

**Delaware State Clearinghouse Committee
January Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
January 23, 2024 @ 10:00am (Rescheduled Date)

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
New Business*									
1	6187	Executive, Criminal Justice Council	Improving Outcomes for Child and Youth Victims of Human Trafficking	\$1,500,000	\$242,907	\$257,093	0.00	0.90	0.00
2	6191	Legal, Department of Justice	Matthew Shepard and James Byrd Jr. Hate Crimes Education, Investigation and Prosecution	\$800,000	\$0	\$0	1.00	0.00	0.00
3	6178	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	East Basin Rd Groundwater Operable Unit 1	\$27,694	\$0	\$0	0.04	0.00	0.00
4	6118	Department of Labor, Unemployment Insurance	IT Modernization Grant - ARP	\$869,000	\$0	\$0	0.19	0.00	0.00
5	6176	Caesar Rodney School District	Habitat Restoration and Outdoor Education	\$227,739	\$235,435	\$0	0.40	1.60	0.00
Continued									
1	6076 Amendment	Executive, Office of Management and Budget, Food Distribution	State Administrative Expense Funds	\$144,117	\$0	\$0	0.00	0.00	0.00
2	6186	Executive, Criminal Justice, Statistical Analysis Center	State Justice Statistics Program for Statistical Analysis Centers	\$75,000	\$0	\$0	0.00	0.00	0.00
3	6174	Department of Agriculture, Food Products Inspection	Cross Utilization	\$82,000	\$0	\$0	0.50	0.00	0.00
4	6175	Department of Education, Student Support	Summer Food Service Program - State Administrative Funds	\$79,500	\$0	\$0	0.15	0.00	0.00
5	6184	Department of Education, Early Childhood Support	Head Start Collaboration Grant	\$125,000	\$31,250	\$0	0.75	0.33	0.00
6	6173	First State Military Academy	Rural Education Achievement Grant	\$23,063	\$0	\$0	0.00	0.00	0.00
Higher Education									
1	2024-01-06-01	University of Delaware	Long Duration Storage Via Aggregated EVs with Bidirectional Charging	\$3,434,099	\$0	\$0			
2	2024-01-06-02	University of Delaware	Methods for Strained Alkyne Insertion Via Deaminative Cross Coupling	\$138,580	\$0	\$0			
3	2024-01-06-03	University of Delaware	A Communication Science Approach to Understanding Individual-Level Determinants of Opioid Use and Social Media Content About Hormonal Birth Control	\$2,441,912	\$0	\$0			
4	2024-01-06-04	University of Delaware	Rapid Assessment Surveys of Tidal Marsh Birds	\$90,000	\$0	\$0			
5	2024-01-06-05	University of Delaware	Overcoming Obstacles to Addressing Social Justice While Using High Quality Instructional Materials: Research on Teachers Planning Using the Equity-Focused Quad Text Set Approach	\$0	\$0	\$59,947			
6	2024-01-06-06	University of Delaware	Priority 1: Preservation and Dissemination of Core Photos and Lithology Logs from Onshore and Offshore Cores in Delaware Geological Survey Project Files	\$58,642	\$0	\$0			
7	2024-01-06-07	University of Delaware	Torsional Resonator System for the Simultaneous Measurement of Density and Viscosity at High Temperature	\$0	\$0	\$409,529			
8	2024-01-06-08	University of Delaware	Development of Electrolyte Materials for Proton Conducting Solid Oxide Electrolysis Cells	\$0	\$0	\$61,678			
9	2024-01-06-09	University of Delaware	Collaborative Research: HCC: Small: Facilitating Inclusion Through Experiential AI: Designing Culturally-Aware Agents to Address Communication Barriers Faced by Hispanic Communities	\$154,503	\$0	\$0			
10	2024-01-06-10	University of Delaware	Collaborative Research: CPS: Medium: CalfHealth: A LoRaWAN-Enabled Framework for Early Detection of Bovine Respiratory Disease in Pasture-Raised Calves	\$135,064	\$0	\$0			
11	2024-01-06-11	University of Delaware	Threatened Resource Documentation, and Resource Digitization FY 2022	\$0	\$0	\$6,200			

