### Quarterly Award List by Academic Home Department

<table>
<thead>
<tr>
<th>PI Name</th>
<th>Sponsor</th>
<th>Project Title</th>
<th>Award Date</th>
<th>Total Anticipated Award</th>
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<tr>
<td><strong>College of Agriculture, Health and Natural Resources</strong></td>
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<td><strong>Agricultural and Resource Economics</strong></td>
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<td>Swallow, Stephen K</td>
<td>USDA/National Institute of Food and Agriculture</td>
<td>Ecosystem services foundations for resilient communities: Agriculture, land use, coasts and energy for human well-being</td>
<td>10/05/2020</td>
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<td>Towe, Charles</td>
<td>USDA/National Institute of Food and Agriculture</td>
<td>Valuing Rural Stewardship of Riverine Ecosystems: Transfer-Ready Water Quality and Land Cover Co-Benefits, Linked Rural and Urban Economies</td>
<td>11/30/2020</td>
<td>499,930</td>
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<td><strong>Agriculture, Health and Natural Resources Dean</strong></td>
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<td>Chaubey, Indrajeet</td>
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<td>Chaubey, Indrajeet</td>
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<td>FY2021 McIntire-Stennis Cooperative Forestry Research Program Capacity Grant</td>
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<td>FY2021 Renewable Resources (RREA)</td>
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<td><strong>Allied Health Sciences</strong></td>
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<td>Caspi, Caitlin E</td>
<td>DHHS/NIH/National Heart, Lung, and Blood Institute</td>
<td>A Multi-Component Intervention in the Hunger Relief Network to Improve Diet Among Adults Experiencing Food Insecurity</td>
<td>11/28/2020</td>
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<td>Amalaradjou, Mary A</td>
<td>Bactana</td>
<td>Evaluating the Antimicrobial Efficacy of Bactana Products</td>
<td>11/16/2020</td>
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<tr>
<td>Amalaradjou, Mary A</td>
<td>USDA/National Institute of Food and Agriculture</td>
<td>A comprehensive probiotic-based approach to promote layer performance, layer health and egg safety for small and midsize farms</td>
<td>12/17/2020</td>
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<td>D’Amico, Dennis</td>
<td>Lanxess USA</td>
<td>Mold Inhibition Challenge Study</td>
<td>12/01/2020</td>
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<td>D’Amico, Dennis</td>
<td>Walker (George) Milk Research Fund</td>
<td>Characterizing the microbial composition of a novel American farmstead cheese</td>
<td>12/21/2020</td>
<td>20,793</td>
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<td>Upadhayay, Abhinav</td>
<td>Center for Produce Safety</td>
<td>Application of ultra-fine bubble technology to reduce Listeria monocytogenes contamination of fresh produce</td>
<td>12/14/2020</td>
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<td>Upadhayay, Abhinav</td>
<td>USDA/National Institute of Food and Agriculture</td>
<td>Developing plant-based drinking water supplements for controlling Salmonella and Campylobacter jejuni in broiler chickens</td>
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<td><strong>Extension</strong></td>
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<td>Bartholomew, Candace L</td>
<td>EPA/Environmental Protection Agency/eXtension Foundation</td>
<td>UConn Extension Pesticide Safety Education Program</td>
<td>12/14/2020</td>
<td>16,825</td>
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<td>Martin, Jennifer L</td>
<td>USDA/Food and Nutrition Service/CT Department of Public Health</td>
<td>Establishing Connecticut's Farm-to-ECE Program</td>
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<td><strong>Kinesiology</strong></td>
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<td>Casa, Douglas J</td>
<td>DOD/Air Force/Department of the Air Force/Amp Human</td>
<td>The Effect of AMP Human PR Lotion on Hydration Study</td>
<td>10/27/2020</td>
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<td><strong>Pathobiology</strong></td>
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<td>Frasca, Salvatore</td>
<td>USDA/National Institute of Food and Agriculture/University of Florida</td>
<td>Development of In Vitro and Molecular Diagnostic Tools for the Globally Emerging Tilapia Lake Virus</td>
<td>10/28/2020</td>
<td>3,156</td>
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</tbody>
</table>

