

**Delaware State Clearinghouse Committee  
Revised December Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
December 17, 2024 @ 10:00am

<i>Item</i>	<i>SAI#</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>
<b>New Business*</b>									
1	<a href="#">6603</a>	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer – Technology	\$1,100,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6591</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Adoption of Latest and Zero Building Energy Codes	\$6,916,264	\$0	\$0	1.57	0.00	0.00
3	<a href="#">6569</a>	Department of Agriculture, Administrative	Community Facility Grant	\$866,000	\$0	\$20,366	0.00	0.00	0.00
4	<a href="#">6609</a>	Department of Agriculture, Forest Service	Forest Resiliency - IRA	\$2,500,000	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">6578</a>	Executive, Criminal Justice, Statistical Analysis Center	State Justice Statistics Program for Statistical Analysis Centers	\$75,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6583</a>	Executive, Criminal Justice, Criminal Justice Council	Project Safe Neighborhoods	\$90,193	\$0	\$0	0.07	0.00	0.00
3	<a href="#">6586</a>	Executive, Criminal Justice, Criminal Justice Council	Edward Byrne Memorial Justice Assistance Grant	\$923,744	\$0	\$0	0.92	0.00	0.00
4	<a href="#">6419 Amendment</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients & Providers - State Health Insurance Assistance Program	\$0	\$0	\$0	0.00	-0.30	0.00
5	<a href="#">6607</a>	Department of State, Human and Civil Rights	Fair Housing Assistance Program	\$210,322	\$0	\$0	1.00	0.00	0.00
6	<a href="#">6153 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	State Lead-Based Paint Program	\$275,523	\$0	\$0	0.00	0.00	0.00
7	<a href="#">6333 Amendment</a>	Department of Health and Social Services, Social Services	Refugee Cash and Medical Assistance Program	\$3,910,608	\$0	\$0	0.50	0.00	0.00
8	<a href="#">6530</a>	Department of Health and Social Services, Public Health, Community Health	Delaware Public Water System Supervision	\$686,935	\$506,208	\$0	7.50	5.90	0.00
9	<a href="#">6589</a>	Department of Health and Social Services, Public Health, Community Health	Sexual Violence Prevention and Education	\$250,286	\$0	\$0	0.00	0.00	0.00
10	<a href="#">6613</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children (WIC) Farmers' Market Nutrition Program – Administration	\$46,525	\$22,980	\$0	0.00	0.34	0.00
11	<a href="#">6614</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children (WIC) Farmers' Market Nutrition Program – Food	\$227,153	\$0	\$0	0.00	0.00	0.00
12	<a href="#">6498</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Underground Injection Control	\$48,000	\$18,759	\$0	0.50	0.15	0.00
13	<a href="#">6593</a>	Department of Labor, Employment and Training, Employment and Training Services	Disabled Veterans Outreach Program	\$581,422	\$0	\$0	6.00	0.00	0.00
14	<a href="#">6595</a>	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Youth	\$3,525,562	\$0	\$0	4.05	0.00	0.00
15	<a href="#">6596</a>	Department of Labor, Employment and Training, Employment and Training Services	Work Opportunity Tax Credit	\$97,077	\$0	\$0	0.75	0.00	0.00
16	<a href="#">6597</a>	Department of Labor, Employment and Training, Employment and Training Services	Wagner-Peyser Act Employment Services	\$2,017,779	\$0	\$0	20.30	0.00	0.00
17	<a href="#">6598</a>	Department of Labor, Employment and Training, Employment and Training Services	Foreign Labor Certification	\$65,015	\$0	\$0	1.25	0.00	0.00

