

**Delaware State Clearinghouse Committee
Revised March Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
March 26, 2024 @ 10:00am

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Federal	Positions State	Other
New Business*									
1	6201	Department of State, Office of the Director, Historic Preservation	African American Civil Rights History Grant	\$75,000	\$12,294	\$0	0.00	0.10	0.00
2	6244	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Delaware Natural Estuarine Research Reserve Restoration of Habitat at Blackbird Creek – IJJA	\$353,746	\$0	\$0	0.00	0.00	0.00
3	2024-01-03-01	Department of Safety and Homeland Security, State Police, Transportation	Local Government First Responder Electric Vehicle Grant	\$0	\$0	\$169,265	0.00	0.00	0.00
4	6095 Amendment	Department of Agriculture, Forest Service	Urban and Community Forestry - Core Program 2.00* NSF Positions Request	\$0	\$0	\$0	1.35*	0.00	0.00
5	6266	Department of Education, Student Support	Child Nutrition Program Technology Innovation	\$373,134	\$0	\$0	0.00	0.00	0.00
Continued									
1	6230	Legal, Department of Justice	High Intensity Drug Trafficking Areas	\$130,842	\$0	\$0	0.00	0.00	0.00
2	6219	Department of Health and Social Services, Public Health, Community Health	National and State Tobacco Control Program	\$991,511	\$0	\$0	5.60	0.00	0.00
3	3798 Amendment	Department of Natural Resources and Environmental Control, Natural Resources, Fish and Wildlife	Habitat Development Program	\$618,750	\$206,250	\$0	1.03	0.81	0.00
4	5046 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Clean Cities Coalition Grant	\$55,000	\$0	\$0	0.00	0.00	0.00
5	6198	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	\$1,849,251	\$97,329	\$0	7.30	0.30	0.00
6	6221	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 154 Sanction Grant	\$1,399,396	\$0	\$0	0.00	0.00	0.00
7	5250 Amendment	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Public Assistance Hurricane Ida	\$3,131,382	-\$320,963	\$0	0.00	0.00	0.00
8	6223	Department of Transportation, Planning	Delaware Aviation System Planning	\$48,150	\$5,350	\$0	0.00	0.00	0.00
9	6228	Department of Agriculture, Agricultural Marketing Service	Senior Farmer's Market Nutrition Program	\$60,000	\$0	\$0	0.00	0.00	0.00
10	6092 Amendment	Department of Agriculture, Forest Service	Forest Health	\$0	\$0	\$0	0.08*	0.00	0.00
11	6093 Amendment	Department of Agriculture, Forest Service	Forest Stewardship	\$0	\$0	\$0	0.17*	0.00	0.00
12	6094 Amendment	Department of Agriculture, Forest Service	State Fire Assistance	\$0	\$0	\$0	0.30*	0.00	0.00
13	6096 Amendment	Department of Agriculture, Forest Service	Volunteer Fire Assistance	\$0	\$0	\$0	0.10*	0.00	0.00
Higher Education									
1	2024-03-02-01	University of Delaware	PROPEL: Creating an Environment for Biomufacturing Innovation and Workforce	\$13,978,228	\$0	\$0			
2	2024-03-02-02	University of Delaware	Collaborative Research: Autonomous Navigation and Independent Maneuvering with Agile Legged Swimmers (ANIMALS)	\$357,010	\$0	\$0			
3	2024-03-02-03	University of Delaware	TRAILBLAZER: The 7th Sense: A Synergistic Human-AI Interaction Framework for Augmenting Human Capabilities	\$1,911,749	\$0	\$0			
4	2024-03-02-04	University of Delaware	HelioSwarm: The Nature of Turbulence in Space Plasmas Phase B Prep	\$0	\$0	\$23,983			

*New Business requires the attendance of the Contact Person.
