar, Juan	DHHS/Office of Adolescent Health/City of Hartford, CT	Hartford Teenage Pregnancy Prevention Initiative (HTTP) Evidence Based Intervention Partners	04/10/2018	15,000
Weinstein, David A	Ultragenyx Pharmaceutical	A Phase 1/2, Open-Label Safety and Dose-Finding Study of Adeno-Associated Virus (AAV) Serotype 8 (AAV8)-Medicated Gene Transfer of Glucose-6-Phosphatase (G6Pase) in Adults with Glycogen Storage Disease Type 1a (GSD1a)	05/18/2018	334,626
Psychiatry			3 Awards	238,577
Briggs-Gowan, Margaret	DHHS/NIH/National Institutes of Health /Northwestern University	The When to Worry about Language Study (W2W-L): Joint consideration of developmental patterning and neural....	06/22/2018	55,861
Connor, Daniel	DHHS/ACF/Administration for Children and Families/CT Judicial Branch	Quality Assurance of the Mental Health Education Services fro the Juvenile Justice System	04/03/2018	7,500
Goetjen, Alexandra	DHHS/NIH/National Institutes of Health	GABRA2 genetic variants and chromosome conformation in induced pluripotent stem cell-derived neural cells	06/25/2018	175,216
Surgery			1 Awards	8,506
Sharafieh, Roshanak	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Wayne State University	Development of Blood Biomarkers for Clinical Management of Diabetic Foot Ulcers	06/18/2018	8,506
Traumatology and Emergency Medicine			1 Awards	60,000
McKay, Charles	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Agreement between CT DPH and UConn Health -CT Poison Center`	04/27/2018	60,000
University of Connecticut Health			81 Awards	\$24,440,517
Grand Total			234 Awards	\$74,066,042

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Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
College of Agriculture, Health and Natural Resources			29 Awards	\$4,073,461
Agriculture and Natural Resources Dean			1 Awards	108,543
Faustman, Larry C	USDA/National Institute of Food and Agriculture	FY2018 McIntire-Stennis Cooperative Forestry Research Program	04/04/2018	108,543
Allied Health Sciences			2 Awards	78,163
Bureau, Paul J	CT Department of Labor/University of Connecticut Health Center	Occupational Health Clinics Grant-Occupational Health Clinics	06/14/2018	37,765
Silbart, Lawrence K	Torigen Pharmaceuticals	Characterization of Immune Activation Following Vaccination with Autologous Canine Cancer Cavvines	06/12/2018	40,398
Extension			7 Awards	1,152,137
Fusco-Rollins, Maryann J	National 4-H Council	UConn 4-H Common Measures 2.0 Challenge Cohort	04/12/2018	108,000
Gray, Sharon S	CT Department of Public Health/University of Connecticut Health Center	Provision of Nutrition Services to Families of Children with Phenylketonuria and other Metabolic Disorders	05/30/2018	39,761
Bartholomew, Candace L	EPA/Environmental Protection Agency/eXtension Foundation	UConn extension Pesticide Safety Education Program	05/07/2018	22,775
Dietz, Michael E	DOI/United States Geological Survey	State Water Resources Research Institute Program Fiscal Year 2018 Annual Application	06/19/2018	33,544
Dietz, Michael E	EPA/Environmental Protection Agency/National Fish and Wildlife Foundation	Green Stormwater Infrastructure Rapid Action Plans and Implementation for Communities in a Coastal Connecticut Watershed	04/23/2018	234,712
O'Neill, Michael P	USDA/Natural Resources Conservation Service/Connecticut Association of Conservation Districts	Agricultural Nutrient Management in the Long Island Sound Watershed	06/08/2018	312,739
Hirsch, Diane W	DHHS/FDA/Food and Drug Administration/CT Department of Agriculture	Produce Safety MOU with the Connecticut Department of Agriculture	06/19/2018	400,606
Kinesiology			2 Awards	90,084
Casa, Douglas J	Westminster School	Westminster School	05/07/2018	30,084
Casa, Douglas J	CamelBak Products	Hydration App Health Outcomes	04/04/2018	60,000
Natural Resources and the Environment			3 Awards	1,001,839
Rittenhouse, Tracy A	NSF/National Science Foundation	Collaborative Proposal: Linking Environmental Challenges to the Likelihood and Severity of Epidemics: A View Through the Shifting Window of Susceptibility	05/04/2018	295,111
Helton, Ashley M	NSF/National Science Foundation	Groundwater Discharge of Legacy Nitrogen at the Scale of River Networks: Where are Steam Interface Sediments conduits or Filters?	06/15/2018	696,729
Yang, Xiusheng	USDA/National Institute of Food and Agriculture/Vecna Technologies	Stackable Farming for Economically and Environmentally Sustainable Urban Food Production	04/18/2018	9,999
Nutritional Sciences			2 Awards	389,106
Chun, Ock K	DHHS/NIH/National Institutes of Health	Assessment of Risk of Exposure to Estrogenic Chemicals via Capsule Coffee Consumption	06/14/2018	79,750
Chun, Ock K	FL Department of Citrus	Longitudinal Study Assessing 100% OJ Intake on Anthropometric and Cardiometabolic Indicators and Healthy-Related Behaviors in U.S. Children	04/17/2018	309,356
Pathobiology			2 Awards	181,335
Risatti, Guillermo	USDA/Agricultural Research Service	Procine Cytomegaiovirus (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	04/24/2018	44,335

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Smyth, Joan	USDA/Animal and Plant Health Inspection Service	NAHLN VETDX Member Lab Cooperative Agreement 2018	06/28/2018	137,000
Plant Science and Landscape Architecture			10 Awards	1,072,254
