

**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 28, 2025 @ 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	6618	Judicial, Office of the Child Advocate	National Court Appointed Special Advocate - Guardians ad Litem	\$63,812	\$0	\$0	0.00	0.00	0.00
2	6622	Department of Transportation, Office of the Secretary, Finance	Climate Pollution Reduction Clean Corridor Coalition	\$13,637,863	\$0	\$0	0.00	0.00	0.00
3	6641	Department of Agriculture, Animal Health	High Path Avian Influenza (HPAI) Emergency Disease Response	\$666,437	\$0	\$0	0.00	0.00	0.00
4	6448 Amendment	Delaware National Guard	Army National Guard Operations and Maintenance Agreement - Position Request	\$105,474	\$0	\$0	1.00	0.00	0.00
Continued									
1	6627	Executive, Criminal Justice, Criminal Justice Council	Childrens Justice Act	\$90,453	\$0	\$0	0.00	0.00	0.00
2	6628	Department of State, Public Service Commission, Regulation and Licensing	Pipeline Safety One Call	\$9,348	\$0	\$0	0.00	0.00	0.00
3	4891 Amendment	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Lab Capacity Enhancing Detection Expansion – CRRSA COVID-19	\$0	\$0	\$0	-1.00	0.00	0.00
4	5553 Amendment	Department of Health and Social Services, Public Health, Community Health	Public Health Infrastructure and Workforce	\$2,206,066	\$0	\$0	1.00	0.00	0.00
5	6616	Department of Health and Social Services, Office of the Secretary	Delaware Health Insurance Individual Market	\$64,724,320	\$0	\$0	0.00	0.00	0.00
6	6617	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Mental Health Awareness Training (MHAT) Grants	\$125,000	\$0	\$0	0.00	0.00	0.00
7	6621	Department of Health and Social Services, Public Health, Community Health	Personal Responsibility Education Program	\$250,000	\$0	\$0	0.00	0.00	0.00
8	6623	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	State Fisheries Lands Enhancement	\$104,110	\$34,705	\$0	0.00	0.00	0.00
9	6610	Department of Transportation, Planning	High Priority Innovative Technology Deployment	\$1,332,135	\$0	\$0	0.00	0.00	0.00
10	6615	Department of Transportation, Division of Motor Vehicles	Commercial Driver's License (CDL) Program Implementation	\$251,537	\$0	\$0	0.00	0.00	0.00
11	6510	Department of Education, Early Childhood Supports	Preschool Development Grant	\$8,000,000	\$2,400,000	\$0	0.00	0.00	0.00
Higher Education									
1	2024-01-04-01	University of Delaware	An Investigation of Global Tropical Cyclone Frequency with High-Resolution Numerical Simulations	\$559,075	\$0	\$0			
2	2024-01-04-02	University of Delaware	Collaborative Research: WoU-MMA: Robust Searches for Ultrahigh Energy Neutrinos with RNO-G 2025-2028	\$90,297	\$0	\$0			
3	2024-01-04-03	University of Delaware	Development of an Electrochemical Au-Ag Nanodot Sensor and Fe-MOF Catalyst for PFAS Sensing and Degradation	\$1,209,376	\$0	\$0			
4	2024-01-04-04	University of Delaware	The Moment Everything Changed: A Proposed Special Issue on Medical Humanities Approaches to Injuries and Society	\$160,980	\$0	\$0			
5	2024-01-04-05	University of Delaware	Establishing a Stable Production Cell Line for Recombinant AAV Through Synthetic Dynamic Regulation and Reducing Regulatory and Metabolic Limitations	\$341,125	\$0	\$0			
6	2024-01-04-06	University of Delaware	Precision Immunotherapy for Pancreatic Ductal Adenocarcinoma	\$491,174	\$0	\$0			

