

# 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

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Federal	Positions State	Other
<b>New Business*</b>									
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
<b>Continued</b>									
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
<b>Higher Education</b>									
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			

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

# Delaware State Clearinghouse Committee

## February Agenda

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

February 24, 2025 @ 2:00pm

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Federal	Positions State	Other
<b>New Business*</b>									
1	6640	Department of State, Libraries	Family Literacy Center	\$37,500	\$0	\$0	0.00	0.00	0.00
2	6630	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Okie Preserve Project - IJJA	\$4,115,811	\$615,496	\$0	0.00	1.15	0.00
<b>Continued</b>									
1	6592	Department of Health and Social Services, Office of the Secretary, Administration	Innovations in Nutrition Program and Services	\$149,544	\$49,848	\$0	0.00	0.00	0.00
2	6620	Department of Health and Social Services, Medicaid and Medical Assistance	Children's Health Insurance Program (CHIP)	\$36,361,753	\$14,080,761	\$0	2.96	1.15	0.00
3	5046 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Clean Cities Coalition Grant	\$60,000	\$0	\$0	0.00	0.00	0.00
4	6629	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Structure Oriented Fish Assessment Program	\$472,587	\$157,529	\$0	0.05	0.20	0.00
5	6654	Department of Natural Resources and Environmental Control, Watershed Stewardship	Tidal Wetland Restoration Cooperative Agreement	\$50,000	\$0	\$0	0.00	0.00	0.00
<b>Higher Education</b>									
1	2025-02-01-01	University of Delaware	Implementation of Encroachment Mitigation and Military Installation Resilience Strategy Through Coordination and Involvement in Community Planning	\$808,785	\$0	\$0			
2	2025-02-01-02	University of Delaware	University of Delaware Upward Bound Program	\$346,640	\$0	\$0			
3	2025-02-01-03	University of Delaware	University of Delaware Leadership in Civic Engagement	\$0	\$0	\$208,141			
4	2025-02-01-04	University of Delaware	In-Situ and Ex-Situ Investigation of Interface Passivation/Depassivation in Heterojunction Solar Cells to Devise Mitigation Strategies	\$2,022,883	\$0	\$0			
5	2025-02-01-05	University of Delaware	Characterizing Current and Future U.S. Severe Convective Storm Risk for Insurance Applications	\$318,683	\$0	\$0			
6	2025-02-01-06	University of Delaware	A High-Throughput Computational and Experimental Approach to the Design of Unconventional Magnets	\$0	\$0	\$514,824			
7	2025-02-01-07	University of Delaware	Enhance Energy Supply Chain Security by Augmenting the Energy Sector Software Bill of Materials	\$884,084	\$0	\$0			
8	2025-02-01-08	University of Delaware	Mechanosignaling in Pediatric Brain Cancers	\$0	\$0	\$14,087			
9	2025-02-01-09	University of Delaware	Expanding the Geography and User Base of the Atlantic Sturgeon Occurrence Model	\$660,353	\$0	\$0			
10	2025-02-01-10	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 Risk Assessment	\$152,940	\$0	\$0			
11	2025-02-01-11	University of Delaware	Developing Engineering Practices Using Ecosystem Design Solutions for Future Army (DEEDS) - University of Delaware	\$531,316	\$0	\$0			
12	2025-02-01-12	University of Delaware	Developing and Validating a Fraction Power Screener for Students with Mathematics Difficulties	\$2,546,503	\$0	\$0			
13	2025-02-01-13	University of Delaware	NRT: Accelerating Research Translation (ART) of Synthetic Biology & Biomanufacturing	\$2,554,719	\$0	\$0			

14	2025-02-01-14	University of Delaware	Mixed Methods Investigation of Backward Transfer Effects in Mathematics Education	\$1,033,444	\$0	\$0
15	2025-02-01-15	University of Delaware	Machine Learning Enabled 3D Printed High Temperature Smart Tooling	\$298,303	\$0	\$0
16	2025-02-01-16	University of Delaware	STORIES: Scaffolding and Transforming Opportunities for Reading with Intelligent E-book System	\$4,176,348	\$0	\$0
17	2025-02-01-17	University of Delaware	Smart Automated Manufacturing of Soft Tooling for Composite Automotive Components	\$1,320,089	\$0	\$0
18	2025-02-01-18	University of Delaware	Master Research Agreement Amendment 23A	\$0	\$0	\$1,654
19	2025-02-01-19	University of Delaware	Cost-Effective Re-X Implementation in Large Automotive Composite Structures	\$1,418,130	\$0	\$0
20	2025-02-01-20	University of Delaware	A Unique Exploration of Developmental Language Disorder	\$297,003	\$0	\$0
21	2025-02-01-21	University of Delaware	Community Based Care Management Program Evaluation	\$0	\$0	\$130,435
22	2025-02-01-22	University of Delaware	Graph Correlation for Scalable Dependence Testing and LLM-Enabled Insights	\$241,634	\$0	\$0
23	2025-02-01-23	University of Delaware	BACCARAT Project (Benefits and Costs of Cooling Accounting for Risks and Tipping Points) Seeks to Evaluate the Complex Trade-Offs Associated with Climate Cooling Technologies, Particularly Solar Radiation Management (SRM), from an Economic Perspective	\$0	\$0	\$444,398
24	2025-02-01-24	University of Delaware	Network Delaware Inc 2 PADE 24/25 Partner Organization	\$0	\$0	\$15,500
25	2025-02-01-25	University of Delaware	Delaware Futures Inc 2 PADE 24/25 Partner Organization	\$0	\$0	\$18,500
26	2025-02-01-26	University of Delaware	Montessori Works DE Inc PADE 24/25 Partner Organization	\$0	\$0	\$15,500
27	2025-02-01-27	University of Delaware	Sean Locke 24 Foundation PADE 24/25 Partner Organization	\$0	\$0	\$21,500
28	2025-02-01-28	University of Delaware	Wilmington Hope Commission PADE 24/25 Partner Organization	\$0	\$0	\$18,500
29	2025-02-01-29	University of Delaware	Community Legal Aid Society, Inc. PADE 24/25 Partner Organization	\$0	\$0	\$23,500
30	2025-02-01-30	University of Delaware	Nonlinear Magnonics in van der Waals Magnets	\$233,917	\$0	\$0
31	2025-02-01-31	University of Delaware	Mechanisms of Neural Crest Development and Craniofacial Disorders	\$2,235,237	\$0	\$0
32	2025-02-01-32	University of Delaware	Geologic Map of the Harrington Quadrangle, Delaware	\$191,548	\$0	\$0
33	2025-02-01-33	University of Delaware	Cavity Magnonics in van der Waals Magnets	\$0	\$0	\$5,000
34	2025-02-01-34	University of Delaware	Structural Interrogation of the HIV-1 Virion and the Mechanism of the Capsid Targeting Compound Lenacapavir	\$0	\$0	\$529,245
35	2025-02-01-35	University of Delaware	Polyvirus Nib Protein Dual Function of Synthesizing Viral RNA and Protecting it from Degradation	\$0	\$0	\$218,272
36	2025-02-01-36	University of Delaware	Templated Patterning on BSMV Viral-Like Particles for Metallic Multifunctional Nanomaterial Synthesis	\$368,289	\$0	\$0
37	2025-02-01-37	University of Delaware	Therapeutic Potential of Systemic and Localized Zinc Delivery for Modulating Fracture Repair	\$59,474	\$0	\$0

38	2025-02-01-38	University of Delaware	A Tether-Free, Patient Specific 1000 Channel Neural Interface Based on Sub-Millimeter Optoelectronic Motes	\$0	\$0	\$420,268
39	2025-02-01-39	University of Delaware	Scale-Up of Transparent and Screen-Mounted Tactile Actuators for Next Generation Assistive Devices	\$0	\$0	\$95,921
40	2025-02-01-40	University of Delaware	EDU EPSCoR DCL: FilmTEK: Building Equitable Collaborations Between Research Institutes, Media Production Companies, and Indigenous-Led Community-Based Organizations	\$92,631	\$0	\$0
41	2025-02-01-41	University of Delaware	Integrated Carbon-Neutral Methanol Production from Direct Air Capture and Carbon-Free Hydrogen	\$7,576,095	\$0	\$0
42	2025-02-01-42	University of Delaware	Innovations in Tendon Structure-Function Characterization for Improved Rehabilitation Strategies	\$0	\$0	\$5,000
43	2025-02-01-43	University of Delaware	A Critical Visual Exploration of the Experiences of Racially Minoritized Graduate Students in Racial/Ethnic Graduate Student Organizations Navigating State Bans on Diversity, Equity, and Inclusion Initiatives	\$0	\$0	\$4,600
44	2025-02-01-44	University of Delaware	Delaware Geological Survey National Ground Water Monitoring Network 2025	\$28,599	\$0	\$0
45	2025-02-01-45	University of Delaware	Deciphering Cognition with Geometry	\$0	\$0	\$500,003
46	2025-02-01-46	University of Delaware	Mixed Plastics Deconstruction	\$0	\$0	\$93,750
47	2025-02-01-47	University of Delaware	Supplemental Proposal: The Impacts of Pre-Service Supervised Field Experiences on Elementary Teachers Retention and Effectiveness in Mathematics	\$212,463	\$0	\$0
48	2025-02-01-48	University of Delaware	Explaining Conformational Regulation of Virus Capsid Function Throughout Infection	\$1,421,000	\$0	\$0
49	2025-02-01-49	University of Delaware	Development and Application of Biochar-Based Growth Media from Biomass Wates for Sustainable Hydroponics	\$0	\$0	\$41,928
50	2025-02-01-50	University of Delaware	Hybrid Short Fiber Composites for Tailorable Electromagnetic Properties	\$0	\$0	\$31,251
51	2025-02-01-51	University of Delaware	Reducing Stigmatizing Beliefs Affecting People Who Use Drugs in Kentucky: A Multi-Level Stigma Reduction PhotoVoice Intervention	\$0	\$0	\$161,635
52	2025-02-01-52	University of Delaware	Understanding Muscle Fatigue and its Effects on Gait in Real World	\$0	\$0	\$9,000
53	2025-02-01-53	University of Delaware	NSF Oceanographic Instrumentation CY25	\$12,007	\$0	\$0
54	2025-02-01-54	University of Delaware	Computational Autonomous Vehicle Storage	\$0	\$0	\$45,001
55	2025-02-01-55	University of Delaware	Subcellular Transport, Regulation, and Function of RNAs During Early Development	\$1,320,189	\$0	\$0
56	2025-02-01-56	University of Delaware	University of Delaware - RV Hugh Sharp SSSE FY 2025	\$165,668	\$0	\$0
57	2025-02-01-57	University of Delaware	Collaborative Research: Shifting Attention: The Role of Code-Switching in Bilinguals' Learning and Memory	\$200,964	\$0	\$0
58	2025-02-01-58	University of Delaware	Printable Batteries and Electrodes for Wearable Electrical Stimulation	\$0	\$0	\$29,100
59	2025-02-01-59	University of Delaware	Off-Road Motion Planning for Autonomous Mobile Robots	\$0	\$0	\$27,000
60	2025-02-01-60	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$198,341	\$0	\$0
61	2025-02-01-61	University of Delaware	RCN: ORCC: Regulatory Roles of MicroRNAs in Thermotolerance	\$525,191	\$0	\$0

62	2025-02-01-62	University of Delaware	Collaborative Research: FEC: Rapid Discovery of Catalysts and Emergent Feedstocks for Sustainable Aviation Fuel Production	\$1,237,292	\$0	\$0
63	2025-02-01-63	University of Delaware	Collaborative Research: CS2: Modular Verification of Scientific Software Using Model Checking, Symbolic Execution, and Abstraction	\$250,991	\$0	\$0
64	2025-02-01-64	University of Delaware	Brain Mechanics Knowledgebase (BrainMeck) for TBI, Neurosurgery and Device Development	\$0	\$0	\$175,000
65	2025-02-01-65	University of Delaware	Identifying Economically Feasible Locations for Switchgrass Expansion	\$0	\$0	\$42,002
66	2025-02-01-66	University of Delaware	Science Team Support Punch Phase E	\$0	\$0	\$317,810
67	2025-02-01-67	University of Delaware	Chemical Methods for the Synthesis of Complex Molecules	\$2,124,890	\$0	\$0
68	2025-02-01-68	University of Delaware	Leveraging PACE and Existing and Future Satellite Products to Build and Refine Bloom Forecasts for the Chesapeake Bay	\$0	\$0	\$117,189
69	2025-02-01-69	University of Delaware	CS2: Modular Verification of Scientific Software Using Model Checking, Symbolic Execution, and Abstraction	\$250,000	\$0	\$0
70	2025-02-01-70	University of Delaware	Mechanisms of Direct Cell-Cell Communication During Graft Formation	\$1,375,000	\$0	\$0
71	2025-02-01-71	University of Delaware	Collaborative Research: MFS-SPEED: Leveraging Data Science Towards Sustainable Polymers Generation from Plastics and Mixed Waste	\$920,538	\$0	\$0
72	2025-02-01-72	University of Delaware	Quantum Dynamics of Spin-Based Molecular Systems	\$0	\$0	\$364,832
73	2025-02-01-73	University of Delaware	Collaborative Research: NSF R2I2: Resilience Implementation for Salt-Intruded Geographies (RISING) Mid-Atlantic	\$50,919	\$0	\$0
74	2025-02-01-74	University of Delaware	Photonic Chemistry of the Forever Bond	\$0	\$0	\$108,779
75	2025-02-01-75	University of Delaware	Collaborative Research: Aerosol Nutrient and Pollutant Trace Element Time Series in Utqiagvik, Alaska: Impacts of Changing Arctic Precipitation	\$342,964	\$0	\$0
76	2025-02-01-76	University of Delaware	Multiscale Investigation of HBV Capsid Modulation by Small Molecules: Mechanisms of Assembly, Disassembly, and Drug Discovery	\$0	\$0	\$833,330
77	2025-02-01-77	University of Delaware	The Impacts of Daily Saffron Supplementation on Emotional Status, Sleep Quality, and Quality of Life in Women of Reproductive Age with Premenstrual Syndrome	\$0	\$0	\$85,000
78	2025-02-01-78	University of Delaware	Assessing Salt Marsh Condition and the Effects of Restoration in the Northeast	\$163,314	\$0	\$0
79	2025-02-01-79	University of Delaware	Developing a Personalizable Intervention for Sentence Comprehension in Kids with Developmental Language Disorders	\$2,830,187	\$0	\$0
80	2025-02-01-80	University of Delaware	Analyzing 20 Years of Landbird Data for the Northern Colorado Plateau I&M Network of the National Park Service	\$20,548	\$0	\$0
81	2025-02-01-81	University of Delaware	Light-Matter Interactions in Artificial Spin Lattices (Renewal)	\$0	\$0	\$579,935
82	2025-02-01-82	University of Delaware	Creating a Space and Opportunity to Cultivate the Next Generation of RIA	\$0	\$0	\$875,001
83	2025-02-01-83	University of Delaware	Explaining the Heterogeneity of Clinical Presentation in Individuals with Pain: Influence of Sex on Structural Brain Biomarkers	\$0	\$0	\$18,448
84	2025-02-01-84	University of Delaware	Rapid Evidence Review on School District Central Office Redesign	\$0	\$0	\$211,079
85	2025-02-01-85	University of Delaware	Development and Evaluation of a Feeder Mounted Vaccine Field Boost Spray System	\$0	\$0	\$64,653



86	2025-02-01-86	University of Delaware	The Role of Real-World Gait Mechanics to Moderate Improvements in Pain and Function Following Strength Training in Adults with Knee Osteoarthritis	\$3,710,863	\$0	\$0
87	2025-02-01-87	University of Delaware	Machine Learning in Front-End Electronics for Nuclear Physics Experiments	\$0	\$0	\$479,488
88	2025-02-01-88	University of Delaware	Deciphering Environmental Change Impacts and Pathways of Mercury Exposure in Arctic Food Webs: Insights from Marine Predators	\$635,294	\$0	\$0
89	2025-02-01-89	University of Delaware	DMREF: Bio-Derived High-Strength 3D-Printed Polymer Foams	\$0	\$0	\$435,208
90	2025-02-01-90	University of Delaware	Center for Clean Hydrogen, University of Delaware	\$3,590,640	\$0	\$0
91	2025-02-01-91	University of Delaware	Networked Trial Emulation Framework for Causal Effects of Glucagon-Like Peptide-1 Receptor Agonists on Mental Health Outcomes	\$0	\$0	\$500,000
92	2025-02-01-92	University of Delaware	Developing Debiased Causal Transformer for Clinical Evidence Generation: Application to Repurposing Glucagon Like Peptide 1 Receptor Agonists	\$0	\$0	\$500,000
93	2025-02-01-93	University of Delaware	Vision-Based Neural Solver for Graph Property Testing	\$0	\$0	\$60,000
94	2025-02-01-94	University of Delaware	High-Resolution 13C-DIC Data Collection During ARC01-2026 Expedition for Constraining Anthropogenic CO2 Storage Rates and Acidification Processes in the Arctic Ocean	\$382,808	\$0	\$0
95	2025-02-01-95	University of Delaware	Understanding Non-Platinum Group Metal Oxide Catalysts Degradation After Long-Term Performance	\$0	\$0	\$453,673
96	2025-02-01-96	University of Delaware	Multiscale Investigation of HBV Capsid Modulation by Small Molecules: Mechanisms of Assembly, Disassembly, and Drug Discovery	\$0	\$0	\$833,330
97	2025-02-01-97	University of Delaware	University of Delaware Collaborative Care Model: Interdisciplinary Training (UD-COMMIT)	\$2,249,147	\$0	\$0
98	2025-02-01-98	University of Delaware	Collaborative Research: ASCENT: Heterogeneously Integrated Electronic Photonic AI Accelerators (HIEPAA)	\$356,969	\$0	\$0
99	2025-02-01-99	University of Delaware	Guiding Innate Signaling in Skin with Microneedle Arrays to Promote Durable Antigen-Specific Tolerance During Autoimmunity	\$0	\$0	\$300,000
100	2025-02-02-01	University of Delaware	NSF Engine: NeuroQuantum: Accelerating Quantum with Neuroscience Engine	\$0	\$0	\$216,563
101	2025-02-02-02	University of Delaware	Specifics of Collective Excitations and Their Contributions to Transport Properties in Quasi-Two-Dimensional Charge Density Wave Materials	\$0	\$0	\$164,169
102	2025-02-02-03	University of Delaware	Challenge of Manufactured Red Blood Cells (mRBCs) by Plasmodium Falciparum: Insight into mRBCs Form and Function on Parasite Replication and Resistance	\$0	\$0	\$49,525
103	2025-02-02-04	University of Delaware	Doctoral Dissertation Research: Redefining Displacement Dynamics: Climate Change and Vulnerability Among Forcibly Displaced Myanmar Nationals in Bangladesh	\$15,226	\$0	\$0
104	2025-02-02-05	University of Delaware	Structure-Mediated RNA Transport: Deciphering Structural Determinants of RNA Localization and Packaging	\$1,798,247	\$0	\$0
105	2025-02-02-06	University of Delaware	Collaborative Research: Research Infrastructure: FEC: AutoZoo - Building Autonomous Zooplankton Monitoring Using Uncrewed Systems for Researchers and Managers	\$1,009,917	\$0	\$0
106	2025-02-02-07	University of Delaware	Unveiling the Ecology and Biology of Mediterranean White Sharks	\$0	\$0	\$58,856
107	2025-02-02-08	University of Delaware	From One to Many: Paradigm Shift on the Construction of Partial Difference Sets and Bent Functions	\$0	\$0	\$35,000
108	2025-02-02-09	University of Delaware	Modules to Improve the Quality of the Mentor-Mentee Working Relationship	\$249,990	\$0	\$0
109	2025-02-02-10	University of Delaware	Multiscale Simulation of Hollow-Fiber Membrane Modules for Point-Source Carbon Capture	\$0	\$0	\$710,546