Ellis, Donna R	University of Maryland	An Undergraduate Integrated Pest Management (IPM) Training Program for the South and Northeast Regions	05/16/2018	34,150
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	Cooperative Agricultural Pest Survey (CAPS) for FY 2018	04/23/2018	15,000
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	CAES Solanaceous Survey	06/14/2018	5,000
Ellis, Donna R	USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station	CAES Orchard Survey	06/14/2018	5,000
Guillard, Karl	USDA/National Institute of Food and Agriculture/University of Vermont	Improved N Management for com using aertal Images, Adapt-N, Chemical and biological test, and cover crops	04/09/2018	241,750
Berkowitz, Gerald	NSF/BIO/Directorate for Biological Sciences	Unraveling a New Signaling Pathway for Brassinosteroids: Use of A Novel Biosensor for Localized cAMP Elevation to Link Cyclic Nucleotide, Ca2+ and Plant Steroid Signal Transduction	06/12/2018	600,000
Henderson, Jason J	New England Regional Turfgrass Foundation	The Effect of Turfgrass Seed Mixtures, Seeding Rate, and Mowing Timing on Weed Populations in Establishing Pesticide-Free Athletic Fields and Lawn Areas	04/20/2018	65,652
Inguagiato, John C	Cornell University	Exploring Methods to Enhance Biocontrol of Turfgrass Diseases in the Urban Landscape	04/24/2018	24,577
Legrand, Ana	USDA/National Institute of Food and Agriculture/University of Massachusetts, Amherst	Increasing Grower Adoption of Ecologically-Based Pest Management Strategies to Improve Quality and Yield of Brassica Crops	06/14/2018	42,000
Concklin, Mary E	USDA/National Institute of Food and Agriculture/North Carolina State University	iPiPE: CT Grape Component	04/20/2018	39,125
College of Liberal Arts and Sciences			45 Awards	\$9,137,957
Anthropology			1 Awards	11,425
Xygalatas, Dimitrios	Templeton (John) Foundation/Arizona State University	Magic, Religion, and Trust Across Cultures	04/17/2018	11,425
Chemistry			4 Awards	887,915
He, Jie	American Chemical Society/Petroleum Research Fund	Polymeric Foldamers Containing Multicopper Sites for Phenol Hydroxylation under Aerobic Conditions	06/19/2018	110,000
Gascon, Jose	NSF/MPS/Directorate for Mathematical and Physical Sciences	REU Site: Chemistry at the University of Connecticut	05/16/2018	297,000
Mani, Tomoyasu	DOE/Brookhaven National Laboratory	Coherence in Charge Pairs for QIS	06/12/2018	18,006
Brueckner, Christian	NSF/BIO/Directorate for Biological Sciences	Pyrrrole-Modified Porphyrins - Chromophores of Basic and Applied Interests	06/22/2018	462,909
Ecology and Evolutionary Biology			3 Awards	1,203,588
Yuan, Yaowu	NSF/BIO/Directorate for Biological Sciences	Developmental Genetics of Corolla Tube Formation: A Key Morphological Innovation During Angiosperm Evolution	06/18/2018	588,044
Taylor, Sarah	CT Department of Energy and Environmental Protection	Environmental Review of Impacts to State-Listed Plants from DEEP Projects Implemented on State Lands	06/18/2018	10,217
Goffinet, Bernard	NSF/BIO/Directorate for Biological Sciences	Collaborative Proposal: Diversity of Physcomitrium Pyriforme in North America and Europe: Significance of Autopolyploidy within a Phylogenomic and Experimental Framework	05/30/2018	605,327
Geography			2 Awards	44,873

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Park Boush, Lisa	National Geographic Society	Climate and Culture in the Bahamas during the Medieval Climate Organization	05/23/2018	4,873
Dasgupta, Debanuj	Mellon (Andrew W.) Foundation/Social Science Research Council	Queering Inter-Asian Linkages	05/04/2018	40,000
Human Development and Family Studies			2 Awards	176,823
Super, Charles M	DHHS/ACF/Administration for Children and Families/CT Office of Early Childhood	Family Development Training: Effects on Agency Culture and Client Experience	06/01/2018	137,940
Russell, Beth S	Connecticut Children's Medical Center	Center for Behavioral Health -- Research Assistant Position (Lincoln)	04/16/2018	38,883
Integrative Geoscience			1 Awards	506,340
Hren, Michael	NSF/GEO/Directorate for Geosciences	CAREER: Organic Molecular Paleohypsometry: A New Approach to Quantifying the Topographic History of the Most Rapidly Eroding Mountain Belt on Earth	04/02/2018	506,340
Marine Sciences			13 Awards	1,676,921
Whitney, Michael	NSF/GEO/Directorate for Geosciences	Collaborative Research: Mixing of river water into the coastal ocean and the role and structure of the outer edge of the discharge	04/12/2018	397,471
Randolph, Kaylan L	NASA/Dryden Flight Research Center	A Measurement-Based Characterization of the Hyperspectral Reflectance of Breaking Waves, Subsurface Turbulent Kinetic Energy Dissipation Rates, and Air Entrainment as a Function of Physical Forcing	05/24/2018	200,874
Matassa, Catherine M	Westport River Watershed Alliance (WRWA)	Identifying the Drivers of Marsh Loss in the Westport River	06/18/2018	8,348
Lombardo, Kelly	NSF/GEO/Directorate for Geosciences	CAREER: The Response of Coastal Squall Line Dynamics to Climate Change	04/18/2018	583,701
Cabaniss, Joseph T	NSF/GEO/Directorate for Geosciences/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for Mooring Recovery Deployment	06/29/2018	17,952
Cabaniss, Joseph T	NASA/National Aeronautics and Space Administration/Skidmore College	Charter of R/V Connecticut by Skidmore College for Equipment Testing	06/05/2018	26,400