Available on the internet at <http://budget.delaware.gov/clearinghouse/abm.shtml>

5	2024-03-02-05	University of Delaware	PowerEdge XE8640 GPU Cluster for Molecular Dynamics Simulations and Machine Learning Computational Vibrational Spectroscopy of Ion Channels	\$170,417	\$0	\$0
6	2024-03-02-06	University of Delaware	Delmarva Resilience	\$0	\$0	\$30,992
7	2024-03-02-07	University of Delaware	Understanding Coastal Soil Salinity Dynamics Through Spectral Unmixing and Hydroclimatic Driver Assessment.	\$92,877	\$0	\$0
8	2024-03-02-08	University of Delaware	Impact of Lagrangian Coherent Structures on the Distribution of Phytoplankton in the Mid- Atlantic Bight Using Space-Based and Airborne LiDAR	\$143,849	\$0	\$0
9	2024-03-02-09	University of Delaware	Lagrangian Approaches to Understanding Phytoplankton Patchiness	\$143,849	\$0	\$0
10	2024-03-02-10	University of Delaware	Simulating Solar Neighborhood Brown Dwarfs to Guide Archival Searches and Future Surveys	\$143,088	\$0	\$0
11	2024-03-02-11	University of Delaware	Mobile Lab for Bridge Load Testing and Bridge Performance Testing-Feasibility and Conceptual Framework Study	\$4,000	\$0	\$0
12	2024-03-02-12	University of Delaware	Collaborative Research: Single Cell Analysis and Modeling of a Cellular Counting Mechanism in the Multiple Fission Alga Chlamydomonas	\$130,523	\$0	\$0
13	2024-03-02-13	University of Delaware	Optical Neural Motes to Enable High Density Recording Through Intact Dura in a Nonhuman Primate	\$0	\$0	\$17,500
14	2024-03-02-14	University of Delaware	Using Daily Absenteeism Data to Improve Educational Practice: Identifying Absenteeism Patterns, Their Importance, and what Schools and District Can do to Limit Accumulation	\$0	\$0	\$113,205
15	2024-03-02-15	University of Delaware	TRAILBLAZER: Catalyzing the Sustainability Transition (SAIT)	\$1,911,044	\$0	\$0
16	2024-03-02-16	University of Delaware	Role of Organelle Dynamics and Retrograde Signaling During Plant Innate Immunity	\$0	\$0	\$705,554
17	2024-03-02-17	University of Delaware	A Multilevel Analysis of Risk for Aggression	\$0	\$0	\$932,557
18	2024-03-02-18	University of Delaware	PAYS Survey Design Consultant	\$0	\$0	\$151,515
19	2024-03-02-19	University of Delaware	EFRI Begin OI: Teaching Non-Brain Organoids to Think: Programmable Organoid Intelligence Using Neuronal Networks Implemented by Gene Circuits (Progenic)	\$0	\$0	\$368,751
20	2024-03-02-20	University of Delaware	RFA-010, Microporous Organic Polymer (MOP) Based Monoliths: Atom Transfer Radical Polymerization (ATRP) Synthesis from Dual-Role Synthons and Application for Carbon Dioxide Capture and Catalytic Conversion of Carbon Dioxide, STMD	\$93,000	\$0	\$0
21	2024-03-02-21	University of Delaware	Improving the Quality of Evidence on Racial Disproportionately in Special Education: Fundamental Limitations from Current Approaches and the Application of New Methods Towards Proper Identification	\$0	\$0	\$20,979
22	2024-03-02-22	University of Delaware	Paternal Control of the Oocyte-to-Embryo Transition in C. Elegans	\$0	\$0	\$418,768
23	2024-03-02-23	University of Delaware	Collaborative Research: Tracking Nutrient Dynamics in Plant-Microbe Symbioses in Controlled Environments	\$319,097	\$0	\$0
24	2024-03-02-24	University of Delaware	NCHRP 08-181 Impacts of Climate Change and Extreme Weather on the Mobility of Socially Vulnerable Populations	\$0	\$0	\$52,173