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

18	<a href="#">6599</a>	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Adult	\$3,396,064	\$0	\$0	10.56	0.00	0.00
19	<a href="#">6600</a>	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act – Dislocated Worker	\$2,517,108	\$0	\$0	10.86	0.00	0.00
20	<a href="#">6601</a>	Department of Labor, Employment and Training, Employment and Training Services	Trade Adjustment Assistance	\$100,000	\$0	\$0	1.50	0.00	0.00
21	<a href="#">6548</a>	Department of Agriculture, Forest Service	Forest Legacy Administration	\$50,000	\$13,147	\$0	0.00	0.11	0.00
22	<a href="#">6562</a>	Department of Agriculture, Agricultural Lands Preservation	Agricultural Conservation Easement Program	\$649,289	\$649,289	\$0	0.00	0.00	0.00
23	<a href="#">6605</a>	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey-Infrastructure	\$99,617	\$0	\$0	0.90	0.00	0.00
24	<a href="#">6606</a>	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey – Fire Ant Survey	\$5,139	\$0	\$0	1.00	0.00	0.00
25	<a href="#">6611</a>	Department of Agriculture, Forest Service	State Forest Action Plan - IIJA	\$237,000	\$0	\$0	0.00	0.00	0.00
26	<a href="#">6612</a>	Department of Agriculture, Forest Service	State Fire Assistance – IIJA	\$51,462	\$15,642	\$0	0.00	0.15	0.00

**Higher Education**

1	6507	Delaware Technical Community College	E-RISE RII Water in the Changing Coastal Environment of Delaware	\$207,097	\$0	\$0			
2	6514	Delaware Technical Community College	E-CORE RII Strengthening Partnerships for Advancing Research Capacity in Delaware	\$600,678	\$0	\$0			
3	2024-12-07-01	University of Delaware	Nature of Interplanetary Low Energy Electrons and Positrons	\$85,272	\$0	\$0			
4	2024-12-07-02	University of Delaware	University of Delaware Center for Behavioral and Experimental Agri-Environmental Research	\$50,000	\$0	\$0			
5	2024-12-07-03	University of Delaware	Aminative Cross-Couplings of Electrophilic N1-Arylindoles with Boronic Acids	\$77,571	\$0	\$0			
6	2024-12-07-04	University of Delaware	Collaborative Research: NSF-GACR: Spectroscopic Characterization of OBA Stars with Presumably Rotationally-Modulated Light Curves	\$67,502	\$0	\$0			
7	2024-12-07-05	University of Delaware	Equipment: MRI: Track 2 Acquisition of a 600 MHz Dynamic Nuclear Polarization NMR System for Interdisciplinary Research, Education, and Training	\$3,991,761	\$0	\$0			
8	2024-12-07-06	University of Delaware	CDS&E: Physics- and Data-Driven Computational Studies of Polystyrene Sulfonate-Based Materials for Electronics and Biomaterials Applications	\$625,976	\$0	\$0			
9	2024-12-07-07	University of Delaware	FRSAN - Year 5	\$0	\$0	\$73,635			
10	2024-12-07-08	University of Delaware	EV Storage Used to Reduce Electric Costs and Provide Resilience to Buildings and the Distribution System	\$3,186,819	\$0	\$0			
11	2024-12-07-09	University of Delaware	STEM of Sustainability	\$72,254	\$0	\$0			
12	2024-12-07-10	University of Delaware	Project AMISD: A Multi-Level Meta-Analysis of Single-Case Studies on Adaptive Mathematics Instruction for Students with Disabilities	\$0	\$0	\$40,998			
13	2024-12-07-11	University of Delaware	Carbonyls to Cancer Therapeutics	\$1,304,250	\$0	\$0			
14	2024-12-07-12	University of Delaware	Dynamics of the Explosive Dust Formation Near Periastron in WR140	\$0	\$0	\$19,761			
15	2024-12-07-13	University of Delaware	MRI: Track 1 Acquisition of Photoelectron Spectrometer	\$1,000,548	\$0	\$0			
16	2024-12-07-14	University of Delaware	Conducting a Mixed Method Systematic Review and Building a Next Generation Teacher Professional Learning Framework	\$375,000	\$0	\$0			
17	2024-12-07-15	University of Delaware	IWriteCoach: Leveraging Generative AI for Personalized Writing Coaching in STEM Education	\$594,904	\$0	\$0			
18	2024-12-07-16	University of Delaware	Eta Carina: Mining the Iron Range with XRISM	\$0	\$0	\$29,641			

