

Delaware State Clearinghouse Committee

April Agenda

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901

April 16, 2024 @ 10:00am

<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	6246	Judicial, Maternal and Child Death Review	Child Death and Fetal Infant Mortality Review Teams	\$50,050	\$0	\$0	0.00	0.00	0.00
2	6125	Department of Health & Social Services, Social Services	Summer Electronic Benefits Transfer System	\$1,012,313	\$1,012,313	\$0	0.00	0.00	0.00
3	6229	Department of Natural Resources & Environmental Control, Watershed Stewardship	Fall National Dam Safety Program - IJJA	\$187,638	\$0	\$0	0.00	0.00	0.00
4	6234	Department of Natural Resources & Environmental Control, Parks and Recreation	Land and Water Conservation Fund Parks Administration	\$79,027	\$79,027	\$0	0.70	0.69	0.00
5	6252	Department of Natural Resources & Environmental Control, Climate, Coastal, and Energy	Weatherization Assistance Program - IJJA	\$1,500,000	\$0	\$0	0.00	0.00	0.00
6	6237	Department of Transportation, Finance	Corridor Identification and Development Program	\$500,000	\$0	\$0	0.00	0.00	0.00
7	6245	Department of Agriculture, Plant Industries	Exotic Wood Borer/ Bark Beetle Survey	\$11,147	\$0	\$0	0.00	0.00	0.00
Continued									
1	2024-02-28-01	Department of Health & Social Services, Substance Abuse and Mental Health	Transformation Transfer Initiative	\$0	\$0	\$750,000	0.00	0.00	0.00
2	5767 Amendment	Department of Health & Social Services, Social Services	Refugee Social Service Case Program	\$746,324	\$0	\$0	0.00	0.00	0.00
3	6254	Department of Safety & Homeland Security, Division of Forensic Science	DNA Capacity Enhancement & Backlog Reduction Program	\$650,000	\$0	\$0	0.00	0.00	0.00
4	6240	Department of Natural Resources & Environmental Control, Watershed Stewardship	Marine Debris Removal	\$1,668,769	\$301,000	\$0	0.00	0.00	0.00
5	6247	Department of Agriculture, Animal Health	Swine Health Improvement Plan (SHIP)	\$3,000	\$0	\$0	0.00	0.00	0.00
6	6250	Department of Agriculture, Animal Health	Animal Disease Traceability	\$4,646	\$0	\$0	0.00	0.00	0.00
7	6260	Department of Agriculture, Animal Health	Umbrella National Surveillance	\$245,325	\$0	\$0	1.00	0.00	0.00
8	6241	Department of Education, Student Support	Title I Part A Improving the Academic Achievement	\$58,187,161	\$0	\$0	2.25	0.00	0.00
9	6242	Department of Education, Student Support	Title II Part A Improving Teacher Quality	\$10,837,970	\$0	\$0	2.05	0.00	0.00
10	6243	Department of Education, Academic Support	Title III English Acquisition	\$1,944,936	\$0	\$0	0.80	0.00	0.00
11	6244	Department of Education, Academic Support	Individuals with Disabilities Education Act, Part B	\$1,387,906	\$0	\$0	0.00	0.00	0.00
12	6248	Department of Education, Student Support	Title IV Part A Student Support and Enrichment	\$6,659,535	\$0	\$0	0.30	0.00	0.00
13	6249	Department of Education, Workforce Support	Carl D. Perkins Career and Technical Education	\$6,281,578	\$0	\$0	2.75	0.00	0.00
14	6253	Department of Education, Operations Support	Lead Testing in School and Child Care Program Grant	\$196,000	\$0	\$0	0.00	0.00	0.00
Higher Education									
1	2024-04-06-01	University of Delaware	HHS Core 24-25 Supplemental	\$18,148	\$0	\$0			