25	2024-03-02-25	University of Delaware	Theme 1: AI Institute for Data-Driven Discovery in Astronomy	\$0	\$0	\$447,177
26	2024-03-02-26	University of Delaware	Computationally Designed Coiled Coil 'Bundlers' as Model Colloidal Nanoparticles for Solution Assembly and Materials Design	\$641,364	\$0	\$0
27	2024-03-02-27	University of Delaware	Delaware INBRE - Supplement	\$183,454	\$0	\$0
28	2024-03-02-28	University of Delaware	Unveiling the Layers of Food Stigma	\$0	\$0	\$68,926
29	2024-03-02-29	University of Delaware	National Research and Development Center on Elementary Science Education	\$0	\$0	\$406,224
30	2024-03-02-30	University of Delaware	Field Evaluation of a Novel Water Treatment System in Commercial Boiler Operations	\$0	\$0	\$6,148
31	2024-03-02-31	University of Delaware	CDI Mid-Atlantic 2024	\$0	\$0	\$93,549
32	2024-03-02-32	University of Delaware	Unravelling Patterns and Processes of Terrestrial and Aquatic Carbon Fluxes Under Hydroclimate Extremes	\$0	\$0	\$105,960

33	2024-03-02-33	University of Delaware	Service and Maintenance of the Chesapeake Bay Ocean Acidification Monitoring Station: In Support of National Ocean Acidification Observing Network (NOA-ON) Program FY24-26	\$0	\$0	\$65,625
34	2024-03-02-34	University of Delaware	Collaborative Research: EDGE-CMT: Allelic Expression Dynamics During Development and its Roles in Genotype-Phenotype Relationships	\$691,913	\$0	\$0
35	2024-03-02-35	University of Delaware	Practical Data-Centric AI/ML for Biomedical Researchers	\$75,106	\$0	\$0
36	2024-03-02-36	University of Delaware	Toolkit for Fast, Multipurpose and Inducible Bioorthogonal Chemistry - Equipment Supplement	\$65,597	\$0	\$0
37	2024-03-02-37	University of Delaware	Cerebrovascular and Cognitive Function in Chronic Kidney Disease	\$0	\$0	\$272,727
38	2024-03-02-38	University of Delaware	RFA-035, Small Reentry System for Commercial Payload Return, SOMD	\$93,000	\$0	\$0
39	2024-03-02-39	University of Delaware	RFA-020, Astronaut Restraints and Mobility Aids for Microgravity Spacecraft, ESDMD STMD	\$93,000	\$0	\$0
40	2024-03-02-40	University of Delaware	Sexism in Gaming Impacts Girls' Well-Being and Mental Health	\$349,058	\$0	\$0
41	2024-03-02-41	University of Delaware	Delaware INBRE	\$74,157	\$0	\$0
42	2024-03-02-42	University of Delaware	Addressing Lima Bean Diseases Through Cultivar Resistance and No-Till Planting	\$196,168	\$0	\$0
43	2024-03-02-43	University of Delaware	Youth Homelessness System Improvement (YHSI) Building on Partnerships Through Lived Experiences and Building an Integrated Data System	\$0	\$0	\$412,672
44	2024-03-02-44	University of Delaware	R/V Hugh R Sharp Ship Operations CY 2024-2028	\$4,936,285	\$0	\$0
45	2024-03-02-45	University of Delaware	Collaborative Research: NSF-BSF: Analyzing the Hydraulic Functioning of Connected Onshore-Offshore Freshened Groundwater Reserves	\$272,079	\$0	\$0
46	2024-03-02-46	University of Delaware	Collaborative Research: The Synthesis of Polymer Ionophores and Fabrication of Potentiometric Sensors for Carbonate Ion Detection in the Ocean	\$129,465	\$0	\$0
47	2024-03-02-47	University of Delaware	Collaborative Research: High-Resolution Modeling of Frazil Ice Generation in Turbid, Turbulent Coastal Waters	\$294,879	\$0	\$0
48	2024-03-02-48	University of Delaware	Model-Based Design of Experiments Methodology for Minimizing Experimental Efforts During Biopharmaceutical Drug Substance Development	\$0	\$0	\$130,974