110	2025-02-02-11	University of Delaware	Decarbonizing Direct Reduction of Low-Grade Iron Ore	\$0	\$0	\$543,496
111	2025-02-02-12	University of Delaware	Growsmart: Pilot Trial of an AI-Based Obesity Prevention Tool in Pediatric Primary Care	\$0	\$0	\$201,454
112	2025-02-02-13	University of Delaware	Broiler Chicken Gene Editing to Enhance Resistance to Salmonella	\$20,000	\$0	\$0
113	2025-02-02-14	University of Delaware	Preparation, Perception, and Practices: How New Teachers are Processing the Student Absenteeism Crisis	\$0	\$0	\$43,478
114	2025-02-02-15	University of Delaware	Modeling of Bobcat Movement in New Jersey	\$0	\$0	\$119,999
115	2025-02-02-16	University of Delaware	Acquisition of Goods and Services	\$4,545	\$0	\$0
116	2025-02-02-17	University of Delaware	Invasive Plant Management Equipment, Education, and Outreach	\$0	\$0	\$1,400
117	2025-02-02-18	University of Delaware	Influence of Dietary Fiber Intake on the Gut-Grain Axis	\$0	\$0	\$150,000
118	2025-02-02-19	University of Delaware	Ion Channels and Driving Forces: Dependence on Kir2.1 to Fine Tune Cell Signaling	\$1,375,000	\$0	\$0
119	2025-02-02-20	University of Delaware	Planting Green Early: Can it Improve Stand Establishment While Improving Weed Control	\$0	\$0	\$9,862
120	2025-02-02-21	University of Delaware	Farm Family Finance Toolkit	\$0	\$0	\$9,000
121	2025-02-02-22	University of Delaware	Service Agreement with Ford Motor Company	\$0	\$0	\$123,415
122	2025-02-02-23	University of Delaware	Bridging Theory-Driven and Data-Driven Approaches to Examine How Influence Predicts Human AI Cooperation	\$62,471	\$0	\$0
123	2025-02-02-24	University of Delaware	FEC: Tri-State Collaborative for Defluorination of Per- and Polyfluoroalkyl Substances (PFAS)	\$2,416,894	\$0	\$0
124	2025-02-02-25	University of Delaware	Low-Cost and Replaceable Lenses for Laser Eye Protection	\$0	\$0	\$52,040
125	2025-02-02-26	University of Delaware	New Statistical Methods for Fairness-Assisted Decision Making with High-Dimensional Covariates	\$175,923	\$0	\$0
126	2025-02-02-27	University of Delaware	Delivering Soybean Insect Scouting Support Tools	\$0	\$0	\$3,758
127	2025-02-02-28	University of Delaware	EAGER: Exploring Automatic Optimization of Multi-Tiered HPC Storage Systems Via Practical Reinforcement Learning	\$85,903	\$0	\$0
128	2025-02-02-29	University of Delaware	Applying Thermally Adapted Symbionts for Enhancing Heat Tolerance in Endangered Reef Corals	\$0	\$0	\$192,257
129	2025-02-08-01	Delaware State University	2024 Black Farmers Conference	\$215,330	\$0	\$0
130	2025-02-08-02	Delaware State University	Advancing Photonics Technologies (APT)	\$200,751	\$0	\$0
131	2025-02-08-03	Delaware State University	PI-Based Iteration of Gamma Radiation Detector on VISION 60	\$212,591	\$0	\$0
132	2025-02-08-04	Delaware State University	Integrated Sapphire Photonics Platform for Emerging Application	\$199,998	\$0	\$0
133	2025-02-08-05	Delaware State University	Metal-Insulator Phase Transition in Two-Dimensional Quantum Materials and Their Heterostructure	\$3,000,000	\$0	\$0

134	2025-02-08-06	Delaware State University	Northeast Climate Adaptation Science Center (NE CASC)	\$467,205	\$0	\$0
135	2025-02-08-07	Delaware State University	Child and Family Workforce Development (CFWD) Project	\$2,399,998	\$0	\$0
136	2025-02-08-08	Delaware State University	Advanced 3D Nano Printing Facility for Electrochemical Catalyst Innovation	\$168,000	\$0	\$0
137	2025-02-08-09	Delaware State University	Biocarbons for Advanced Supercapacitors: Sustainable Synthesis	\$326,748	\$0	\$0
138	2025-02-08-10	Delaware State University	FY24 Agriculture Extension	\$1,510,158	\$1,510,158	\$0
139	2025-02-08-11	Delaware State University	A Study of PFAS Awareness and Health	304,429.00	\$0	\$0

Created 2/13/2025

# Delaware State Clearinghouse Committee

## March Agenda

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

March 18, 2025 @ 10:00am

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Federal	Positions State	Other
<b>New Business*</b>									
1	6656	Department of Health and Social Services, Social Services	Child Care Development Fund Discretionary, American Relief Act	\$696,335	\$0	\$0	0.00	0.00	0.00
2	6657	Department of Natural Resources and Environmental Control, Watershed Stewardship	Shellfish Training Conference, Administration of Food and Drink Officials	\$5,667	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	6626	Executive, Criminal Justice, Criminal Justice Council	Title II Formula Block Grant	\$480,656	\$48,066	\$0	0.44	0.37	0.00
2	6647	Executive, Criminal Justice, Criminal Justice Council	Byrne State Crisis Intervention Program	\$773,651	\$0	\$0	0.27	0.00	0.00
3	6652	Executive, Criminal Justice, Criminal Justice Council	Sexual Assault Services Program	\$783,733	\$0	\$0	0.19	0.00	0.00
4	6653	Executive, Criminal Justice, Criminal Justice Council	Services-Training-Officers-Prosecutors (STOP) Violence Against Women Act Formula Grant	\$1,012,816	\$155,964	\$55,108	2.04	0.69	0.00
5	6663	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program Commodity Credit Corporation	\$66,000	\$0	\$0	0.00	0.00	0.00
6	6661	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	State Health Insurance Assistance Program	\$1,435,165	\$0	\$0	3.10	0.00	0.00
7	6660	Legal, Department of Justice	Victims Compensation Formula Grant (VOCA)	\$834,000	\$0	\$0	0.00	0.00	0.00
8	6590	Department of Health and Social Services, Public Health, Community Health	Ryan White Care Act Title II	\$4,641,631	\$0	\$0	3.55	0.00	0.00
9	6633	Department of Health and Social Services, Public Health, Community Health	Integrated Adult Viral Hepatitis Surveillance/Prevention	\$307,003	\$0	\$0	1.50	0.00	0.00
10	6634	Department of Health and Social Services, Public Health, Community Health	Primary Care Services Resource Coordination and Development of Primary Care Offices	\$158,844	\$0	\$0	0.25	0.00	0.00
11	6635	Department of Health and Social Services, Public Health, Community Health	Title X Family Planning Services	\$1,595,073	\$1,325,362	\$0	3.00	0.00	0.00
12	6642	Department of Health and Social Services, Public Health, Community Health	Improving Sexually Transmitted Diseases through Prevention	\$404,357	\$0	\$0	3.40	0.00	0.00
13	6645	Department of Health and Social Services, Public Health, Community Health	Medical Monitoring Project	\$360,444	\$0	\$0	1.90	0.00	0.00
14	6646	Department of Health and Social Services, Public Health, Community Health	National and State Tobacco Control Program	\$991,511	\$0	\$0	5.00	0.00	0.00
15	6649	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program – Electronic Benefits Transfer State Exchange	\$10,000	\$0	\$0	0.00	0.00	0.00
16	6651	Department of Health and Social Services, Social Services	Delaware Senior Medicare Patrol Program Funds	\$291,703	\$0	\$0	0.00	0.00	0.00
17	6664	Department of Health and Social Services, Public Health, Community Health	Public Health Crisis Response	\$5,000,000	\$0	\$0	0.00	0.00	0.00
18	6650	Department of Natural Resources and Environmental Control, Watershed Stewardship	Shellfish Training, Administration of Food and Drug Officials	\$8,168	\$0	\$0	0.00	0.00	0.00
19	6648	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	\$1,888,062	\$99,372	\$0	7.30	0.30	0.00

20	6658	Department of Safety and Homeland Security, Office of the Secretary, Division of Forensic Science	DNA Capacity Enhancement and Backlog Reduction Program	\$600,000	\$0	\$0	0.00	0.00	0.00
21	6659	Department of Safety and Homeland Security, Division of Forensic Science	Byrne Discretionary Community Project Funding	\$950,000	\$0	\$0	0.00	0.00	0.00
<b>Higher Education</b>									
1	2025-03-01-01	University of Delaware	Ronald E. McNair Post-Baccalaureate Achievement	\$257,375	\$0	\$0			
2	2025-03-01-02	University of Delaware	Evaluating Force Deficits During Bimanual Coordination in Parkinson's Disease: Insights from Multimodal Imaging	\$100,000	\$0	\$0			
3	2025-03-01-03	University of Delaware	Blending Technology and Education to Build Community Capacity, Reducing Marine Debris	\$738,917	\$0	\$0			
4	2025-03-01-04	University of Delaware	BatSafeGPT: Physics-Informed Neural Network Models for Fast and Quantitative Battery Safety Analysis	\$2,394,225	\$0	\$0			
5	2025-03-01-05	University of Delaware	Application-Aware Co-Design of Quantum-Classical Algorithms for High-Performance and Quantum Computing Systems	\$1,617,202	\$0	\$0			
6	2025-03-01-06	University of Delaware	Next-Generation Inertial Sensors: Harnessing Time-Modulated Exceptional Points for Extreme Sensitivity	\$580,931	\$0	\$0			
7	2025-03-01-07	University of Delaware	Lightweight and High-Performance Topology-Optimized Architected Composite Drone Frames for Agile and Scalable Manufacturing	\$696,195	\$0	\$0			
8	2025-03-01-08	University of Delaware	Media Optimization to Enhance Allograft Viability	\$0	\$0	\$16,097			
9	2025-03-01-09	University of Delaware	CIFAR Co-Director Humans & the Microbiome Program 2024-2025	\$0	\$0	\$40,511			
10	2025-03-01-10	University of Delaware	HCC: Small: Self-Body Perceptions in Virtual Reality Among Racially and Ethnically Diverse Young Women	\$373,969	\$0	\$0			
11	2025-03-01-11	University of Delaware	Public Allies FY25/26 National Support	\$0	\$0	\$621,319			
12	2025-03-01-12	University of Delaware	Techmate, an Adaptive Learning Tool for Operational Awareness and Training	\$0	\$0	\$640,481			
13	2025-03-01-13	University of Delaware	Constraining Intra-Galactic Substructure with Ultrafaint Dwarfs and its Implications for Particle Dark Matter	\$0	\$0	\$105,860			
14	2025-03-01-14	University of Delaware	Bicycles as a Human-Technology Interface Reshaping Urban Mobility	\$200,278	\$0	\$0			
15	2025-03-01-15	University of Delaware	A Cross-Sector Collaborative to Improve Housing Resilience to Hurricanes	\$284,451	\$0	\$0			
16	2025-03-01-16	University of Delaware	A Closed-Loop Sustainable Strategy for Carbon Fiber Thermoset Prepreg Repair	\$1,021,970	\$0	\$0			
17	2025-03-01-17	University of Delaware	MFS-SPEED: Accelerating Material Design for Multifunctional Packaging with Generative AI	\$296,136	\$0	\$0			
18	2025-03-01-18	University of Delaware	Cognitive and Neural Representations of Visual Scenes	\$442,945	\$0	\$0			
19	2025-03-01-19	University of Delaware	Enhancing Gut Health Through Food Matrix Structuring: Transforming Waste Byproducts for Human Microbiome Benefits	\$1,375,000	\$0	\$0			
20	2025-03-01-20	University of Delaware	Collaborative Research: FEC: Integrated Sapphire Photonics Platform for Emerging Applications	\$1,227,263	\$0	\$0			

21	2025-03-01-21	University of Delaware	Collaborative Research: DMREF: Digital Research for Engineering Architected Materials (DREAM)	\$638,016	\$0	\$0
22	2025-03-01-22	University of Delaware	Collaborative Research: ASCENT: Reconfigurable Hyperdimensional Meshing with 3D Photonic Chip-on-Panel	\$369,596	\$0	\$0
23	2025-03-01-23	University of Delaware	Collaborative Research: DMREF: Designing Programmable Opto-Magnonic Materials	\$293,974	\$0	\$0
24	2025-03-01-24	University of Delaware	Diagnostic Services Per Task Orders Related to IDIQ NWRC	\$100,000	\$0	\$0
25	2025-03-01-25	University of Delaware	Construction of 3D Divergence-Free Finite Elements	\$0	\$0	\$35,000
26	2025-03-01-26	University of Delaware	Collaborative Research: DMREF: Closed-Loop Design and Synthesis of Upconversion Heterostructure Materials to Enable New Paradigms for Solar Harvesting	\$1,079,626	\$0	\$0
27	2025-03-01-27	University of Delaware	DMREF: NSF-DfG: Inverse Design of MAGNOnics for INnovative Engineering (IMAGINE) Via Closed Loop Computational Quantum Transport-Machine Learning-Nanofabrication	\$1,321,580	\$0	\$0
28	2025-03-01-28	University of Delaware	Integrating Multiscale Modeling and Deep Learning for Intelligent Antibody Design	\$1,375,000	\$0	\$0
29	2025-03-01-29	University of Delaware	Developmental Pathways to Self-Regulation: Examining the Influence of Early Stress and Caregiver Responsiveness	\$0	\$0	\$101,737
30	2025-03-01-30	University of Delaware	Collaborative Research: Influences of Upland Groundwater on Salt Marsh Hydrology and Resilience	\$225,815	\$0	\$0
31	2025-03-01-31	University of Delaware	Senators' Papers Preservation Partnership	\$1,051,895	\$0	\$0
32	2025-03-01-32	University of Delaware	Anthony J. Loudis Recital Hall Renovation	\$0	\$0	\$100,000
33	2025-03-01-33	University of Delaware	Lubricant Aided, Low-Energy Mechanical Pre-Processing for Improved Recycling of Consumer Textiles	\$0	\$0	\$86,114
34	2025-03-01-34	University of Delaware	CAS: Functionalization of Earth-Abundant, Molecular Group 4 Photosensitizers for Photochemical Applications	\$380,453	\$0	\$0
35	2025-03-01-35	University of Delaware	Renovation of an Existing Facility into Animal Housing and Support Spaces to Accommodate Increase Federally Funded Life-Science Research at the University of Delaware	\$7,998,530	\$0	\$0
36	2025-03-01-36	University of Delaware	Interstellar Mapping and Acceleration Probe (IMAP) Phase E	\$0	\$0	\$296,251
37	2025-03-01-37	University of Delaware	REU Supplement to NSF EEC-2100502: IUCRC Phase II+ University of Delaware Advanced Mammalian Biomanufacturing Innovation Center	\$20,000	\$0	\$0
38	2025-03-01-38	University of Delaware	Plastisphere-Soil Interactions Center	\$2,029,879	\$0	\$0
39	2025-03-01-39	University of Delaware	Breaking Barriers by Inviting Women and Minoritized Candidates to Apply; A Convergent Mixed Methods Approach to Systematically Diversifying Principalships	\$0	\$0	\$240,174
40	2025-03-01-40	University of Delaware	RII Track-2 FEC: Advancing Climate Neutrality in Farming Communities Through Upcycling Natural Fiber	\$0	\$0	\$281,250
41	2025-03-01-41	University of Delaware	Collaborative Research: Synthetic Acetyl-CoA-Responsive Metabolons for Enhanced Biosynthesis in Yeast	\$228,306	\$0	\$0
42	2025-03-01-42	University of Delaware	Umpolung Approaches to Bioactive Nitrogen-Containing Heterocycles	\$1,250,000	\$0	\$0
43	2025-03-01-43	University of Delaware	MTU/NSF Collaborative Research: Advancing Re-and Co-Use in Arctic Industrial Development (ARCAID) - NSF 23-572	\$0	\$0	\$328,406

44	2025-03-01-44	University of Delaware	Coalition for Translational Entrepreneurship InDE Fellowship Program	\$75,000	\$0	\$0
45	2025-03-01-45	University of Delaware	Advanced 3D Nano Printing Facility for Electrochemical Catalyst Innovation	\$2,085,681	\$0	\$0
46	2025-03-01-46	University of Delaware	IR 4 Northeast Region Minor Crop Pest Management Program	\$0	\$0	\$19,500
47	2025-03-01-47	University of Delaware	AAV Size Exclusion Analysis	\$0	\$0	\$4,688
48	2025-03-01-48	University of Delaware	GOALI: DMREF: Accelerated Materials Discovery to Facilitate High-Fidelity Nanopatterned Growth by Chemo-Selective Deposition	\$0	\$0	\$464,514
49	2025-03-01-49	University of Delaware	Collaborative Research: DMREF: Graph-Guided, Atom-Precise Heterostructures with Tunable Electronic Structure and Microenvironments for Photocatalytic CO2 Reduction	\$329,267	\$0	\$0
50	2025-03-01-50	University of Delaware	Minor Consent Laws and Adolescent Access to Mental Health and Substance Use Treatment	\$2,816,447	\$0	\$0
51	2025-03-01-51	University of Delaware	The Effects of Complex Thermal Gradients and Disturbance Interactions in Hypersonic Boundary Layers	\$920,787	\$0	\$0
52	2025-03-01-52	University of Delaware	Decision-Making as a Controllable Process in Neurotypical and Mild Cognitive Impairment	\$2,476,185	\$0	\$0
53	2025-03-01-53	University of Delaware	IR4 Northeast Region Minor Crop Pest Management Program FY25	\$0	\$0	\$29,000
54	2025-03-01-54	University of Delaware	Magnonic Straintronics: Strain Engineering of Magnonic Hybrid Systems	\$398,480	\$0	\$0
55	2025-03-01-55	University of Delaware	Timac Agro 2024 Corn Silage Study	\$0	\$0	\$15,016
56	2025-03-01-56	University of Delaware	Autonomous Physics-Informed AI Design of Polymer Binders: Pioneering Sustainable Battery Manufacturing	\$1,067,943	\$0	\$0
57	2025-03-01-57	University of Delaware	DARKWater (Data Accelerated Radiance and Kinetics for Water)	\$0	\$0	\$41,872
58	2025-03-01-58	University of Delaware	Leveraging Consolidation to Improve Response to Treatment in Children with Residual Speech Sound Disorders	\$2,333,631	\$0	\$0
59	2025-03-01-59	University of Delaware	New Statistical Methods for Inference, Representation Learning, and Deep Generative Modeling of Single-Cell Data	\$1,375,000	\$0	\$0
60	2025-03-01-60	University of Delaware	DMREF: Elucidating and Harnessing Excess Carrier Effects on Semiconductor Defects and Diffusion	\$0	\$0	\$377,557
61	2025-03-01-61	University of Delaware	DMREF: Machine Learning-Accelerated Film Synthesis Enabled by Electron Diffraction	\$1,349,556	\$0	\$0
62	2025-03-01-62	University of Delaware	Collecting 13C-DIC Data During ECOA 2026 to Constrain Anthropogenic CO2 Accumulation Rates and Their Impacts on Ocean Acidification	\$185,169	\$0	\$0
63	2025-03-01-63	University of Delaware	Examining the Role of Aerobic Exercise on Vocabulary Learning in Children with and Without Developmental Language Disorder	\$2,329,222	\$0	\$0
64	2025-03-01-64	University of Delaware	Tailored-Hybridized Aligned Discontinuous Fiber Tape for H2 Gas Storage	\$2,368,181	\$0	\$0
65	2025-03-01-65	University of Delaware	Verifying the PETSc Vector Module with CIVL	\$0	\$0	\$22,837
66	2025-03-01-66	University of Delaware	Development of Electrolyte Materials for Proton Conducting Solid Oxide Electrolysis Cells	\$0	\$0	\$47,416