Cabaniss, Joseph T	DOC/NOAA/National Oceanic and Atmospheric Administration/Woods Hole Oceanographic Institution	Charter of R/V Connecticut by WHOI for ESP Deployment and Recovery	04/17/2018	92,388
Cabaniss, Joseph T	DOC/NOAA/National Marine Fisheries Service	Charter of R/V Connecticut by NOAA to Recover and Deploy Acoustics Recording Units	06/04/2018	70,400
Baumann, Zofia A	Korean Federation for Environmental Movement (KFEM)/Citizens Institute for Environmental Studies (CIES)	Methylmercury and Total Mercury in Antarctic Seawater, Snow and Penguin Tissues	04/13/2018	19,994
Baumann, Hannes	DOC/NOAA/National Ocean Service/DOC/NOAA/Stellwagen Bank National Marine Sanctuary	Assessing Processes that Drive Fisheries Productivity on New England Sand Shoals	05/07/2018	183,999
Siedlecki, Samantha A	DOC/NOAA/Oceanic and Atmospheric Research/University of Washington	Downscaled Seasonal Forecasts for Living Marine Resource Management off the US West Coast	06/20/2018	14,945
Siedlecki, Samantha A	DOC/NOAA/National Oceanic and Atmospheric Administration/University of Washington	Enhancement of an Existing Ocean Forecast System to Include Ocean Acidification	06/18/2018	17,093
Vaudrey, Jamie M	DOC/NOAA/Oceanic and Atmospheric Research/CT Department of Energy and Environmental Protection	UConn Department of Marine Sciences Technical Support Services in Support of the Designation of a CT NERR	04/05/2018	43,356
Mathematics			7 Awards	1,084,095
Vellis, Vyrion S	NSF/MPS/Directorate for Mathematical and Physical Sciences	Parametrization, Embedding and Extension Problems in Metric Spaces	05/03/2018	101,610
Xiao, Liang	DOD/NSA/National Security Agency	Connecticut Summer School in Number Theory	04/05/2018	25,000

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PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Ben Ari, Iddo	NSF/MPS/Directorate for Mathematical and Physical Sciences	Research Workshops, UConn Special Semester in Probability	04/19/2018	49,998
Ben Ari, Iddo	NSA/National Security Agency	REU in Markov Chains	05/08/2018	67,336
Munteanu, Ovidiu	NSF/MPS/Directorate for Mathematical and Physical Sciences	Analysis of Singularities of the Ricci Flow	05/11/2018	158,151
Weyman, Jerzy	NSF/MPS/Directorate for Mathematical and Physical Sciences	Applications of Representation Theory in Commutative Algebra	04/20/2018	282,000
Xiao, Liang	NSF/MPS/Directorate for Mathematical and Physical Sciences	CAREER: Slopes of P-Adic Modular Forms	06/05/2018	400,000
Physics			3 Awards	995,263
Battersby, Cara	NSF/MPS/Directorate for Mathematical and Physical Sciences	3-D CMZ: Unveiling the Structure of our Galaxy's Central Molecular Zone	06/22/2018	390,315
Tease, Katherine E	NASA/National Aeronautics and Space Administration/University of Hartford	Examining High Redshift Rotation Curve Outside the Local Universe	06/14/2018	5,000
Trallero, Carlos	DOD/Navy/Office of Naval Research	Strong Field Physics with Few-Cycle Pulses in the Long-Wavelength-Infrared	06/06/2018	599,948
Physiology and Neurobiology			3 Awards	1,852,827
Loturco, Joseph J	DHHS/NIH/National Institute of Neurological Disorders and Stroke	Developmental Pathophysiology in Neocortex Caused By Somatic Mutations	04/30/2018	1,757,111
Wang, Li	VA/Connecticut Healthcare System	IPA VA Connecticut Healthcare System_M. Tran	04/08/2018	56,981
Mulkey, Daniel K	DHHS/NIH/National Heart, Lung, and Blood Institute	Role of P2Y2 in the Regulation of Vascular Tone and Control of Breathing	04/09/2018	38,735
Political Science			1 Awards	60,000
Hertel, Shareen	Taylor & Francis Group	The Journal of Human Rights	04/04/2018	60,000
Psychological Sciences			4 Awards	446,560
Barnes-Farrell, Janet L	DHHS/CDC/Centers for Disease Control and Prevention/University of Massachusetts, Lowell	Influence of Work on Aggressive Driving Behaviors: Understanding Mechanisms that Influence Employee Safety during the Commute (Center for the Promotion of Health in the New England Workplace)	05/14/2018	12,024
Barnes-Farrell, Janet L	DOT/Federal Railroad Administration (FRA)/Short Line Safety Institute	Short Line Safety Institute (SLSI)	06/01/2018	80,000
Salamone, John D	NeuroDetective International (NDI)	Characterization of a Novel Treatment for Parkinsonian Tremor	04/17/2018	40,845
Henning, Robert A	DHHS/CDC/National Institute for Occupational Safety and Health/University of Massachusetts, Lowell	Outreach CORE	04/23/2018	313,691
Public Policy			1 Awards	191,327
Brunner, Eric J	Smith Richardson Foundation	The Effect of Attending a Career Technical High School on Employment & Earnings	06/29/2018	191,327
School of Engineering			46 Awards	\$7,930,870
BECAT			4 Awards	1,318,658
Javidi, Bahram	DOD/Air Force/Air Force Office of Scientific Research	Passive Multidimensional Imaging and Recognition with Multiple Degrees of Freedom under Fixed Resource Constraints	06/04/2018	390,000
Bar-Shalom, Yaakov M	DOD/Air Force/Department of the Air Force/Matrix Research	Highly-Maneuvering Obscured Target Extraction with OTHR	04/05/2018	550,000
Bar-Shalom, Yaakov M	DOD/Navy/Naval Surface Warfare Center	Sensor Fusion for Radar and EO Sensors Indian Head	06/01/2018	293,600

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Bragin, Mikhail A	ABB	Efficient Network Constrained Unit Commitment: A Parallelized Surrogate Absolute-Value Lagrangian Relations + Branch-and-Cut Approach	05/02/2018	85,058