49	2024-03-02-49	University of Delaware	Development of Complementary Machine Learning Workflows and RheoSANS-Microscope Instrumentation for Multiscale Characterization of Soft Matter Under Non-Equilibrium Conditions	\$990,628	\$0	\$0
50	2024-03-02-50	University of Delaware	Discovery of Chemical Probes and Therapeutic Leads: Equip Supplement	\$111,592	\$0	\$0
51	2024-03-02-51	University of Delaware	Mechanosignaling in Pediatric Brain Cancers	\$0	\$0	\$218,058
52	2024-03-02-52	University of Delaware	Developing MWEEs for the Indian River School District	\$0	\$0	\$48,501
53	2024-03-02-53	University of Delaware	Project Sentinel: Biopharma Supply Chain Resilience Via Digital Twinning	\$0	\$0	\$259,748
54	2024-03-02-54	University of Delaware	TRAILBLAZER: Nature vs. Nurture in Digital Twins, Triplets, Quadruplets, and Beyond	\$1,913,038	\$0	\$0
55	2024-03-02-55	University of Delaware	Collaborative Research: A Distributed Sensor Network for the Ocean's Bottom Boundary Layer	\$1,768,104	\$0	\$0
56	2024-03-02-56	University of Delaware	FuSe2 Topic 3: Super-Semiconductors with Ultrahigh Electrical Conductivity for Energy-Efficient Electronic Devices	\$951,188	\$0	\$0
57	2024-03-02-57	University of Delaware	Inspection / Light Work Class Remotely Operated Vehicle (ROV) for Improved Ocean Research Support from the University Of Delaware Research Vessel Hugh R. Sharp	\$791,767	\$0	\$0
58	2024-03-02-58	University of Delaware	2024 DOS ECA Excellence in Chinese Language and Culture NSLI-Y	\$0	\$0	\$361,856
59	2024-03-02-59	University of Delaware	Recycled Carrier Modulator for Low NF and High Linearity Microwave Photonic Links	\$0	\$0	\$118,463
60	2024-03-02-60	University of Delaware	Connecting Pest Management Resources and Technology to Delaware Stakeholders	\$877,006	\$0	\$0

61	2024-03-02-61	University of Delaware	Ammonia Stop Litter Amendment: Laboratory Experimental Evaluation Study	\$0	\$0	\$16,000
62	2024-03-02-62	University of Delaware	DURIP: Low Noise Testing Platform for Tracking the Dynamics of the Nanoscale Optoelectronic Devices with Electronic Gain	\$58,691	\$0	\$0
63	2024-03-02-63	University of Delaware	Annie E. Casey Foundation Kids Count Delaware Project Support 2024	\$0	\$0	\$52,174
64	2024-03-02-64	University of Delaware	Launching into Adulthood and Understanding College Health (LAUNCH): A Mixed-Method Exploration of the Transition to College	\$275,001	\$0	\$0
65	2024-03-02-65	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$202,425	\$0	\$0
66	2024-03-02-66	University of Delaware	Nephrogenesis on a Chip: A Simple Modular Platform to Spatially Pattern Extracellular Matrix, Stromal Cells, and Soluble Factors	\$275,000	\$0	\$0
67	2024-03-02-67	University of Delaware	In Vitro Evaluation of Vaginal Lubricant and Estrogen Therapies in Menopause Using in a Novel Microphysiological Model	\$275,000	\$0	\$0
68	2024-03-02-68	University of Delaware	Host Membrane Targeting by Phosphoinositide Binding Bacterial Effectors	\$275,000	\$0	\$0
69	2024-03-02-69	University of Delaware	Cell Wall-Derived Pet Radiotracers for Specific Imaging of Bacteria in Prosthetic Joint Infections	\$0	\$0	\$320,000
70	2024-03-02-70	University of Delaware	Trailblazer: Engineering a Scalable and Robust Approach to Linking Superconducting Quantum Computers to an Optical Quantum Internet	\$2,580,042	\$0	\$0
71	2024-03-02-71	University of Delaware	DURIP: High-Resolution Mass Spectrometry for Biocontainment Research & Education	\$505,135	\$0	\$0