67	2025-03-01-67	University of Delaware	Fast Dry-Processable Electrode Manufacturing for High-Power Thick Battery Electrodes	\$0	\$0	\$25,000
68	2025-03-01-68	University of Delaware	Change in Contraceptive Behavior and Associated Pregnancy Intentions About Births Following the Dobbs Decision	\$323,143	\$0	\$0
69	2025-03-01-69	University of Delaware	Collaborative Research: EXPAND: The Role of Spatial Organization on Plastic Degradation Rates in Plastic-Degrading Biofilms	\$881,154	\$0	\$0
70	2025-03-01-70	University of Delaware	Modeling of Electrochemical Cycling Behaviors of Defective Lithium Ion Batteries	\$0	\$0	\$25,000
71	2025-03-01-71	University of Delaware	High Temperature Removable Tooling	\$0	\$0	\$67,501
72	2025-03-01-72	University of Delaware	Collaborative Research: NiCE: Neurobiology of the Krill Visual System in a Changing Arctic	\$449,013	\$0	\$0
73	2025-03-01-73	University of Delaware	Identifying Predictive Processing Deficits in Children Who Stutter	\$375,000	\$0	\$0
74	2025-03-01-74	University of Delaware	NSF 25-507: Human-Environment and Geographical Sciences Program (HEGS). Analyzing the Relationships Between Food Production, Nutrition, Human Health Under the Impacts of Climate Change.	\$319,705	\$0	\$0
75	2025-03-01-75	University of Delaware	Advancing Oceanographic Retrievals and Interpretation for NASA Airborne LiDAR Systems	\$504,265	\$0	\$0
76	2025-03-01-76	University of Delaware	Global and Local Risks of Rising Water Scarcity to Food Production and Supply	\$0	\$0	\$4,952
77	2025-03-01-77	University of Delaware	Annie E. Casey Foundation Kids Count Delaware Project Support 2025	\$0	\$0	\$52,174
78	2025-03-01-78	University of Delaware	Collaborative Research: Elucidating and Manipulating Carbon Metabolic Niches in Soil Microbiomes Using Synthetic Communities for Sustainable Agriculture	\$365,950	\$0	\$0
79	2025-03-01-79	University of Delaware	Influence of Dietary Fiber Intake on the Gut-Brain Axis	\$661,597	\$0	\$0
80	2025-03-01-80	University of Delaware	Organic Functional Health Beverages: Their Curcuminoid Derivatives and Antioxidant Properties	\$0	\$0	\$90,909
81	2025-03-01-81	University of Delaware	GCR: Food Waste Valorization to Volatile Fatty Acids Using Systems Based Biological Transformations	\$2,435,305	\$0	\$0
82	2025-03-01-82	University of Delaware	Collaborative Research: EAGER: Targeted Proximity Labeling of Extracellular Vesicles with Fluorescence and Biotin to Characterize Their Release, Uptake, and Contents	\$103,685	\$0	\$0
83	2025-03-01-83	University of Delaware	Flyway Models and Metrics in the Assessment of OWF Impacts on Migratory Fishes	\$0	\$0	\$17,392
84	2025-03-01-84	University of Delaware	Probing the Morphology of Debris Disks with White Dwarf Pulsations	\$143,618	\$0	\$0
85	2025-03-01-85	University of Delaware	BPS RFA-021: Additive Manufacturing of Geopolymers for In-Situ Resource Utilization in Support of Human Space Exploration	\$78,125	\$0	\$0
86	2025-03-01-86	University of Delaware	The Effects of Repetitive Head Impacts on Postural Control in Mature Adults	\$0	\$0	\$2,000
87	2025-03-01-87	University of Delaware	Causality of Motor Function in the Reticulospinal Tract in Healthy and Post-Stroke Individuals	\$0	\$0	\$273,394
88	2025-03-01-88	University of Delaware	Enabling Serendipitous Discovery with Machine Learning for Large Sky Surveys: Synergizing TESS, Roman, and Rubin	\$91,424	\$0	\$0
89	2025-03-01-89	University of Delaware	Collaborative Research: Understanding the Role of Turbulence and Diffusion in the Acceleration and Transport of Solar Energetic Particles	\$201,019	\$0	\$0



90	2025-03-01-90	University of Delaware	Determining How ECM Stiffness Directs Epithelial Patterning Using the Mouse Embryonic Kidneys as a Model System	\$0	\$0	\$830,000
91	2025-03-01-91	University of Delaware	Collaborative Research: Flocculation Dynamics in Estuarine Boundary Layers - Advancing New Understanding Through an Integrated Field, Laboratory, and Computational Study	\$329,495	\$0	\$0
92	2025-03-01-92	University of Delaware	Expanding the National Water Model to Predict Field-Scale Daily Runoff Risk	\$0	\$0	\$136,543
93	2025-03-01-93	University of Delaware	Conference: Supplementary Funds for "NEAM 2025 - The Northeastern Analysis Meeting	\$30,184	\$0	\$0
94	2025-03-01-94	University of Delaware	Breaking Down Atmospheric Deposition of Iron to the North Atlantic: Soluble, Colloidal and Labile Particulate Contributions	\$249,437	\$0	\$0
95	2025-03-01-95	University of Delaware	Doctoral Dissertation Research: Sustainable Lithium Mining in Namibia: Characterizing Complexities of Resource Discovery, Environmental and Social Challenges Amid Global Energy Transition	\$19,025	\$0	\$0
96	2025-03-01-96	University of Delaware	Regulation of HPV Infection by the Mechanical Microenvironment of the Cervix	\$316,558	\$0	\$0
97	2025-03-01-97	University of Delaware	Glial and Neuronal Structure and Function in Developmental Stuttering-Related Gnptab Mouse Model	\$275,000	\$0	\$0
98	2025-03-01-98	University of Delaware	Tackling Convection: The Helium Atmosphere White Dwarf Instability Strip as a Tool to Improve Mixing Length Theory and Convective Modeling	\$143,618	\$0	\$0
99	2025-03-01-99	University of Delaware	Epigenetic Biomarkers for Spastic Cerebral Palsy	\$0	\$0	\$431,809
100	2025-03-02-01	University of Delaware	Accelerating AF Repair with a Multi-Factor Mechanoactive Patch	\$0	\$0	\$216,279
101	2025-03-02-02	University of Delaware	RFA-019: Leveraging Virtual Reality Technology for Analyzing 3D Astrophysical Simulations	\$78,125	\$0	\$0
102	2025-03-02-03	University of Delaware	EDGE CMT: Combinatorial Control of Erythroid Differentiation Via Proteostasis and Mechanosensation Machineries and Implications for Blood Disorders	\$678,739	\$0	\$0
103	2025-03-02-04	University of Delaware	Digital Twin to Unlock High Volume Composite Molding: Enabling Scalable Production of Composite Battery Housings for Ultra-Light and Efficient Electric Vehicles	\$0	\$0	\$81,250
104	2025-03-02-05	University of Delaware	An Operational BioTrack: Monitoring At-Risk Marine Species Biodiversity Hotspot Interactions with Management and Resource Use Areas to Support Stakeholder Needs in the Face of Global Change	\$0	\$0	\$61,767
105	2025-03-02-06	University of Delaware	MCA: Advancing Digital Rock Physics with AI-Driven Image Translation Techniques	\$0	\$0	\$25,014
106	2025-03-02-07	University of Delaware	Novel Membranes to Remove Carbon Monoxide from Hydrogen	\$0	\$0	\$29,255
107	2025-03-02-08	University of Delaware	Improved Regional Monitoring of Insect Crop Pests and Vectors of Plant Diseases in the US Midwest	\$0	\$0	\$36,623
108	2025-03-02-09	University of Delaware	Characterization of Anomalously High Phytoplankton Patches (AHPPs) Through Remote Sensing and Biophysical Modeling	\$146,825	\$0	\$0
109	2025-03-02-10	University of Delaware	Integrating Optical and Acoustic Scattering Signals to Advance Remote Sensing	\$146,825	\$0	\$0
110	2025-03-02-11	University of Delaware	Simulating Solar Neighborhood Brown Dwarfs: Towards the Fifty Parsec Sample	\$137,196	\$0	\$0
111	2025-03-02-12	University of Delaware	BCSER: Investigating Relations Among Elementary Teachers' Mathematics Emotions, Their Instructional Practices, and Their Students' Mathematics Engagement	\$218,751	\$0	\$0
112	2025-03-02-13	University of Delaware	QLCI: Quantum SENSors for Exploring the Dark Sector (Q-SEEDS)	\$0	\$0	\$806,393

113	2025-03-02-14	University of Delaware	What Lies Beneath: Classifying Benthic Habitats in Nearshore Marine Ecosystem Using Remote Sensing and Deep Learning	\$100,052	\$0	\$0
114	2025-03-02-15	University of Delaware	Supporting Literacy Outcomes for English Learners Through Text-Based Discussion	\$0	\$0	\$53,343
115	2025-03-02-16	University of Delaware	Impact-Resistant Composite Structures for Spacesuits	\$0	\$0	\$23,561
116	2025-03-08-01	Delaware State University	Polyvirus Nib Protein Dual Function of Synthesizing Viral RNA and Protecting it from Degradation	\$1,121,497	\$0	\$0
117	2025-03-08-02	Delaware State University	Innovative Language Bambara - Less Commonly Taught Language: A Case Study-Using Virtual Reality (VR) as Methods of Instruction	\$304,834	\$0	\$0
118	2025-03-08-03	Delaware State University	Circuits and Mechanisms Through Which Basal Forbrain Cholinergic Neurons Facilitates Fear Extinction	\$58,514	\$0	\$0
119	2025-03-08-04	Delaware State University	MSW Scholarships for Disadvantaged Students Committed to Practice in Rural or Medically Underserved Areas	\$3,227,565	\$0	\$0
120	2025-03-08-05	Delaware State University	Exploring the Needs of Parents of Transitional Aged Youth with Autism Spectrum Disorder	\$120,000	\$0	\$0
121	2025-03-08-06	Delaware State University	GCR: Food Waste Valorization to Volatile Fatty Acids Using Systems Based Biological Transformations	\$431,315	\$0	\$0
122	2025-03-08-07	Delaware State University	Delaware State University (Merit-Based Graduated Investment) Initiative	\$1,000,000	\$0	\$0

Created 3/4/2025

# 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 15, 2025 @ 10:00am

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Federal	Positions State	Other
<b>New Business*</b>									
1	2024-12-02-01	Department of State, Division of Libraries	Digital Literacy Workshop Incentive	\$0	\$0	\$10,000	0.00	0.00	0.00
2	2025-01-02-01	Department of State, Division of Libraries	Digital Navigator Workshop Incentive	\$0	\$0	\$4,000	0.00	0.00	0.00
3	2025-01-30-01	Department of State, Division of Libraries	Storytelling for Literacy and Community Healing	\$0	\$0	\$81,000	0.00	0.00	0.00
4	6668	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Saltmarsh Habitat	\$137,250	\$45,750	\$0	0.15	0.15	0.00
5	6674	Delaware National Guard	Cheswold National Guard Readiness Center (MILCON)	\$21,000,000	\$7,000,000	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	6671	Executive, Criminal Justice, Criminal Justice Council	John R. Justice Grant	\$61,710	\$0	\$0	0.00	0.00	0.00
2	6636	Department of Health and Social Services, Public Health, Community Health	Advancing Health Equity - Diabetes	\$850,000	\$0	\$0	2.52	0.00	0.00
3	6638	Department of Health and Social Services, Public Health, Community Health	Pregnancy Risk Assessment Monitoring System	\$152,725	\$0	\$0	1.00	0.00	0.00
4	6655	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Certified Community Behavior Health Clinic (CCBHC)	\$1,000,000	\$0	\$0	0.00	0.00	0.00
5	6662	Department of Health and Social Services, Public Health, Community Health	Small, Underserved and Disadvantaged Communities - Emerging Contaminants (IJA)	\$9,892,000	\$0	\$0	0.00	0.00	0.00
6	6666	Department of Health and Social Services, Public Health, Community Health	Diabetes Self Management Education and Support	\$100,000	\$0	\$0	0.00	0.00	0.00
7	6667	Department of Health and Social Services, Public Health, Community Health	State Office of Rural Health	\$223,410	\$670,230	\$0	0.50	0.00	0.00
8	3310 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Local Cooperation Agreement-Delaware Coast Protection Project	\$1,306,772	\$1,901,612	\$0	0.00	0.25	0.00
9	6665	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal, and Energy	Weatherization Assistance Program	\$902,980	\$0	\$0	0.00	0.00	0.00
10	6675	Department of Agriculture, Animal Health	Swine Health Improvement Plan	\$3,500	\$0	\$0	0.00	0.00	0.00
11	6678	Department of Agriculture, Animal and Plant Health Inspection	Annual Box Tree Moth	\$24,041	\$0	\$0	0.00	0.00	0.00
<b>Higher Education</b>									
1	6300 Amendment	Delaware Technical Community College	Federal Pell Grant	\$11,261,863	\$0	\$0			
2	2025-04-05-01	University of Delaware	University of Delaware Leadership in Civic Engagement	\$0	\$0	\$208,141			
3	2025-04-05-02	University of Delaware	Cooperative Program Between City of Wilmington Delaware and the University of Delaware Water Resources Agency: Water Resource Protection Area Program (WRPA)	\$0	\$0	\$67,796			
4	2025-04-05-03	University of Delaware	Long-Lasting Lithium Delivery with LINHA Gel for Continuous Joint Protection and Disease Control	\$0	\$0	\$349,999			

5	2025-04-05-04	University of Delaware	Energetic Materials Basic Research: Thrust 4. Structural Energetics	\$0	\$0	\$283,599
6	2025-04-05-05	University of Delaware	Understanding Fabric Sourcing and Promoting Cotton as the Preferred Sustainable Fiber	\$0	\$0	\$26,554
7	2025-04-05-06	University of Delaware	Nemours Khalife YR4	\$0	\$0	\$37,645
8	2025-04-05-07	University of Delaware	Collaborative Research: MFS-SPEED: AI-Driven Development of Sustainable Omniphobic Polymer Coatings for Functional Surfaces	\$639,325	\$0	\$0
9	2025-04-05-08	University of Delaware	The Influence of Phone-Free School Policies on Children's Mental Health	\$0	\$0	\$98,400
10	2025-04-05-09	University of Delaware	Influence of Universal Pre-Kindergarten on Students' Health and Education	\$0	\$0	\$98,400
11	2025-04-05-10	University of Delaware	Expanding our Partnership: Steps Towards a Cure	\$0	\$0	\$11,859,611
12	2025-04-05-11	University of Delaware	Study of the U.S. Institutes Madeline K. Albright Young Women Leaders Program	\$0	\$0	\$204,850
13	2025-04-05-12	University of Delaware	Doctoral Dissertation Research: Sustainable Lithium Mining in Namibia: Characterizing Complexities of Resource Discovery, Environmental and Social Challenges Amid Global Energy Transition	\$19,025	\$0	\$0
14	2025-04-05-13	University of Delaware	Sustainable Mobility & Accessibility Regional Transportation Economic Research (SMARTER) Center	\$0	\$126,204	\$125,988
15	2025-04-05-14	University of Delaware	Investigating the X-Ray and Tev Correlation of Ver J0521+211 with Swift-Xrt and Veritas	\$24,996	\$0	\$0
16	2025-04-05-15	University of Delaware	T7.04-1002 Lunar Habitat Protection and Infrastructure Development Using 3D Filament Tethering (3DFIT), A Scalable, Fiber-Reinforced Regolith Shielding System	\$0	\$0	\$30,000
17	2025-04-05-16	University of Delaware	Engaging Loved Ones to Improve Recovery Capital and Treatment-Related Outcomes Among People in Treatment for Opioid Use Disorder	\$2,238,033	\$0	\$0
18	2025-04-05-17	University of Delaware	Vascular Effects of Dietary Potassium and Sodium on Pulsatile Load	\$2,395,119	\$0	\$0
19	2025-04-05-18	University of Delaware	Circuits and Mechanisms Through Which Basal Forebrain Cholinergic Neurons Facilitate Fear Extinction	\$2,171,281	\$0	\$0
20	2025-04-05-19	University of Delaware	A Sustainable Approach to Promoting Physical Activity in Low-Income Youth	\$2,493,165	\$0	\$0
21	2025-04-05-20	University of Delaware	Biomolecular Interaction Technologies Fiscal Year 2025	\$0	\$0	\$90,000
22	2025-04-05-21	University of Delaware	Molecular Engineering of Boron-Rich Clusters to Rapidly Access 3-Dimensional Star Polymer Materials	\$0	\$0	\$110,000
23	2025-04-05-22	University of Delaware	Healthy Hearts for All: A Disability-Inclusive Approach to CVD Prevention in Low-Income Communities of Delaware	\$0	\$0	\$260,383
24	2025-04-05-23	University of Delaware	Public Allies Inc PADE 24/25 Partner Organization	\$0	\$0	\$9,614
25	2025-04-05-24	University of Delaware	Fabrication and Characterization of Conformal Frequency Selective Surfaces	\$0	\$0	\$443,773
26	2025-04-05-25	University of Delaware	Producing Effective Regulatory T-Cell Therapies with a Scalable Bio-Inspired Hydrogel Platform	\$273,656	\$0	\$0
27	2025-04-05-26	University of Delaware	Leveraging the NERRS System-Wide Monitoring Program to Back-Cast and Fore-Cast Biogeochemical Processes in Delmarva Coastal Wetlands	\$0	\$0	\$106,531
28	2025-04-05-27	University of Delaware	The Redox-Immunological Axis as a Mechanism of Vascular Dysfunction in Depression	\$2,958,975	\$0	\$0

29	2025-04-05-28	University of Delaware	A Portable, Safe, Smart Digital Resistance Training System Providing Remote Monitoring, Form Feedback, and Data Tracking to Slow the Onset of Sarcopenia and Functional Decline	\$0	\$0	\$89,089
30	2025-04-05-29	University of Delaware	Development of Data Products for mCDR and Ocean and Coastal Acidification Applications	\$0	\$0	\$218,501
31	2025-04-05-30	University of Delaware	Embedding Community Conservators in Public Libraries Conservation as a Public Service	\$225,526	\$0	\$0
32	2025-04-05-31	University of Delaware	CAREER: Topological Phenomena in 4d and 5d Complex Oxide Interfaces and Superlattices Grown by Hybrid Molecular Beam Epitaxy	\$154,095	\$0	\$0
33	2025-04-05-32	University of Delaware	Raman Microscopy for Spatial Temperature Measurements in Asphaltene Mixtures	\$0	\$0	\$110,000
34	2025-04-05-33	University of Delaware	Bottom-Up Assembly of Functional Salivary Gland Tissues	\$2,749,635	\$0	\$0
35	2025-04-05-34	University of Delaware	Policy-Engaged Education Research Scholars (PEERS) Predoctoral Training Program	\$4,899,111	\$0	\$0
36	2025-04-05-35	University of Delaware	Importance of Muscle-Subtendon Units in Achilles Tendinopathy	\$2,845,526	\$0	\$0
37	2025-04-05-36	University of Delaware	Characterization of Novel Intermediate Modulus Carbon Fibers	\$0	\$0	\$21,315
38	2025-04-05-37	University of Delaware	Impact of Mild Cognitive Impairment on the Interplay and Neural Structures of Decision and Motor Processes	\$2,476,185	\$0	\$0
39	2025-04-05-38	University of Delaware	Beam-Shaped on-Chip Optical Coherence Tomography for Non-Invasive Point-of-Care Deep Tissue Imaging	\$1,262,093	\$0	\$0
40	2025-04-05-39	University of Delaware	Developing a Generalized Framework for Hyporheic Flux Through Migrating Ripples from Streams to Coasts	\$441,615	\$0	\$0
41	2025-04-05-40	University of Delaware	Autonomous Coastal Monitor Ghost Pot Solution	\$0	\$0	\$162,528
42	2025-04-05-41	University of Delaware	Brain Wellness Information, Support, and Empowerment (Brain-WISE): Efficacy of a Group-Based Dementia Risk Reduction Program	\$2,442,420	\$0	\$0
43	2025-04-05-42	University of Delaware	Real-World Assessment of Post-Stroke Upper Limb Performance	\$275,000	\$0	\$0
44	2025-04-05-43	University of Delaware	Evaluating the Feasibility of Using Dynamic AFOs to Modulate Achilles Tendon Load and Pain for Individuals with Achilles Tendinopathy	\$275,000	\$0	\$0
45	2025-04-05-44	University of Delaware	Food Safety Studies Related to HPAI Virus in Food Products	\$91,000	\$0	\$0
46	2025-04-05-45	University of Delaware	Developing an Early-Warning System (EWS) for Coastal Flooding at Roi-Namur Island, U.S.A.K.A, Kwajalein Atoll, R.M.I.	\$111,706	\$0	\$0
47	2025-04-05-46	University of Delaware	Investigating the Role of ̢B2-Crystallin in Autophagy	\$0	\$0	\$2,479
48	2025-04-05-47	University of Delaware	Functional Characterization of the Cataract-Linked RNA-Binding Proteins Celf1 and Elavl1 in Lens Development and Cataract	\$0	\$0	\$2,345
49	2025-04-05-48	University of Delaware	Engaging Community Based Participatory Action Research to Advance Tenant Literacy and Foster Community-University Partnerships	\$0	\$0	\$75,000
50	2025-04-05-49	University of Delaware	Reconfigurable Screen Printed Metasurfaces	\$0	\$0	\$27,666
51	2025-04-05-50	University of Delaware	Cavernicolide: A Novel Marine Macrolide Non-Small Cell Lung Cancer Cell Growth Inhibitor	\$275,000	\$0	\$0
52	2025-04-05-51	University of Delaware	Reciprocal Influences of Discrimination and Loneliness on Cognitive Trajectories in Black Older Americans	\$0	\$0	\$9,989