19	2024-12-07-17	University of Delaware	Integrated Circuits for High-Speed Data Transmission	\$0	\$0	\$54,875
20	2024-12-07-18	University of Delaware	Developing a Vulnerability Model to Assess Urban Resilience from Climate Change-Induced Schistosomiasis Risk	\$0	\$0	\$9,000
21	2024-12-07-19	University of Delaware	Using Grid Sampling Maps to Determine Mn Interactions with pH and Soil Fe	\$0	\$0	\$13,859
22	2024-12-07-20	University of Delaware	Unraveling the Impact of Turbulence and Magnetic Structures on Solar Energetic Particle Transport in the Inner Heliosphere	\$0	\$0	\$385,897
23	2024-12-07-21	University of Delaware	Optimizing Exoskeleton-Assisted Training Targeting Post-Training Effects in Propulsion Mechanics	\$509,494	\$0	\$0
24	2024-12-07-22	University of Delaware	Clean Hydrogen by Electrochemical Methods	\$7,627,308	\$0	\$0
25	2024-12-07-23	University of Delaware	Smart Additive Manufacturing of Copper-Carbon Nanotube Composites with Enhanced Conductivity	\$0	\$0	\$196,749
26	2024-12-07-24	University of Delaware	Biochar Partnership for the Chesapeake (BPC): Scaling Up Biochar Applications and Conversations	\$0	\$0	\$146,339
27	2024-12-07-25	University of Delaware	A Platform to Overcome Immunodominance in Vaccine Development	\$0	\$0	\$60,191
28	2024-12-07-26	University of Delaware	Smart Manufacturing and AI-Driven Electroplating for High-Performance Doped Nanocomposite Materials with Enhanced Electrical Conductivity, Mechanical Strength, and Corrosion Resistance	\$0	\$0	\$223,303
29	2024-12-07-27	University of Delaware	Investigate Wetland Vegetation Dynamics and Ecosystem Fluxes Across the Northern Gulf of Mexico and the Southeast Florida Coastal Terrestrial-Aquatic Interfaces Under Extreme Events and Sea Level Rise	\$0	\$0	\$98,528
30	2024-12-07-28	University of Delaware	Tracking Trajectories and the Role of Caregiver Input in the Vocal Development of Infants with Neurogenetic Syndromes	\$291,447	\$0	\$0
31	2024-12-07-29	University of Delaware	Defining the Connection Between Vitamin B12 Deficiency and Alzheimer's Disease	\$1,904,753	\$0	\$0
32	2024-12-07-30	University of Delaware	Understanding Muscle Fatigue and its Effects on Gait in the Real World	\$0	\$0	\$5,000
33	2024-12-07-31	University of Delaware	Evaluation of Novel High Performance Carbon Fibers	\$0	\$0	\$18,064
34	2024-12-07-32	University of Delaware	UDMuseums@50: Inspiring the Next 50 Years of Connections	\$49,051	\$0	\$0
35	2024-12-07-33	University of Delaware	Continued Evaluation of Fungicide Efficacy and Timing in Sorghum	\$0	\$0	\$12,307
36	2024-12-07-34	University of Delaware	Collaborative Research: AI-Supported P-PBL	\$1,249,883	\$0	\$0
37	2024-12-07-35	University of Delaware	Students as Citizen Scientists	\$357,037	\$0	\$0
38	2024-12-07-36	University of Delaware	Scientific Machine Learning and Data-Driven Simulation for the Tear Film	\$387,382	\$0	\$0
39	2024-12-07-37	University of Delaware	Radpour's Delaware Arts Museum Funded Lab Delaware Arts Funded Lab Radpour	\$0	\$0	\$2,000
40	2024-12-07-38	University of Delaware	A Distributed Sensor Network for the Coupling of Boundary Layers and Internal Waves on the Upper Continental Slope	\$0	\$0	\$1,086,105
41	2024-12-07-39	University of Delaware	Increasing IDeA State Biomedical Entrepreneurship Via Ecosystem, Enterprises & Experts	\$0	\$0	\$278,027
42	2024-12-07-40	University of Delaware	Mathematical Structure of Dispersive Media Through the Lens of Herglotz-Nevanlinna Function Theory	\$273,887	\$0	\$0
43	2024-12-07-41	University of Delaware	Delaware's Quality Improvement System (QIS) for Early Care & Education Programs	\$0	\$0	\$55,000
44	2024-12-07-42	University of Delaware	The Science Learning Lab at the University of Delaware: A Model Center for Supporting Pre-Service Preparation in Effective and Equitable Science Instruction	\$3,296,508	\$0	\$0
45	2024-12-07-43	University of Delaware	DSFAS: Predicting the Movement of Highly Pathogenic Avian Influenza in Wild Waterfowl in the U.S. and Canada	\$0	\$0	\$114,806
46	2024-12-07-44	University of Delaware	Vera Rubin Observatory: Implementing the Community-Driven Strategies for Target of Opportunity Observations	\$0	\$0	\$45,940