2	2024-04-06-02	University of Delaware	Expanding Behavioral Health and Prevention REACH in Rural DE	\$277,096	\$0	\$0
3	2024-04-06-03	University of Delaware	Empowering the Next Generation: Advanced Competency in Animal Welfare and Sustainability	\$104,275	\$0	\$0
4	2024-04-06-04	University of Delaware	Utilization of Hydrogel-Coated XF Utility Plates to Simplify Suspension Cell Preparation for Seahorse Analysis	\$0	\$0	\$62,101
5	2024-04-06-05	University of Delaware	Novel Treatment Train for Remediation of PFAS-Impacted Waters Based on Sorption and Microwave-Assisted Thermal Degradation	\$0	\$0	\$78,421
6	2024-04-06-06	University of Delaware	Novel Carbon Nanocomposite-Based Distributed Sensing Technology for Continuous Monitoring of Composite Hydrogen Pressure Vessels	\$0	\$0	\$39,582
7	2024-04-06-07	University of Delaware	Use of Caregiver-Delivered Language Interventions for School-Aged Children: A Mixed Methods Investigation Using an Implementation Science Framework	\$214,764	\$0	\$0
8	2024-04-06-08	University of Delaware	Battery Dispatch Mode, Time-of-Use Rates and DC/AC Sizing: Impact on LCOE and Battery Life for Commercial Solar Building Applications	\$129,932	\$0	\$0
9	2024-04-06-09	University of Delaware	Deep Learning-Based Contour Detection for Retinal Layer Segmentation and Sickle Cell Retinopathy Detection in OCT Images	\$0	\$0	\$17,942
10	2024-04-06-10	University of Delaware	Acquisition of Goods and Services	\$3,182	\$0	\$0
11	2024-04-06-11	University of Delaware	Spencer Vision - Partnering to Promote Educational Equity: Developing the 220 Project	\$0	\$0	\$74,999
12	2024-04-06-12	University of Delaware	Investigating the Interaction Between Iron Minerals and Organic Matter Preservation in Salt Marsh Sediments	\$0	\$0	\$125,000
13	2024-04-06-13	University of Delaware	CRCNS US-French Research Proposal: Optimal Control Framework for Studying the Neural Control of Force, Impedance, and Feedback Responses	\$760,000	\$0	\$0
14	2024-04-06-14	University of Delaware	Improving Disease Comorbidity Prediction Using Biologically Supervised Embedding on Human Interactome	\$0	\$0	\$5,000
15	2024-04-06-15	University of Delaware	Using Artificial Intelligence to Measure Changes Following Grammar Intervention in Children with Developmental Language Disorder	\$55,686	\$0	\$0
16	2024-04-06-16	University of Delaware	Enabling Advanced Electrode Architecture Through Printing Technique	\$0	\$0	\$188,918
17	2024-04-06-17	University of Delaware	Comprehensive Assessment of PFAS Physico-Chemical Properties: Overcoming Data Gaps and Inconsistencies with a Machine Learning Tool that Integrates Statistical and Theoretical Model Predictions	\$0	\$0	\$187,000
18	2024-04-06-18	University of Delaware	S-STEM: Accelerated Workforce Development: Accessible 3+2 Pathways to BS Degrees in Physics and Chemistry + MS Degrees in Semiconductor Manufacturing & Quantum Science Disciplines	\$0	\$0	\$2,049,754
19	2024-04-06-19	University of Delaware	InGaAs APD Linear Arrays for High Speed Spectroscopic Sampling	\$0	\$0	\$15,938
20	2024-04-06-20	University of Delaware	New Course Proposal: 'International Perspectives on Entrepreneurship: Israel as a Start-Up Nation'	\$0	\$0	\$6,729
21	2024-04-06-21	University of Delaware	Reconfigurable Analog Photonic Processor for AI and RF Signal Processing	\$0	\$0	\$1,024,822
22	2024-04-06-22	University of Delaware	Collaborative Research: SHF: Small: Semantic-Driven Application-Aware Optimizations for GNN Systems	\$93,745	\$0	\$0
23	2024-04-06-23	University of Delaware	SAI: Examining Long-Term "Success" of Green Stormwater Infrastructure	\$489,506	\$0	\$0
24	2024-04-06-24	University of Delaware	Aging in Place with Disaster Resilience in Mind: Supporting Older Adults in a High-Risk Area of Coastal Delaware	\$134,276	\$0	\$0
25	2024-04-06-25	University of Delaware	Measuring the Ecosystem Benefits of US Army Corps of Engineers Water Projects	\$1,278,317	\$0	\$0
26	2024-04-06-26	University of Delaware	Thermo-Radiative Energy Harvesting	\$0	\$0	\$53,126
27	2024-04-06-27	University of Delaware	A Multilingual Framework for Computational Protein Design from Natural Language Prompts	\$374,870	\$0	\$0
28	2024-04-06-28	University of Delaware	Understanding, Predicting, and Mitigating the Extreme Aerodynamics of Dynamic Ground Effect	\$2,812,017	\$0	\$0
29	2024-04-06-29	University of Delaware	VLP-Based in Vitro Functional Characterization of ABCA4 Variants of Uncertain Significance	\$0	\$0	\$2,500
30	2024-04-06-30	University of Delaware	Mechanism of Initiation of Human Papillomavirus DNA Replication	\$0	\$0	\$5,000