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

12	2024-01-06-12	University of Delaware	Equitable Access and Distributional Effects: Dual Enrollment Career and Technical Education in Delaware	\$0	\$0	\$103,425
13	2024-01-06-13	University of Delaware	Threatened Resource Documentation and Resource Digitization FY 2022	\$0	\$0	\$20,803
14	2024-01-06-14	University of Delaware	Collaborative Research: Bayesian Graph Learning for Mixed-Type Responses: Theories, Methods, Algorithms, and Applications	\$87,674	\$0	\$0
15	2024-01-06-15	University of Delaware	Applicability of Magnetic Resonance Elastography of the Brain in Pediatric Patients with Gliomas	\$0	\$0	\$80,000
16	2024-01-06-16	University of Delaware	Eli Lilly Thixotropy	\$0	\$0	\$225,672
17	2024-01-06-17	University of Delaware	Collaborative Research: Actin-Mediated Stress Sensing and Control of Epidermal Cell-Cell Adhesion	\$205,291	\$0	\$0
18	2024-01-06-18	University of Delaware	Edge Diagnostics with a Coherent Active Imager and Sensors on the Fiber Tip	\$0	\$0	\$609,891
19	2024-01-06-19	University of Delaware	Christiana Care Grad Students 2023-2024	\$0	\$0	\$2,987
20	2024-01-06-20	University of Delaware	Christiana Care Grad Students 2023-2024	\$0	\$0	\$105,845
21	2024-01-06-21	University of Delaware	Diagnostic Services Per Task Orders Related to IDIQ	\$8,671	\$0	\$0
22	2024-01-06-22	University of Delaware	ML-ROCKS: Machine Learning Reaction Optimization of Carbonation KineticS	\$0	\$0	\$50,000
23	2024-01-06-23	University of Delaware	A Return to Service: University of Delaware	\$0	\$0	\$30,000
24	2024-01-06-24	University of Delaware	Continued Identification and Culturing of Slug Parasitic Nematodes in Delaware	\$0	\$0	\$3,505
25	2024-01-06-25	University of Delaware	Variable Rate Fumigation to Target Root-Knot Nematodes	\$0	\$0	\$9,753
26	2024-01-06-26	University of Delaware	Remaking the World of Arturo Schomburg	\$0	\$0	\$24,999
27	2024-01-06-27	University of Delaware	Delaware Museum Collection-Aid 2024	\$0	\$0	\$4,380
28	2024-01-06-28	University of Delaware	Evaluating Common Preemergence Herbicides for Relative Crop Safety	\$0	\$0	\$13,470
29	2024-01-06-29	University of Delaware	Collaborative Research: Nonparametric Learning in High-Dimensional Survival Analysis for causal inference and Sequential Decision Making	\$177,083	\$0	\$0
30	2024-01-06-30	University of Delaware	Understanding Formation and Dynamics of the SIV Reservoir	\$0	\$0	\$350,000
31	2024-01-06-31	University of Delaware	Seeding and Eradication of Oral SIV Reservoirs	\$0	\$0	\$100,000
32	2024-01-06-32	University of Delaware	PFI-TT: Microwave Selection of Chinese Hamster Ovary Cells	\$0	\$0	\$44,443
33	2024-01-06-33	University of Delaware	Investigating Digital Violence Against Female Mayors of American Cities	\$0	\$0	\$83,065
34	2024-01-06-34	University of Delaware	MAIStrat Data Framework: Documenting Middle Atlantic Coastal Plain Stratigraphic Equivalency Research Methods and Data	\$206,425	\$0	\$0
35	2024-01-06-35	University of Delaware	Greenspace for the Emmanuel Dining Room East	\$0	\$0	\$3,758
36	2024-01-06-36	University of Delaware	SCC-IRG Track 1: A Socially-Aware Autonomous Mobile Robot Navigation System for Last-Mile Deliveries on Sidewalks	\$0	\$0	\$284,670
37	2024-01-06-37	University of Delaware	IUCRC Phase I University of Delaware: Center for Electric, Connected and Autonomous Technologies for Mobility (eCAT)	\$395,625	\$0	\$0
38	2024-01-06-38	University of Delaware	DE UD Building Health Literacy Through Vaccine Education	\$0	\$0	\$19,694
39	2024-01-06-39	University of Delaware	Gulf Stream Frontal Eddies and Their Impacts on the Coastal Ocean: An Integrated Study with SWOT and a High-Resolution Regional Model	\$856,503	\$0	\$0
40	2024-01-06-40	University of Delaware	III: Small: Foundations of Query-decision Regression for Social Influence Management	\$412,123	\$0	\$0
41	2024-01-06-41	University of Delaware	Heart Failure-Related Fatigue and Energy Metabolism of PBMCs	\$0	\$0	\$1,000
42	2024-01-06-42	University of Delaware	Designing a Next-Generation Vaccine Platform Technology Using Immunogenic Amino Acids	\$0	\$0	\$615,502
43	2024-01-06-43	University of Delaware	The Essence Book Project: Building a Digital Corpus of Contemporary Black Books	\$0	\$0	\$95,295
44	2024-01-06-44	University of Delaware	POEMMA-Balloon-Radio (PBR)	\$0	\$0	\$830,543