53	2025-04-05-52	University of Delaware	Role of Six1 in Inner Ear Development	\$0	\$0	\$2,620
54	2025-04-05-53	University of Delaware	The Ocular Lens Capsule Regulates Tissue Biomechanical Properties	\$0	\$0	\$2,500
55	2025-04-05-54	University of Delaware	Recruitment Hubs - VentureWell Ocean Enterprise Accelerator	\$0	\$0	\$5,000
56	2025-04-05-55	University of Delaware	Delaware Food Farmacy: Scaling CHW-Supported Food is Medicine for Maternal Health	\$0	\$0	\$93,879
57	2025-04-05-56	University of Delaware	HEALTH for All: Engaging Latino Families in Kent and Sussex Counties, Delaware	\$0	\$0	\$40,000
58	2025-04-05-57	University of Delaware	Detailed Cell Mechanical Analysis - Temperature Effect	\$0	\$0	\$32,694
59	2025-04-05-58	University of Delaware	Advancing Establishment of an Introduced Parasitoid for Biocontrol of Drosophila Suzukii in Mid-Atlantic States 6.0014.01	\$23,882	\$0	\$0
60	2025-04-05-59	University of Delaware	CAREER: Photocatalytic Optical Fibers	\$246,424	\$0	\$0
61	2025-04-05-60	University of Delaware	Acquisition of Goods and Services	\$8,182	\$0	\$0
62	2025-04-05-61	University of Delaware	Investigating the Emerging Roles of Electronegative Clusters (ENC) as Molecular Chaperones, Phase Separation Regulators, and Protein Stabilizers	\$0	\$0	\$37,108
63	2025-04-05-62	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	\$133,400	\$0	\$0
64	2025-04-05-63	University of Delaware	Girard College Alumni Association PADE 24/25 Partner Organization	\$0	\$0	\$12,400
65	2025-04-05-64	University of Delaware	West End Neighborhood House PADE 24/25 Partner Organization	\$0	\$0	\$18,962
66	2025-04-05-65	University of Delaware	West End Neighborhood House PADE 24/25 Partner Organization	\$0	\$0	\$20,500
67	2025-04-05-66	University of Delaware	Characterization of Differentiating Human Salivary Gland Stem/Progenitor Cells in Microgel Cell Culture	\$0	\$0	\$974
68	2025-04-05-67	University of Delaware	Photoautotrophic Bacteria as Sustainable Sources of Commodities	\$0	\$0	\$994
69	2025-04-05-68	University of Delaware	Towards Understanding Action-Detected Two-Dimensional Spectroscopy of Molecular Aggregates	\$0	\$0	\$125,000
70	2025-04-05-69	University of Delaware	Spatiotemporal Dynamic Materials to Assess Point-of-Origin Mechanobiology	\$2,248,755	\$0	\$0
71	2025-04-05-70	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$202,885	\$0	\$0
72	2025-04-05-71	University of Delaware	NE EFNEP Excite Education	\$0	\$0	\$85,355
73	2025-04-05-72	University of Delaware	Raising Community Awareness of Diabetes Prevention in Delaware: Community Health Worker Upskilling	\$0	\$0	\$45,234
74	2025-04-05-73	University of Delaware	Machine Learning Models for Sea Ice Tracking, Characterization and Ice Charts	\$266,705	\$0	\$0
75	2025-04-05-74	University of Delaware	3D Printed Magnetic Nanocomposites	\$0	\$0	\$0
76	2025-04-05-75	University of Delaware	EXCITE: Northeast Regional Immunization Education Staffing Position in Delaware	\$0	\$0	\$250,789

77	2025-04-05-76	University of Delaware	Acoustic Energy Harvesting for Future Smart Homes	\$0	\$0	\$97,816
78	2025-04-05-77	University of Delaware	Polar Ocean Mixing by Internal Tsunamis	\$0	\$0	\$0
79	2025-04-05-78	University of Delaware	Creating a Pathway for Technology Based Entrepreneurship for Adults with Autism	\$0	\$0	\$3,122
80	2025-04-05-79	University of Delaware	Design and Fabrication of Metalens for Triband Radome Treatment	\$0	\$0	\$116,091
81	2025-04-05-80	University of Delaware	Center for Leadership in Environmental Awareness and Research: Integrated IoT Sensing and Edge Computing Coupled with a Bayesian Network Model for Exposure Assessment and Targeted Remediation of Vapor Intrusion	\$0	\$0	\$4,537
82	2025-04-05-81	University of Delaware	Analyzing 20 Years of Landbird Data for the Northern Colorado Plateau I&M Network of the National Park Service	\$44,335	\$0	\$0
83	2025-04-05-82	University of Delaware	Individually Customized Dyslexia Screenings by an AI System for Greater Sensitivity and Scalability	\$0	\$0	\$62,548
84	2025-04-05-83	University of Delaware	Novel Singlet Oxygen Generating System for Making Potable Water	\$0	\$0	\$18,750
85	2025-04-05-84	University of Delaware	Mechano-Responsive Delivery of a Non-Opioid Combination Therapy for Control of Acute Postoperative Joint Pain	\$0	\$0	\$57,141
86	2025-04-05-85	University of Delaware	IGE: Track 1: A New Learning-from-Faults Education Strategy to Mitigate Transition Shock of Computer Engineering Graduates	\$322,046	\$0	\$0
87	2025-04-05-86	University of Delaware	Predictive Ultrafast Low-Rank Simulations Via Embedded Tensor Networks	\$0	\$0	\$28,709
88	2025-04-05-87	University of Delaware	Mesoscale Eddies as a Freshwater Export Mechanism Along the Antarctic Peninsula	\$0	\$0	\$7,440
89	2025-04-05-88	University of Delaware	Aleutian Island Long-Line	\$108,311	\$0	\$0
90	2025-04-05-89	University of Delaware	IGE: Track 1: DecisionPoint: Building Career Skills for Coastal Resilience Through Branching Narratives	\$342,687	\$0	\$0
91	2025-04-05-90	University of Delaware	Towards Resilient AI Data Center Infrastructure with Power and Thermal Safety	\$0	\$0	\$222,054
92	2025-04-05-91	University of Delaware	Biomaterials and Bioengineering Faculty Fellowship	\$46,875	\$0	\$0
93	2025-04-05-92	University of Delaware	BRIDGE and EFNEP Curriculum Specialist	\$0	\$0	\$4,511
94	2025-04-05-93	University of Delaware	The RAPIDS Institute for Energy-Aware Artificial Intelligence, Computer Science, and Data (RAPIDS3)	\$0	\$0	\$243,128
95	2025-04-05-94	University of Delaware	Effectiveness in Management of Fusarium Wilt Related to Watermelon Health with the Application of Squid Hydrolysate	\$0	\$0	\$9,038
96	2025-04-12-01	Delaware State University	Investigating the Regulatory Role of TDP43 on Neuroinflammation in the Development of Dementia	\$1,274,740	\$0	\$0
97	2025-04-12-02	Delaware State University	Future Act	\$928,919	\$0	\$0

Created 4/7/2025

**Delaware State Clearinghouse Committee**  
**REVISED May Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
May 20, 2025 @ 10:00am

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Federal	Positions State	Other
<b>New Business*</b>									
1	5621 Amendment	Department of Technology and Information, Administration	Broadband Equity Access and Deployment (BEAD) Planning Fund - IIJA	\$102,753,272	\$0	\$0	4.00	0.00	0.00
2	6717	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Aquatic Resources Education Center Boardwalk and Trail Rehabilitation	\$577,449	\$192,483	\$0	0.00	0.00	0.00
3	6706	State Fire Prevention, Fire School	Structure Fire Prop Replacement	\$1,800,000	\$5,400	\$0	0.00	0.00	0.00
<b>Continued</b>									
4	6715	<del>Department of State, Libraries</del>	<del>Volunteers In Service to America AmeriCorps</del>	<del>\$16,000</del>	<del>\$0</del>	<del>\$0</del>	<del>0.00</del>	<del>0.00</del>	<del>0.00</del>
2	6637	Department of Health and Social Services, Public Health, Community Health	Improving the Health of Americans Through Prevention and Management of Diabetes and Heart Disease and Strike	\$949,314	\$0	\$0	2.63	0.00	0.00
3	6643	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS - Prevention	\$1,088,850	\$0	\$0	4.00	0.00	0.00
4	6644	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS Core Surveillance	\$349,195	\$0	\$0	3.15	0.00	0.00
5	6669	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children	\$2,342,493	\$0	\$0	13.00	0.00	0.00
6	6670	Department of Health and Social Services, Public Health, Community Health	Integrating Colorectal Cancer Screening	\$605,451	\$0	\$0	0.55	0.00	0.00
7	6679	Department of Health and Social Services, Public Health, Community Health	Ryan White Care Act Title II Supplement	\$4,000,000	\$0	\$0	0.00	0.00	0.00
8	6703	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Coastal Fisheries Management Assistance 2025-2029	\$1,229,816	\$0	\$0	1.52	0.00	0.00
9	6704	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Investigations-White-Tailed Deer	\$1,245,549	\$415,183	\$0	0.43	0.87	0.00
10	6685	Department of Safety and Homeland Security, State Police, Executive	USAG Asset Forfeiture- Justice	\$1,750,000	\$0	\$0	0.00	0.00	0.00
11	6686	Department of Safety and Homeland Security, State Police, Executive	USAG Asset Forfeiture - Treasury	\$1,000,000	\$0	\$0	0.00	0.00	0.00
12	6680	Department of Agriculture, Agricultural Marketing Service	Senior Farmer's Market Nutrition Program	\$60,000	\$0	\$0	0.00	0.00	0.00
13	6701	Department of Agriculture, Animal Health	Umbrella National Surveillance	\$225,209	\$0	\$0	0.00	0.00	0.00
14	6719	Department of Agriculture, Animal Health	Animal Disease Traceability	\$4,000	\$0	\$0	0.00	0.00	0.00
15	6684	Department of Education, Student Support	Title I, Part A - Improving the Academic Achievement	\$58,827,119	\$0	\$0	2.25	0.00	0.00
16	6687	Department of Education, Student Support	Title II, Part A Improving Teacher Quality	\$10,835,611	\$0	\$0	2.05	0.00	0.00
17	6688	Department of Education, Academic Support	Title III, English Acquisition	\$2,028,751	\$0	\$0	0.80	0.00	0.00
18	6691	Department of Education, Student Support	Title IV, Part A Student Support and Enrichment	\$6,659,535	\$0	\$0	0.30	0.00	0.00



19	6692	Department of Education, Student Support	Adult Education and Family Literacy Act State Grant	\$1,950,301	\$1,584,738	\$0	0.10	0.00	0.00
20	6694	Department of Education, Academic Support	Individuals with Disabilities Education Act, Part B	\$44,304,842	\$0	\$0	10.75	0.00	0.00
21	6698	Department of Education, Academic Support	Individuals with Disabilities Education 619, Part B	\$1,387,906	\$0	\$0	0.40	0.00	0.00
22	6700	Department of Education, Workforce Support	Carl D. Perkins Career and Technical Education	\$6,330,763	\$0	\$0	3.00	0.00	0.00
23	6707	Department of Education, Student Support	Education for Homeless Children and Youth	\$408,517	\$0	\$0	0.15	0.00	0.00
24	6708	Department of Education, Student Support	Migrant Education Program Consortium Incentive	\$122,251	\$0	\$0	0.00	0.00	0.00
25	6709	Department of Education, Student Support	Rural and Low Income Schools	\$185,479	\$0	\$0	0.00	0.00	0.00
26	6710	Department of Education, Academic Support	State Assessment and Related Activities	\$3,602,587	\$0	\$0	2.10	0.00	0.00
27	6711	Department of Education, Student Support	Title I, Part C Migrant Education	\$595,508	\$0	\$0	1.30	0.00	0.00
28	6712	Department of Education, Student Support	Prevention and Intervention Programs for Children	\$372,020	\$0	\$0	0.00	0.00	0.00
29	6713	Department of Education, Student Support	Title IV, Part B - 21st Century Community Learning	\$6,515,398	\$0	\$0	0.80	0.00	0.00

#### Higher Education

1	2025-05-01-01	University of Delaware	Evaluation of FHB Management Strategies in DE Following the MGMT Protocol	\$66,093	\$0	\$0			
2	2025-05-01-02	University of Delaware	Understanding the Pathogenesis of TSC-Associate Epilepsy and TANDs.	\$0	\$0	\$36,576			
3	2025-05-01-03	University of Delaware	Decoupled Energy Cascades of MHD and Kinetic Scale Turbulence	\$422,107	\$0	\$0			
4	2025-05-01-04	University of Delaware	Latinx and Hispanic Historic Resources, City of Wilmington	\$0	\$0	\$5,519			
5	2025-05-01-05	University of Delaware	RFA-019: Archaeology of Alien Worlds: Probing Exoplanet Formation with the James Webb Space Telescope	\$78,078	\$0	\$0			
6	2025-05-01-06	University of Delaware	Cellular Heterogeneity and Niche Regulation in TMJ	\$1,665,589	\$0	\$0			
7	2025-05-01-07	University of Delaware	Scalable Bio-Inspired Hydrogel Platform for Producing Effective Regulatory T-Cell Therapies	\$273,656	\$0	\$0			
8	2025-05-01-08	University of Delaware	Policy-Engaged Education Research Scholars (PEERS) Predoctoral Training Program	\$4,899,111	\$0	\$0			
9	2025-05-01-09	University of Delaware	Its Electric Urban Resilience With Curbside Bi-Directional EV Charging	\$0	\$0	\$299,953			
10	2025-05-01-10	University of Delaware	ELA Professional Learning and Coaching	\$0	\$0	\$88,430			
11	2025-05-01-11	University of Delaware	EPSCoR Research Fellows NSF: Experimental Characterization and Theoretical Modeling of Vibrational Hybrid Light-Matter States with Symmetry Breaking	\$233,938	\$0	\$0			
12	2025-05-01-12	University of Delaware	On-Site Field Testing and Validation of HydrokinetX Ocean Observation Platform Using PKelp as a Power Source.	\$0	\$0	\$27,995			

13	2025-05-01-13	University of Delaware	Developing and Applying New Lipidomic Approaches	\$0	\$0	\$218,999
14	2025-05-01-14	University of Delaware	Regulatory Networks in Lens Development	\$1,250,000	\$0	\$0
15	2025-05-01-15	University of Delaware	EPSCoR Research Fellows: NSF: Understanding the Interfacial Separation and Adhesion in Roll-To-Roll Manufacturing for Solid State Batteries	\$238,804	\$0	\$0
16	2025-05-01-16	University of Delaware	Doctoral Dissertation Research: The Political Ecology of Artisanal and Small-Scale Mining in Eastern Democratic Republic of the Congo: Roads, Flesh and Minerals	\$20,000	\$0	\$0
17	2025-05-01-17	University of Delaware	MEPI-Student Leaders Program	\$0	\$0	\$192,464
18	2025-05-01-18	University of Delaware	Frances Harper: An Activist-Artivist Life	\$0	\$0	\$13,000
19	2025-05-01-19	University of Delaware	Frances Harper: An Activist-Artivist Life	\$0	\$0	\$10,652
20	2025-05-01-20	University of Delaware	Collaborative Research: HGI: Human-Guardian Interactions with Human-in-the-Loop Transitions for Safety, Performance, and Transparency	\$292,327	\$0	\$0
21	2025-05-01-21	University of Delaware	The RAPIDS3 Institute for Artificial Intelligence, Computer Science, and Data	\$0	\$0	\$242,748
22	2025-05-01-22	University of Delaware	NOAA NWS National Mesonet Program 2021 - Amend 11	\$0	\$0	\$12,715
23	2025-05-01-23	University of Delaware	Developmental Effects of Birth by Cesarean Section on Reward-Related Behavior and the Brain	\$106,556	\$0	\$0
24	2025-05-01-24	University of Delaware	EPSCoR Research Fellows: NSF: Dissipative Structure in Topological Phases Driven by Light-induced Coherent Phonons	\$233,779	\$0	\$0
25	2025-05-01-25	University of Delaware	AI-Assisted Structured Literature Reviews for Education Stakeholders	\$632,391	\$0	\$0
26	2025-05-01-26	University of Delaware	2024BBSRC-NSF/BIO: Designing and Engineering Synthetic Microbial Communities for the Degradation of Low-Density Polyethylene/Polystyrene Mixtures.	\$0	\$0	\$654,457
27	2025-05-01-27	University of Delaware	Thermal Control of Charge Transport in Organic Mixed Ionic-Electronic Conductors	\$558,123	\$0	\$0
28	2025-05-01-28	University of Delaware	A Tool for Siting Productive, Sustainable, and Healthy Aquaculture	\$0	\$0	\$405,000
29	2025-05-01-29	University of Delaware	Hydrogel-Based Therapeutic Delivery of Engineered Extracellular Vehicles for the Treatment of Vocal Fold Scarring	\$3,173,897	\$0	\$0
30	2025-05-01-30	University of Delaware	VFT Vocal Fold Therapy	\$0	\$0	\$203,703
31	2025-05-01-31	University of Delaware	SCC-IRG: Training Geriatric Caregiving Communities Using Multimodal Machine Learning and Embodied Intelligent Agents	\$1,232,600	\$0	\$0
32	2025-05-01-32	University of Delaware	Characterizing the Effects of WEE-1.3 Depletion on Spermatogenesis in C. Elegans	\$146,982	\$0	\$0
33	2025-05-01-33	University of Delaware	Search and Documentation in the Marshall Islands 25-1MH	\$0	\$0	\$276,969
34	2025-05-01-34	University of Delaware	Improving Methane Leak Detection and Methane Flux Estimates with Drones, Eddy Covariance Towers, and Atmospheric Modeling	\$0	\$0	\$283,960
35	2025-05-01-35	University of Delaware	Exploration of Sex Hormones and Tendon Health in Achilles Tendinopathy	\$108,402	\$0	\$0