47	2024-12-07-45	University of Delaware	CRCNS US-French Research Proposal: Optimal Control Framework for Studying the Neural Control of Force, Impedance, and Feedback Responses	\$759,999	\$0	\$0
48	2024-12-07-46	University of Delaware	Collaborative Research: Evolutionary Pathways for Magnetic Massive Stars	\$480,435	\$0	\$0
49	2024-12-07-47	University of Delaware	Catalyzing a Partnership to Co-Design Professional Learning for Teaching Secondary STEM to MLLs	\$62,453	\$0	\$0
50	2024-12-07-48	University of Delaware	Nature of Interplanetary Low Energy Electrons and Positrons	\$1,690,890	\$0	\$0
51	2024-12-07-49	University of Delaware	Collaborative Research: RUI: Low-Rank Tensor Methods with High-Order Accuracy and Structure-Preserving Properties for Kinetic Simulations	\$79,070	\$0	\$0
52	2024-12-07-50	University of Delaware	Effective Viscosity and Resistivity in Plasmas from Collisional to Collisionless Regimes	\$321,229	\$0	\$0
53	2024-12-07-51	University of Delaware	Brown Dwarfs and LSST	\$383,703	\$0	\$0
54	2024-12-07-52	University of Delaware	Chance Favours the Prepared Astrophysicists: Forcing Serendipitous Discoveries in the Era of Big Surveys and AI	\$257,993	\$0	\$0
55	2024-12-07-53	University of Delaware	DSFAS: Biomass-Derived Safer Insecticides for Agricultural Sustainability	\$454,992	\$0	\$0
56	2024-12-07-54	University of Delaware	PECASE: YIP: Large Scale 2D material Active Silicon Photonics	\$663,315	\$0	\$0
57	2024-12-07-55	University of Delaware	Delaware's Quality Improvement System (QIS) for Early Care & Education Programs	\$0	\$0	\$75,000
58	2024-12-07-56	University of Delaware	Sexism in Gaming Impacts Girls' Well-Being and Mental Health	\$337,995	\$0	\$0
59	2024-12-07-57	University of Delaware	Collaborative Research: Computational Modeling and Design of Next-Generation Solar Cells	\$278,526	\$0	\$0
60	2024-12-07-58	University of Delaware	Target Detection and Identification Using Multimodal Imagery and Machine Learning	\$205,200	\$0	\$0
61	2024-12-07-59	University of Delaware	Fluidized Bed Gasifier Intensified with Catalytic Membrane Reactor for Co-Gasification of Biomass and Plastic Wastes	\$0	\$0	\$321,751
62	2024-12-07-60	University of Delaware	Enhancing Data and Insight Generation from Online Social Networks Through a Novel Human-AI Collaborative Framework	\$0	\$0	\$69,856
63	2024-12-07-61	University of Delaware	MRI: Track 1 Acquisition of Cellview S8 Spectral Sorter for Cellular Barcoding, Comprehensive Immunophenotyping and Imaging-Based Cell Sorting Applications	\$960,508	\$0	\$0
64	2024-12-07-62	University of Delaware	Migration Chronology, Breeding Distribution, and Winter Site Fidelity of Atlantic Population of Canada Geese	\$0	\$0	\$127,626
65	2024-12-07-63	University of Delaware	Ultra-Dense Comb Polymers as Modular Building Blocks for Multiscale Biomimetic Polymeric Networks	\$0	\$0	\$98,572
66	2024-12-07-64	University of Delaware	Mothers' Childhood Experiences, Maternal Sensitivity, and Immune Regulation in Young Children	\$0	\$0	\$5,168
67	2024-12-07-65	University of Delaware	Preparing Researchers at the Intersection of Special Education and Mathematics (PRISM)	\$0	\$0	\$855,928
68	2024-12-07-66	University of Delaware	Kinetics of PEDOT Polymerization and Influence on Mixed Transport Properties of PEDOT:PSS	\$0	\$0	\$235,573
69	2024-12-07-67	University of Delaware	IceCube Neutrino Analysis	\$0	\$0	\$605,031
70	2024-12-07-68	University of Delaware	Scalable Production of Large and Three-Dimensional Structural Composite Parts for Ultra-Light Vehicles	\$0	\$0	\$250,001
71	2024-12-07-69	University of Delaware	Enhanced Evaporative Flux to Remediate Brine-Contaminated Soil Phase 3 (Mesoscale Experiments Only)	\$0	\$0	\$68,148
72	2024-12-07-70	University of Delaware	Diagnostic Services Per Task Orders Related to IDIQ 1142715	\$18,064	\$0	\$0
73	2024-12-07-71	University of Delaware	Moving from a Single-Active-Electron Approximation to an All-Electron Model for Strong Field Interactions	\$283,680	\$0	\$0
74	2024-12-07-72	University of Delaware	Validating and Constructing Divergence-Free Finite Elements on Tetrahedral Meshes	\$126,287	\$0	\$0
75	2024-12-07-73	University of Delaware	Planning Grant for Evaluation of the Improve Your Tomorrow Academy	\$0	\$0	\$19,231