Biomedical Engineering			9 Awards	1,967,715
Kaputa, David F	UMass Memorial Medical Center	2018-2019 Clinical Engineering Internship Program at UMass Memorial Medical Center	04/19/2018	119,130
Kaputa, David F	Rhode Island Hospital	2018-2019 Clinical Engineering Internship Program at Rhode Island hospital-Lifespan #1 Obiananma Nwokike	05/02/2018	72,882
Kaputa, David F	Rhode Island Hospital	2018-2019 Clinical Engineering Internship Program at Rhode Island Hospital-Lifespan #2 - Megan Powell	05/02/2018	35,681
Kaputa, David F	Massachusetts General Hospital	2018-2019 Clinical Engineering Internship Program at Massachusetts General Hospital	05/01/2018	72,630
Kaputa, David F	Brigham and Women's Hospital	2018-2019 Clinical Engineering Internship Program at Brigham & Women's Hospital	04/19/2018	47,266
Kaputa, David F	Baystate Medical Center	2018-2019 Clinical Engineering Internship Program at Baystate Medical Center	06/29/2018	93,053
Hoshino, Kazunori	NSF/National Science Foundation	Micro/Mesoscale Elastography Based on Real-Time 3D Tomography and Cantilever Force Sensing	05/18/2018	360,000
Chon, Ki H	DOD/Navy/Naval Submarine Medical Research Laboratory/Leidos	Effect of Wakefulness on Auditory Cued Visual Search	05/03/2018	66,282
Chon, Ki H	DHHS/NIH/National Heart, Lung, and Blood Institute/University of Massachusetts Medical School	Smartwatch Monitoring for Atrial Fibrillation After Stroke	05/15/2018	1,100,791
Center for Clean Energy Engineering			4 Awards	176,045
Singh, Prabhakar	DOE/Department of Energy/Giner	Development of Advanced Materials for Alkaline Electrochemical Systems	04/05/2018	40,000
Kim, Jeongho	United Technologies-Pratt & Whitney	Development of LS-Dyna MAT 162 and MAT 261 Material Parameters for Tri-Axially Braided Composite Material using the LS-OPT Design Optimization Capability	05/17/2018	59,849
Bazzi, Ali	IMCORP	Noise-free Inverter	05/01/2018	44,636
Jankovic, Jasna	OverDrive Fuel Cell Engineering	Investigation of Failure Modes for Fuel Cells using Electron and X-ray Imaging Techniques	04/20/2018	31,560
Chemical and Biomolecular Engineering			2 Awards	1,250,000
Wagstrom, Kristina	NSF/National Science Foundation	CAREER: Engaging Communities to Bridge the Local to Regional Gap in Air Pollution Exposure Assessment	04/27/2018	500,000
Ma, Wing Kui Anson	NSF/National Science Foundation	Phase I IUCRC: University of Connecticut: Center for Science of Heterogeneous Additive Printing of 3D Materials (SHAP3D)	06/25/2018	750,000
Civil and Environmental Engineering			6 Awards	357,094
Li, Baikun	USAID/US Agency for International Development/National Academy of Sciences	New Generation of Microbial Cultures to Improve Food Quality and Safety	04/04/2018	182,400
Jackson, Eric D	DOT/Department of Transportation/CT Department of Transportation	2018/2019 Northeast Connected and Autonomous Vehicle Summit	04/03/2018	45,053
Jackson, Eric D	CT Department of Transportation	2018/2019 Northeast Connected and Autonomous Vehicle Summit	04/03/2018	11,264
Christenson, Richard	DOD/Department of Defense/Electric Boat Corporation	System Identification and Testing of a Magnetorheological (MR) Fluid Damper	06/28/2018	49,950
Bagtzoglou, Amvrossios C	EPA/Environmental Protection Agency/CT Department of Public Health	Environmental Engineering Internships	04/24/2018	42,000

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PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Zhu, Jin	University of Texas, Austin/Construction Industry Institute	PUI-01 - Identifying and Evaluating the Impacts of Regulations throughout the Project Lifecycle	04/12/2018	26,427
Computer Science and Engineering			3 Awards	857,996
Russell, Alexander	Input Output HK (IOHK)	IOHK Project	06/07/2018	23,312
Khan, Mohammad M	NSF/CISE/Directorate for Computer and Information Science and Engineering	CAREER: The Role of Emotion and Social Motives in Communicating Risk: Implications for User Behavior in the Cyber Security Context	04/24/2018	559,786
Russell, Alexander	NSF/CISE/Directorate for Computer and Information Science and Engineering	AF: Medium: Collaborative Research: Quantum-Secure Cryptography	04/26/2018	274,898
Connecticut Transportation Institute			3 Awards	383,061
Shea, Donna	CT Department of Transportation	Connecticut Transportation Technology Transfer Center	06/06/2018	91,352
Mahoney, James M	DOT/Federal Highway Administration (FHWA)/CT Department of Transportation	Evaluation of Wet Weather Crash Locations and Conducting Pavement Friction in Selected Locations	06/14/2018	230,316
Jackson, Eric D	DOT/Department of Transportation/CT Department of Transportation	Hardware and Software Support for the CT DRE Program	04/19/2018	61,393
Electrical and Computer Engineering			2 Awards	70,000
Khan, Omer	NSF/National Science Foundation	NSF Student Travel Grant for the 2018 IEEE International Conference on Computer Design (ICCD)	06/27/2018	20,000
Khan, Omer	NXP Semiconductors Netherlands B.V.	Exploring Performance, Resiliency and Safety Tradeoffs for ADAS Applications on Quartz	04/11/2018	50,000
Engineering Dean			3 Awards	202,500
Bozorgmanesh, Hadi	Connecticut Innovations	The Third Bridge	04/06/2018	100,000
Accorsi, Michael L	CTNext/Town of Groton, CT	Undersea Supply Chain Consortium Project	04/25/2018	97,500