72	2024-03-02-72	University of Delaware	Delaware Center for Musculoskeletal Research, Administrative Supplement for Equipment	\$250,000	\$0	\$0
73	2024-03-02-73	University of Delaware	Selenoprotein K at the Intersection of Cellular Pathways in Cancer	\$100,000	\$0	\$0
74	2024-03-02-74	University of Delaware	DPAA Mission Designation 24-1FM	\$0	\$0	\$245,271
75	2024-03-02-75	University of Delaware	Exploring Access and Decision Making in Post-School Pathways for Youth on the Autism Spectrum	\$0	\$0	\$346,032
76	2024-03-02-76	University of Delaware	Consequences of Sea-Level Driven Vegetation Shifts in a Coastal Forest Dieback Experiment	\$0	\$0	\$205,200
77	2024-03-02-77	University of Delaware	MCA: Robust Perceptive Locomotion for Humanoid Robots	\$236,139	\$0	\$0
78	2024-03-02-78	University of Delaware	NCHRP 08-181 Impacts of Climate Change and Extreme Weather on the Mobility of Socially Vulnerable Populations	\$0	\$0	\$51,659
79	2024-03-02-79	University of Delaware	Establishing a Stable Production Cell Line for Recombinant AAV Through Synthetic Dynamic Regulation and Reducing Regulatory and Metabolic Limitations	\$341,106	\$0	\$0
80	2024-03-02-80	University of Delaware	Millea_PED Atlantic Sturgeon Recruitment and Spawning Run Abundance Monitoring in the Delaware River, USA	\$184,059	\$0	\$0
81	2024-03-02-81	University of Delaware	Coastal States Stewardship Foundation/Marco Maracoos Support	\$0	\$0	\$78,125
82	2024-03-02-82	University of Delaware	Using Eprotein Discovery™ to Access Challenging-to-Manufacture Proteins Across a Diverse R&D Network	\$0	\$0	\$0
83	2024-03-02-83	University of Delaware	Promoting Internships in French at the University of Delaware	\$0	\$0	\$20,000
84	2024-03-02-84	University of Delaware	The Eye as a Window into Sickle Cell Disease Morbidity - Using Machine Learning and Genomic Information to Predict Retinal and Brain Damage	\$0	\$0	\$200,000
85	2024-03-02-85	University of Delaware	High Throughput Bacterial Macrophage Invasion Systems for the Development of Trojan Horse Mucus Inhibitors for Cystic Fibrosis	\$0	\$0	\$248,412
86	2024-03-02-86	University of Delaware	Motz_PED: Using Chemical Tracers to Improve Marine Ecosystem Models and Fisheries Management in a Changing Ocean: A Mid-Atlantic Case Study	\$187,500	\$0	\$0
87	2024-03-02-87	University of Delaware	Longitudinal Associations Between Discrimination and C-Reactive Protein in U.S. Black Adults	\$0	\$0	\$9,969
88	2024-03-02-88	University of Delaware	Sustainable Mobility & Accessibility Regional Transportation Equity Research (SMARTER) Center	\$0	\$0	\$127,906
89	2024-03-02-89	University of Delaware	Modulated Electrification of Chemical Manufacturing	\$649,173	\$0	\$0
90	2024-03-02-90	University of Delaware	University of Delaware (UD) U-GAIN Center on AI in Education	\$7,028,198	\$0	\$0

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91	2024-03-02-91	University of Delaware	Rusty Rhizosphere: Understanding Fe Plaque Formation and Transformation in the Rice Rhizosphere and the Consequent Fate of As And P	\$767,846	\$0	\$0
92	2024-03-02-92	University of Delaware	Greenhouse Gas Emissions from Different Grazing Systems on the Eastern Shore of Maryland	\$0	\$0	\$50,000
93	2024-03-02-93	University of Delaware	Unraveling the Effect of Biomass Pretreatment Impurities on Catalytic Production of Sustainable Aviation Fuels	\$649,172	\$0	\$0