36	2025-05-01-36	University of Delaware	Generative AI Creates New Ways to Imaging and Degrading Chitin: An Inflammatory Polymer That Is Everywhere, Even In You!	\$0	\$0	\$248,412
37	2025-05-01-37	University of Delaware	Emma Korein DE Sea Grant Knauss Fellowship 2026	\$95,600	\$0	\$0
38	2025-05-01-38	University of Delaware	Opehlia Christoph DE Sea Grant Knauss Fellowship 2026	\$95,600	\$0	\$0
39	2025-05-01-39	University of Delaware	Andrea Leontiou DE Sea Grant Knauss Fellowship 2026	\$95,600	\$0	\$0
40	2025-05-01-40	University of Delaware	Center for Home-Based Child Care	\$0	\$0	\$484,129
41	2025-05-01-41	University of Delaware	Modifying Fragility Fracture Healing Using A Gradient-Based Mechanotransduction Fixation Approach	\$229,962	\$0	\$0
42	2025-05-01-42	University of Delaware	How US Fishery Councils Apply Accountability Measures	\$0	\$0	\$29,750
43	2025-05-01-43	University of Delaware	Neuromorphic Computing Circuit Primitive Testbeds	\$1,595,795	\$0	\$0
44	2025-05-01-44	University of Delaware	EPSCoR Research Fellows: NSF: Ultrafast Electron Microscopy of Strain-Engineered Photoinduced Phase Transitions in 2D Indium Selenide	\$235,550	\$0	\$0
45	2025-05-01-45	University of Delaware	Delaware INBRE	\$991,637	\$0	\$0
46	2025-05-01-46	University of Delaware	Exploring the Relationship Between Dosage, Working Memory, and Home Environment Factors After a Math and Reading Intervention	\$93,338	\$0	\$0
47	2025-05-01-47	University of Delaware	Politics in the Mind's Eye	\$0	\$0	\$7,000
48	2025-05-01-48	University of Delaware	Interaction of Maternal Immune Activation and Risk Genes in ASD-Related Learning Disabilities.	\$275,000	\$0	\$0
49	2025-05-01-49	University of Delaware	2025 Mind, Machine, and Motor Nexus (M3X) PI Meeting	\$62,499	\$0	\$0
50	2025-05-01-50	University of Delaware	Sea Grant Fundamentals: Providing Mid-Atlantic Sea Grant Professionals with Foundational Learning and Networking	\$10,168	\$0	\$0
51	2025-05-01-51	University of Delaware	Smaller-State Grand Strategy: Azerbaijan, Estonia, and Kazakhstan	\$0	\$0	\$2,500
52	2025-05-01-52	University of Delaware	Politics in the Mind's Eye: The Nature of the Political Game & The Social Self	\$0	\$0	\$2,500
53	2025-05-01-53	University of Delaware	Operation SEAGRASS: Sonar Exploration and Aquatic Grass Research for Advancing Manatee Sustainability	\$0	\$0	\$15,562
54	2025-05-01-54	University of Delaware	Engineering Phagocyte Extracellular Vesicle Output Through Nanoparticle Design	\$274,999	\$0	\$0
55	2025-05-01-55	University of Delaware	Nozzle Heating and Cooling Patterns for Improved Hypersonic Quiet Wind Tunnel Design	\$122,048	\$0	\$0
56	2025-05-01-56	University of Delaware	Adapting Practice-Based Coaching for School-Based SLPs: A Mixed Methods Investigation Using An Implementation Science Framework.	\$0	\$0	\$49,976
57	2025-05-01-57	University of Delaware	Sustainable Oyster Farming	\$0	\$0	\$116,586
58	2025-05-01-58	University of Delaware	SAI: A Generally Applicable Approach To Understanding and Managing the Societal Impacts of Infrastructure System Service Interruptions	\$488,945	\$0	\$0

59	2025-05-01-59	University of Delaware	Artist-In-Residence Project	\$0	\$0	\$15,000
60	2025-05-01-60	University of Delaware	Developing New Tools For Dark Relics Blind Spots	\$945,831	\$0	\$0
61	2025-05-01-61	University of Delaware	Investigating Microschool Approaches to Supporting Students with Specific Learning Disabilities	\$0	\$0	\$50,000
62	2025-05-01-62	University of Delaware	Implementing the Landbird Monitoring for the National Capital Region Parks	\$232,810	\$0	\$0
63	2025-05-01-63	University of Delaware	Delaware Center for Musculoskeletal Research, Administrative Supplement for Equipment	\$265,800	\$0	\$0
64	2025-05-01-64	University of Delaware	Evaluation of Efficacy of Xylanase for Prebiotic Effect In Early Life Of Broilers	\$0	\$0	\$47,256
65	2025-05-01-65	University of Delaware	Early Development of Knee Osteoarthritis following ACL Reconstruction	\$0	\$0	\$1,000
66	2025-05-01-66	University of Delaware	Biocontained Bacterial Spores For Controlled and Durable Plastics Upcycling	\$569,194	\$0	\$0
67	2025-05-01-67	University of Delaware	Marketing Options for Producers and Agribusiness in the Southeast: Social-Affinity Labels and Distant Markets	\$0	\$0	\$37,794
68	2025-05-01-68	University of Delaware	DURIP: Acquisition of an Automated Viscometer to Accelerate Materials Discovery of Dynamic, Sustainable Material Formulations	\$201,406	\$0	\$0
69	2025-05-01-69	University of Delaware	Real Participants Versus Computer Participants - Analysis of Fraudulent Versus Real Online Study Participants	\$0	\$0	\$1,000
70	2025-05-01-70	University of Delaware	DURIP: Experimental Characterization of Novel Multifunctional Composites	\$475,000	\$0	\$0
71	2025-05-01-71	University of Delaware	Advanced Deployable Reflector Architecture for W-Band Frequencies	\$0	\$0	\$216,183
72	2025-05-01-72	University of Delaware	Phages as Lenses to Study Virus Assembly and Virus: Host Interactions	\$0	\$0	\$778,936
73	2025-05-01-73	University of Delaware	DURIP: Multi-Scale Acoustical Oceanographic Measurement: From Internal Waves to Arctic Eddies	\$1,657,697	\$0	\$0
77	2020-07-18-18 Amendment	Delaware State University	DOD CoE-AQS: Center of Excellence in Advanced Quantum Sensing	\$1,150,000	\$0	\$0
74	2025-04-30-01	Delaware State University	Acquisition of a Sputter Deposition System for Ongoing Research, Research Training and Teaching on New Material Development and Device Fabrication at Delaware State University	\$541,125	\$0	\$0
75	2025-04-30-02	Delaware State University	Mid-Infrared Frequency Combs For Advanced Sensing, GPS-Free Navigation Of Unmanned Aerial System	\$355,637	\$0	\$0
76	2025-04-30-03	Delaware State University	Acquisition of a Carbon Isotopic Analyzer to Conduct Wetland Carbon Sequestration Research and Education for Workforce Development in Delaware	\$251,878	\$0	\$0

REVISED 5/14/25

**Delaware State Clearinghouse Committee**  
Revised **June Agenda**  
Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
June 17, 2025 @ 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	6746	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Northern Bobwhite Quail Habitat Use, Survival, & Movement Ecology	\$411,326	\$24,293	\$112,815	0.00	0.04	0.00
2	6725	Capital School District	Students, Teachers, and Officers Preventing School Violence Program (STOP)	\$993,731	\$0	\$0	0.00	0.00	0.00
3	6755	Red Clay Consolidated School District	Students, Teachers, and Officers Preventing School Violence Program (STOP)	\$998,963	\$0	\$0	1.00	0.00	0.00
<b>Continued</b>									
1	6737	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act - Coverdell	\$294,696	\$0	\$0	0.19	0.00	0.00
2	2025-04-15-01	Executive, Delaware State Housing Authority	Family Unification Program	\$931,560	\$0	\$0	0.00	0.00	0.00
3	2025-04-15-02	Executive, Delaware State Housing Authority	Housing Choice Vouchers (Moving To Work)	\$11,379,130	\$0	\$0	16.05	0.00	0.00
4	2025-04-16-01	Executive, Delaware State Housing Authority	Community Development Block Grant	\$2,752,623	\$0	\$0	1.04	0.00	0.00
5	2025-04-16-02	Executive, Delaware State Housing Authority	Emergency Solutions Grants Program	\$263,071	\$0	\$0	0.00	0.00	0.00
6	2025-04-16-03	Executive, Delaware State Housing Authority	HOME Investment Partnership	\$3,000,000	\$0	\$0	0.54	0.00	0.00
7	2025-04-16-04	Executive, Delaware State Housing Authority	Housing Opportunities for Persons with Aids	\$412,182	\$0	\$0	0.00	0.00	0.00
8	2025-04-16-05	Executive, Delaware State Housing Authority	Housing Trust Fund	\$3,000,095	\$0	\$0	0.33	0.00	0.00
9	2025-04-16-06	Executive, Delaware State Housing Authority	Public Housing Capital Program - Moving to Work	\$1,047,225	\$0	\$0	1.60	0.00	0.00
10	2025-04-16-07	Executive, Delaware State Housing Authority	Mainstream Voucher Program	\$697,177	\$0	\$0	0.30	0.00	0.00
11	2025-04-17-01	Executive, Delaware State Housing Authority	Performance Based Contract Administrator Program	\$48,251,567	\$0	\$0	7.00	0.00	0.00
12	2025-04-17-02	Executive, Delaware State Housing Authority	Public Housing Operations Program - Moving To Work	\$2,863,270	\$0	\$864,880	19.10	0.00	0.00
13	6740	Department of State, Libraries	Library Services and Technology Act	\$694,721	\$357,887	\$0	7.00	4.05	0.00
14	6677	Department of Health and Social Services, Public Health, Community Health	Development, Maintenance, and Enhancement of Early Hearing Detection and Intervention System Surveillance Programs	\$170,000	\$0	\$0	0.00	0.00	0.00
15	6681	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/ Community Services	Senior Community Service Employment Program	\$1,700,373	\$187,351	\$0	0.75	0.25	0.00
16	6683	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	LifeSpan Respite Care Program	\$235,000	\$78,333	\$0	0.00	0.00	0.00
17	6695	Department of Health and Social Services, Public Health, Community Health	National Cancer Prevention and Control Program	\$2,037,889	\$796,115	\$0	11.25	2.00	0.00
18	6702	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Services - Title XIX MAP26	\$2,143,730,564	\$1,208,832,300	\$0	0.00	0.00	0.00
19	6720	Department of Health and Social Services, State Service Centers	Foster Grandparent Program Grant	\$595,860	\$142,912	\$0	0.00	0.00	0.00

20	6733	Department of Health and Social Services, Substance Abuse and Mental Health	Rural Communities Opioid Response Program	\$500,000	\$0	\$0	0.00	0.00	0.00
21	6743	Department of Health and Social Services, Substance Abuse and Mental Health	Overdose Data to Action	\$3,327,587	\$0	\$0	7.10	0.00	0.00
22	6745	Department of Health and Social Services, Public Health, Emergency Medical Services	Emergency Medical Services for Children Partnership	\$205,000	\$24,003	\$0	0.00	0.20	0.00
23	6748	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness Cooperative Agreement	\$5,426,073	\$579,618	\$0	32.00	0.00	0.00
24	6751	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious	\$13,989,414	\$0	\$0	19.23	0.00	0.00
25	6759	Department of Health and Social Services, Public Health, Community Health	Universal Newborn Hearing Screening	\$235,000	\$0	\$0	1.50	0.00	0.00
26	6726	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal and Energy	State Energy Program	\$466,720	\$0	\$0	2.00	0.00	0.00
27	6750	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	State and Local Cybersecurity Grant Program - IIJA	\$3,387,232	\$290,334	\$1,161,337	0.50	0.33	0.00
28	6732	Department of Agriculture, Administration, Plant Industries	Spotted Lanternfly Outreach	\$78,889	\$0	\$0	0.20	0.00	0.00
29	6742	Department of Agriculture, Pesticides	Performance Partnership Grant	\$422,666	\$83,759	\$0	2.00	0.70	0.00
30	6744	Department of Agriculture, Plant Industries	Spotted Lanternfly Survey and Control	\$676,568	\$0	\$0	0.80	0.00	0.00
31	6724	Department of Education, Early Childhood Supports	Early Head Start	\$3,127,572	\$625,514	\$0	2.90	0.00	0.00

#### Higher Education

1	6727	Delaware Technical Community College	Federal Work Study DTCC	\$628,498	\$242,461	\$0			
2	6729	Delaware Technical Community College	Pell DTCC CW	\$23,572,315	\$0	\$0			
3	6730	Delaware Technical Community College	FSEOG DTCC	\$568,466	\$181,014	\$0			
4	6731	Delaware Technical Community College	Federal Direct Student Loan Program	\$16,022,761	\$0	\$0			
5	2025-06-02-01	University of Delaware	Cooperative Program Between New Castle County and the University of Delaware Water Resources Agency (Water Resources Center)	\$0	\$0	\$62,373			
6	2025-06-02-02	University of Delaware	Research Infrastructure: Mid-Scale RI-1 (M1:DA): Developing the Next Generation Facility for High Energy Cosmic Neutrinos: IceCube-Gen2	\$0	\$0	\$305,178			
7	2025-06-02-03	University of Delaware	Randomized Trial of In-Person vs Internet-Delivered Parent-Child Interaction Therapy for Disruptive Behavior in Children	\$0	\$0	\$11,480,594			
8	2025-06-02-04	University of Delaware	Myths, Misconceptions, and Omissions in the American Narrative: Using Library of Congress Resources to Compose a more Inclusive American Story	\$18,021	\$0	\$0			
9	2025-06-02-05	University of Delaware	Sources of Processing Asymmetry in Alternative Word Order Sentences	\$5,772	\$0	\$0			
10	2025-06-02-06	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	\$109,864			
11	2025-06-02-07	University of Delaware	Regulation of Post-Traumatic Osteoarthritis by Multiscale Transmission of Aberrant Load onto the Chondrocyte Cytoskeleton	\$2,221,211	\$0	\$0			
12	2025-06-02-08	University of Delaware	Novel Interaction at the Protein Level between Six1 and Notch Signaling Mediated by Hey Factors	\$1,250,000	\$0	\$0			

13	2025-06-02-09	University of Delaware	FeNMo: Bio-realistic Ferroelectric Neuron Motifs for Analog Neuromorphic Computing	\$269,458	\$0	\$0
14	2025-06-02-10	University of Delaware	RII Track-2 FEC: Advancing Climate Neutrality in Farming Communities through Upcycling Natural Fiber	\$0	\$0	\$288,750
15	2025-06-02-11	University of Delaware	Saving the Past with the Future: Mitigating Adverse Effects of AI Data Centers on Traditional Viewscapes and Soundscapes	\$39,027	\$0	\$0
16	2025-06-02-12	University of Delaware	New Castle County Vocational-Technical SD 2024 Seminars for Delaware Teachers Institute FY25	\$0	\$0	\$1,250
17	2025-06-02-13	University of Delaware	Collaborative Research: CPS: Medium: Calthealth: An Explainable AI Framework for the Early Detection of Pneumonia in Dairy Calves through Precision Technologies	\$129,873	\$0	\$0
18	2025-06-02-14	University of Delaware	Induction of Oral Immune Tolerance for AAV Gene Therpy by using Oral Delivery of the immunodominant Epitopes for GALNS Enzyme	\$0	\$0	\$73,876
19	2025-06-02-15	University of Delaware	CRISPR/Cas9 Mediated In-Vivo and Ex-Vivo Gene Editing Therapy for Morquio A Syndrome	\$0	\$0	\$129,433
20	2025-06-02-16	University of Delaware	Development of In Vivo/Ex Vivo Lentiviral Gene Therapy for Mucopolysaccharidosis IVA	\$0	\$0	\$32,345
21	2025-06-02-17	University of Delaware	Investigating the Mechanism of Subcellular Transport of miRNAs and their Targets to the Mitotic Spindle	\$0	\$0	\$1,000
22	2025-06-02-18	University of Delaware	ADAM-Ephrin Interactions in Cell Signaling and Adhesion	\$1,684,356	\$0	\$0
23	2025-06-02-19	University of Delaware	COVID-19, Vaccinations and School/Community Resources: Children's Longitudinal Health and Education Outcomes using linked Administrative Data Year 5	\$0	\$0	\$85,294
24	2025-06-02-20	University of Delaware	Management, Operations, and Maintenance of the IceCube Neutrino Observatory 2026-2031	\$0	\$0	\$1,263,241
25	2025-06-02-21	University of Delaware	Models of Adolescent Brain Development to Predict Socioemotional Function	\$0	\$0	\$0
26	2025-06-02-22	University of Delaware	NSF Engineering Research Center for Environmentally Applied Refrigerant Technology Hub (EARTH)	\$0	\$0	\$343,730
27	2025-06-02-23	University of Delaware	Bookworms K-5 Reading and Writing (BWK5)	\$0	\$0	\$67,903
28	2025-06-02-24	University of Delaware	Two Validated First-Level Screening Assays for Infectious Hepatitis A Virus by Detection of an Intact Capsid on Frozen Berries	\$0	\$0	\$24,828
29	2025-06-02-25	University of Delaware	Time-Efficient Inspiratory Muscle Strength tTaining for Lowering Systolic Blood Pressure and Improving Endothelial Function in Women with Depression	\$0	\$0	\$105,080
30	2025-06-02-26	University of Delaware	Planning for Improvement: An Equitable and Democratic Approach to School-Level Change	\$0	\$0	\$132,138
31	2025-06-02-27	University of Delaware	Modifying Fragility Fracture Healing using a Gradient-Based Mechanotransduction Fixation Approach	\$17,983	\$0	\$0
32	2025-06-02-28	University of Delaware	Centering Blackness in Teacher Educate Institute	\$0	\$0	\$25,000
33	2025-06-02-29	University of Delaware	Reassessing Wintering Mid-Atlantic Black Duck Occupancy Across Habitats to Improve the Decision Support Tool	\$201,424	\$0	\$0
34	2025-06-02-30	University of Delaware	Predicting Historic Wintering Ranges and Adjusted Fall Age Ratios of American Black Ducks as a Function of Climate and Environmental Covariates	\$70,817	\$0	\$0
35	2025-06-02-31	University of Delaware	Role of Ilyanassa Obsoletea in Regulating Carbon Fluxes in Saltmarsh Mudflats	\$0	\$0	\$674
36	2025-06-02-32	University of Delaware	UCF NSF ART Evaluation CRESP	\$0	\$0	\$203,340