76	2024-12-07-74	University of Delaware	Development of Complementary Machine Learning Workflows and RheoSANS-Microscope Instrumentation for Multiscale Characterization of Soft Matter Under Non-Equilibrium Conditions	\$292,533	\$0	\$0
77	2024-12-07-75	University of Delaware	Innovating Multifunctional Marine Antifouling Coatings Through Electrochemically Catalyzed Zeolite Crystallization	\$407,798	\$0	\$0
78	2024-12-14-01	Delaware State University	Teacher Awareness and Use of Technology in the Foreign Language Classroom	\$87,755	\$0	\$0
79	2024-12-14-02	Delaware State University	NRT-AI: Training the DE Valley for Sustainable Urban Agriculture (AIDeV-4-UrbanAg)	\$1,350,000	\$0	\$0
80	2024-12-14-03	Delaware State University	Targeted Infusion Project: Workforce Training and Curriculum Development Initiatives for Biology Undergraduates to Promote Engagement, Success, and Career Preparedness at DSU	\$399,733	\$0	\$0
81	2024-12-14-04	Delaware State University	Examining the Real-Time Impact of Home and Neighborhood Safety on Sleep and Mental Health	\$972,632	\$0	\$0
82	2024-12-14-05	Delaware State University	ARGUE-STEM- Advancing Retention and Cognitive Growth in STEM Through AI-Powered Argumentation and Brain-Targeted Teaching at DSU	\$400,000	\$0	\$0
83	2024-12-14-06	Delaware State University	Nanotechnology Enabled Applications and Workforce Development in Delaware (NRT)	\$1,800,000	\$0	\$0

12/11/2024

## Join Zoom Meeting

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