31	2024-04-06-31	University of Delaware	Functional Analysis of the Retina Specific ABC Transporter, ABCA4 and its Genetic Variants	\$0	\$0	\$2,500
32	2024-04-06-32	University of Delaware	Quantifying Adapted Balance Control During Walking in Chronic Stroke	\$107,452	\$0	\$0
33	2024-04-06-33	University of Delaware	Neuron-Inspired Conducting Polymers for Dual Sensing and Actuation	\$0	\$0	\$52,380
34	2024-04-06-34	University of Delaware	Modified Wilhelmy Apparatus for Efficient Molten Salt Surface Tension Measurement	\$0	\$0	\$38,892
35	2024-04-06-35	University of Delaware	Evaluation of the Use of Dielectric Sensors to Track Degree of Cure and Tg for Compression Molded SMC Composites	\$0	\$0	\$62,501
36	2024-04-06-36	University of Delaware	Additive Manufacturing Microbatteries Enhanced by Frontal Polymerized Materials	\$0	\$0	\$18,750
37	2024-04-06-37	University of Delaware	Megawatt Charging System Standard Development	\$0	\$0	\$281,894
38	2024-04-06-38	University of Delaware	Developing Solutions to Economic Losses Caused by Slug Feeding in Soybean	\$0	\$0	\$306,023
39	2024-04-06-39	University of Delaware	Fuse2 Topic 3: Ultra-High Resolution, Bottom-Up Patterning of Molecular-Scale Resists and Device Components	\$1,686,232	\$0	\$0
40	2024-04-06-40	University of Delaware	Modulating Heat Shock Protein 90 Regulatory Complex as a Potential Therapeutic Target in Cardiac Diseases	\$0	\$0	\$978
41	2024-04-06-41	University of Delaware	Photonic Integrated Circuits	\$36,397	\$0	\$0
42	2024-04-06-42	University of Delaware	GOALI: Etching of Interconnect Metal Candidates for Microelectronics Applications	\$408,349	\$0	\$0
43	2024-04-06-43	University of Delaware	Collaborative Research: Employing Artificial Intelligence to Reveal Phytoplankton Community Dynamics in Coastal Oceans	\$209,187	\$0	\$0
44	2024-04-06-44	University of Delaware	Collaborative Research: FW-HTF-P: Future of Geriatric Care: Immersive Virtual Patient Training for Nursing Assistants	\$6,000	\$0	\$0
45	2024-04-06-45	University of Delaware	Uncovering the Cardiac Hsp90 β Interactome in Disease Conditions	\$0	\$0	\$939
46	2024-04-06-46	University of Delaware	Molecular Mechanism of RNA Transport to the Mitotic Spindle	\$0	\$0	\$5,000
47	2024-04-06-47	University of Delaware	Formulation and Evaluation of Biomass-Derived Polymers for High-Performance Applications - Foams	\$25,454	\$0	\$0
48	2024-04-06-48	University of Delaware	Novel in Situ Analysis of the Functional Impacts of Osteoarthritis in the Mouse Model	\$333,464	\$0	\$0
49	2024-04-06-49	University of Delaware	CAIG: Forecast Improvement Through Weather Data Generation and Enhancement (WEDGE)	\$0	\$0	\$179,608
50	2024-04-06-50	University of Delaware	PREM: Soft Matter Research & Technology and Quantum Confinement Design (SMaRT QD)	\$0	\$0	\$546,398
51	2024-04-06-51	University of Delaware	Using Machine Learning Techniques to Aid Understanding of Formulation-Process-Structure-Function Relationships for Lipid Nanoparticles	\$0	\$0	\$100,411
52	2024-04-06-52	University of Delaware	Actin Regulation of Water Channel, Aquaporins, in the Eye Lens	\$0	\$0	\$2,500
53	2024-04-06-53	University of Delaware	Collaborative Research: FuSe2 Topic 1: 3D Distributed Photonic-Electronic Integrated System for Climate and Earth Modeling	\$0	\$0	\$320,760
54	2024-04-06-54	University of Delaware	FRSAN - Year 5	\$0	\$0	\$39,200
55	2024-04-06-55	University of Delaware	Self-Powered Wearable Sensors Through Printable Electrets	\$393,512	\$0	\$0
56	2024-04-06-56	University of Delaware	Plant Trek: Investigating Strategies for Regolith Pre-Conditioning to Support the Establishment of Plant-Microbe Systems in Martian Habitats	\$8,796	\$0	\$0
57	2024-04-06-57	University of Delaware	Keeping the Turks at Bay: Safavid Iran and the Eurasian Attempts at Anti-Ottoman Coalition Building, 1500-1700	\$60,000	\$0	\$0
58	2024-04-06-58	University of Delaware	Improving the Nutrition and Physical Fitness of Delaware Youth	\$0	\$0	\$5,000
59	2024-04-06-59	University of Delaware	Beyond the Boat: Justice-Based Analysis of Fisheries Economy Impacts from Offshore Wind	\$0	\$0	\$37,923
60	2024-04-06-60	University of Delaware	Democratizing Manufacturing: Formulating Inks that Shorten Build Times in 3D Printing	\$0	\$0	\$52,381