Luciani, Joseph M	McCooe, Matthew	Product Design and Development for the Toothpaste Dispensing Experience	04/11/2018	5,000
Engineering Diversity Program			1 Awards	62,709
Burkey, Daniel D	University of Connecticut Health Center	Pre-College Enrichment Program	06/20/2018	62,709
Eversource Energy Center			2 Awards	209,757
Zhang, Peng	Eversource	Modeling, Analysis and Anomaly Detection for Cyber Secure Eversource Power Distribution Networks: Phase 1	04/24/2018	150,000
Zhang, Peng	DOE/Brookhaven National Laboratory	Assess the Impact and Evaluate the Response to Cybersecurity Issues (AIERCI)	05/30/2018	59,757
Mechanical Engineering			7 Awards	1,075,335
Faghri, Amir	NSF/National Science Foundation	Integration of Heat Pipes in Gas Turbines using Artificial Intelligence and Additive Manufacturing	06/05/2018	149,013
Pierce, David M	Unilever	UConn-Unilever 3-D skin wrinkle model	05/09/2018	74,965
Sung, Chih-Jen	AECC Hunan Aviation Powerplant Research Institute	Development of Comprehensive Fuel Injection and Combustion Models	04/23/2018	799,970
Sung, Chih-Jen	Beihang University	Smoke Point and Threshold Soot Index Study of Conventional and Alternative Jet Fuel Blends	05/25/2018	10,003
Zhao, Xinyu	NASA/National Aeronautics and Space Administration/University of Hartford	Advanced Rotocraft Aeromechanics Research	05/08/2018	1,000
Zhao, Xinyu	NASA/National Aeronautics and Space Administration/University of Hartford	Advanced Rotocraft Aeromechanics Research	05/08/2018	6,000

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Pierce, David M	Unilever	UConn-Unilever 3-D skin wrinkle model	05/09/2018	34,384
School of Nursing			3 Awards	\$8,195,984
School of Nursing			3 Awards	8,195,984
Fontes, Alan	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of Health Strategy	CDAS Solution Architecture	04/24/2018	7,742,405
Baumbauer, Kyle M	DHHS/NIH/National Institute of Neurological Disorders and Stroke	Targeting ASIC3 to Disrupt Nociceptor Sensitization Following Spinal Cord Injury	05/14/2018	433,579
Polifroni, Elizabeth C	American Association of Colleges of Nursing	2018-2020 UConn Jonas Scholars	06/14/2018	20,000
School of Pharmacy			7 Awards	\$708,004
Pharmaceutical Sciences			4 Awards	639,625
Wright, Dennis	DHHS/NIH/National Institute of Allergy and Infectious Diseases	Targeting Glycolytic Enzymes as an Antibacterial Strategy	06/13/2018	438,625
Wiemer, Andrew	American Cancer Society	Synthesis of Phosphoantigens for Gamma-Delta T Cell Stimulation	04/17/2018	163,500
Bahal, Raman	Cooley's Anemia Foundation	New Generation Site Specific Genome Editing of Hematopoietic Stem Cells for Beta Thalassemia Gene Therapy	05/21/2018	32,500
Aneskievich, Brian J	American Foundation for Pharmaceutical Education	Soluble Epidermal Growth Factor Receptor Isoforms: Functional Roles and Potential Therapeutic Application in Rheumatoid Arthritis	06/04/2018	5,000
Pharmacy Practice			3 Awards	68,379
Smith, Marie A	DHHS/CMS/Centers for Medicare and Medicaid Services/CT Office of Health Strategy	CT SIM Project Management Office -- Primary Care Modernization Initiative	05/18/2018	11,941
Jeffery, Sean M	Main Street Community Foundation/Hartford Healthcare	Senior Care Continuum Expansion	05/21/2018	20,000
Gernant, Stephanie A	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/ProHealth Physicians	Improving Chronic Disease Management with Pieces (ICD-Pieces)	06/14/2018	36,438
School of Social Work			3 Awards	\$6,894,603
School of Social Work			3 Awards	6,894,603
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	06/28/2018	48,750
Lin, Hsiu-Ju	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services	DIG Program Evaluation and Analysis	05/29/2018	153,551
Heller, Nina R	CT Department of Social Services	Agreement between the University of Connecticut School of Social Work and the Department of Social Services	06/29/2018	6,692,302
Academic and Service Programs			1 Awards	\$151,072
Global Affairs			1 Awards	151,072
Pietro, Roy E	Department of Higher Education and Training Republic of South Africa/University of Fort Hare	Visiting Scholars from South Africa	06/20/2018	151,072
Vice President for Research			19 Awards	\$12,533,574
Center for Environmental Sciences and Engineering			1 Awards	149,965

Quarterly Award List by Managing Department

PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
McCutcheon, Jeffrey R	DOI/Department of the Interior	Developing Module-System Performance Relationships for Forward Osmosis System	06/20/2018	149,965
Connecticut Institute for Resilience and Climate Adaptation			1 Awards	8,203,323
O'Donnell, James	HUD/Department of Housing and Urban Development/CT Department of Housing	The Development of the Connecticut Connections Coastal Resilience Plan	05/11/2018	8,203,323
Institute for Collaboration on Health, Intervention and Policy			7 Awards	1,374,682
Pagoto, Sherry	DHHS/NIH/National Heart, Lung, and Blood Institute	Mentoring in mHealth and Social Networking Interventions for CVD Risk Reduction	04/20/2018	198,145
Pagoto, Sherry	DHHS/NIH/National Heart, Lung, and Blood Institute	RELAX: A Mobile Application Suite Targeting Obesity and Stress	05/03/2018	689,559
Andreyeva, Tatiana	World Health Organization	Fiscal policies and a diet: a scoping review of the literature	04/10/2018	21,873
Andreyeva, Tatiana	American Heart Association	Tiered Tax Revenue Estimation	04/26/2018	14,892