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

7	2024-01-04-07	University of Delaware	Gilliam Fellows Program	\$0	\$0	\$159,000
8	2024-01-04-08	University of Delaware	Understanding the Global Inventory of Trifluoroacetate: Isotopic Constraints	\$37,500	\$0	\$0
9	2024-01-04-09	University of Delaware	Using Rheology to Probe Interparticle Interactions, Including Jamming in Confined Spaces Under Flow	\$0	\$0	\$225,000
10	2024-01-04-10	University of Delaware	BRIDGE and EFNEP Curriculum Specialist	\$0	\$0	\$5,328
11	2024-01-04-11	University of Delaware	The Delaware Partnership to Alleviate the Heart Attack & Stroke OverAll Risk (PATH to SOAR)	\$0	\$0	\$379,759
12	2024-01-04-12	University of Delaware	Recycling of Polyester Blends	\$0	\$0	\$93,750
13	2024-01-04-13	University of Delaware	Collaborative Research: SysDR: System-Centric Scalable Deep Reinforcement Learning Framework for Complex Computing System Optimizations	\$280,005	\$0	\$0
14	2024-01-04-14	University of Delaware	Understanding Linguistic Differences in Mild Cognitive Impairment: The Importance of Language Context and Psychosocial Functioning	\$108,402	\$0	\$0
15	2024-01-04-15	University of Delaware	Use of Caregiver-Delivered Language Interventions for School-Aged Children: A Mixed Methods Investigation Using an Implementation Science Framework	\$154,112	\$0	\$0
16	2024-01-04-16	University of Delaware	Energy Transfer from MHD to Kinetic Scales in Space Plasmas: Scale Filtering Representation	\$426,040	\$0	\$0
17	2024-01-04-17	University of Delaware	Pinyon Jay Inventory of Parks and Monuments of the Northern Colorado Plateau Inventory and Monitoring Network	\$102,879	\$0	\$0
18	2024-01-04-18	University of Delaware	Soybean Row Spacing and Planting Rate Effects on Litter Decomposition	\$0	\$0	\$11,612
19	2024-01-04-19	University of Delaware	The Effects of Gypsum or Lime Application on Yield and Nutrient Uptake	\$0	\$0	\$11,067
20	2024-01-04-20	University of Delaware	Exploring the Moderating Role of Patient-Provider Communication in the Relationship Between Fatigue and Healthcare Utilization in Adults with Heart Failure: An All of Us Dataset Analysis	\$0	\$0	\$5,000
21	2024-01-04-21	University of Delaware	BRING-SynBio: Deciphering and Directing Lactylation Epigenetics to Control Macrophage Immune Cell Phenotype	\$464,430	\$0	\$0
22	2024-01-04-22	University of Delaware	WoU-MMA: Cosmic-Ray Physics with IceCube 2025 - 2028	\$3,482,811	\$0	\$0
23	2024-01-04-23	University of Delaware	Atomically Precise Control Over 2-Dimensional Van Der Waals Materials	\$551,939	\$0	\$0
24	2024-01-04-24	University of Delaware	Delaware APEX FY26 BOWMAN	\$372,466	\$94,649	\$0
25	2024-01-04-25	University of Delaware	Exploration of Sex Hormones and Tendon Health in Females with Achilles Tendinopathy	\$109,025	\$0	\$0
26	2024-01-04-26	University of Delaware	The Role of Histone Modifications in Sex-Specific Differences in Chromosome Structure During Meiosis	\$224,868	\$0	\$0
27	2024-01-04-27	University of Delaware	DIY Digital Justice Through GEOZONE Collective: Building a Transnational Geography Zine Organizing Network	\$0	\$0	\$24,987
28	2024-01-04-28	University of Delaware	Quantum Information and Simulation in Mesoscopic Spin Baths	\$0	\$0	\$123,200
29	2024-01-04-29	University of Delaware	Collaborative Research: Hydrology Unlocks the Iron Gate and Alters Nitrogen (N) Availability: Quantification of Dissimilatory Iron Reduction and Key Controls for N Mineralization	\$387,647	\$0	\$0
30	2024-01-04-30	University of Delaware	Novel Tools to Characterize OGT-XLID	\$0	\$0	\$82,396
31	2024-01-04-31	University of Delaware	Unraveling the Degradome and Target Repertoire of the Disintegrin Metalloproteinase ADAM9	\$275,000	\$0	\$0
32	2024-01-04-32	University of Delaware	Core Lithology Logs from Public and Private Sector Boreholes in Report and Well Files at the Delaware Geological Survey: Data Preservation and Web Access	\$58,902	\$0	\$0