* Awards are listed according to the tenure home of the PI on each project.
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<tr>
<th>PI Name</th>
<th>Sponsor</th>
<th>Project Title</th>
<th>Award Date</th>
<th>Anticipated Award</th>
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<tbody>
<tr>
<td>Lee, Dong-Hun</td>
<td>Konkuk University Industrial Corporation Foundation</td>
<td>Sequence analysis of avian influenza viruses identified in South Korea during 2020</td>
<td>10/16/2020</td>
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<td>Verardi, Paulo H</td>
<td>DOD/Army/Department of the Army/Nanoionix</td>
<td>Robust Self-decontaminating Coating for Defense Applications</td>
<td>12/13/2020</td>
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<td><strong>Plant Science and Landscape Architecture</strong></td>
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<td>Berkowtiz, Gerald</td>
<td>Fine Fettle Dispensary (FFD United)</td>
<td>Identification of Transcription Factor Proteins and Other Factors that Regulate Trichome Initiation and Cannabinoid Levels in Cannabis</td>
<td>10/19/2020</td>
<td>49,189</td>
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<td>Guillard, Karl</td>
<td>USDA/Natural Resources Conservation Service</td>
<td>Measuring Extractable Soil Phosphorus Increase from Dairy Cow Manure Applications</td>
<td>10/18/2020</td>
<td>86,223</td>
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<td>Ingugiaito, John C</td>
<td>USDA/National Institute of Food and Agriculture/Michigan State University</td>
<td>North Central Plant Diagnostic Network</td>
<td>10/13/2020</td>
<td>25,000</td>
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<td><strong>College of Liberal Arts and Sciences</strong></td>
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<tr>
<td>Suib, Steven L</td>
<td>NASA/National Aeronautics and Space Administration/Skyre</td>
<td>Development of Non-Platinum Group Metal (PGM) Catalysts for Hydrogen Resource Recovery (HRR)</td>
<td>10/06/2020</td>
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<td><strong>Chemistry</strong></td>
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<td>Wegrzyn, Jill L</td>
<td>USDA/National Institute of Food and Agriculture/Northern Arizona University</td>
<td>Role of epigenomics and gene expression in the regulation of immune responses to white pine blister rust in sugar pine</td>
<td>12/14/2020</td>
<td>208,321</td>
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<td>Yarish, Charles</td>
<td>W. L. Gore &amp; Associates</td>
<td>Service Agreement with W.L. Gore &amp; Associates</td>
<td>10/23/2020</td>
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<td>Yuan, Yaowu</td>
<td>DHHS/NIH/National Institute of General Medical Sciences</td>
<td>Development and evolution of self-organizing pigmentation patterns</td>
<td>12/10/2020</td>
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<td><strong>Ecology and Evolutionary Biology</strong></td>
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<td>Schwartz, Marlene B</td>
<td>USDA/Food and Nutrition Service/CT Department of Education</td>
<td>Assessing Connecticut District Policies using the WSCC Model</td>
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<td>58,770</td>
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<td><strong>Human Development and Family Sciences</strong></td>
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<td>Babb, Ivar G</td>
<td>CT Department of Energy and Environmental Protection</td>
<td>Assessing Ecological Change and Resiliency in Long Island Sound</td>
<td>11/23/2020</td>
<td>52,053</td>
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<td>Dierssen, Heidi M</td>
<td>NASA/NASA Shared Services Center (NSSC)</td>
<td>PACE Science Team and Team Leader: Differentiating whitecaps and targets with non-negligible infrared reflectance</td>
<td>10/16/2020</td>
<td>443,376</td>
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<td>Matassa, Catherine M</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>COMP 30: Application of Synthetic Aperture Sonar in Characterizing Subsea Bota, Infrastructure, and Hazards Relevant to Sensitive Operating Environments</td>
<td>10/21/2020</td>
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<td>Vaudrey, Jamie M</td>
<td>Dominion Energy</td>
<td>Applying EcoGEM to Niantic River, CT</td>
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<td>Vaudrey, Jamie M</td>
<td>New York Community Trust/Earthplace</td>
<td>Developing a strategy for deployment of a Community Data Platform</td>
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<td><strong>Marine Sciences</strong></td>
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<td>White, Simon J</td>
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<td>Characterization of long-circulating phages isolated from in vivo mouse studies</td>
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<td><strong>Molecular and Cell Biology</strong></td>
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<td>Angles-Alcazar, Daniel</td>
<td>NASA/National Aeronautics and Space Administration/University of Hartford</td>
<td>Improving supermassive black hole accretion models with cosmological hyper-refinement simulations - student Jonathan Mercedes-Feliz</td>
<td>12/24/2020</td>
<td>8,000</td>
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</tbody>
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<tbody>
<tr>
<td>Mulkey, Daniel K</td>
<td>DHHS/NIH/National Institutes of Health</td>
<td>Glial chemosensitivity and control of breathing in Rett syndrome</td>
<td>12/22/2020</td>
<td>2,109,559</td>
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<td>Ostroff, Linnea E</td>
<td>NSF/BIO/Directorate for Biological Sciences</td>
<td>Third Annual NeuroNex Investigator Meeting</td>
<td>11/04/2020</td>
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<tr>
<td>Mulkey, Daniel K</td>
<td>DHHS/NIH/National Institutes of Health</td>
<td>Glial chemosensitivity and control of breathing in Rett syndrome</td>
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<td>Ostroff, Linnea E</td>
<td>NSF/BIO/Directorate for Biological Sciences</td>
<td>Third Annual NeuroNex Investigator Meeting</td>
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<td>Physiological Sciences</td>
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<td>Magnuson, James S</td>
<td>Research Council of Norway/Norwegian University of Science and Technology</td>
<td>Excellence in graduate education and research in the cognitive and neural underpinnings of (typical and atypical) language development</td>
<td>11/19/2020</td>
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<td>Robbins, Mark D</td>
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<td>Enhancing Fiscal Transparency in Uzbekian's Budget</td>
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<tr>
<td>Tufts, Jennifer</td>
<td>DHHS/CDC/National Institute for Occupational Safety and Health/Creare</td>
<td>A wireless audiometric headset that integrates hearing testing, education, and personalized hearing protection fitting</td>
<td>12/11/2020</td>
<td>51,538</td>
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<tr>
<td>Tufts, Jennifer</td>
<td>DOD/Department of Defense/Triton Systems</td>
<td>Occlusion Effect-Reducing Earplug with Pass-through Communication and Situational Awareness</td>
<td>10/23/2020</td>
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<tr>
<td>Tufts, Jennifer</td>
<td>DOD/Navy/Office of Naval Research/Creare</td>
<td>Portable System for Auditory Situational Awareness Assessment and Training</td>
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<td>Public Policy</td>
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<td>Purkayastha, Bandana</td>
<td>Social Science Research Council/Michigan State University</td>
<td>Migrant precarity and COVID-19</td>
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<td>Tufts, Jennifer</td>
<td>DHHS/CDC/National Institute for Occupational Safety and Health/Creare</td>
<td>A wireless audiometric headset that integrates hearing testing, education, and personalized hearing protection fitting</td>
<td>12/11/2020</td>
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<tr>
<td>Tufts, Jennifer</td>
<td>DOD/Department of Defense/Triton Systems</td>
<td>Occlusion Effect-Reducing Earplug with Pass-through Communication and Situational Awareness</td>
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<td>Neag School of Education</td>
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<td>Caemmerer, Jacqueline M</td>
<td>Texas Woman's University (TWU)</td>
<td>Cross-Battery Cognitive-Achievement Relations</td>
<td>12/24/2020</td>
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<td>Freeman, Jennifer L</td>
<td>ED/Institute of Education Sciences/Lehigh University</td>
<td>Supported College and Career Readiness for Secondary Students with Emotional and Behavioral Problems</td>
<td>10/29/2020</td>
<td>497,173</td>
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<tr>
<td>McCoach, Dorothy E</td>
<td>ED/Department of Education/East Tennessee State University</td>
<td>Optimal Gifted and Talented Student Identification: Maximizing Efficacy, Efficiency, and Equity</td>
<td>12/08/2020</td>
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<td>Educational Psychology</td>
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<td>Neag School of Education</td>
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<tr>
<td>School of Engineering</td>
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<td>Biomedical Engineering</td>
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<td>Gielo-Perczak, Krystyna</td>
<td>Hologic</td>
<td>Multimodal Methodology to Evaluate Stress of Patients Under Compression of a Mammography System</td>
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<td>Kaputa, David F</td>
<td>Boston Children's Hospital</td>
<td>Boston Children's Hospital CEI 2020-2021</td>
<td>12/22/2020</td>
<td>46,049</td>
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<td>Morgan, Kristin</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>COMP 22: NIUVT - Sailor Cognizant Awareness</td>
<td>11/13/2020</td>
<td>552,405</td>
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<td>Shahbazarhadi, Sina</td>
<td>Carl Zeiss Microscopy</td>
<td>Automated Segmentation of High-Resolution Brain Images Using Synthesized Images</td>
<td>10/21/2020</td>
<td>50,000</td>
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<tr>
<td>Zhang, Yi</td>
<td>DHHS/NIH/National Institutes of Health/NeuroLux</td>
<td>Wireless, Implantable Optofluidic Systems for Programmed Pharmacology and Optogenetics</td>
<td>12/11/2020</td>
<td>50,000</td>
</tr>
</tbody>
</table>