Butler, Lisa M	Gates (Bill and Melinda) Foundation	Optimizing mother & child health and development in Botswana	04/27/2018	100,000
Butler, Lisa M	DHHS/NIH/National Institute of Mental Health/Brigham and Women's Hospital	Standing Tall - A Pilot Randomized Controlled Trial of a Community-Based Intervention to Improve Health Outcomes for Newly Diagnosed HIV-Positive Young Adults in South Africa	06/29/2018	69,146
Wang, Fei	CT Department of Public Health	Best Practices in Tobacco Use Prevention and Control	06/19/2018	281,068
Institute of Materials Science			8 Awards	1,246,139
Alpay, Pamir	United Technologies-Aerospace Systems	UTAS Center for Excellence	05/25/2018	150,000
Cao, Yang	General Electric	Computation of Gas Dynamics in Low Voltage Circuit Breakers	06/19/2018	100,000
Cao, Yang	Komatsu	Research on Electrical Insulation of Mechanism of Composite Molding Material for Rotating Machines	05/10/2018	50,000
Cao, Yang	NASA/National Aeronautics and Space Administration/United Technologies-Research Center	Partial Discharge Investigation for High Voltage DC (HVDC) Aerospace Electrical Systems	04/06/2018	100,000
Carter, Clive B	NSF/MPS/Directorate for Mathematical and Physical Sciences	GOALI: Mechanisms of Lithiation and Delithiation Reactions in Layered Materials Combining TEM and Atomic Scale Modeling	06/01/2018	441,402
Huey, Bryan	DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases/University of Connecticut Health Center	Transdermal Mechanical Loading for Cell Therapy-Based Bone Repair	06/18/2018	241,530
Suib, Steven L	General Electric/General Electric	GE - Energy	05/31/2018	100,000
Parnas, Richard S	REA Resource Recovery Systems	Critical Infrastructure: A National Security and Environmental Quality Double Play	05/21/2018	63,207
Sea Grant College Program			1 Awards	90,900
Pomeroy, Robert S	Rare	Creating value for small scale fishers	06/29/2018	90,900
Vice President for Research			1 Awards	1,468,565
Gallo, Gregory J	CTNext	Connecticut Intercollege Partnership for Technology Transfer	04/05/2018	1,468,565
University of Connecticut - Storrs & Regional			153 Awards	\$49,625,525
School of Dental Medicine			5 Awards	\$197,720
Craniofacial Sciences			2 Awards	157,720

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PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Yadav, Sumit	American Association of Orthodontists Foundation	Mechanism of Anti-TGF Beta for the Treatment of the Mandibular Condylar Carilage in Osteogenesis Imperfecta	05/16/2018	30,000
Spoto, Michelle	DHHS/NIH/National Institutes of Health	Molecular Mechanisms Underlying Transition to Virulence in Staphylococcus Epidemidis	05/29/2018	127,720
Reconstructive Sciences			3 Awards	40,000
Azami, Niloufar	American Association of Orthodontists Foundation	The Effects of Biologics on Retention in an Orthodontic Relapse Model	03/08/2018	5,000
Dutra, Elaine	American Association of Orthodontists Foundation	BMP2 Mediated Anabolic Effect of Intermittent PTH on the Mandibular Condylar Cartilage	03/08/2018	20,000
Kelly, Robert	Sjogren's Syndrome Fdn	Artificial Salivary Gland Dental Implant Foundation	06/19/2018	15,000
School of Medicine			76 Awards	\$24,242,797
Academic Affairs and Education			1 Awards	1,000
Henderson, David	Gold (Arnold P.) Foundation for Humanism in Medicine	Leonard Tow Humanism in Medicine Awards	06/19/2018	1,000
Calhoun Cardiology Center - CCC			5 Awards	2,248,011
Gildart, Moriah	American Heart Association	Regulation of Ryanodine Receptor Released Perinuclear Calcium by the mkAP Complex	05/10/2018	53,688
Hinson, John	DHHS/NIH/National Institutes of Health	Comprehensive Analysis of Allelic, Cellular and Molecular Heterogeneity in Human 3-Dimensional Cardiac Microtissues with MYH7 Mutations	06/24/2018	2,149,123
Hinson, John T	Hughes (Howard) Medical Institute	Assessing Pathogenicity of Beta-Myosin Heavy Chain Gene Variants Using Human Stem Cell	04/03/2018	38,000
Petry, Nancy	American Psychology Association	2017 Editor: "Psychology of Addictive Behaviors"	04/02/2018	3,600
Petry, Nancy	American Psychology Association	2018 Editor: "Psychology of Addictive Behaviors"	04/02/2018	3,600
Cell Biology			3 Awards	133,160
Jaffe, Laurinda	ImpactAssets	Signaling by luteinizing hormone in the ovarian follicle	05/24/2018	83,160
Smilowitz, Henry	Musella Foundation For Brain Tumor Research and Information	Can iodine nanoparticle enhanced radiation therapy increase the efficacy of temozolomide therapy? A preclinical study.	06/19/2019	25,000
Epstein, Paul	Smart Family Foundation	BDE8 as a Biomarker and Treatment Target for Leukemia	03/22/2018	25,000
Center for Molecular Medicine			1 Awards	45,839
Rosenberg, Daniel	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Thetis Pharmaceuticals	Development of TP-252 for Maintenance of Remission in Pediatric Ulcerative Colitis Patients	06/05/2018	45,839
Center for Quantitative Medicine			3 Awards	3,159,116
Laubenbacher, Reinhard	NSF/National Science Foundation	EAGER: Modular Design of Multiscale Models, with an Application to the Innate Immune Response to Fungal Respiratory Pathogens	04/24/2018	90,000
Laubenbacher, Reinhard	MayDay Fund/UConn Foundation	Connecticut Pain Consortium	03/21/2018	55,000
Laubenbacher, Reinhard	DHHS/NIH/National Institutes of Health	Multiscale Modeling of the Battle Over Iron in Invasive Lung Infection	06/27/2018	3,014,116