61	2024-04-06-61	University of Delaware	EDGE FGT: Genome-Editing Tools for Keystone Freshwater Heterotrophs	\$0	\$0	\$66,344
62	2024-04-06-62	University of Delaware	Decoupled Energy Cascades of MHD and Kinetic Scale Turbulence	\$478,224	\$0	\$0
63	2024-04-06-63	University of Delaware	Implementing a Rapid Assessment Protocol to Estimate Saltmarsh Sparrow Productivity in Delaware Bay	\$0	\$0	\$168,726
64	2024-04-06-64	University of Delaware	Synthesizing Post-Release Mortality Data Across Elasmobranchs and Mitigating the Impact of the Shore-Based Recreational Fishery on Prohibited Sharks	\$123,375	\$0	\$0
65	2024-04-06-65	University of Delaware	Engineering Biosynthesis and Incorporation of an Immunogenic Amino Acid	\$15,000	\$0	\$0
66	2024-04-06-66	University of Delaware	Commercialization of Enabling Technologies (COMET)	\$3,000,000	\$0	\$0
67	2024-04-06-67	University of Delaware	Unique Attributes of the Naive Reservoir	\$0	\$0	\$224,975
68	2024-04-06-68	University of Delaware	CogniSense: Center on Cognitive Multispectral Sensors	\$0	\$0	\$220,000
69	2024-04-06-69	University of Delaware	Large-Scale Photon-Efficient Active Silicon Photonic Crystal Platform	\$610,338	\$0	\$0
70	2024-04-06-70	University of Delaware	Development of Lima Bean Based Meat Analogs: Variety Screening, Prebiotic Fortification, and Modulating Gut Microbiome	\$497,451	\$0	\$0
71	2024-04-06-71	University of Delaware	Increasing Accessibility and Usability of Reprocessed Satellite and Model Data Products at Multiple Grain-Sizes	\$31,250	\$0	\$0
72	2024-04-06-72	University of Delaware	CIF: Small: Theoretical Foundations for Robust Signal Processing on Spatial Networks	\$187,273	\$0	\$0
73	2024-04-06-73	University of Delaware	Pittsburgh Center for HIV Protein Interactions (PCHPI) - Admin Supplement	\$0	\$0	\$420,855
74	2024-04-06-74	University of Delaware	Black Religion Scholars Teaching Black Studies at State Universities	\$0	\$0	\$10,000
75	2024-04-06-75	University of Delaware	MEPI-Student Leaders Program Project Title	\$0	\$0	\$194,886
76	2024-04-06-76	University of Delaware	The Influence of SSRIs on Immunometabolism and Brain Blood Flow in Midlife Depression	\$162,821	\$0	\$0
77	2024-04-06-77	University of Delaware	Cyclospora Collaborative for Outreach, Research, and Education (CycloCORE) Consortium Network	\$0	\$0	\$927,163
78	2024-04-06-78	University of Delaware	Novel Tools to Assess the Activities of the O-GlcNAc-Transferase	\$0	\$0	\$100,663
79	2024-04-06-79	University of Delaware	Collaborative Research on H2-SCR to Treat H2-ICE NOx Emissions	\$0	\$0	\$108,328
80	2024-04-06-80	University of Delaware	ExpandQISE: Track 1: Quantum Correlations in Quantum Approximate Optimization Algorithms and Their Implementation	\$0	\$0	\$154,595
81	2024-04-06-81	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$501,296	\$0	\$0
82	2024-04-06-82	University of Delaware	Brandywine White Clay Red Clay Christina Alosine Restoration Project	\$0	\$0	\$375,593
83	2024-04-06-83	University of Delaware	Rachel Roday DE Sea Grant Knauss Fellowship 2025	\$93,900	\$0	\$0
84	2024-04-06-84	University of Delaware	Elizabeth Whitney DE Sea Grant Knauss Fellowship 2025	\$93,900	\$0	\$0
85	2024-04-06-85	University of Delaware	Caitlin Wilson DE Sea Grant Knauss Fellowship 2025	\$93,900	\$0	\$0
86	2024-04-06-86	University of Delaware	Exploring Black Businesses in Civil War Era Wilmington Through Digital Mapping	\$0	\$0	\$2,185
87	2024-04-06-87	University of Delaware	High Speed Manufacturable Process of Perovskite Thin Film Solar Power for Military Use	\$0	\$0	\$2,137,720
88	2024-04-06-88	University of Delaware	Research Supplements to Promote Diversity in Health-Related Research (Admin Supp)	\$37,740	\$0	\$0
89	2024-04-06-89	University of Delaware	Evaluating the Effectiveness of Public Health Microbiome Curriculum	\$0	\$0	\$3,696
90	2024-04-06-90	University of Delaware	A Comprehensive Assessment of Global Irrigated Agriculture and Water Scarcity in the 21st Century	\$0	\$0	\$6,250