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Report for Quarter Ending: 12/31/2020
Report Generated: 2/9/2021 10:21 am
<table>
<thead>
<tr>
<th>PI Name</th>
<th>Sponsor</th>
<th>Project Title</th>
<th>Award Date</th>
<th>Anticipated Award</th>
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</thead>
<tbody>
<tr>
<td>Zhang, Yi</td>
<td>NSF/ENG/Directorate for Engineering</td>
<td>Collaborative Research: CRISPR::SERS system for rapid and ultrasensitive detection of foodborne bacterial pathogens</td>
<td>11/10/2020</td>
<td>318,500</td>
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<td>Zhang, Yi</td>
<td>NSF/National Science Foundation</td>
<td>SenSE:Wearable hybrid biochemical and biophysical sensing systems integrated with robust artificial intelligence for monitoring COVID-19 patients</td>
<td>12/30/2020</td>
<td>737,504</td>
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<td>Bollas, Georgios</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>COMP 25: Integrated analysis, design and operation evaluation of UUV Swarms</td>
<td>10/21/2020</td>
<td>550,502</td>
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<td>McCutcheon, Jeffrey R</td>
<td>DOE/Organization of Energy Efficiency and Renewable Energy/DOE/Lawrence Berkeley National Laboratory</td>
<td>High Throughput Screening of Ultra-Thin Electrocaloric Materials Enabled by Additive Manufacturing</td>
<td>11/10/2020</td>
<td>500,000</td>
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<tr>
<td>McCutcheon, Jeffrey R</td>
<td>DOE/Organization of Energy Efficiency and Renewable Energy/DOE</td>
<td>The National Alliance for Water Innovation</td>
<td>10/12/2020</td>
<td>241,585</td>
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<td>Qin, Yang</td>
<td>NSF/MPS/Directorate for Mathematical and Physical Sciences</td>
<td>Polymeric Carbyne Mimics and Main-Group Element-Containing Conjugated Polymers Derived from trans-Enediyne Monomers</td>
<td>12/04/2020</td>
<td>403,354</td>
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<tr>
<td>Christenson, Richard</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>ADMIN-03: NIUVT - Accelerating Technology Innovation and Capability Adoption for Current and Future Undersea Vehicles</td>
<td>10/21/2020</td>
<td>1,936,858</td>
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<tr>
<td>Christenson, Richard</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>TRAN 01: Accelerating Transition of Smart Isolation Strategies Through Real-Time Hybrid Simulation</td>
<td>10/21/2020</td>
<td>241,775</td>
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<tr>
<td>Esmailli Zaghi, Arash</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>COMP 24: Mechanical Characterization of Bolted Joints with Different Interface Conditions</td>
<td>10/21/2020</td>
<td>366,953</td>
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<td>Ivan, John N</td>
<td>DOT/Department of Transportation/University of Maine</td>
<td>Safety Assessment of New England Roadways during the Covid-19 Pandemic</td>
<td>12/09/2020</td>
<td>10,000</td>
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<td>Jackson, Eric D</td>
<td>DOT/Department of Transportation/CT Department of Transportation</td>
<td>Advancing the behavioral safety analytic tools capabilities of the Connecticut department of transportation</td>
<td>11/05/2020</td>
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<tr>
<td>Malla, Ramesh B</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>SEED 19: Material Characterization and Design Procedures for Inflatable Drop Stitch Structures</td>
<td>10/21/2020</td>
<td>183,673</td>
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<tr>
<td>Mandoiu, Ion I</td>
<td>Pfizer</td>
<td>Exploring the impact of microbiome diversity on toxicological outcomes in preclinical species</td>
<td>10/16/2020</td>
<td>763,176</td>
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<td>Shin, Dong</td>
<td>DHHS/NIH/National Institutes of Health/University of Connecticut Health Center</td>
<td>Roles of reticulon proteins in neurodegenerative disorders</td>
<td>11/25/2020</td>
<td>154,920</td>
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<td>Mahoney, James M</td>
<td>CT Department of Transportation</td>
<td>Connecticut Cooperative Highway Research Program (Joint Highway Research Advisory Council Work Program FY21)</td>
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<td>Bragin, Mikhail A</td>
<td>ISO New England/Rochester Institute of Technology</td>
<td>Investigation of Pricing with Inter-temporal Constraints</td>
<td>12/21/2020</td>
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<th>PI Name</th>
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<th>Project Title</th>
<th>Award Date</th>
<th>Total Anticipated Award</th>
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<tr>
<td>Khan, Omer</td>
<td>Semiconductor Research Corporation</td>
<td>Towards Efficient Parallelism, Resiliency and Security in Large Tiled Multicore Processors for AI Computing</td>
<td>11/30/2020</td>
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<td>Park, Sung Yeul</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>SEED 25: Development of an Internal Impedance based Li-ion Battery Management System</td>
<td>10/21/2020</td>
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<td>Pattipati, Krishna R</td>
<td>MIRISE Technologies (Mobility Innovative Research Institute for SEmiconductors)</td>
<td>Machine Learning Approaches for IGBT Fault Prognosis and Diagnosis in Vehicular Inverters Using HIL Verification and Driving Cycles</td>
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<td>Engineering Dean</td>
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<td>Shor, Leslie M</td>
<td>VentureWell</td>
<td>Land Maverick - Stage 2</td>
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<td>9 Awards</td>
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<td>Program in Materials, Additive and Secure Manufacturing, and Multiscale Materials Engineering (3ME)</td>
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<tr>
<td>Frame, Lesley</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>Seed 20: Additive Manufacturing for Undersea Applications</td>
<td>10/21/2020</td>
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<td>Gao, Puxian</td>
<td>NASA/NASA Shared Services Center (NSSC)/3D Array Technology</td>
<td>Particulate Carbon Filtration Using Nanoarray Configured Porous Metal Monolith for Efficient Space Oxygen Recovery</td>
<td>12/04/2020</td>
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<td>Hebert, Rainer J</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>COMP 19: Qualification Support for additive manufacturing of production parts</td>
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<td>443,264</td>
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<td>Hebert, Rainer J</td>
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<td>COMP 29: Advanced Double Hull Structural Configurations for Undersea Vehicles and Weapons</td>
<td>10/21/2020</td>
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<td>Comp-20: Evaluation of Additively Manufactured Corrugated Core Sandwich for Blast Mitigation</td>
<td>10/21/2020</td>
<td>379,846</td>
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<td>Jankovic, Jasna</td>
<td>DOD/Department of Defense/Giner</td>
<td>Portable CO Removal Device for Submarines</td>
<td>10/30/2020</td>
<td>20,000</td>
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<tr>
<td>Jankovic, Jasna</td>
<td>NSF/ENG/Directorate for Engineering</td>
<td>CAREER: Understanding degradation mechanisms in sustainable energy electrochemical systems using advanced characterization approaches</td>
<td>12/21/2020</td>
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<td>Singh, Prabhakar</td>
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<td>High Specific Power Primary Fuel Cell System</td>
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<td>SEED 18: Mechanistic-based Constitutive Modeling Of Mechanical Behavior for Polyurea Polymers with Experimental Validation</td>
<td>10/21/2020</td>
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<td>Nguyen, Thanh D</td>
<td>DHHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases/University of Connecticut Health Center</td>
<td>The Molecular Mechanism of the Surface charge of Piezoelectric materials for bone regenerative engineering</td>
<td>10/09/2020</td>
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* Awards are listed according to the tenure home of the PI on each project.*
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<th>Project Title</th>
<th>Award Date</th>
<th>Anticipated Award</th>
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<tr>
<td>Sung, Chih-Jen</td>
<td>NASA/National Aeronautics and Space Administration/University of Hartford</td>
<td>Measurement of dodecane droplet combustion under microgravity conditions achieved via sounding rocket as part of 2021 Spaceport America Cup</td>
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<td>Sung, Chih-Jen</td>
<td>Xunhe Sunshine Technology</td>
<td>Time-Resolved Particle Image Velocimetry Measurements in Turbulent Flows</td>
<td>12/19/2020</td>
<td>70,265</td>
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<td>Tang, Jiong</td>
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<td>SEED 23: Physics Informed Reduced Order Modeling (PI-ROM)</td>
<td>10/21/2020</td>
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<tr>
<td>Zhao, Xinyu</td>
<td>NSF/ENG/Directorate for Engineering</td>
<td>CAREER: Physics and modeling of flame extinction in presence of evaporating droplets</td>