Clinical And Translational Science Institute (CTSI)			2 Awards	216,421
Laurencin, Cato	DHHS/NIH/NIBIB/UConn Storrs	Bionic Self-Stimulating Cartilage	06/12/2018	121,519
Laurencin, Cato	DHHS/NIH/National Institutes of Health	A Novel Approach Towards Hard Nail Tissue Regeneration	04/20/2018	94,902
Community Medicine and Health Care			3 Awards	154,777

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PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
McRee, Bonnie	DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration /CT Department of Children and Families	Adolescent-Screening, Brief Intervention, and Referral to Treatment (A-SBIRT) Training Expansion	04/16/2018	94,777
Ungemack, Jane	CT Department of Children and Families	Recovery Specialist Voluntary Program (RSVP/RCM) Evaluation year 10b (State)	06/20/2018	40,000
Ungemack, Jane	DHHS/ACF/Administration for Children and Families /CT Department of Children and Families	Recovery Specialist Voluntary Program (RSVP/RCM) Evaluation year 10a (Federal)	06/20/2018	20,000
Dermatology			5 Awards	317,464
Strober, Bruce	AbbVie	Research Fellowship Grant 33011	06/28/2018	40,000
Strober, Bruce	National Psoriasis Foundation	Skin Microbiome of Inverse Psoriasis	06/13/2018	50,000
Strober, Bruce	Janssen Biotech	Research Fellowship Grant Support	04/18/2018	49,000
Strober, Bruce	Galderma Laboratories	A randomized, double-blind, multi-centre, placebo-controlled, parallel-arm phase 2 trial to assess safety, efficacy and pharmacokinetics of CD11301 0.03% and 0.06% gel in the treatment of Cutaneous T-Cell Lymphoma (CTCL), stages IA, IB and IIA.	04/23/2018	109,010
Strober, Bruce	Eli Lilly and Company	A Multicenter, Randomized, Double Blind, Placebo Controlled, Phase 3 Study to Evaluate the Efficacy and Safety of Baricitnib in Adult Patients with Moderate to Severe Atopic Dermatitis (BREEZE-AD5).	06/04/2018	69,454
Genetics and Developmental Biology			6 Awards	3,684,576
Chamberlain, Stormy	NSF/National Science Foundation/University of Connecticut	NRT-UTB-DESE: Science of learning, from neurobiology to real-world application: a problem-based approach	04/02/2018	46,138
Graveley, Brenton	NIH/NHGRI	A Comprehensive Functional Map of Human Protein-RNA Interactions	06/20/2018	453,942
Gunzl, Arthur	DHHS/NIH/National Institutes of Health	Gene Expression control by trypanosome cyclin-dependent kinase CRK9	04/06/2018	426,581
Li, James	DHHS/NIH/National Institutes of Health	Molecular Regulation of Lineage Specification of the Mouse Cerebellum	06/14/2018	2,030,357
Carmichael, Gordon	Connecticut Innovations	UConn-Wesleyan Stem Cell Core	05/29/2018	500,000
Tucker, Joseph W	CT Department of Public Health	Genetics Screening Program	02/23/2018	227,558
Immunology			4 Awards	2,052,625
Medvedev, Andrei	DHHS/NIH/National Institutes of Health	IRAK4 and Systemic Lupus Erythematosus	06/13/2018	1,595,000
Adler, Adam J	DHHS/NIH/National Institutes of Health	Test if Anti-Tumor T Cells Use a Putative Super-Enhancer in the Il1r12-Il1r11 Intergenic Region to Promote "innate-like" response to cytokines	05/04/2018	438,625
Wang, Kepeng	CaroGen	CaroGen Related to UConn Innovation Fund annd 2016-0495 Fund 601203	04/20/2018	15,000
Slovak, Ryan J	Society of Interventional Radiology Foundation	Augmenting the Anti-Cancer Immune Response Against Colorectal Cancer With Combination Immuno-Thermal Ablations	05/16/2018	4,000
Medicine			11 Awards	3,177,162
Zhou, Yanjiao	University of Nebraska	Bioinformatics	06/28/2018	14,700
Zhou, Yanjiao	DHHS/NIH/National Institutes of Health /Washington University, St. Louis	Azithromycin to Prevent Recurrent Wheezing Following Severe RSV Bronchiolitis	05/08/2018	4,597
Chirch, Lisa	DHHS/HRSA/Health Resources and Services Administration/University of Massachusetts Medical School	ACCESS	05/16/2018	26,805

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PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Dieckhaus, Kevin	DHHS/HRSA/Health Resources and Services Administration/City of Hartford, CT	Ryan White Part A Minority AIDS Initiative (MAI) (2 parts/funds Outpt Ambulatory and Tx Adherence)	05/09/2018	89,364
Hurley, Marja	NIH/NIAMS	FGF2 Isoforms in Bone and Phosphate Homeostasis	04/18/2018	31,900
Wakai, Sara	DHHS/CDC/Centers for Disease Control and Prevention /CT Department of Public Health	State Public Health Actions ("SHAPE") - Diabetes	05/17/2018	25,000
Robinson, Elizabeth	DHHS/ACF/CT DCF	Adoption Assistance Program	04/12/2018	2,385,000
Radolf, Justin	DHHS/NIH/National Institutes of Health	Borrelia burgdorferi Oligopeptide (Opp) Transporter Control of Cellular Homeostasis and Growth	06/13/2018	438,625
Moore, George	CT Department of Labor	Occupational Health Clinic	04/05/2018	81,177
Kim, Insoo	Honda R&D Americas	Pilot Study on In-Vehicle Controls Using Brain Computer Interface Technology	04/24/2018	49,996
Kim, Insoo	Connecticut Innovations	Development of electronic hearing protection devices to distinguish desired speech and warning signals from noise	11/14/2017	29,998
Molecular Biology & Biophysics			4 Awards	465,761
Weller, Sandy	DHHS/NIH/National Institutes of Health	Oxidation is Trigger for PML Multimerization and Nuclear Body Formation in HSV Infected Cells	05/14/2018	433,253