94	2024-03-02-94	University of Delaware	Sedentary Behavior in Knee Osteoarthritis: A Nationwide Internet-Recruited Observational Study	\$2,575,867	\$0	\$0
95	2024-03-02-95	University of Delaware	Collaborative Research: CSR: Small: CADaaS: Deterministic Communication and Computation for Connected Autonomous Driving as a Service	\$187,735	\$0	\$0
96	2024-03-02-96	University of Delaware	MCA: Advancing the Embodiment of Lower Limb Protheses for Real-World Dynamic and Compliant Terrains	\$323,819	\$0	\$0
97	2024-03-02-97	University of Delaware	Correlating Biosecurity Data to Waterfowl Risk Scoring Using the WaterFowl Alert Network (WFAN) to Identify Novel and Actionable Risk Factors Associated with Commercial Poultry Farms Affected by Highly Pathogenic Avian Influenza (HPAI)	\$0	\$0	\$35,062
98	2024-03-02-98	University of Delaware	High-Throughput Spectroscopic Tools that Reduce the Equipment, Time, and Material Volume Required to Characterize New Compounds	\$0	\$0	\$88,739
99	2024-03-02-99	University of Delaware	Roles and Interplay of the Multiple Processes Underlying Exploratory and Adaptive Sensorimotor Behavior	\$1,918,359	\$0	\$0
100	2024-03-03-01	University of Delaware	Are Striped Cucumber Beetles Developing Pyrethroid Resistance in the Mid-Atlantic?	\$0	\$0	\$1,184
101	2024-03-03-02	University of Delaware	Beyond Adoption: Theory and Empirics to Predict and Understand the Sustained Use of Cover Crops by Agricultural Producers	\$0	\$0	\$55,357
102	2024-03-03-03	University of Delaware	To Borrow a Phrase: An Investigation of the News Media's Role in Racialized Student Loan Policy Communication	\$0	\$0	\$3,853
103	2024-03-03-04	University of Delaware	Electrophoretically Deposited Nanocomposite Sensors with Rope Contraction and Angle Sensor Module for in Situ Mooring Condition Monitoring System	\$0	\$0	\$94,444
104	2024-03-03-05	University of Delaware	Collaborative Research: Paralog-Specific Regulons from a Single Network Architecture: A New Mechanism of Transcription Factor Functional Divergence	\$187,218	\$0	\$0
105	2024-03-03-06	University of Delaware	Understanding Structural Evolution and Mechanistic Transformations in Multifunctional Catalysts for Biomass Conversion to Sustainable Aviation Fuel	\$686,537	\$0	\$0
106	2024-03-03-07	University of Delaware	Adding Insult to Injury: Determining the Effects of Mild Traumatic Brain Injury History on Age-Related Balance Decline	\$2,931,812	\$0	\$0
107	2024-03-03-08	University of Delaware	The Mechanisms Underlying Posterior Capsular Opacification	\$2,121,245	\$0	\$0
108	2024-03-03-09	University of Delaware	Delaware INBRE (Supplement)	\$623,466	\$0	\$0
109	2024-03-03-10	University of Delaware	Investigating Viral Influences Within Subsurface Oil Reservoirs	\$0	\$0	\$125,000
110	2024-03-03-11	University of Delaware	Enzymatic Activity and Structure of E. coli's RNA Cap Decapping Protein: NudC	\$0	\$0	\$1,000
111	2024-03-03-12	University of Delaware	Quantum-Classical Algorithms for Hybrid Extreme-Scale and Quantum Computing Systems	\$651,134	\$0	\$0
112	2024-03-03-13	University of Delaware	Discovery of Molecular Probes and Therapeutic Leads, Phase II	\$667,324	\$0	\$0
113	2024-03-03-14	University of Delaware	From Vine to Table: Exploring Consumer Preferences and Sensory Perceptions for Watermelon Varieties	\$0	\$0	\$9,576
114	2024-03-03-15	University of Delaware	RISE: Resilient, Intelligent, Safe and Equitable Autonomous Vehicle Systems for Rural and Tribal Communities	\$0	\$0	\$402,430