37	2025-06-02-33	University of Delaware	Localized Small Molecule Delivery to Improve Tendon-to-Bone Integration following Anterior Cruciate Ligament Reconstruction	\$0	\$0	\$8,173
38	2025-06-02-34	University of Delaware	Mechanisms of Extracellular Vesicle Biogenesis and Uptake	\$1,250,000	\$0	\$0
39	2025-06-02-35	University of Delaware	DementiaBank: An Open Access Language Database to Understand the Progression of Dementia	\$0	\$0	\$31,250
40	2025-06-02-36	University of Delaware	Dynamic Modeling of the Shocking Dust Physics in WR 140	\$0	\$0	\$68,750
41	2025-06-02-37	University of Delaware	Coming of Age in a Declining Democracy: Effects on Young Adults; Political Attitudes and Behaviors	\$0	\$0	\$84,391
42	2025-06-02-38	University of Delaware	2025 NAHLN Infrastructure	\$229,564	\$0	\$0
43	2025-06-02-39	University of Delaware	Producing Effective Cell Therapies for the Treatment of CLL using a Scalable Bio-Inspired Hydrogel Platform	\$0	\$0	\$100,000
44	2025-06-02-40	University of Delaware	Advancing AI-Assisted Content Analysis for Safer and Smarter Digital Advertising	\$0	\$0	\$69,856
45	2025-06-02-41	University of Delaware	Partnership for Improvement & Innovation (PFII) Network - Middle Matters	\$0	\$0	\$24,941
46	2025-06-02-42	University of Delaware	Parker Solar Probe (ISOIS) Bridge Phase FY26	\$0	\$0	\$67,500
47	2025-06-02-43	University of Delaware	Development of a National Historic, Real-Time, and Forecasted High-Resolution Waterfowl Distribution and HPAI Model	\$0	\$0	\$269,652
48	2025-06-02-44	University of Delaware	CAREER: Enabling Autonomy via Enhanced Situational Awareness for Underwater Robotics	\$110,819	\$0	\$0
49	2025-06-02-45	University of Delaware	Using Historical and Real-Time Waterfowl Modeling Data to Strategically Push Waterfowl Away from Habitat Near Farms and Toward Waterfowl Habitat Further Away via Drones and/or Waterfowl Hunting Pressure	\$0	\$0	\$303,617
50	2025-06-02-46	University of Delaware	New Roles for Topoisomerase II in Meiosis	\$1,250,000	\$0	\$0
51	2025-06-02-47	University of Delaware	Research Infrastructure: MIP: Exploring Extreme Synthesis Conditions and Artificial Intelligence for the Discovery of Novel Composite and Alloy Materials	\$0	\$0	\$3,737,851
52	2025-06-02-48	University of Delaware	A Comparison of Prolonged Exposure Therapy, Pharmacotherapy, and their Combination for PTSD: What works Best, and for Whom	\$0	\$0	\$3,406
53	2025-06-02-49	University of Delaware	4-H Health Rocks Life Skills Education for Delaware	\$0	\$0	\$100,000
54	2025-06-02-50	University of Delaware	Super-Resolution Space TomoSAR Cryosphere Imaging via Diffusion Generative AI with Stratified Priors	\$458,292	\$0	\$0
55	2025-06-02-51	University of Delaware	Expansion of the Delaware Master Naturalist Program to Protect Natural Resources in the Delaware River Watershed	\$0	\$0	\$321,307
56	2025-06-02-52	University of Delaware	Mechanisms Controlling RNA Methylation and Demethylation Enzymes	\$1,624,936	\$0	\$0
57	2025-06-02-53	University of Delaware	Solid Polymer Electrolyte-Driven Fiber Batteries with Enhanced Safety and Processability	\$0	\$0	\$23,437
58	2025-06-02-54	University of Delaware	Demystifying the Distinct Functional Organization of the Corticospinal and Corticoreticulospinal Tracts in Post-Stroke Walking	\$0	\$0	\$80,065
59	2025-06-02-55	University of Delaware	Protein Knowledge Network for AI-Driven Biomedical Discovery	\$1,375,000	\$0	\$0
60	2025-06-02-56	University of Delaware	Expanding Effectiveness Testing of the ABC Intervention to Target New Research-Domain Criteria (R-DOC) informed Neurodevelopmental Pathways to Improve Early Childhood Mental Health in New Contexts.	\$0	\$0	\$157,395



61	2025-06-02-57	University of Delaware	Multiscale Considerations for Immune Engineering at Mucosal Interfaces	\$1,626,850	\$0	\$0
62	2025-06-02-58	University of Delaware	Synchrony and Swarming: Merging Biological and Electromagnetic Topologies in Autonomous Agent Networks	\$65,531	\$0	\$0
63	2025-06-02-59	University of Delaware	Developing Recombinant, Liposome-Displayed H5 as a HPAI Poultry Vaccine	\$0	\$0	\$389,593
64	2025-06-02-60	University of Delaware	Implementing Nutrition Services in Primary Care settings to address Chronic Disease Prevention	\$0	\$0	\$141,660
65	2025-06-02-61	University of Delaware	Advanced Manufacturing Technologies for Recycling of Pharmaceutical Plastics Waste	\$0	\$0	\$72,001
66	2025-06-02-62	University of Delaware	3D-Printed Heterogeneous Photocatalysts for Scalable Photocatalysis	\$0	\$0	\$72,000
67	2025-06-02-63	University of Delaware	The Political Geology of Southwest Greenland: Hyperspatial Analysis of a Mineral Frontier.	\$39,892	\$0	\$0
68	2025-06-02-64	University of Delaware	Health Outreach and Palliative Support (HOPES) for Rural COPD	\$0	\$0	\$141,554
69	2025-06-02-65	University of Delaware	NCC 4H Johnston FY26, NCC 4H RT.9 CLUBS FY26, NCC 4H KNOLLWOOD FY26	\$0	\$0	\$84,000
70	2025-06-02-66	University of Delaware	Understanding Brain-Electrode Mechanical Interactions in DBS Using Digital Twins Built from Magnetic Resonance Elastography and Surgical Data	\$0	\$0	\$445,554
71	2025-06-02-67	University of Delaware	PSI Fundamental Research and Development Project	\$0	\$0	\$62,500
72	2025-06-02-68	University of Delaware	Field Pilot Application of Enhanced Evaporative Flux to Remediate Brine-Contaminated Soils	\$0	\$0	\$100,799
73	2025-06-02-69	University of Delaware	Collaborative Research: DMREF: Accelerating Adoption of Sintering-Assisted Additive Manufacturing Using Integrated Experiments, Theory, Simulation and Data Science	\$0	\$0	\$100,077
74	2025-06-02-70	University of Delaware	Processing Studies for UHMW PE Composites with Complex Geometries	\$0	\$0	\$256,249
75	2025-06-02-71	University of Delaware	Genes and Mechanisms regulating Apoptosis in Zebrafish Models of Lens Defects	\$0	\$0	\$313,853
76	2025-06-02-72	University of Delaware	Study of the U.S. Institutes Madeline K. Albright Young Women Leaders Program Civic Engagement	\$0	\$0	\$204,921
77	2025-06-02-73	University of Delaware	Neighborhoods, Schools and Type 1 and 2 Diabetes in Children.	\$0	\$0	\$100,090
78	2025-06-02-74	University of Delaware	Operation SEAGRASS: Sonar Exploration and Aquatic Grass Research for Advancing Manatee Sustainability	\$0	\$0	\$14,577
79	2025-06-02-75	University of Delaware	Open Topic for Ballistic Barrier for Transportation Protection of SM-3	\$0	\$0	\$43,748
80	2025-06-02-76	University of Delaware	Combination Vaccine Platforms to Control Avian Influenza Viruses in Poultry	\$1,495,809	\$0	\$0
81	2025-06-02-77	University of Delaware	Green Synthesis of Heterocycles from Carboxylic Acids using an Artificial Enzyme	\$0	\$0	\$72,000
82	2025-06-02-78	University of Delaware	High Performance Electro-optic Modulator Designed for Military Aircraft	\$0	\$0	\$45,001
83	2025-06-02-79	University of Delaware	N252-107-0577 AFP Digital Twin for in-process placement monitoring, control, and metric for rework	\$0	\$0	\$54,552
84	2025-06-02-80	University of Delaware	Bio-Health-OKN: A Dynamically-Updated Open Knowledge Network for Health	\$0	\$0	\$137,500

85	2025-06-02-81	University of Delaware	Developing a Holistic Automated Fiber Placement Digital Engineering Solution (HADES)	\$0	\$0	\$49,501
86	2025-06-02-82	University of Delaware	Optical Neural Motes to Enable High Density Recording through Intact Dura in a Nonhuman Primate	\$0	\$0	\$12,500
87	2025-06-02-83	University of Delaware	RSA Acquisition of Goods and Services	\$13,599	\$0	\$0
88	2025-06-02-84	University of Delaware	LLM-Empowered, AI- and Robotics-Driven Discovery and Qualification of Copper Alloy Inks for Printed Electronics in Harsh Environments	\$0	\$0	\$98,416
89	2025-06-02-85	University of Delaware	Digital Phenotyping of Early Development in Neurogenetic Conditions	\$0	\$0	\$137,253
90	2025-06-02-86	University of Delaware	Developing Flock Service Technicians and Allied Industry: Fundamental and Advanced Training to Strengthen On-Farm Broiler Production Support	\$0	\$0	\$121,109
91	2025-06-02-87	University of Delaware	Improving Infant Self-Regulation and Parental Sensitivity in Preterm Dyads: A Novel RCT of the Attachment and Biobehavioral Catch-Up Program	\$0	\$0	\$60,849
92	2025-06-02-88	University of Delaware	PATCHES - Prey Aggregation and Potential Turbine-induced CHangEs at the Submesoscale	\$0	\$0	\$422,459
93	2025-06-02-89	University of Delaware	CogniSense: Center on Cognitive Multispectral Sensors	\$0	\$0	\$49,500
94	2025-06-02-90	University of Delaware	AMENDMENT/ SANOFI LNP PROJECT	\$0	\$0	\$25,236
95	2025-06-02-91	University of Delaware	Data-Driven Natural Products Discovery and Efficient Synthesis	\$5,108,470	\$0	\$0
96	2025-06-02-92	University of Delaware	Resolving the Burden of Low Back Pain in Military Service Members and Veterans: A Multi-Site Pragmatic Clinical Trial.	\$0	\$0	\$49,463
97	2025-06-02-93	University of Delaware	Satellite Quantum Tests of Universality of Free Fall	\$142,580	\$0	\$0
98	2025-06-02-94	University of Delaware	Dover Youth Committee	\$0	\$0	\$45,611
99	2025-06-02-95	University of Delaware	From Inland Bays to Delaware Bay: Enhancing Ghost Gear Recovery with AI and Community-Led Support	\$0	\$0	\$79,011
100	2025-06-02-96	University of Delaware	Play It Forward	\$0	\$0	\$50,000
101	2025-06-02-97	University of Delaware	Collaborative Research: FLOTILLA - FLoats for Ocean-To-Ice Links aLong the Antarctic coast	\$1,018,280	\$0	\$0
102	2025-06-02-98	University of Delaware	Mechanically Controlled Drug Delivery Platform for Joint Environments	\$0	\$0	\$64,016
103	2025-06-02-99	University of Delaware	Development of Breakthrough Silver-Reduced Metallization Technology for Crystalline Silicon Solar Systems	\$0	\$0	\$34,965
104	2025-06-02-100	University of Delaware	Using Quantitative Ethnography and Customized Virtual Role Models to Measure and Improve the Computing Identity of First-Year University Students	\$0	\$0	\$25,000
105	2025-06-02-101	University of Delaware	Supporting Teachers to Enact Equitable Mathematics Instruction Through Rubric-Based Coaching	\$0	\$0	\$25,000
106	2025-06-03-01	Delaware State University	Nanoporous Biocarbons for Advanced Supercapacitors: Sustainable Synthesis from Biowastes with Seawater as Activation Reagent for Reducing Environmental Impacts	\$326,748	\$0	\$0
107	2025-06-03-02	Delaware State University	Decentralized Drone Swarm Coordination in Adverse Environments	\$196,928	\$0	\$0
108	2025-06-03-03	Delaware State University	Classical 5HT2a Psychedelics and Traumatic Brain Injury	\$1,095,000	\$0	\$0

109	2025-06-03-04	Delaware State University	Graduate Training in Protein Dynamics and Function (PDF) at Delaware State University	\$3,219,510	\$0	\$0
110	2025-06-03-05	Delaware State University	Experiential Learning for Mental Health Paraprofessionals	\$1,380,800	\$0	\$0
111	2025-06-03-06	Delaware State University	The Impact of a No-Cost After School and Summer Camp Program (ACCEL)	\$118,666	\$0	\$0

Created 6/4/2025 Revised 6-12-25

**Delaware State Clearinghouse Committee**  
**July Agenda**  
Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
July 22, 2025 @ 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	6781	Judicial, Family Court	Child-Related Relief Facilitator Project	\$250,000	\$0	\$0	0.00	0.00	0.00
2	6735	Department of Health and Social Services, Public Health, Community Health	Women, Infant, and Children (WIC) Online Shopping	\$532,510	\$0	\$0	0.00	0.00	0.00
3	5402 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement – Preliminary Assessment/Site Inspection	\$309,151	\$0	\$0	1.20	0.00	0.00
4	6754	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Non-Profit Security Grant Program- National Security Supplemental	\$1,650,000	\$0	\$0	0.00	0.00	0.00
5	6786	Caesar Rodney School District	Community Oriented Policing Services (COPS) School Violence Prevention Program	\$457,644	\$152,548	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	6782	Judicial, Family Court	Court Improvement Program Grant	\$300,092	\$100,932	\$0	1.00	0.40	0.00
2	6747	Executive, Criminal Justice, Criminal Justice Council	Title II Formula Block Grant	\$480,478	\$48,048	\$0	0.50	0.39	0.00
3	6715	Department of State, Libraries	Volunteers in Service to America - AmeriCorps	\$15,000	\$0	\$0	0.00	0.00	0.00
4	6796	Department of State, Division of Arts, Office of the Director	Promotion of the Arts - Partnership Agreement	\$1,040,000	\$1,040,000	\$0	3.00	0.00	0.00
5	6673	Department of Health and Social Services, Medicaid and Medical Assistance	Expansion of Medicaid - CHIP School Based Services	\$1,000,835	\$0	\$0	2.00	0.00	0.00
6	6693	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	\$499,875	\$0	\$0	0.00	0.00	0.00
7	6696	Department of Health and Social Services, Public Health, Community Health	Promoting Adolescent Health Through School Based Surveillance	\$112,500	\$0	\$0	0.00	0.00	0.00
8	6714	Department of Health and Social Services, Public Health, Community Health	Modernizing Environmental Public Health Tracking	\$570,000	\$0	\$0	2.75	0.00	0.00
9	6716	Department of Health and Social Services, Social Services	Refuge Cash and Medical Assistance Program	\$3,899,400	\$0	\$0	0.50	0.00	0.00
10	6718	Department of Health and Social Services, Public Health, Community Health	Delaware Violent Death Reporting System	\$183,314	\$0	\$0	1.00	0.00	0.00
11	6721	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Administration	\$100,947,975	\$51,635,950	\$0	207.64	175.94	0.00
12	6722	Department of Health and Social Services, Public Health, Community Health	Childhood Lead Poisoning Prevention	\$493,678	\$0	\$0	1.00	0.00	0.00
13	6723	Department of Health and Social Services, Public Health, Community Health	Sudden Death in the Young Registry	\$93,969	\$0	\$0	0.00	0.00	0.00
14	6734	Department of Health and Social Services, Public Health, Community Health	Preventing Maternal Deaths: Supporting Maternal Mortality Review Committee	\$295,000	\$0	\$0	0.00	0.00	0.00
15	6735	Department of Health and Social Services, Public Health, Community Health	Maternal, Infant, and Childhood Home Visiting	\$5,105,489	\$1,704,950	\$0	1.50	0.00	0.00

16	6738	Department of Health and Social Services, Social Services, State Service Centers	Commission Support Grant	\$350,867	\$290,422	\$0	2.75	5.75	0.00
17	6739	Department of Health and Social Services, Social Services, State Service Centers	Training and Technical Assistance Commission Investment	\$166,136	\$0	\$0	0.00	0.00	0.00
18	6761	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families	\$32,184,421	\$33,834,249	\$0	28.67	24.40	0.00
19	6762	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families - Contingency	\$3,900,000	\$0	\$0	0.00	0.00	0.00
20	6763	Department of Health and Social Services, Social Services	Social Services Block Grant	\$4,930,464	\$0	\$0	14.80	0.00	0.00
21	6764	Department of Health and Social Services, Social Services	Child Care Development Fund - Mandatory	\$5,179,330	\$5,179,325	\$0	0.00	0.00	0.00
22	6765	Department of Health and Social Services, Social Services	Child Care Development Fund - Matching	\$6,232,458	\$6,232,458	\$0	0.00	0.00	0.00
23	6766	Department of Health and Social Services, Social Services	Child Care Development Fund - Discretionary	\$22,156,840	\$1,754,623	\$0	17.55	18.35	0.00
24	6767	Department of Health and Social Services, Social Services	Refugee Social Service Case Program	\$982,658	\$0	\$0	0.00	0.00	0.00
25	6768	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program	\$22,723,684	\$22,723,684	\$0	131.40	131.40	0.00
26	6769	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program, Employment and Training - Administration	\$347,825	\$0	\$0	0.00	0.00	0.00
27	6770	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program, Employment and Training - Operations	\$127,139	\$127,140	\$0	0.00	0.00	0.00
28	6771	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training	\$104,250	\$104,250	\$0	0.00	0.00	0.00
29	6773	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - State Exchange	\$10,000	\$0	\$0	0.00	0.00	0.00
30	6774	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Electronic Benefits Transfer State Exchange	\$10,000	\$0	\$0	0.00	0.00	0.00
31	6775	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Access	\$10,000	\$0	\$0	0.00	0.00	0.00
32	6776	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer System	\$500,000	\$500,000	\$0	0.00	0.00	0.00
33	6777	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer - Benefits	\$11,760,000	\$0	\$0	0.00	0.00	0.00
34	6778	Department of Health and Social Services, Substance Abuse and Mental Health Administration	State Opioid Response Grant	\$38,808,934	\$0	\$0	9.00	0.00	0.00
35	6779	Department of Health and Social Services, Public Health, Community Health	First Responders - Comprehensive Addiction and Recovery Act	\$800,000	\$0	\$0	0.80	0.00	0.00
36	6780	Department of Health and Social Services, Public Health, Community Health	Strategic Prevention Framework for Prescription Drugs	\$384,000	\$0	\$0	0.10	0.00	0.00
37	6783	Department of Health and Social Services, Public Health, Community Health	Infants and Toddlers with Disabilities	\$2,587,723	\$0	\$0	10.00	0.00	0.00
38	6785	Department of Health and Social Services, Public Health, Community Health	Hospital Preparedness Program	\$1,197,639	\$119,764	\$0	2.00	0.00	0.00
39	6787	Department of Health and Social Services, Office of the Secretary, Administration	Innovations in Nutrition Program and Services	\$149,544	\$49,848	\$0	0.00	0.00	0.00

40	6790	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program	\$10,000,000	\$0	\$0	2.25	0.00	0.00
41	6793	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer System	\$90,054	\$90,054	\$0	0.00	0.00	0.00
42	5331 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Brownfields Revitalization	\$476,812	\$0	\$0	2.50	0.00	0.00
43	6728	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Non-point Source Implementation Grant	\$1,168,000	\$785,333	\$0	3.00	2.70	0.00
44	6789	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund	\$7,788,000	\$1,557,600	\$0	0.00	0.00	0.00
45	6791	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund Supplemental - IIJA	\$12,094,000	\$2,418,800	\$0	0.00	0.00	0.00
46	6792	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund Emerging Contaminants - IIJA	\$1,100,000	\$0	\$0	0.00	0.00	0.00
47	6788	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 154 Sanction Grant	\$1,457,853	\$0	\$0	0.00	0.00	0.00
48	6741	Department of Agriculture, Food Products Inspection	Produce Safety Rule	\$258,466	\$0	\$0	2.20	0.00	0.00
49	2025-06-18-01	Caesar Rodney School District	Dover Air Force Base School Budget	\$13,384,995	\$0	\$0	0.00	0.00	0.00
<b>Higher Education/Other</b>									
1	2025-07-03-01	University of Delaware	Mid-scale RI-1 (M1:IP): Integrative Infrastructure for DNP and NMR in Biology and Chemistry	\$18,512,148	\$0	\$0			
2	2025-07-03-02	University of Delaware	SysCAP: A Systems Approach to Managing the Redheaded Flea Beetle in Specialty Crops	\$0	\$0	\$103,873			
3	2025-07-03-03	University of Delaware	Collaborative Research: Simpson Neutron Monitor Network	\$2,022,198	\$0	\$0			
4	2025-07-03-04	University of Delaware	TRAILBLAZER: The 7th Sense: A Synergistic Human-AI Interaction Framework for Augmenting Human Capabilities	\$1,915,127	\$0	\$0			
5	2025-07-03-05	University of Delaware	University of Delaware Coalition on Character Development: Advancing Flagship State Institutional Leadership	\$0	\$0	\$849,258			
6	2025-07-03-06	University of Delaware	BCSER: Institute for High-Quality Scholarship of Teaching Through the Methodology of Continuous Improvement	\$647,200	\$0	\$0			
7	2025-07-03-07	University of Delaware	Doctoral Fellowship Initiative FOR Saeed Esfandi AY 25-26	\$0	\$0	\$39,336			
8	2025-07-03-08	University of Delaware	Cultivation of Beneficial Microbes across Human Cultures: Exploring Innate and Culturally Learned Microbiological Behaviors	\$0	\$0	\$6,886			
9	2025-07-03-09	University of Delaware	Latinx and Hispanic Historic Resources, City of Wilmington	\$0	\$0	\$11,395			
10	2025-07-03-10	University of Delaware	Threatened Resource Documentation, and Resource Digitization FY 2023	\$0	\$0	\$6,614			
11	2025-07-03-11	University of Delaware	Collaborative Research: TRTech-PGR: Targeted Proximity Labeling of Extracellular Vesicles with Fluorescence and Biotin to Characterize their Release, Uptake, and Contents	\$436,576	\$0	\$0			
12	2025-07-03-12	University of Delaware	Advanced Manufacturing of High-Performance Composite Sandwich Structures with Integrated Core-Face Sheets	\$0	\$0	\$22,500			
13	2025-07-03-13	University of Delaware	The Delaware Center for Musculoskeletal Research	\$7,497,280	\$0	\$0			
14	2025-07-03-14	University of Delaware	AI-Enhancement of Model-Based Control Design for Autonomous Vehicles	\$292,293	\$0	\$0			
15	2025-07-03-15	University of Delaware	DIEEC New Directions Early Head Start Year 29	\$3,021,751	\$0	\$0			