45	2024-01-06-45	University of Delaware	Scalable Edge Architecture for Connected and Autonomous Vehicles (SEACA)	\$0	\$0	\$141,695
46	2024-01-06-46	University of Delaware	CAREER: Multiscale Simulations of Nanofluid Assembly for Smart Materials Design	\$271,977	\$0	\$0
47	2024-01-06-47	University of Delaware	Molecular Insights into Liquid-Solid Interfaces	\$349,993	\$0	\$0
48	2024-01-06-48	University of Delaware	Improving Regulatory Skills in Preterm Infants: A Novel Test of the Attachment and Biobehavioral Catch-Up Intervention	\$0	\$0	\$73,970
49	2024-01-06-49	University of Delaware	Master Research Agreement	\$0	\$0	\$32,502
50	2024-01-06-50	University of Delaware	Master Research Agreement	\$0	\$0	\$32,502
51	2024-01-06-51	University of Delaware	Evaluating the Effectiveness and Implementation of Prison-Based HIV Assisted Partner Notification in Indonesia	\$0	\$0	\$224,238
52	2024-01-06-52	University of Delaware	AmericaView - Leading Science, Education, and Outreach for NASA GLOBE	\$0	\$0	\$1,076,829
53	2024-01-06-53	University of Delaware	Career Development Opportunities in Delaware: Exploration and Impact	\$0	\$0	\$184,813
54	2024-01-06-54	University of Delaware	FY2024-Marydel and Lower Quarter Kenton Quad	\$178,310	\$0	\$0
55	2024-01-06-55	University of Delaware	Mechanistic and Structural Interrogation of HIV-1 Assembly and Maturation	\$0	\$0	\$345,955
56	2024-01-06-56	University of Delaware	Fabrication of NdFeB-Based Permanent Magnets Using Atomized Powders	\$0	\$0	\$37,231
57	2024-01-06-57	University of Delaware	Understanding Soil Phosphorus Pools, Soil Phosphorus Buffering, and Crop Response	\$0	\$0	\$227,200
58	2024-01-06-58	University of Delaware	Molecular Defense of Fungi Facing Biological Control Agents: Examining the Role of Reactive Oxygen Species and Melanin as a Fungal Defense Mechanism	\$0	\$0	\$106,122
59	2024-01-06-59	University of Delaware	Integration of Soil Mechanics in Numerical Models of Surf Zone Beach Processes	\$136,816	\$0	\$0
60	2024-01-06-60	University of Delaware	Lagrangian Analysis of Submesoscale Structures in the Interior Ocean (LASSIO)	\$0	\$0	\$27,450
61	2024-01-06-61	University of Delaware	Third Grade Geography Model Lessons	\$0	\$0	\$22,727
62	2024-01-06-62	University of Delaware	American Institute of Pakistan Studies STEMSISTERS U.S. Embassy Program	\$0	\$0	\$156,222
63	2024-01-06-63	University of Delaware	Demonstration of Vehicle-to-Grid (V2G) Power and Value of V2G Grid Services Supplement	\$0	\$0	\$186,649
64	2024-01-06-64	University of Delaware	Design and Testing of High-Load Multi-Rotational Disc Bearings for Bridges	\$0	\$0	\$59,375
65	2024-01-06-65	University of Delaware	R/V HUGH R SHARP Ship Operations CY 2024-2028	\$834,876	\$0	\$0
66	2024-01-06-66	University of Delaware	4H/NIFA/USDA- Healthy Habits: Food Loss and Waste Implementation	\$0	\$0	\$128,377
67	2024-01-06-67	University of Delaware	AI Institute: AIIRA: AI Institute for Resilient Agriculture	\$0	\$0	\$153,023
68	2024-01-06-68	University of Delaware	Designing a High-Throughput Cell-Based Screen for N-Oxygenase Engineering	\$633,980	\$0	\$0
69	2024-01-06-69	University of Delaware	A Programmable Non-Equilibrium Electrified Ammonia Synthesis for Efficient Hydrogen Storage	\$0	\$0	\$535,868
70	2024-01-06-70	University of Delaware	Investigating the Importance Of Biomimicry and Customization in Ankle-Foot Orthosis Stiffness for Restoring Gait Mechanics	\$137,725	\$0	\$0
71	2024-01-06-71	University of Delaware	Oceanographic Technical Services CY 2024-2028	\$80,610	\$0	\$0
72	2024-01-06-72	University of Delaware	Biomechanical Markers of Glymphatic Dysfunction Following TBI	\$0	\$0	\$418,840
73	2024-01-06-73	University of Delaware	Composites Research, Engineering and Advanced Technology (iCREATE)	\$3,227,272	\$0	\$0
74	2024-01-06-74	University of Delaware	NIH PT/PHD Predoctoral Training Program Diversity Supplement	\$72,186	\$0	\$0
75	2024-01-06-75	University of Delaware	Towards Automating Vehicle Preventative Maintenance by Large Language Models	\$0	\$0	\$54,513
76	2024-01-06-76	University of Delaware	First Principles HPM Effectiveness	\$0	\$0	\$31,431