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<td>Scheinfeldt, Joseph T</td>
<td>Kress (Samuel H.) Foundation</td>
<td>Charles VR: Towards an Understanding of the Potential of Virtual Reality for the Teaching and Learning of Art History</td>
<td>12/04/2020</td>
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<td>Thompson, Kenneth</td>
<td>Barnes Group</td>
<td>Interactive VR Safety Training Simulation</td>
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<td>Fontes, Alan</td>
<td>CT Office of Health Strategy</td>
<td>Core Data Analytics Solution (CDAS)</td>
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<tr>
<td>Fontes, Alan</td>
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<td>Core Data Analytics Solution (CDAS)</td>
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<td>Duluth Superior Area Community Foundation</td>
<td>International Center for Life Story Innovations and Practice Marketing Project</td>
<td>10/05/2020</td>
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<td>Chaudhuri, Bodhisattwa</td>
<td>Takeda Pharmaceuticals</td>
<td>Applicability and Calibration of CFD-DEM model for pharmaceutical processes</td>
<td>12/02/2020</td>
<td>130,012</td>
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<td>Li, Na</td>
<td>Center for Pharmaceutical Processing Research</td>
<td>CPPR: Continuous and scalable manufacture of redispersible nanoparticles</td>
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<td>Lu, Xiuling</td>
<td>Bausch Health</td>
<td>In Vitro Drug Release Assessment for Semi-Solid Products</td>
<td>12/01/2020</td>
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<td>Lu, Xiuling</td>
<td>Janssen Pharmaceuticals</td>
<td>Cryopreservation of T cells with exploration of cell freeze drying</td>
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<td>409,797</td>
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<td>Rickles, Nathaniel M</td>
<td>DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services</td>
<td>Academic Detailing on Opioid Safety in CT</td>
<td>10/20/2020</td>
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<td>Rickles, Nathaniel M</td>
<td>Pfizer</td>
<td>Patient Adherence Manuscript and Literature Review</td>
<td>10/30/2020</td>
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<td>Heller, Nina R</td>
<td>DHHS/CDC/Centers for Disease Control and Prevention/CT Department of Public Health</td>
<td>Agreement between the University of Connecticut School of Social Work and the Department of Public Health - COVID Response</td>
<td>11/04/2020</td>
<td>275,297</td>
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<th>PI Name</th>
<th>Sponsor</th>
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<th>Award Date</th>
<th>Total Anticipated Award</th>
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<td>Rodis, Eleni T</td>
<td>DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services</td>
<td>CT DMHAS SOR Supplement Mat in ACT Renewal 2020-21</td>
<td>12/28/2020</td>
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<td>Rodis, Eleni T</td>
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<td>PPW-PLT (PROUD: Parents Recovering from Opioid Use Disorders)</td>
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<td>Smith, Tanya</td>
<td>Fairfield County Community Foundation</td>
<td>The Campaign School for Social Workers</td>
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<td>Kuhn, Liisa T</td>
<td>Connecticut Breast Health Initiative/University of Connecticut Health Center</td>
<td>Personalized 3D Printed Forms Project</td>
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<td>University of Connecticut - Storrs &amp; Regional</td>
<td>National Collaborative on Gun Violence Research (NCGVJR) /Michigan State University</td>
<td>University of Connecticut - Storrs &amp; Regional $38,798,427</td>
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<td>Kuhn, Liisa T</td>
<td>DHHS/NIH/National Institute of Dental and Craniofacial Research</td>
<td>Modulated release of anti-senescence drugs to stimulate aged bone repair</td>
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<td>Craniofacial Sciences</td>
<td>National Collaborative on Gun Violence Research (NCGVJR) /Michigan State University</td>
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<td>Yadav, Sumit</td>
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<td>Role of Cellular Senescence in Alleviating TMJ Degeneration--2020 Biomedical Research Award (BRA)</td>
<td>10/08/2020</td>
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<td>Oral Health and Diagnostic Sciences</td>
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<td>School of Medicine</td>
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<td>Calhoun Cardiology Center - CCC</td>
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<td>Rash, Carla J</td>
<td>DHHS/NIH/National Institutes of Health/RTI International</td>
<td>The Substance Abuse Treatment to HIV car (SAT2HIV-II) Project. Award No. RTI Master Service Agreement 888-20-27-10 Subaward 2-312-0217620-66088L/Prime NIH 1R01 DA052294-01</td>
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<td>Cell Analysis Modeling - CCAM</td>
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<td>Blinov, Mikhail</td>
<td>NSF/National Science Foundation/University of Illinois, Chicago</td>
<td>Finding Your Inner Modeler-an interdisciplinary community solving problems in systems biology</td>
<td>11/20/2020</td>
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<td>Smilowitz, Henry</td>
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<td>Putting Gliomas to Sleep Long-Term Using Iodine Nanoparticles in Combination with Temozolomide</td>
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<td>Center for Vascular Biology</td>
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<td>Shapiro, Linda H</td>
<td>DHHS/NIH/National Institute of Neurological Disorders and Stroke/University of Texas</td>
<td>Role of CD13 in Ischemic Stroke. Award No: SA0000749/1R21NS114836-01A1</td>
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<td>Johnson (Robert Wood) Foundation</td>
<td>Continuing support for the Roundtable on Black Men and Women in the Sciences, Engineering and Medicine</td>
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<td>Lu, Jun</td>
<td>Corrona</td>
<td>The Corrona Atopic Dermatitis (AD550) Registry: A study of post approval drug safety and effectiveness.</td>
<td>11/16/2020</td>
<td>1,301,432</td>
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<td>Wang, Penghua</td>
<td>DHHS/NIH/National Institutes of Health</td>
<td>A Critical Role for UBXN3B in IgG Homeostasis and Maternal Transfer. Award No 1R21 AI155820-01</td>
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<td>Family Medicine</td>
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<td>Agresta, Thomas P</td>
<td>DHHS/HRSA/Health Resources and Services Administration/Community Health Center Association of Connecticut</td>
<td>Response to Telehealth Data Analysis Request for Proposal. Award No. CHCAC/HCCN 6H2QCS30239-04-02</td>
<td>12/10/2020</td>
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<td>Immunology</td>
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<td>Vella, Anthony T</td>
<td>DHHS/NIH/National Institutes of Health</td>
<td>Determining the Role of apoC-III in the Immune System. Award No. UPitt AWD00002047(134533-1)/5R01 DK118239-03</td>
<td>12/07/2020</td>
<td>119,720</td>
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<tr>
<td>Wang, Penghua</td>
<td>DHHS/NIH/National Institutes of Health</td>
<td>A Critical Role for UBXN3B in IgG Homeostasis and Maternal Transfer. Award No 1R21 AI155820-01</td>
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<td>Cavallari, Jennifer M</td>
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<td>NIOSH Occupational Health Psychology Training Grant</td>
<td>12/04/2020</td>
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<td>Elali, Ibrahim</td>
<td>Spectral Medical</td>
<td>Evaluating the use of Polymyxin B cartridge hemoperfusion for patients with specific shock and COVID 19.</td>
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<td>Lakshminarayanan, Santhanam</td>
<td>Kadmon</td>
<td>A Phase 2, Randomized, Placebo-controlled, double-blind, open label extension Multicenter Study to evaluate the efficacy and safety of KD025 in subjects with Diffuse Cutaneous Systemic Sclerosis.</td>
<td>10/29/2020</td>
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<td>Malchoff, Carl</td>
<td>Chiasma</td>
<td>The management of Acromegaly (MACRO) Regisyrg</td>
<td>11/09/2020</td>
<td>43,462</td>
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<td>Wakai, Sarakei T</td>
<td>CT General Assembly</td>
<td>CVH and WFH Forensic Employee Survey</td>
<td>12/16/2020</td>
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<td>Zhou, Yanjiao</td>
<td>USDA/National Institute of Food and Agriculture</td>
<td>Functional Modulation of the Microbiome-Gut Brain Axes by Walnut Consumption. Award No. USDA 2021-67017-34027</td>
<td>12/24/2020</td>
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<td>Neag Cancer Center (SOM)</td>
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<td>Andemariam, Biree</td>
<td>Imara</td>
<td>2b Study to Evaluate the Safety and Efficacy of IMR-687 in Subjects with Sickle Cell Disease.</td>
<td>12/18/2020</td>
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<td>Srivastava, Pramod K</td>
<td>Ludwig Institute for Cancer Research</td>
<td>Identification of cancer neoepitopes that can mediate tumor rejection</td>
<td>12/15/2020</td>
<td>150,000</td>
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</tbody>
</table>