16	2025-07-03-16	University of Delaware	Advancing Hand-Held Laser Induced Breakdown Spectroscopy (LIBS) for Determining Provenance and Identity of Traded and Trafficked Timber	\$357,724	\$0	\$0
17	2025-07-03-17	University of Delaware	Using a ONE-HEALTH Holobiotic Approach to Support Nutrient-Rich and Food-Safe Plants in Space	\$592,546	\$0	\$0
18	2025-07-03-18	University of Delaware	Developing Graph Analytics and AI Tools to Broaden Biomedical Knowledge Discovery: A Research Software Engineer's Approach	\$300,000	\$0	\$0
19	2025-07-03-19	University of Delaware	Reframing Professional Development for Graduate Teaching Assistants: Cultivating Student Resource-Based Approaches in Undergraduate Mathematics Instruction	\$0	\$0	\$313,901
20	2025-07-03-20	University of Delaware	Collaborative Research: FLOTILLA - Floats for Ocean-To-Ice Links along the Antarctic coast	\$1,018,280	\$0	\$0
21	2025-07-03-21	University of Delaware	Elizabethtown Independent Schools (KY) - Literacy	\$0	\$0	\$40,855
22	2025-07-03-22	University of Delaware	Selective LN Drug Targeting for Head and Neck Cancer	\$0	\$0	\$147,500
23	2025-07-03-23	University of Delaware	Collaborative Research: Decadal Changes in Dissolved Organic Matter Composition and Reactivity in Antarctic Lakes	\$229,476	\$0	\$0
24	2025-07-03-24	University of Delaware	Role of Visceral Adipose in Obesity-Induced Endothelial Dysfunction	\$1,250,000	\$0	\$0
25	2025-07-03-25	University of Delaware	Harnessing Lymphocyte Trafficking for Selective Lymph Node Immunotherapy	\$0	\$0	\$270,000
26	2025-07-03-26	University of Delaware	Health Impacts of Micro/Nanoplastics on Early Life Development	\$1,441,835	\$0	\$0
27	2025-07-03-27	University of Delaware	Regulation of Post-Traumatic Osteoarthritis by Multiscale Transmission of Aberrant Load onto the Chondrocyte Cytoskeleton	\$2,235,046	\$0	\$0
28	2025-07-03-28	University of Delaware	A Dual-Regenerative and Senomorphic Hydrogel Platform for Disease Modification in Osteoarthritis	\$2,388,514	\$0	\$0
29	2025-07-03-29	University of Delaware	iMAP-CKD: Individualized Multimorbidity-Aware Prediction for Chronic Kidney Disease via Patient Stratification and Knowledge Transfer	\$0	\$0	\$750,000
30	2025-07-03-30	University of Delaware	Peitho Editorial Funds	\$0	\$0	\$12,000
31	2025-07-03-31	University of Delaware	University of Delaware NSF EPSCoR Graduate Fellowship Program	\$2,385,000	\$0	\$0
32	2025-07-03-32	University of Delaware	The Effect of Sidestream Cranberries on Performance, Gut Microbiome and Gut Health of Broiler Chickens	\$0	\$0	\$37,430
33	2025-07-03-33	University of Delaware	ClF: Small: Multidimensional Remaindering Theory and Applications	\$51,082	\$0	\$0
34	2025-07-03-34	University of Delaware	Physics-Informed Deep Learning and Governance Framework for Traffic Applications with Sparse Sensor Networks	\$113,940	\$0	\$125,988
35	2025-07-03-35	University of Delaware	Dynamically Crosslinked and Conductive Metallopolymers for Printable Actuators in Haptic Interfaces	\$0	\$0	\$150,000
36	2025-07-03-36	University of Delaware	Implementing Digital Technologies to Disseminate Information to Support the Activity of Daily Living Needs of Individuals with Cerebral Palsy	\$2,602,453	\$0	\$0
37	2025-07-03-37	University of Delaware	Development of Carbide and Nitride Supported-Metal Catalysts for COx - Free Hydrogen Production and Ammonia Synthesis at Low Temperature and Pressure	\$0	\$0	\$162,908
38	2025-07-03-38	University of Delaware	Hydrogen Powered AI Datacenter (HyPAD)	\$0	\$0	\$72,468
39	2025-07-03-39	University of Delaware	USDA NIFA McIntire Stennis 25	\$13,311	\$0	\$0
40	2025-07-03-40	University of Delaware	Hierarchical Auditory Prediction Deficits in Childhood Stuttering	\$1,550,115	\$0	\$0
41	2025-07-03-41	University of Delaware	CRISIS: Comprehensive Reproducibility Initiative for Scientific Integrity and Standardization	\$0	\$0	\$60,000

42	2025-07-03-42	University of Delaware	Quantifying the Influence of Tumor-Derived Extracellular Vesicles on Circulating Tumor Cell Extravasation	\$1,678,159	\$0	\$0
43	2025-07-03-43	University of Delaware	Impact of Internal States on Hippocampal Encoding of Social Partners	\$2,485,052	\$0	\$0
44	2025-07-03-44	University of Delaware	RestorHer - Restoring Sleep for Rural Women Transitioning Through Menopause	\$0	\$0	\$299,940
45	2025-07-03-45	University of Delaware	A role for Basal Forebrain Cholinergic Neurons in Associative Fear Memory	\$282,176	\$0	\$0
46	2025-07-03-46	University of Delaware	A Dynamic Cervical Mucosal Platform to Model Hormonal, Microbial, and Microenvironmental Perturbations	\$2,896,741	\$0	\$0
47	2025-07-03-47	University of Delaware	Graduate Stipend Support for the Winterthur/University of Delaware Program in Art Conservation	\$350,000	\$0	\$0
48	2025-07-03-48	University of Delaware	Elucidating Risk and Protective Factors for LGBTQIA+ Mental Health: The Influence of the Political Climate in the United States	\$0	\$0	\$7,650
49	2025-07-03-49	University of Delaware	Harnessing a Multi-vector, Multi-scale Approach to Investigate Saltwater Intrusion and Vector-borne Disease Dynamics	\$275,000	\$0	\$0
50	2025-07-03-50	University of Delaware	Parcells Lab HVT Project - Recombinant Infectious Clone Selection and Vaccine Assessment	\$0	\$0	\$68,056
51	2025-07-03-51	University of Delaware	Precision Delivery of STING Agonists to Tumor Draining Lymph Nodes for Durable Tumor Treatment	\$275,000	\$0	\$0
52	2025-07-03-52	University of Delaware	Building a Clinical Evidence Generation Toolbox for Federated Real-World Data Analysis	\$0	\$0	\$750,000
53	2025-07-03-53	University of Delaware	Novel Computational Methods for Identifying Drug Repurposing Signals for AD/ADRD with Noisy Real-World Data	\$0	\$0	\$750,000
54	2025-07-03-54	University of Delaware	Protein Knowledge Network and Common Fund Data Ecosystem in Proto-OKN for AI-Driven Biomedical Discovery	\$125,000	\$0	\$0
55	2025-07-03-55	University of Delaware	From Classrooms to Communities: A Multi-State Earth Education Toolkit	\$0	\$0	\$22,175
56	2025-07-03-56	University of Delaware	Engineered Microenvironments to Guide CAR T-cell Phenotype for Multifaceted Immunotherapeutic Applications	\$716,875	\$0	\$0
57	2025-07-03-57	University of Delaware	4-H Food Loss Waste	\$0	\$0	\$128,377
58	2025-07-03-58	University of Delaware	Overcoming Immunotherapy Delivery Barriers in Head and Neck Cancer	\$275,000	\$0	\$0
59	2025-07-03-59	University of Delaware	The HenHacks Hackathon for 2025	\$0	\$0	\$1,000
60	2025-07-03-60	University of Delaware	Multi-layer PEDOT (poly(3,4-ethylenedioxythiophene))-Based Impedimetric Chemical Sensors	\$0	\$0	\$136,831
61	2025-07-03-61	University of Delaware	RSA Acquisition of Goods and Services	\$15,350	\$0	\$0
62	2025-07-03-62	University of Delaware	Nemours Sadeh Collins Year 2	\$0	\$0	\$79,211
63	2025-07-03-63	University of Delaware	Augmented Reality Rail Inspection System (ARRIS)	\$0	\$0	\$53,332
64	2025-07-03-64	University of Delaware	Click Chemistry Repurposing of FDA Drugs to Prevent OA Cartilage Degradation	\$275,001	\$0	\$0
65	2025-07-03-65	University of Delaware	Center: NSF Engineering Research Center for Engineering Movement with Personalization for Optimized Wellness and Enhanced Recovery (EMPOWER)	\$0	\$0	\$1,900,142
66	2025-07-03-66	University of Delaware	Project MIRRORS: Multilingual Instruction through Responsive Reflection and Ongoing Refinement with Student Data	\$0	\$0	\$326,087
67	2025-07-03-67	University of Delaware	Delaware SEU Energy Assessment Program	\$0	\$0	\$109,783
68	2025-07-03-68	University of Delaware	ENDEAVOR: Hydrogen Energy & Decarbonization At-Source via Innovative Wellbore Natural Gas Reforming Reactor	\$0	\$0	\$243,833
69	2025-07-03-69	University of Delaware	Paternal Control of the Oocyte-to-Embryo Transition in C. elegans	\$0	\$0	\$417,585



70	2025-07-03-70	University of Delaware	Bayesian Inference for Crash Risk Modeling and Small Carrier Risk Assessment	\$86,081	\$0	\$0
71	2025-07-03-71	University of Delaware	HHS DATI FY2025 Delaware Assistive Technology Initiative	\$423,003	\$0	\$0
72	2025-07-03-72	University of Delaware	Liquid Fuel Production via Non-Thermal Plasma Catalysis	\$0	\$0	\$46,875
73	2025-07-03-73	University of Delaware	Improved Layer Bonding for Continuous Fiber Printing	\$0	\$0	\$53,125
74	2025-07-03-74	University of Delaware	Understanding Early Vocal Development in Infants with Neurogenetic Syndromes: New Tools to Predict and Support Language and Autism Outcomes	\$1,069,137	\$0	\$0
75	2025-07-03-75	University of Delaware	Elucidating Microenvironmental Factors that Drive Breast Cancer Dormancy and Reactivation and Evaluating a New Treatment to Eliminate Dormant Tumor Cells	\$315,402	\$0	\$0
76	2025-07-03-76	University of Delaware	Optimizing Healthcare Delivery and Identifying Novel Risk Factors for Neurological Comorbidity Among Older Adults with Autism Spectrum Disorder	\$3,303,420	\$0	\$0
77	2025-07-03-77	University of Delaware	Delaware 4H Beyond Ready	\$0	\$0	\$111,601
78	2025-07-03-78	University of Delaware	Hybrid AI/Model-based Quadrupedal Motion Planning and Control	\$312,293	\$0	\$0
79	2025-07-01-01	Delaware State University	FY2026 DSU SNAP-ED Program	\$169,057	\$0	\$0
80	2025-07-01-02	Delaware State University	Project ECLIPSE (Equitable Curriculum and Leadership in Special Education)	\$1,173,257	\$0	\$0
81	2025-07-01-03	Delaware State University	Cholinergic Neurotransmission in the Central Nervous System During Aging	\$3,164,221	\$0	\$0
82	2024-05-26-01	Diamond State Port Corporation	Port Infrastructure Development Program	\$127,510,094	\$0	\$14,167,788

Created 7/3/2025

**Delaware State Clearinghouse Committee**  
**August Agenda**  
Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
August 19, 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>
<b>New Business*</b>									
1	6807	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Christina and Brandywine River Remediation, Restoration, and Resilience Project	\$6,300,000	\$0	\$0	0.00	0.00	0.00
2	6736	Department of Education, Academic Support	Delaware Bay Watershed Education and Training Program	\$150,000	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	6697	Department of Health and Social Services, Public Health, Community Health	Advancing Health Equity and Asthma Control	\$449,728	\$0	\$0	0.10	0.00	0.00
2	6699	Department of Health and Social Services Public Health, Community Health	Well-Integrated Screening and Evaluation for Women	\$681,726	\$238,611	\$0	0.90	0.34	0.00
3	6756	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Projects for Assistance in Transition from Homeless Grant	\$300,000	\$100,000	\$0	0.00	0.00	0.00
4	6757	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Bipartisan Safer Communities Act - Center for Mental Health Block Grant	\$167,611	\$0	\$0	0.00	0.00	0.00
5	6800	Department of Health and Social Services, Child Support Services	Child Support Enforcement	\$30,218,684	\$14,561,168	\$0	123.42	61.54	2.04
6	6801	Department of Health and Social Services, Child Support Services	Child Support Enforcement Incentive Grant	\$1,732,384	\$0	\$0	21.00	0.00	0.00
7	6825	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Mental Health Awareness Training (MHAT) Grant	\$125,000	\$0	\$0	0.00	0.00	0.00
8	6829	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	\$986,174	\$868,206	\$0	2.00	6.00	0.00
9	6830	Department of Services for Children, Youth and Their Families	Title IV-E Independent Living Program	\$540,000	\$135,000	\$0	2.00	0.00	0.00
10	6831	Department of Services for Children, Youth and Their Families	Child Abuse Prevention and Treatment Act	\$336,821	\$99,179	\$0	3.00	1.00	0.00
11	6832	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Kinship Navigator Program	\$173,868	\$0	\$0	0.00	0.00	0.00
12	6833	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	\$62,337	\$20,779	\$0	0.00	0.00	0.00
13	6834	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Education and Training Vouchers Program	\$72,078	\$18,020	\$0	0.00	0.00	0.00
14	6835	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Adoption Incentive Payment Program	\$44,000	\$0	\$0	0.00	0.00	0.00
15	6797	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Leaking Underground Storage Tank Prevention Grant	\$796,185	\$265,395	\$0	2.40	0.60	0.00
16	6798	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Leaking Underground Storage Tank Cleanup Program	\$1,782,840	\$198,093	\$0	4.10	0.00	0.00
17	6808	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Hazardous Waste Management Program - Resource Conservation and Recovery Act (RCRA)	\$2,279,001	\$759,666	\$0	6.70	1.50	0.00
18	6809	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Water Quality Management Planning Grant	\$212,000	\$0	\$0	0.00	0.00	0.00

19	6824	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Division of Waste and Hazardous Substances	Support Agency Cooperative Agreement - Army Creek	\$10,000	\$0	\$0	0.06	0.00	0.00
20	6811	Department of Education, Student Support	Child and Adult Care Food Program	\$21,493,211	\$0	\$0	0.00	1.80	0.00
21	6812	Department of Education, Student Support	Child and Adult Care Food Program - Cash-in-Lieu	\$1,177,292	\$0	\$0	0.00	0.00	0.00
22	6813	Department of Education, Student Support	Child and Adult Care Food Program - Sponsor Administration	\$574,269	\$0	\$0	0.00	0.00	0.00
23	6814	Department of Education, Student Support	Fresh Fruit and Vegetables Program	\$2,790,669	\$0	\$0	0.00	0.00	0.00
24	6815	Department of Education, Student Support	National School Breakfast Program	\$18,099,317	\$0	\$0	0.00	0.00	0.00
25	6816	Department of Education, Student Support	National School Lunch Program	\$43,469,499	\$487,127	\$0	0.00	0.00	0.00
26	6817	Department of Education, Student Support	Child Nutrition State Administrative Expense	\$1,565,025	\$347,114	\$0	4.15	1.50	0.00
27	6819	Department of Education, Student Support	Summer Food Service Program	\$3,262,329	\$0	\$0	0.00	0.00	0.00
28	6820	Department of Education, Student Support	Summer Food Service Program - State Administrative Funds	\$124,324	\$0	\$0	0.55	0.00	0.00
<b>Higher Education/Other</b>									
1	6705	Delaware Technical Community College	Delaware Manufacturing Extension Partnership (DEMEP) National Institute of Standards & Tech Year 4-5	\$403,400	\$0	\$0			
2	2025-08-05-01	University of Delaware	WoU-MMA: Cosmic-Ray Physics with IceCube 2025 - 2028	\$0	\$0	\$0			
3	2025-08-05-02	University of Delaware	CAS: Functionalization of Earth-Abundant, Molecular Group 4 Photosensitizers for Photochemical Applications	\$380,453	\$0	\$0			
4	2025-08-05-03	University of Delaware	Disciplinary Improvements: HS-SPECTRA: Hyperspectral Standardizing and Sharing Possibilities for Environmental Conditions through Toolkits, Resources and Archiving	\$0	\$0	\$45,000			
5	2025-08-05-04	University of Delaware	REplacing SEdentary Time for Arthritis (RESET-Arthritis): A Pilot RCT	\$0	\$0	\$77,899			
6	2025-08-05-05	University of Delaware	The Allstate Foundation College Service Grant	\$0	\$0	\$10,000			
7	2025-08-05-06	University of Delaware	Teaching with Primary Sources Mid-Atlantic/US Territories Region	\$0	\$0	\$22,089			
8	2025-08-05-07	University of Delaware	Rooted Resilience: Establishing Large Scale Submerged Aquatic Vegetation Restoration Efforts (DE)	\$0	\$0	\$753,303			
9	2025-08-05-08	University of Delaware	Tools4Cells: Multi-Kingdom Acetyl-CoA Sensing For Real-Time Reporting and Control of Metabolism	\$644,108	\$0	\$0			
10	2025-08-05-09	University of Delaware	Detailed Cell Mechanical Analysis - Temperature Effect	\$0	\$0	\$32,694			
11	2025-08-05-10	University of Delaware	Bird-Inspired Small UAVs Enabled by Flexible Hybrid Electronics	\$0	\$0	\$66,171			