115	2024-03-03-16	University of Delaware	Probing the Formation and Evolution of the Atlantis Massif Oceanic Core Complex with Olivine Trace Elements	\$0	\$0	\$1,440
116	2024-03-03-17	University of Delaware	Physics-Informed AI-powered Data Fusion and Augmentation Toward Intra-Wave Driven Beach Morphodynamics (PAD-FABM)	\$0	\$0	\$137,804
117	2024-03-03-18	University of Delaware	Plasmodesmal Targeting: Rules and Machinery	\$930,478	\$0	\$0
118	2024-03-03-19	University of Delaware	Improving Professional Development in Mathematics by Understanding the Mechanisms that Translate Teacher Learning into Student Learning	\$92,215	\$0	\$0

119	2024-03-20	University of Delaware	MCA: Farmers' Behavior Toward Data Governance Linked to Smart Farming for Sustainable Agrifood Systems	\$0	\$0	\$8,444
120	2024-03-21	University of Delaware	Towards the Automated Detection of Counterfeit Identification with Artificial Intelligence and Data Fusion	\$0	\$0	\$6,250
121	2024-03-22	University of Delaware	Towards the Automated Detection of Counterfeit Identification with Artificial Intelligence and Data Fusion	\$0	\$0	\$6,250
122	2024-03-23	University of Delaware	Understanding Degradation and Regeneration Pathways in CO2 Reduction Electrocatalysts Via Machine Learning	\$0	\$0	\$6,250
123	2024-03-24	University of Delaware	Understanding Degradation and Regeneration Pathways in CO2 Reduction Electrocatalysts Via Machine Learning	\$0	\$0	\$6,250
124	2024-03-25	University of Delaware	A Proposal to Improve the Kmb Capacity of Education Researchers	\$316,950	\$0	\$0
125	2024-03-26	University of Delaware	Delaware Center for Musculoskeletal Research Administrative Supplement	\$317,072	\$0	\$0
126	2024-03-27	University of Delaware	Multifunctional Sirna/Antibody Nanocarriers to Treat Metastatic Triple-Negative Breast Cancer	\$2,002,023	\$0	\$0
127	2024-03-28	University of Delaware	A Temporally Tunable Autonomic Genetic Fuse for Use of Engineered Microbes in Open Environments	\$422,095	\$0	\$0
128	2024-03-29	University of Delaware	High Dynamic Range SWIR Imaging Arrays Using DROICs and Wafer Level Hybridization	\$0	\$0	\$15,938
129	2024-03-30	University of Delaware	Megawatt Charging System Standard Development	\$0	\$0	\$281,895
130	2024-03-31	University of Delaware	Demonstration/Validation of an Optimized Flexible Production Wastewater Treatment Train for Industrial Base Applications	\$0	\$0	\$234,513
131	2024-03-32	University of Delaware	S-STEM: Expanding Research Success in Artificial Intelligence, Machine Learning, and Data Science	\$1,707,253	\$0	\$0
132	2024-03-33	University of Delaware	The Role of Spatial Organization on Plastic Degradation Rates in Plastic-Degrading Biofilms	\$1,752,751	\$0	\$0
133	2024-03-34	University of Delaware	Hybrid Fibrous Materials Structures for Extreme Thermal Environments	\$0	\$0	\$14,234
134	2024-03-35	University of Delaware	Torsional Resonator System for the Simultaneous Measurement of Density and Viscosity at High Temperature	\$0	\$0	\$4,687
135	2024-03-36	University of Delaware	ISGF Bi-Directional Project	\$0	\$0	\$33,182
136	2024-03-37	University of Delaware	Building Global Competencies Related to a Sustainable Textile and Apparel Industry and Consumers	\$105,005	\$0	\$0
137	2024-03-38	University of Delaware	2024 MLA Institute on Reading and Writing Pedagogy at Access-Oriented Institutions	\$0	\$0	\$5,000