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## Quarterly Award List by Academic Home Department

<table>
<thead>
<tr>
<th>PI Name</th>
<th>Sponsor</th>
<th>Project Title</th>
<th>Award Date</th>
<th>Total Anticipated Award</th>
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<tr>
<td><strong>Neuroscience</strong></td>
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<tr>
<td>Mohan, Royce</td>
<td>DHHS/NIH/National Eye Institute</td>
<td>Defining Corneal Schwann cells in injury</td>
<td>11/27/2020</td>
<td>451,000</td>
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<tr>
<td><strong>Orthopaedic Surgery</strong></td>
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<td>Journal Club Grant</td>
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<tr>
<td>Mazzocca, Augustus D</td>
<td>ONS Foundation for Clinical Research and Education</td>
<td>The Effects of Doxycycline, Platelet Rich Plasma and Depo-Medrol in Human Rotator Cuff Repair Co-Culture Model</td>
<td>11/24/2020</td>
<td>19,665</td>
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<tr>
<td><strong>Psychiatry</strong></td>
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<tr>
<td>Kamath, Jayesh</td>
<td>Otsuka American Pharmaceutical</td>
<td>A Multicenter, Open-label trial to evaluate the safety and tolerability of Brexiprazole in the treatment of adult subjects with borderline personality disorder.</td>
<td>10/13/2020</td>
<td>57,665</td>
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<td>Bruder, Mary E</td>
<td>DHHS/Department of Health and Human Services/CT Council on Developmental Disabilities</td>
<td>CT Council on Developmental Disabilities-Memorandum of Understanding</td>
<td>12/10/2020</td>
<td>74,892</td>
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<tr>
<td>O’Grady, Megan A</td>
<td>DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/Research Foundation for Mental Hygiene</td>
<td>Community I-Star Mozambique: Community Implementation of SBIRT Using Technology for Alcohol Use Reduction in Mozambique</td>
<td>11/12/2020</td>
<td>82,764</td>
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<tr>
<td>O’Grady, Megan A</td>
<td>DHHS/NIH/National Institute on Drug Abuse/New York University</td>
<td>Coaching Performance Driven Practice Change in the Context of Value Based Purchasing Under New York Medicaid</td>
<td>11/24/2020</td>
<td>255,676</td>
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<td>O’Grady, Megan A</td>
<td>DHHS/NIH/National Institute on Drug Abuse/Research Foundation for Mental Hygiene</td>
<td>Health and justice: a continuum of care for HIV and SU for justice-involved youth (Link2Care)</td>
<td>10/16/2020</td>
<td>23,721</td>
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<td>Ungemack, Jane A</td>
<td>DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services</td>
<td>Center for Prevention, Evaluation and Statistics (CPES)</td>
<td>10/09/2020</td>
<td>962,499</td>
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<td>Ungemack, Jane A</td>
<td>DHHS/SAMHSA/Substance Abuse and Mental Health Services Administration/CT Department of Mental Health and Addiction Services</td>
<td>State Opioid Response Grant</td>
<td>12/03/2020</td>
<td>229,995</td>
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### University of Connecticut Health

|                                                                 |                                                                 |                                                                 |             | $9,453,542              |
|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|             |                         |
| **Grand Total**                                                 |                                                                |                                                                |             | $48,251,969             |
| **Total**                                                       |                                                                |                                                                |             |                         |
| * Awards are listed according to the tenure home of the PI on each project. |