91	2024-04-06-91	University of Delaware	Cavernicolide: A Novel Marine Macrolide Non-Small Cell Lung Cancer Cell Growth Inhibitor	\$0	\$0	\$270,000
92	2024-04-06-92	University of Delaware	Creating a NASA Surface Topography and Vegetation (STV) Novel Observing System (NOS)	\$245,821	\$0	\$0
93	2024-04-06-93	University of Delaware	EPSCoR Research Fellows: NSF: Understanding the Effects of Morphology and Spectator Ions in the Electro-Conversion of Furfural	\$128,525	\$0	\$0
94	2024-04-06-94	University of Delaware	Strengthening Foundations: Enhancing Stability and Growth for Beginning Poultry Farmers in Competitive Markets	\$352,827	\$0	\$0
95	2024-04-06-95	University of Delaware	Single-Cell Testing of PEM and AEM Gas Crossover and Durability	\$0	\$0	\$72,914
96	2024-04-06-96	University of Delaware	Service Agreement with Ford Motor Company	\$0	\$0	\$232,302
97	2024-04-06-97	University of Delaware	Artificial-Intelligence-Based Crop Protection Approaches for Specialty Crops	\$0	\$0	\$85,237
98	2024-04-06-98	University of Delaware	Outreach, Education and Technical Assistance for Beginning Farmers and Ranchers in TN and DE Counties with Critical Service Gap	\$0	\$0	\$135,604
99	2024-04-13-01	Delaware State University	Team Science Supplement to Phase III: Delaware Center for Neuroscience Research	\$851,711	\$0	\$0
100	2024-04-13-02	Delaware State University	Reducing the risk of antibiotic residues in the milk value chain in Rwanda	\$25,000	\$0	\$0
101	2024-04-13-03	Delaware State University	Sustainable Climate Smart Quinoa Value Chain Agricultural Development: A Collaborative Network for Agricultural Productivity	\$43,746	\$0	\$0
102	2024-04-13-04	Delaware State University	Research, Advocacy, and Initiatives for Student Equity (RAISE): A Multi-Method Approach for Transformative Equity in Delaware	\$0	\$0	\$75,000
103	2024-04-13-05	Delaware State University	FuSe2 Topic 3: Ultra-high resolution, bottom-up patterning of molecular-scale resist and device components	\$191,002	\$0	\$0
104	2024-04-13-06	Delaware State University	Robust Solution for Training Machine Learning Models across Diverse Heterogeneous Systems	\$387,723	\$0	\$0
105	2024-04-13-07	Delaware State University	UCLA-DSU Summer Experience in Neuroscience Program	\$237,565	\$0	\$0
106	2024-04-13-08	Delaware State University	Examining the Real-time Impact of Home and Neighborhood Safety on Sleep and Mental Health	\$958,778	\$0	\$0
107	2024-04-13-09	Delaware State University	Connecting Pest Management Resources and Technology to Delaware Stakeholders	\$72,282	\$0	\$0
108	2024-04-13-10	Delaware State University	Collaborative Efforts to prepare next Generation of Nutritional Science Students with Skills for the Workforce and Graduate School through Research and Mentoring	\$149,999	\$0	\$0
109	2024-04-13-11	Delaware State University	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	\$93,000	\$0	\$0

Created 04/02/2024

Join Zoom Meeting

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