138	2024-03-39	University of Delaware	Supplemental- QLCI-CI: Enhanced Sensing and Distribution Using Quantum States	\$0	\$0	\$111,501
139	2024-03-40	University of Delaware	Lexico-Semantic Abilities in Early Language Growth and Delay	\$0	\$0	\$11,047
140	2024-03-41	University of Delaware	Development of Carrier Selective Contacts for Sulfur Passivated Si Solar Cells	\$161,801	\$0	\$0
141	2024-03-42	University of Delaware	Effects of Substrate Thermal Expansion Mismatch to Improve CdTe Solar Cells	\$155,479	\$0	\$0
142	2024-03-43	University of Delaware	Enhancing Resilience, Equity, and Prediction of the Mid-Atlantic Ocean, Coast, and Estuaries	\$4,139,873	\$0	\$0
143	2024-03-44	University of Delaware	Meeting Local Resilience Needs Through National and Pan-Regional Collaboration	\$39,550,289	\$0	\$0
144	2024-03-45	University of Delaware	Wearable Monitoring of Respiratory Changes in Heat Stress	\$0	\$0	\$22,603
145	2024-03-46	University of Delaware	Institutional Consensus of Character Education	\$0	\$0	\$52,139
146	2024-03-47	University of Delaware	Soymeal Based Hydrogel for Sustainable Release of Plant Volatiles	\$0	\$0	\$150,000
147	2024-03-48	University of Delaware	Collaborative Research: Uncovering the Role of Stemflow in the Cycling of Water and Solutes in Coastal Forests Under Stress from Sea Level Rise	\$209,517	\$0	\$0
148	2024-03-49	University of Delaware	Interface Improvement for Efficient Electron Transport in Vapor Transport Deposited Perovskite Solar Cells	\$161,801	\$0	\$0

149	2024-03-03-50	University of Delaware	MotherSHIPP (Mothers' Support and Health in Pregnancy & Parenting)	\$171,183	\$0	\$0
150	2024-03-03-51	University of Delaware	Using Sensory and Motor System Changes to Detect Preclinical Alzheimer's Disease	\$3,112,852	\$0	\$0
151	2024-03-03-52	University of Delaware	Permeability and Impregnation in 3D Woven Fabrics	\$0	\$0	\$24,096
152	2024-03-03-53	University of Delaware	Resolving the Production of Volatile Organofluorine (VOF) Products and Chlorine-Bearing VOF from Thermal Treatment of PFAS Using HRAM Orbitrap	\$0	\$0	\$187,004
153	2024-03-03-54	University of Delaware	The Locker Room Files: Developing Data-Driven Digital Well-Being Strategies to Mitigate Social Media Effects on Mental Health, Well-Being, and Team Relationship	\$0	\$0	\$27,955
154	2024-03-03-55	University of Delaware	Gut Function and the Menopausal Transition	\$0	\$0	\$181,818
155	2024-03-03-56	University of Delaware	Broadening Interest in Soft Material Design Through TikTok Rheology	\$0	\$0	\$18,750
156	2024-03-09-02	Delaware State University	Elimination of Senescent Glia as a Therapeutic Approach in Lewy Body Pathology	\$2,260,000	\$0	\$0
157	2024-03-09-03	Delaware State University	Diversity Supplement for Continuously Supporting URM Neuroscience PhD Students	\$688,600	\$0	\$0
158	2024-03-09-04	Delaware State University	Collaborative Research: The Synthesis of Polymer Ionophores and Fabrication of Potentiometric Sensors for Carbonate Ion Detection in the Ocean	\$290,800	\$0	\$0
159	2024-03-09-05	Delaware State University	Developing MWEEs for the Indian River School District	\$280,949	\$0	\$0
160	2024-03-09-06	Delaware State University	Geriatrics Workforce Enhancement Program	\$5,000,000	\$0	\$0
161	2024-03-09-07	Delaware State University	W.E.B. Du Bois AI Research Center	\$499,597	\$0	\$0

Revised 3/25/2024

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