Report for Quarter Ending: 12/31/2020

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<table>
<thead>
<tr>
<th>Managing Department</th>
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<th>Anticipated Award</th>
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<td>Swallow, Stephen K (USDA/National Institute of Food and Agriculture)</td>
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<td>Project Title: Ecosystem services foundations for resilient communities: Agriculture, land use, coasts and energy for human well-being</td>
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<td><strong>Agriculture, Health and Natural Resources Dean</strong></td>
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<td>830,045</td>
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<td>FY2021 Hatch - Regular Capacity Grant</td>
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<td>Upadhyay, Abhinav (USDA/National Institute of Food and Agriculture)</td>
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<td>Developing plant-based drinking water supplements for controlling Salmonella and Campylobacter jejuni in broiler chickens</td>
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<td>D’Amico, Dennis Walker (George) (Milk Research Fund)</td>
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<tr>
<td>Characterizing the microbial composition of a novel American farmstead cheese</td>
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<td>Amalaradjou, Mary A (USDA/National Institute of Food and Agriculture)</td>
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<td>A comprehensive probiotic-based approach to promote layer performance, layer health and egg safety for small and midsize farms</td>
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<td>Upadhyay, Abhinav Center for Produce Safety</td>
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<tr>
<td>Application of ultra-fine bubble technology to reduce Listeria monocytogenes contamination of fresh produce</td>
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<td>Amalaradjou, Mary A Bactana</td>
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<td>Evaluating the Antimicrobial Efficacy of Bactana Products</td>
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<td>D’Amico, Dennis Lanxess USA</td>
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<td>6,816</td>
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<td>Mold Inhibition Challenge Study</td>
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<td>Martin, Jennifer L USDA/Food and Nutrition Service/CT Department of Public Health</td>
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<td>Establishing Connecticut's Farm-to-ECE Program</td>
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<td>Bartholomew, Candace L EPA/Environmental Protection Agency/eXtension Foundation</td>
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<td>UConn Extension Pesticide Safety Education Program</td>
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<td><strong>Kinesiology</strong></td>
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<td>The Effect of AMP Human PR Lotion on Hydration Study</td>
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<td>Frasca, Salvatore USDA/National Institute of Food and Agriculture/University of Florida</td>
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<td>Development of In Vitro and Molecular Diagnostic Tools for the Globally Emerging Tilapia Lake Virus</td>
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<td>Robust Self-decontaminating Coating for Defense Applications</td>
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<td>Lee, Dong-Hun Konkuk University Industrial Corporation Foundation</td>
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<td>Sequence analysis of avian influenza viruses identified in South Korea during 2020</td>
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<td><strong>Plant Science and Landscape Architecture</strong></td>
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<td>86,223</td>
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<td>Guillard, Karl USDA/Natural Resources Conservation Service</td>
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<td>Measuring Extractable Soil Phosphorus Increase from Dairy Cow Manure Applications</td>
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Report for Quarter Ending: 12/31/2020
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<th>PI Name</th>
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<th>Project Title</th>
<th>Award Date</th>
<th>Total Anticipated Award</th>
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<tr>
<td>Berkowitz, Gerald</td>
<td>Fine Fettle Dispensary (FFD United)</td>
<td>Identification of Transcription Factor Proteins and Other Factors that Regulate Trichome Initiation and Cannabinoid Levels in Cannabis</td>
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<td>Inguagiato, John C</td>
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<td>North Central Plant Diagnostic Network</td>
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<td>Yarish, Charles</td>
<td>W. L. Gore &amp; Associates</td>
<td>Service Agreement with W.L. Gore &amp; Associates</td>
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<td>Role of epigenomics and gene expression in the regulation of immune responses to white pine blister rust in sugar pine</td>
<td>12/14/2020</td>
<td>208,321</td>
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<td>Yuan, Yaowu</td>
<td>DHHS/NIH/National Institute of General Medical Sciences</td>
<td>Development and evolution of self-organizing pigmentation patterns</td>
<td>12/10/2020</td>
<td>1,411,676</td>
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<td>Babb, Ivar G</td>
<td>CT Department of Energy and Environmental Protection</td>
<td>Assessing Ecological Change and Resiliency in Long Island Sound</td>
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<td>52,053</td>
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<td>Vaudrey, Jamie M</td>
<td>New York Community Trust/Earthplace</td>
<td>Developing a strategy for deployment of a Community Data Platform</td>
<td>12/19/2020</td>
<td>6,712</td>
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<td>Dierssen, Heidi M</td>
<td>NASA/NASA Shared Services Center (NSSC)</td>
<td>PACE Science Team and Team Leader: Differentiating whitecaps and targets with non-negligible infrared reflectance</td>
<td>10/16/2020</td>
<td>443,376</td>
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<td>Vaudrey, Jamie M</td>
<td>Dominion Energy</td>
<td>Applying EcoGEM to Niantic River, CT</td>
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<td>White, Simon J</td>
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<td>Characterization of long-circulating phages isolated from in vivo mouse studies</td>
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<td>Angles-Alcazar, Daniel</td>
<td>NASA/National Aeronautics and Space Administration/University of Hartford</td>
<td>Improving supermassive black hole accretion models with cosmological hyper-refinement simulations - student Jonathan Mercedes-Feliz</td>
<td>12/24/2020</td>
<td>8,000</td>
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<td>Ostroff, Linnaea E</td>
<td>NSF/BIO/Directorate for Biological Sciences</td>
<td>Third Annual NeuroNex Investigator Meeting</td>
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<td>Mulkey, Daniel K</td>
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<td>Glial chemosensitivity and control of breathing in Rett syndrome</td>
<td>12/22/2020</td>
<td>2,109,559</td>
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<td>Magnuson, James S</td>
<td>Research Council of Norway/Norwegian University of Science and Technology</td>
<td>Excellence in graduate education and research in the cognitive and neural underpinnings of (typical and atypical) language development</td>
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<td>Robbins, Mark D</td>
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<td>Enhancing Fiscal Transparency in Uzbekistan's Budget</td>
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<td>Purkayastha, Bandana</td>
<td>Social Science Research Council/Michigan State University</td>
<td>Migrant precarity and COVID-19</td>
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<tr>
<td>Tufts, Jennifer</td>
<td>DOD/Navy/Office of Naval Research/Creare</td>
<td>Portable System for Auditory Situational Awareness Assessment and Training</td>
<td>10/15/2020</td>
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<tr>
<td>Tufts, Jennifer</td>
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<td>Occlusion Effect-Reducing Earplug with Pass-through Communication and Situational Awareness</td>
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<tr>
<td>Tufts, Jennifer</td>
<td>DHHS/CDC/National Institute for Occupational Safety and Health/Creare</td>
<td>A wireless audiometric headset that integrates hearing testing, education, and personalized hearing protection fitting</td>
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<td>McCoach, Dorothy E</td>
<td>ED/Department of Education/East Tennessee State University</td>
<td>Optimal Gifted and Talented Student Identification: Maximizing Efficacy, Efficiency, and Equity</td>
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<td>Freeman, Jennifer L</td>
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<td>Supported College and Career Readiness for Secondary Students with Emotional and Behavioral Problems</td>
<td>10/29/2020</td>
<td>497,173</td>
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<td>Caemmerer, Jacqueline M</td>
<td>Texas Woman's University (TWU)</td>
<td>Cross-Battery Cognitive-Achievement Relations</td>
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<td>Jankovic, Jasna</td>
<td>DOD/Department of Defense/Giner</td>
<td>Portable CO Removal Device for Submarines</td>
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<td>McCutcheon, Jeffrey R</td>
<td>DOE/Office of Energy Efficiency and Renewable Energy/DOE/Lawrence Berkeley National Laboratory</td>
<td>The National Alliance for Water Innovation</td>
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<td>Pattipati, Krishna R</td>
<td>MIRISE Technologies (Mobility Innovative Research Institute for Semiconductors)</td>
<td>Machine Learning Approaches for IGBT Fault Prognosis and Diagnosis in Vehicular Inverters Using HIL Verification and Driving Cycles</td>
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<td>Sung, Chih-Jen</td>
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<td>Measurement of dodecane droplet combustion under microgravity conditions achieved via sounding rocket as part of 2021 Spaceport America Cup</td>
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<td>The Molecular Mechanism of the Surface charge of Piezoelectric materials for bone regenerative engineering</td>
<td>10/09/2020</td>
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<td>CAREER: Understanding degradation mechanisms in sustainable energy electrochemical systems using advanced characterization approaches</td>
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<td>High Throughput Screening of Ultra-Thin Electrocaloric Materials Enabled by Additive Manufacturing</td>
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<td>Kuhn, Liisa T</td>
<td>Connecticut Breast Health Initiative/University of Connecticut Health Center</td>
<td>Personalized 3D Printed Forms Project</td>
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# Quarterly Award List by Managing Department