Weller, Sandra	Yale University	Obtain Co-Crystal Structures of Inhibitors with One or More of Alkaline Nucleases	04/23/2018	10,000
Setlow, Peter	DOD	Metabolic Activities in Dormant Spores of Bacillus Species	04/11/2018	12,508
Weller, Sandy	Yale University	Develop a Simple, Low-Cost 96 Well-Plate Format Assay to Test Antiviral Efficacy of Newly Identify Compounds Against CMV	04/18/2018	10,000
NEAG Cancer Center (SOM)			3 Awards	1,031,774
Andemariam, Biree	Patient-Centered Outcomes Research Institute (PCORI)/Children's Hospital of Philadelphia	Community Health Workers and Mobile Health for Emerging Adults Transitioning Sickle Cell Disease Care (COMETS Trial)	06/22/2018	311,102
Andemariam, Biree	DHHS/HRSA/Health Resources and Services Administration/Mount Sinai School of Medicine)	Region Comprehensive Hemophilia Program	05/18/2018	20,672
Srivastava, Pramod	Truvax, Inc.	Neopeptides for Cancer Therapy	06/28/2018	700,000
Neuroscience			5 Awards	5,460,209
Yan, Riqiang	MetLife/American Federation for Aging Research	MetLife Award through AFAR	03/02/2018	200,000
Martinelli, David	National Multiple Sclerosis Society	The Role of C1QL1 in Oligodendrocyte Maturation	04/30/2018	44,000
Yan, Riqiang	DHHS/NIH/National Institutes of Health	Roles of Reticulon Proteins in Neurodegenerative Disorder	06/29/2018	860,226
Yan, Riqiang	DHHS/NIH/National Institute of Neurological Disorders and Stroke	BACE1 in neurodegeneration and neuronal dysfunction	06/12/2018	1,599,575
Oliver, Douglas	DOD/Army/Army Medical Research Acquisition Activity	Development of Objective Electrophysiological Tests for Tinnitus Based on Long-Lasting After-discharges in the Inferior Colliculus	05/01/2018	2,756,408
Obstetrics and Gynecology			1 Awards	750
Grow, Daniel	New England Fertility Society	During IVF, At what P Level on day of trigger should we recommend freeze only as opposed to fresh embryo transfer?	04/06/2018	750
Orthopaedic Surgery			5 Awards	54,364
Mazzocca, Augustus	Arthrex	Post-Hydration of Arthrex's new DBM	04/12/2018	2,173
Mazzocca, Augustus	Arthrex	Pre-Hydration of Arthrex's new DBM	04/12/2018	2,173

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PI Name	Sponsor	Project Title	Award Date	Total Anticipated Award
Mazzocca, Augustus	Arthrex	Before and After Clinical Video of New DBM	04/12/2018	1,132
Arciero, Robert	DOD/Department of Defense/University of Pittsburgh	Surgical Timing and Rehabilitation (STaR) for Multiple Ligament Knee Injuries (MLKIs):A Multicenter Integrated Clinical Trial	04/05/2018	13,886
Arciero, Robert	DJO Global	DJO Cross Fellowship	04/27/2018	35,000
Pediatrics			6 Awards	509,961
Weinstein, David A	Ultragenyx Pharmaceutical	A Phase 1/2, Open-Label Safety and Dose-Finding Study of Adeno-Associated Virus (AAV) Serotype 8 (AAV8)-Medicated Gene Transfer of Glucose-6-Phosphatase (G6Pase) in Adults with Glycogen Storage Disease Type 1a (GSD1a)	05/18/2018	334,626
Salazar, Juan	DHHS/Office of Adolescent Health/City of Hartford, CT	Hartford Teenage Pregnancy Prevention Initiative (HTTP) Evidence Based Intervention Partners	04/10/2018	15,000
Salazar, Juan	DHHS/Office of Adolescent Health /City of Hartford	Hartford Teenage Pregnancy Prevention Initiative (HTTP) Community Mobilization	04/10/2018	5,000
Salazar, Juan	CT Department of Public Health	CT DPH HIV Prevention Interventions-POL/WILLOW	12/22/2017	128,335
Hollenbach, Jessica	Patterson Trust/Connecticut Children's Medical Center	Interrogating the Placental Microbiome Among Pregnant Women with Asthma	06/05/2018	2,000
Matson, Adam	Connecticut Children's Medical Center	Neonatal Microbiome Project-Stevenson Fund	05/01/2018	25,000
Psychiatry			4 Awards	276,065
Briggs-Gowan, Margaret	DHHS/NIH/National Institutes of Health /Northwestern University	The When to Worry about Language Study (W2W-L): Joint consideration of developmental patterning and neural...	06/22/2018	55,861
Connor, Daniel	DHHS/ACF/Administration for Children and Families/CT Judicial Branch	Quality Assurance of the Mental Health Education Services fro the Juvenile Justice System	04/03/2018	7,500
Gelbar, Nicholas	DHHS/ACL/Administration for Community Living /CT Council on Developmental Disabilities	University of Connecticut, University Cntr for Excellence in Developmental Disabilities & CT Council on Developmental Disabilities MOU	05/11/2018	37,488
Goetjen, Alexandra	DHHS/NIH/National Institutes of Health	GABRA2 genetic variants and chromosome conformation in induced pluripotent stem cell-derived neural cells	06/25/2018	175,216
Surgery			1 Awards	8,506
Sharafieh, Roshanak	DHHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Wayne State University	Development of Blood Biomarkers for Clinical Management of Diabetic Foot Ulcers	06/18/2018	8,506
Traumatology and Emergency Medicine			1 Awards	60,000
McKay, Charles	DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health	Agreement between CT DPH and UConn Health -CT Poison Center`	04/27/2018	60,000
UConn Center on Aging			2 Awards	1,185,256
Kuchel, George	DHHS/NIH/National Institutes of Health/ Washington Uni. St.Louis	Combining Testosterone Therapy and Exercise to Improve Function Post Hip Fracture	06/19/2018	1,131,246
Kuchel, George	CT Office of Policy and Management	MOU Between Center on Aging and Office of Policy and Management	05/21/2018	54,010
University of Connecticut Health			81 Awards	\$24,440,517
Grand Total			234 Awards	\$74,066,042