77	2024-01-06-77	University of Delaware	Laser Structured Shape Memory Materials	\$0	\$0	\$36,911
78	2024-01-06-78	University of Delaware	Evaluation of the Healthy Communities Delaware (HCD) Vital Conditions Co-Design Toolkit Pilot Project	\$0	\$0	\$9,090
79	2024-01-06-79	University of Delaware	Treatment of Stress-Related Psychopathology: Targeting Maladaptive and Adaptive Event Processing	\$0	\$0	\$179,548
80	2024-01-06-80	University of Delaware	Immigration, Inequality and the Welfare State	\$0	\$0	\$38,557
81	2024-01-06-81	University of Delaware	Development and Testing of Novel Fertilizer Formulations for Efficient Plant Nutrition, Nutritional Quality, and Agroecosystem Sustainability	\$0	\$0	\$414,959
82	2024-01-06-82	University of Delaware	USDA SLBC FY2022	\$21,470	\$0	\$0
83	2024-01-06-83	University of Delaware	Synthetic Microbial Communities for Polyethylene Upcycling	\$0	\$0	\$192,000
84	2024-01-13-01	Delaware State University	Ag-STEM Research Workforce Academy- A Potential for Developing Foods and Agricultural Workforce	\$61,600	\$0	\$0
85	2024-01-13-02	Delaware State University	Developing Electrochemical Destruction of "Forever Chemicals" Fluorocarbon Surfactants – Perfluoroalkyl Substances (PFAS) from Contaminated Water	\$0	\$0	\$31,345
86	2024-01-13-03	Delaware State University	Capitol Park After School Program for Youth: Learn, Move, Eat Smart, and Breathe	\$218,681	\$0	\$0
87	2024-01-13-04	Delaware State University	Smart-Detection and Preventive Controls: Emergent Technologies for Microbial Food Safety in Soilless Leafy Greens Systems	\$77,185	\$0	\$0
88	2024-01-13-05	Delaware State University	LIFE-PRE-STEM: Life Changing and Formative Educational Experiences to Promote Racial Equity in STEM	\$2,931,743	\$0	\$0
89	2024-01-13-06	Delaware State University	Hosting NASA GLOBE Implementation Office at George Mason University	\$317,281	\$0	\$0
90	2024-01-13-07	Delaware State University	Immobilization of TcO4- Using Zero Valent Iron Nanoparticle - Metal Organic Framework Composites	\$100,000	\$0	\$0
91	2024-01-13-08	Delaware State University	TiO2/Metal Oxide@Metal-Organic Framework (TiO2/MO@MOF) Composites: Solvent-free Synthesis and Enhanced Photocatalytic Hydrogen Evolution	\$66,897	\$0	\$0

Updated 1/15/2024