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<th>PI Name</th>
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<th>Project Title</th>
<th>Award Date</th>
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<tr>
<td>Singh, Prabhakar</td>
<td>NASA/National Aeronautics and Space Administration/Precision Combustion</td>
<td>High Specific Power Primary Fuel Cell System</td>
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<td>Sung, Chih-Jen</td>
<td>Xunhe Sunshine Technology</td>
<td>Time-Resolved Particle Image Velocimetry Measurements in Turbulent Flows</td>
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<td>Shin, Dong</td>
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<td>Roles of reticulon proteins in neurodegenerative disorders</td>
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<td>Mandoiu, Ion I</td>
<td>Pfizer</td>
<td>Exploring the impact of microbiome diversity on toxicological outcomes in preclinical species</td>
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<td>Khan, Omer</td>
<td>Semiconductor Research Corporation</td>
<td>Towards Efficient Parallelism, Resiliency and Security in Large Tiled Multicore Processors for AI Computing</td>
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<td>Ivan, John N</td>
<td>DOT/Department of Transportation/University of Maine</td>
<td>Safety Assessment of New England Roadways during the Covid-19 Pandemic</td>
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<td>Connecticut Cooperative Highway Research Program (Joint Highway Research Advisory Council Work Program FY21)</td>
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<td>Jackson, Eric D</td>
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<td>Advancing the behavioral safety analytic tools capabilities of the Connecticut department of transportation</td>
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<tr>
<td>Hebert, Rainer J</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>COMP 29: Advanced Double Hull Structural Configurations for Undersea Vehicles and Weapons</td>
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<td>Esmaili Zaghi, Arash</td>
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<td>COMP 24: Mechanical Characterization of Bolted Joints with Different Interface Conditions</td>
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<td>Malla, Ramesh B</td>
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<td>SEED 19: Material Characterization and Design Procedures for Inflatable Drop Stitch Structures</td>
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<td>Li, Ying</td>
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<td>SEED 18: Mechanistic-based Constitutive Modeling Of Mechanical Behavior for Polyeurea Polymers with Experimental Validation</td>
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<td>Park, Sung Yeul</td>
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<td>VentureWell</td>
<td>Land Maverick - Stage 2</td>
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<td>Frame, Lesley</td>
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<td>Seed 20: Additive Manufacturing for Undersea Applications</td>
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<td>Hebert, Rainer J</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>COMP 19: Qualification Support for additive manufacturing of production parts</td>
<td>10/21/2020</td>
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<tr>
<td>Christenson, Richard</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>ADMIN-03: NIUVT - Accelerating Technology Innovation and Capability Adoption for Current and Future Undersea Vehicles</td>
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<td>1,936,858</td>
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<td>Bollas, Georgios</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>COMP 25: Integrated analysis, design and operation evaluation of UUV Swarms</td>
<td>10/21/2020</td>
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<td>Christenson, Richard</td>
<td>DOD/Navy/Office of Naval Research</td>
<td>TRAN 01: Accelerating Transition of Smart Isolation Strategies Through Real-Time Hybrid Simulation</td>
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<td>Matassa, Catherine M</td>
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<td>COMP 30: Application of Synthetic Aperture Sonar in Characterizing Subsea Biota, Infrastructure, and Hazards Relevant to Sensitive Operating Environments</td>
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<td>Tang, Jiong</td>
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<td>SEED 23: Physics Informed Reduced Order Modeling (PI-ROM)</td>
<td>10/21/2020</td>
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<td>Hebert, Rainer J</td>
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<td>Comp-20: Evaluation of Additively Manufactured Corrugated Core Sandwich for Blast Mitigation</td>
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## Mechanical Engineering

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## UTC Institute for Advanced Systems Engineering

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<td>Bragin, Mikhail A</td>
<td>ISO New England/Rochester Institute of Technology</td>
<td>Investigation of Pricing with Inter-temporal Constraints</td>
<td>12/21/2020</td>
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## School of Fine Arts

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<td>Barnes Group</td>
<td>Interactive VR Safety Training Simulation</td>
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## School of Nursing

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<td>Fontes, Alan</td>
<td>CT Office of Health Strategy</td>
<td>Core Data Analytics Solution (CDAS)</td>
<td>10/16/2020</td>
<td>721,857</td>
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<td>Shellman, Juliette M</td>
<td>Duluth Superior Area Community Foundation</td>
<td>International Center for Life Story Innovations and Practice Marketing Project</td>
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## School of Pharmacy

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<td>Cryopreservation of T cells with exploration of cell freeze drying</td>
<td>11/20/2020</td>
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<td>Chaudhuri, Bodhisattwa</td>
<td>Takeda Pharmaceuticals</td>
<td>Applicability and Calibration of CFD-DEM model for pharmaceutical processes</td>
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## Quarterly Award List by Managing Department

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<td>Rickles, Nathaniel M</td>
<td>Pfizer</td>
<td>Patient Adherence Manuscript and Literature Review</td>
<td>10/30/2020</td>
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<td>Smith, Tanya</td>
<td>Fairfield County Community Foundation</td>
<td>The Campaign School for Social Workers</td>
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<td>Outcomes, and Jurisdictional Variations</td>
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<td>CT DMHAS SOR Supplement Mat in ACT Renewal 2020-21</td>
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<td>Scheinfeldt, Joseph T</td>
<td>Kress (Samuel H.) Foundation</td>
<td>Charles VR: Towards an Understanding of the Potential of Virtual Reality for</td>
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<td>the Teaching and Learning of Art History</td>
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<td>Valuing Rural Stewardship of Riverine Ecosystems: Transfer-Ready Water</td>
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<td>Academic Detailing on Opioid Safety in CT</td>
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<td>Caspi, Caitlin E</td>
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<td>A Multi-Component Intervention in the Hunger Relief Network to Improve Diet</td>
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<td>Among Adults Experiencing Food Insecurity</td>
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<td>Development of Non-Platinum Group Metal (PGM) Catalysts for Hydrogen</td>
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<td>Polymeric Carbyne Mimics and Main-Group Element-Containing Conjugated Polymers Derived from trans-Enediyne Monomers</td>
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<td>Particulate Carbon Filtration Using Nanoarray Configured Porous Metal Monolith for Efficient Space Oxygen Recovery</td>
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<th>Total Anticipated Award</th>
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<td>Shahbazmohamadi, Sina</td>
<td>Carl Zeiss Microscopy</td>
<td>Automated Segmentation of High-Resolution Brain Images Using Synthesized Images</td>
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<td>Wireless, Implantable Optofluidic Systems for Programmed Pharmacology and Optogenetics</td>
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<td>Program in Materials, Additive and Secure Manufacturing, and Multiscale Materials Engineering (3ME)</td>
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<td>Collaborative Research: CRISPR−SERS system for rapid and ultrasensitive detection of foodborne bacterial pathogens</td>
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<td>SenSE:Wearable hybrid biochemical and biophysical sensing systems integrated with robust artificial intelligence for monitoring COVID-19 patients</td>
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<td>Modulated release of anti-senescence drugs to stimulate aged bone repair</td>
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<td>Personalized 3D Printed Breast Forms</td>
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<td>American Association of Orthodontists Foundation</td>
<td>Role of Cellular Senescence in Alleviating TMJ Degeneration--2020 Biomedical Research Award (BRA)</td>
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<td>Rash, Carla J</td>
<td>DHHS/NIH/National Institutes of Health/RTI International</td>
<td>The Substance Abuse Treatment to HIV car (SAT2HIV-II) Project. Award No. RTI Master Service Agreement 888-20-27-10 Subaward 2-312-0217620-66098L/Prime NIH 1R01 DA052294-01</td>
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<td>Cell Analysis Modeling - CCAM</td>
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<td>Blinov, Mikhail</td>
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<td>Finding Your Inner Modeler-an interdisciplinary community solving problems in systems biology</td>
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<td>Cell Biology</td>
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## Quarterly Award List by Managing Department