33	2024-01-04-33	University of Delaware	The Migration and Differentiation of a Novel Cranial Neural Crest Population	\$275,000	\$0	\$0
34	2024-01-04-34	University of Delaware	Modifying Fragility Fracture Healing Using a Gradient-Based Mechanotransduction Fixation Approach	\$107,575	\$0	\$0
35	2024-01-04-35	University of Delaware	Continued Monitoring of In-Season Root-Knot Nematode Reproduction	\$0	\$0	\$11,700
36	2024-01-04-36	University of Delaware	Public Health Extreme Events Research Network	\$0	\$0	\$131,475
37	2024-01-04-37	University of Delaware	Planting Date and Seed Treatment to Manage RKN	\$0	\$0	\$12,607
38	2024-01-04-38	University of Delaware	Photoacoustic Imaging of Endometriosis with Nanoparticle Contrast Agents	\$275,002	\$0	\$0
39	2024-01-04-39	University of Delaware	Searching for New Physics in the Laboratory and in the Cosmos	\$224,501	\$0	\$0
40	2024-01-04-40	University of Delaware	PECASE: Large Scale 2D Material - Active Silicon Photonics	\$663,315	\$0	\$0
41	2024-01-04-41	University of Delaware	Collaborative Research: Bayesian Graph Learning for Spatial and Temporal Mixed-Type Responses: Theory, Method, Algorithm, and Application	\$100,949	\$0	\$0
42	2024-01-04-42	University of Delaware	High Throughput Osteoarthritis Drug Screening Using Click Chemistry	\$107,571	\$0	\$0
43	2024-01-04-43	University of Delaware	Investigation of Psychosis Risk and Social Media (iPRISM) Study	\$0	\$0	\$257,824
44	2024-01-04-44	University of Delaware	REU Site: Summer REU Program in Marine Science at the University of Delaware	\$21,732	\$0	\$0
45	2024-01-04-45	University of Delaware	Community Autism Peer Specialist in Delaware	\$514,269	\$0	\$0
46	2024-01-04-46	University of Delaware	Investigating PFAS Partitioning to Iron Phases in Soils: Evaluating the Applicability of the Lognormal Langmuir Isotherm Model and Mössbauer Spectroscopy to Develop a Predictive PFAS Soil Sorption Model for Enhanced	\$152,940	\$0	\$0
47	2024-01-04-47	University of Delaware	CICI: UCSS: Secure Containers in High-Performance Computing Infrastructure	\$0	\$0	\$155,878
48	2024-01-04-48	University of Delaware	Engineering Metal Cluster-Reducible Oxide Interfaces for Catalysis	\$0	\$0	\$208,148
49	2024-01-04-49	University of Delaware	CAS: Four-Coordinate Iron- and Cobalt-Carbene Complexes for Carbene-Transfer Catalysis	\$167,275	\$0	\$0
50	2024-01-04-50	University of Delaware	A Passive-Active, Multi-Sensor Approach to Earth's Planetary Boundary Layer (PBL) - Demonstration from the Westcoast & Heartland Hyperspectral MW Sensor Intensive Experiment (WH2vMSIE)	\$25,635	\$0	\$0
51	2024-01-04-51	University of Delaware	Engineering Yeast for Enhanced Folate Production in Extraterrestrial Environments: Addressing Gaps in Space Nutrition	\$214,834	\$0	\$0
52	2024-01-04-52	University of Delaware	Collaborative: Expand: How Electrons are Acquired and Distributed by Iron-Oxidizing Bacteria	\$345,044	\$0	\$0
53	2024-01-04-53	University of Delaware	Carbon Export by Episodic Mesoscale Events in the Gulf of Mexico	\$0	\$0	\$197,054
54	2024-01-04-54	University of Delaware	Ocean-Based Carbon Capture, Storage, and Alkalinity Improvement by a Seawater-Regenerated Metal-Polymer Hybrid Sorbent	\$0	\$0	\$846,885
55	2024-01-04-55	University of Delaware	Generative AI for a High-Resolution Multimodal Sensor Fusion Observation STV System	\$381,884	\$0	\$0
56	2024-01-04-56	University of Delaware	Catalytic Conversion of Plastics in Electrified Slurry Reactors	\$0	\$0	\$200,968
57	2024-01-04-57	University of Delaware	The CSGrad4US Fellowship Program	\$0	\$0	\$26,064
58	2024-01-04-58	University of Delaware	Understanding Formation and Dynamics of the SIV Reservoir	\$0	\$0	\$350,000