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<tr>
<th>PI Name</th>
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<th>Total Anticipated Award</th>
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<td>Smilowitz, Henry</td>
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<td>Putting Gliomas to Sleep Long-Term Using Iodine Nanoparticles in Combination with Temozolomide</td>
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<td>Shapiro, Linda H</td>
<td>DHHS/NIH/National Institute of Neurological Disorders and Stroke/University of Texas</td>
<td>Role of CD13 in Ischemic Stroke. Award No: SA0000749/1R21NS14836-01A1</td>
<td>10/08/2020</td>
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<td><strong>Connecticut Convergence Institute</strong></td>
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<td>Johnson (Robert Wood) Foundation</td>
<td>Continuing support for the Roundtable on Black Men and Women in the Sciences, Engineering and Medicine</td>
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<td>Corrona</td>
<td>The Corrona Atopic Dermatitis (AD550) Registry: A study of post approval drug safety and effectiveness.</td>
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<td>1,301,432</td>
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<td>Lu, Jun</td>
<td>Janssen Pharmaceuticals</td>
<td>2021 Janssen Biotech-Clinical Trials Dermatology Fellowship Support-Award # FS20377</td>
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<td>Lu, Jun</td>
<td>Regeneron Pharmaceuticals</td>
<td>Multi-center, randomized, double-blind, placebo-controlled, parallel group study to evaluate the efficacy and safety of dupilumab in adult patients with bullous pemphigoid.</td>
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<td>DHHS/HRSA/Health Resources and Services Administration/Community Health Center Association of Connecticut</td>
<td>Response to Telehealth Data Analysis Request for Proposal. Award No. CHCAC/HCCN 6H2QCS30239-04-02</td>
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<td>Wang, Penghua</td>
<td>DHHS/NIH/National Institutes of Health</td>
<td>A Critical Role for UBXN3B in IgG Homeostasis and Maternal Transfer. Award No 1R21 AI155820-01</td>
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<td>Vella, Anthony T</td>
<td>DHHS/NIH/National Institutes of Health/University of Pittsburgh</td>
<td>Determining the Role of apoC-III in the Immune System. Award No. UPitt AWD00002047/(345333-1)/5R01 DK118239-03</td>
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<td>Spectral Medical</td>
<td>Evaluating the use of Polymyxin B cartridge hemoperfusion for patients with septic shock and COVID 19.</td>
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<td>USDA/National Institute of Food and Agriculture</td>
<td>Functional Modulation of the Microbiome-Gut Brain Axes by Walnut Consumption. Award No. USDA 2021-67017-34027</td>
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<td>Cavallari, Jennifer M</td>
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<td>NIOSH Occupational Health Psychology Training Grant</td>
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<td>Lakshminarayanan, Santhnan</td>
<td>Kadmon</td>
<td>A Phase 2, Randomized, Placebo-controlled, double-blind, open label extension Multicenter Study to evaluate the efficacy and safety of KD025 in subjects with Diffuse Cutaneous Systemic Sclerosis.</td>
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<td>Malchoff, Carl</td>
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<td>The management of Acromegaly (MACRO) Registry</td>
<td>11/09/2020</td>
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<td>Wakai, Sarakei T</td>
<td>CT General Assembly</td>
<td>CVH and WFH Forensic Employee Survey</td>
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<td>2b Study to Evaluate the Safety and Efficacy of IMR-687 in Subjects with Sickle Cell Disease.</td>
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<td>Srivastava, Pramod K</td>
<td>Ludwig Institute for Cancer Research</td>
<td>Identification of cancer neoepitopes that can mediate tumor rejection</td>
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<td><strong>Neuroscience</strong></td>
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<th>Award Date</th>
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<td>Mohan, Royce</td>
<td>DHHS/NIH/National Eye Institute</td>
<td>Defining Corneal Schwann cells in injury</td>
<td>11/27/2020</td>
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<td>The Effects of Doxycycline, Platelet Rich Plasma and Depo-Medrol in Human Rotator Cuff Repair Co-Culture Model</td>
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<td>Kamath, Jayesh</td>
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<td>A Multicenter, Open-label trial to evaluate the safety and tolerability of Brexipiprazole in the treatment of adult subjects with borderline personality disorder.</td>
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<td>State Opioid Response Grant</td>
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<td>Center for Prevention, Evaluation and Statistics (CPES)</td>
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<td>Bruder, Mary E</td>
<td>DHHS/Department of Health and Human Services/CT Council on Developmental Disabilities</td>
<td>CT Council on Developmental Disabilities-Memorandum of Understanding</td>
<td>12/10/2020</td>
<td>74,892</td>
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<tr>
<td>O'Grady, Megan A</td>
<td>DHHS/NIH/National Institute on Drug Abuse/Research Foundation for Mental Hygiene</td>
<td>Health and justice: a continuum of care for HIV and SU for justice-involved youth (Link2Care)</td>
<td>10/16/2020</td>
<td>23,721</td>
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<td>O'Grady, Megan A</td>
<td>DHHS/NIH/National Institute on Drug Abuse/New York University</td>
<td>Coaching Performance Driven Practice Change in the Context of Value Based Purchasing Under New York Medicaid</td>
<td>11/24/2020</td>
<td>255,676</td>
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<tr>
<td>O'Grady, Megan A</td>
<td>DHHS/NIH/National Institute on Alcohol Abuse and Alcoholism/Research Foundation for Mental Hygiene</td>
<td>Community I-Star Mozambique: Community Implementation of SBIRT Using Technology for Alcohol Use Reduction in Mozambique</td>
<td>11/12/2020</td>
<td>82,764</td>
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<tr>
<td><strong>University of Connecticut Health</strong></td>
<td></td>
<td><strong>34 Awards</strong></td>
<td></td>
<td><strong>$9,453,542</strong></td>
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<td><strong>Grand Total</strong></td>
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<td><strong>158 Awards</strong></td>
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<td><strong>$48,251,969</strong></td>
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