59	2024-01-04-59	University of Delaware	Structure, Immunity, and Microbiome: Human 3D Biomimetics Cervicovaginal Models for Sexually Transmitted Infections (SIM-STI)	\$0	\$0	\$140,000
60	2024-01-04-60	University of Delaware	HP-DWS-SANS: A Novel Multimodal Sample Environment for Simultaneous High Pressure Microrheology and Small Angle Neutron Scattering	\$0	\$0	\$18,750
61	2024-01-04-61	University of Delaware	A Federated Trial Emulation Framework for Integrating Evidence from Clinical Research Networks	\$0	\$0	\$212,314
62	2024-01-04-62	University of Delaware	Phytoplankton Community Dynamics Associated with Hypoxia, Mesoscale Eddies, and Responses to Storms Using PACE Hyperspectral Unmixing and SWOT Data	\$0	\$0	\$228,304
63	2024-01-04-63	University of Delaware	Chemically-Defined Media for CHO Cells	\$0	\$0	\$31,549
64	2024-01-04-64	University of Delaware	2025 DOS ECA Excellence in Chinese Language and Culture NSLI-Y	\$0	\$0	\$302,918
65	2024-01-04-65	University of Delaware	Targeting the Latent HIV Reservoir with Combination Therapy Platform	\$0	\$0	\$151,415
66	2024-01-04-66	University of Delaware	Novel Drug Delivery Platform to Enhance Delivery of Combination Payloads for Metastatic Breast Cancer	\$0	\$0	\$89,956
67	2024-01-04-67	University of Delaware	Collaborative Research: Expanding the Diversity of Iron Oxidation Mechanisms Via Genetics, Microscopy and 'omics in Leptothrix	\$19,680	\$0	\$0
68	2024-01-04-68	University of Delaware	Collaborative Research: ULTRA-Data: Harmonizing at-Sea Seabird Surveys at Three Marine LTER Sites to Uncover Community Responses from the Subarctic to Antarctic	\$68,357	\$0	\$0
69	2025-01-11-01	Delaware State University	Promoting Accessibility to Effective Science Learning Environments for Students with Learning Disabilities: A Design and Development Project (Project Scientific Explorers-2)	\$156,909	\$0	\$0
70	2025-01-11-02	Delaware State University	Project ECLIPSE (Equitable Curriculum and Leadership in Special Education)	\$1,146,178	\$0	\$0
71	2025-01-11-03	Delaware State University	Health and Socio-Economic Correlates of Enrollment, Retention and On-time Graduation of First-Generation College Students at HBCUs	\$77,134	\$0	\$0
72	2025-01-11-04	Delaware State University	Strategic Planning Supplement	\$36,500	\$0	\$0
73	2025-01-11-05	Delaware State University	GRANTS MADE at Scale: Implementing a Regional Research Administration Student Internship Program at Maryland and Delaware MSIs	\$260,590	\$0	\$0
74	2025-01-11-06	Delaware State University	Phase II: The Hope House	\$750,000	\$0	\$0

Created 1/10/2025

Join Zoom Meeting

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