12	2025-08-05-11	University of Delaware	Data-Driven Natural Products Discovery and Efficient Synthesis	\$5,108,470	\$0	\$0
13	2025-08-05-12	University of Delaware	TRACE: Turbine-to-Regional Assessment Characterizing Ecological Outcomes Driven By Offshore Wind Hydrodynamics	\$0	\$0	\$691,650
14	2025-08-05-13	University of Delaware	Developing Graph Analytics and AI Tools to Broaden Biomedical Knowledge Discovery: A Research Software Engineer's Approach	\$300,000	\$0	\$0
15	2025-08-05-14	University of Delaware	Center: Engineering Research Center for Innovations in Flexible Biomufacturing (iFlexBio)	\$0	\$0	\$2,782,856
16	2025-08-05-15	University of Delaware	Impact of Internal States on Hippocampal Encoding of Social Partners	\$2,485,052	\$0	\$0
17	2025-08-05-16	University of Delaware	Nemours Selva Ebraheem	\$0	\$0	\$176,601
18	2025-08-05-17	University of Delaware	Vole Caloric Restriction Research	\$0	\$0	\$73,093
19	2025-08-05-18	University of Delaware	A Role For Basal Forebrain Cholinergic Neurons In Associative Fear Memory	\$282,176	\$0	\$0
20	2025-08-05-19	University of Delaware	Demonstration Of Vehicle-To-Grid (V2G) Power And Value Of V2G Grid Services	\$0	\$0	\$45,380
21	2025-08-05-20	University of Delaware	The Influence Of Capsule Composition On Lens Biology	\$1,860,670	\$0	\$0
22	2025-08-05-21	University of Delaware	Spectroscopy And Calorimetry Of Atomic Layer Etching (Scale)	\$906,963	\$0	\$0
23	2025-08-05-22	University of Delaware	Mcao Provencal Salary Fy2026	\$0	\$0	\$147,366
24	2025-08-05-23	University of Delaware	Developing Environment-Focused Engineering Student Experiences In Tanzania	\$23,331	\$0	\$0
25	2025-08-05-24	University of Delaware	Analyzing 20 Years Of Landbird Data For The Northern Colorado Plateau I&M Network Of The National Park Service	\$46,808	\$0	\$0
26	2025-08-05-25	University of Delaware	Osteocyte Peri-Lacunar/Canalicular Remodeling in Maternal Bone Adaptation	\$0	\$0	\$715,725
27	2025-08-05-26	University of Delaware	Elucidating Microenvironmental Factors that Drive Breast Cancer Dormancy and Reactivation and Evaluating a New Treatment to Eliminate Dormant Tumor Cells	\$492,123	\$0	\$0
28	2025-08-05-27	University of Delaware	2025-43: Autonomous Control of Chain expression For Multi-Chain Constructs	\$0	\$0	\$126,002
29	2025-08-05-28	University of Delaware	2025-02: A Novel ROS Sensor to Investigate Oxidate Stress in CHO Fed Batch	\$0	\$0	\$108,001
30	2025-08-05-29	University of Delaware	2025-13: Single-cell Lineage Tracing for Discovery of Early Biomarkers of Stable Productivity & Product Quality	\$0	\$0	\$180,001

31	2025-08-05-30	University of Delaware	Using Machine Learning To Understand How Motor and Multi-Symptom Clusters Better Explain Autism Severity and Variability	\$909,809	\$0	\$0
32	2025-08-05-31	University of Delaware	Changes in Postpartum Contraceptive Care for Low-Income and Minoritized Persons after Dobbs: State-Level Policy Impacts	\$0	\$0	\$137,349
33	2025-08-05-32	University of Delaware	Identifying and Evaluating Sensory and Motor System Changes as Biomarkers of Alzheimer's Disease	\$3,152,494	\$0	\$0
34	2025-08-05-33	University of Delaware	High Throughput Data Generation of the Effect of Ligand, Leaving Group, and Solvent on the Efficiency and Stereospecificity of Ni-catalyzed C(sp2)C(sp3) Cross Coupling Reactions	\$0	\$0	\$100,000
35	2025-08-05-34	University of Delaware	Engineering Research Center for Engineering Methods Enabling Reproductive and Gynecological Excellence (EMERGE)	\$0	\$0	\$303,653
36	2025-08-05-35	University of Delaware	RSA Acquisition of Goods and Services	\$13,599	\$0	\$0
37	2025-08-05-36	University of Delaware	Prediction of Protein-Protein Interactions via Computation for Formulation Development	\$0	\$0	\$200,000
38	2025-08-05-37	University of Delaware	Building a Model of the Molecular Interactions of Fertilization	\$1,250,000	\$0	\$0
39	2025-08-05-38	University of Delaware	Sandbridge Highly Migratory Species: Fish Distribution on a Dredged Shoal	\$135,383	\$0	\$0
40	2025-08-05-39	University of Delaware	Introduction to Contemporary English Language Teaching Methods - Fall 2025 instructional services	\$0	\$0	\$39,021
41	2025-08-05-40	University of Delaware	NOAA NWS National Mesonet Program 2021 - Amend 12	\$0	\$0	\$45,321
42	2025-08-05-41	University of Delaware	2025-51: Optimizing Processes with Limited Data: Model Reduction and Smart Experimentation	\$0	\$0	\$180,001
43	2025-08-05-42	University of Delaware	Supporting Performance and Clinical Care in Young Female Athletes	\$0	\$0	\$395,349
44	2025-08-05-43	University of Delaware	NSF Engineering Research Center for Plastics Lifecycle Sustainability, Technology Innovation, and Circularity (PLSTIC)	\$0	\$0	\$377,164
45	2025-08-05-44	University of Delaware	Megawatt Charging System Standard Development	\$0	\$0	\$62,499
46	2025-08-05-45	University of Delaware	Master Research Agreement Amendment 23A	\$0	\$0	\$95,617
47	2025-08-05-46	University of Delaware	Master Research Agreement Amendment 24A	\$0	\$0	\$47,810
48	2025-08-05-47	University of Delaware	Fatigue as a Problem Factor for Self-Care in Adults with Heart Failure: An Exploratory Mixed Methods Study	\$0	\$0	\$4,735
49	2025-08-05-48	University of Delaware	Improving Sexual Wellness in People with SCI and their Partners: Developing the iManage-SCI Sexual Wellness-Partner Module	\$0	\$0	\$269,950

50	2025-08-05-49	University of Delaware	Harvest Christian Academy Literacy Professional Learning and Coaching	\$0	\$0	\$6,176
51	2025-08-05-50	University of Delaware	Career: Multiscale Design Of Granular Hydrogels For Microbial Living Materials	\$501,747	\$0	\$0
52	2025-08-05-51	University of Delaware	Real World Gait Mechanics as a Potential Modifier of Strength Training for Improvements in Pain and Function in Knee Osteoarthritis	\$2,739,584	\$0	\$0
53	2025-08-05-52	University of Delaware	NSF M3X PI Meeting 2026	\$62,467	\$0	\$0
54	2025-08-05-53	University of Delaware	Injury that Accelerates Aging: Long-term Balance Decline from Mild traumatic Brain Injury	\$2,997,484	\$0	\$0
55	2025-08-05-54	University of Delaware	Quantifying the Influence of Pathological Hemodynamics on Blood Brain Barrier Dysfunction and Neuronal Injury	\$2,176,717	\$0	\$0
56	2025-08-05-55	University of Delaware	Centering Blackness in Teacher Educate Institute	\$0	\$0	\$25,000
57	2025-08-05-56	University of Delaware	Nemours Selva Yasemin Kus Suppl	\$0	\$0	\$36,899
58	2025-08-05-57	University of Delaware	Career: Harnessing Colloidal Chemistry Towards Multifunctional P-Type Transparent Semiconductors	\$568,918	\$0	\$0
59	2025-08-05-58	University of Delaware	Career: Boron-Rich Clusters As Basic Elements In Biocompatible 3-Dimensional Star Polymer Material Design	\$559,421	\$0	\$0
60	2025-08-05-59	University of Delaware	PuzzleWalk 2.0: Advancing mobile health to promote brain training and physical activity for building cognitive reserve in adults with Down syndrome	\$0	\$0	\$101,558
61	2025-08-05-60	University of Delaware	TISW Knotted Belly Bind Wearable	\$0	\$0	\$4,200
62	2025-08-05-61	University of Delaware	Are Interventions Supporting Physical Activity modified by the Environment (InSPACE)	\$0	\$0	\$5,625
63	2025-08-05-62	University of Delaware	Do Jugular Compression Collars Prevent TBI?	\$0	\$0	\$499,677
64	2025-08-05-63	University of Delaware	COSMIC : Closed-loop Sensing and Microdosing for Dry Eye and Systemic Disease Management	\$0	\$0	\$58,259
65	2025-08-05-64	University of Delaware	Faculty for the Future Program	\$0	\$0	\$42,610
66	2025-08-05-65	University of Delaware	Career: Enabling Next-Generation Structural Composites Through 3D Fiber Tethering Of Continuous Fiber Thermosets	\$438,759	\$0	\$0
67	2025-08-05-66	University of Delaware	Arthur C. Cope Scholar Recipient	\$0	\$0	\$40,000
68	2025-08-05-67	University of Delaware	Career: Data Enhanced Modelling of Magnetized Turbulence	\$526,910	\$0	\$0

69	2025-08-05-68	University of Delaware	Career: Theoretical Study Of Phono-Magnonics In Van Der Waals Magnets	\$422,974	\$0	\$0
70	2025-08-05-69	University of Delaware	Perceptual Decision-Making as a Controllable Process	\$321,579	\$0	\$0
71	2025-08-05-70	University of Delaware	Magnonics meets Nonequilibrium Quantum Field Theory: Understanding Magnon Damping, Amplification and Optical Excitation via Schwinger-Keldysh Formalism	\$390,965	\$0	\$0
72	2025-08-05-71	University of Delaware	Reinforcement-Learning Phenotypes as Mechanistic Predictors of Transdiagnostic Symptom Severity across Adolescence	\$0	\$0	\$84,800
73	2025-08-05-72	University of Delaware	Spinal Tissue Mechanics in Response to Manual Therapy	\$0	\$0	\$47,693
74	2025-08-05-73	University of Delaware	Doctoral Dissertation Research: Neurolinguistic Preparation for Speech Production	\$11,555	\$0	\$0
75	2025-08-05-74	University of Delaware	Benefits and Harms of Antihypertensive Management Strategies for Nursing Homes Residents with ADRD	\$2,806,514	\$0	\$0
76	2025-08-05-75	University of Delaware	Developing an Early Career Peer Mentoring Program	\$0	\$0	\$50,000
77	2025-08-05-76	University of Delaware	Myths, Misconceptions, and Omissions in the American Narrative: Using Library of Congress Resources to Compose a More Inclusive American Story	\$67,897	\$0	\$0
78	2025-08-05-77	University of Delaware	Postdoctoral Fellowship: OCE-PRF: Plastic Partnerships: Investigating Life History Strategies Constraining Phenotypic Plasticity Across Coral Holobiont Partners	\$245,688	\$0	\$0
79	2025-08-05-78	University of Delaware	Radio America Production of Educational Audio and Video Features for the Center for Economic Educations & Entrepreneurship	\$0	\$0	\$66,536
80	2025-08-05-79	University of Delaware	Sabbatical Grant: Politics in the Mind's Eye	\$0	\$0	\$20,000
81	2025-08-05-80	University of Delaware	Evaluating Self-Exploration as a Novel Rehabilitation Regime to Optimize Ankle-Foot Orthosis Use	\$977,846	\$0	\$0
82	2025-08-05-81	University of Delaware	Career: Excited-State Symmetry Breaking As A Sensitive Tool For Measuring Electric Fields In Solutions And At Interfaces	\$529,205	\$0	\$0
83	2025-08-05-82	University of Delaware	The role of TGFBI in Bone Metastasis Progression	\$0	\$0	\$200,000
84	2025-08-05-83	University of Delaware	Career: Unraveling Cascading Disaster Impacts From The Disruption Of Interdependent And Adaptive Social Roles	\$400,483	\$0	\$0
85	2025-08-05-84	University of Delaware	Career: Optically Active Ensemble Defects In Monolayer Semiconductors For Magnetic Quantum Sensing	\$327,448	\$0	\$0
86	2025-08-05-85	University of Delaware	Career: Magnetically Confined And Uv Promoted Plasma-Water Reactions In Micro/Nanobubble System: Toward Scalable Production Of Plasma-Derived Sanitizers For Food Processing Edit	\$366,625	\$0	\$0
87	2025-08-05-86	University of Delaware	Career: Investigating Phenotypic Fluctuation During Ovarian Follicular Selection	\$516,079	\$0	\$0

88	2025-08-05-87	University of Delaware	NSF Oceanographic Instrumentation CY25	\$14,212	\$0	\$0
89	2025-08-05-88	University of Delaware	Career: Evolution Of Pathogen Host Specificity And Host-Switching	\$733,879	\$0	\$0
90	2025-08-05-89	University of Delaware	Career: A Unified Framework For Understanding The Annual Frequency Of Global Tropical Cyclones	\$403,564	\$0	\$0
91	2025-08-05-90	University of Delaware	Career: Seeing Plants In Their True Light - Robotic Light-Field 3D Hyperspectral Imaging For Accurate In-Field Leaf Phenotyping	\$526,284	\$0	\$0
92	2025-08-05-91	University of Delaware	Collaborative Research: Design, Planning, and Control of Microbot Teams for Cell Manipulation	\$178,782	\$0	\$0
93	2025-08-05-92	University of Delaware	How is Sustainable Cotton Promoted on Social Media? Analyzing YouTube and Identifying the Content Gap on the Social Media Platform	\$0	\$0	\$27,430
94	2025-08-05-93	University of Delaware	STTR Topic A25D-017: Mechanics and Control of Autonomous Legged Robotic Systems in Mud	\$0	\$0	\$44,520
95	2025-08-05-94	University of Delaware	Wave-Current-Vegetation Interactions in Coastal Ecosystems¿A Novel Insight into Sediment and Nutrient Transport for Implications of Coastal Sustainability	\$0	\$0	\$70,240
96	2025-08-05-95	University of Delaware	Career: Modeling Emergent Long-Term Change From Momentary Dynamics	\$753,758	\$0	\$0
97	2025-08-05-96	University of Delaware	Career: Multi-Length Scale Patterning In Switchable Friction For Rendering New Textures In Surface Haptics	\$441,721	\$0	\$0
98	2025-08-05-97	University of Delaware	Career: Empowering Reflective News Consumption Through Personal Informatics And Language Model¿Driven Interventions	\$422,351	\$0	\$0
99	2025-08-05-98	University of Delaware	A Hydrogel-Based Cellular Model of the Human Vocal Fold	\$3,060,701	\$0	\$0
100	2025-08-05-99	University of Delaware	HHS Core FY 26 Supplemental	\$7,018	\$0	\$0
101	2025-08-05-100	University of Delaware	Career: Smart Storms, Shared Benefits: Advancing A Participatory Socio-Hydrologic Framework For Decentralized Stormwater Management	\$457,093	\$0	\$0
102	2025-08-05-101	University of Delaware	Career: Does Seasonal Amplification Reshape The Western Arctic Ocean As A Stronger Co2 Sink? A Hybrid Machine Learning And Process-Based Modeling Investigation	\$552,953	\$0	\$0
103	2025-08-05-102	University of Delaware	Career: Novel Hydrodynamic Bio-Inspired Propulsion Using Swimmer Morphology	\$455,476	\$0	\$0
104	2025-08-05-103	University of Delaware	Examining Geographic Barriers to Activity after Total Knee Replacement	\$0	\$0	\$1,000
105	2025-08-05-104	University of Delaware	The Role of Sex and Hormonal Fluctuations on Tendon Health in Achilles Tendinopathy	\$0	\$0	\$1,000
106	2025-08-05-105	University of Delaware	CRDS Service Agreement with Town of Bowers	\$0	\$0	\$19,794



107	2025-08-05-106	University of Delaware	Examining Therapeutic Change Mechanisms in an Affect Regulation, Father-Focused Intervention for Reducing Family Violence and Associated Symptoms in Children	\$0	\$0	\$11,196
108	2025-08-05-107	University of Delaware	Enhancing Immunotherapy of Mesothelin-Positive Acute Myeloid Leukemia Using Dual-Targeted Nanoparticles	\$0	\$0	\$130,192
109	2025-08-05-108	University of Delaware	Research Infrastructure: Smart Breeding Consortium--AI, Robotics & Data-Driven Platforms for Alabama Agriculture and Forestry	\$0	\$0	\$536,563
110	2025-08-05-109	University of Delaware	Comparing Two Treatments to Reduce Type 2 Diabetes Risk in Adults with Prediabetes	\$0	\$0	\$4,416,565
111	2025-08-05-110	University of Delaware	Sussex County Funding for FY26	\$0	\$0	\$109,049
112	2025-08-05-111	University of Delaware	Muscle Activation and Latency as Mechanisms for Age-Related Changes in Biomechanics	\$110,782	\$0	\$0
113	2025-08-05-112	University of Delaware	Josiah Macy Jr Foundation Faculty Scholars Program in Climate and Health	\$0	\$0	\$249,924
114	2025-08-05-113	University of Delaware	Human Discernment of AI-Generated Information	\$0	\$0	\$50,106
115	2025-08-05-114	University of Delaware	Engineering Precision Lymph Node Drug Delivery for Enhanced Immunotherapy	\$0	\$0	\$130,000
116	2025-08-05-115	University of Delaware	Novel Tools to Characterize OGT-XLID	\$0	\$0	\$82,407
117	2025-08-05-116	University of Delaware	Cell wall-derived PET radiotracers for specific imaging of bacteria in prosthetic joint infections	\$0	\$0	\$550,000
118	2025-08-04-01	Delaware State University	Promoting Resiliency in Farming Incorporating AI Driven Solutions and Farmer's Mental Health Conditions	\$140,572	\$0	\$0
119	2025-08-04-02	Delaware State University	Critical Sectors Job Quality Tier 1 Planning Grant	\$15,000	\$0	\$0
120	2025-08-04-03	Delaware State University	SuperMicro 8 x NVIDIA H200 NVL GPU High-Performance Computing Server for DSU's DNA & Data Science Core	\$249,999	\$0	\$18,701
121	2025-08-04-04	Delaware State University	Glandular Trichomes-Based Biomanufacturing of Artemisinin from Bioengineered and Wild-Type Embryogenic Suspensions and Calluses	\$355,475	\$0	\$0
122	2025-07-03-79	City of Milford	10th Street Intersection	\$3,179,583	\$0	\$0
123	2025-07-03-80	Dover Kent County Metropolitan Planning Organization	US-13 Safety Study	\$400,000	\$0	\$0
124	2025-07-15-01	Child, Inc.	Basic Center Grant	\$757,437	\$0	\$0
125	2025-07-22-01	Brandywine Counseling and Community Services, Inc.	HEP-C Free	\$5,000,000	\$0	\$0

126	2025-07-25-01	WestEd	Center for IDEA Fiscal Reporting at WestEd	\$20,700,000	\$0	\$0
127	2025-07-28-01	Milford Advocacy for the Homeless	Equipment for Haven of Hope	\$13,000	\$0	\$0
128	2025-07-29-01	Child, Inc.	CHILD, Inc. Domestic Violence Community Health Workers Project	\$500,000	\$0	\$0

Created 8/6/2025

**Delaware State Clearinghouse Committee**  
**September Agenda**  
Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
September 23, 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>
<b>New Business*</b>									
1	6810	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	White Clay Creek Nature Center	\$4,644,466	\$4,644,466	\$0	0.00	0.00	0.00
2	6848	Department of Safety and Homeland Security, State Police	Community Oriented Policing Service - Safer Outcomes	\$425,446	\$0	\$0	0.00	0.00	0.00
3	6892	Department of Labor, Employment and Training Services	Workforce Longitudinal Administrative Database	\$2,138,978	\$0	\$0	0.25	0.00	0.00
4	6894	Caesar Rodney School District	Impact Aid Program	\$56,182	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	6901	Executive, Criminal Justice, Criminal Justice Council	Family Violence Prevention and Services Act	\$943,654	\$11,859	\$224,118	0.45	0.09	0.00
2	6541 Amendment	Executive, Office of Management and Budget, Food Distribution	State Administrative Expense Funds (FY25)	\$110,574	\$0	\$0	0.00	0.00	0.00
3	6915	Executive, Office of Management and Budget, Food Distribution	State Administrative Expense Funds	\$213,091	\$0	\$0	0.60	0.00	0.00
4	6916	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program	\$223,121	\$221,516	\$0	1.40	2.60	0.00
5	6917	Executive, Office of Management and Budget, Food Distribution	Commodity Supplemental Food Program	\$130,903	\$0	\$0	0.00	0.00	0.00
6	6823	Legal, Department of Justice	Medicaid Fraud Control Unit	\$2,551,485	\$850,495	\$0	14.25	4.75	0.00
7	6868	Legal, Department of Justice	High Intensity Drug Trafficking Areas Program	\$80,000	\$0	\$0	0.00	0.00	0.00
8	6740 Amendment	Department of State, Libraries	Library Services and Technology Act	\$697,556	\$359,347	\$0	7.00	4.05	0.00
9	6889	Department of State, Historical and Cultural Affairs, Office of the Director	Historic Preservation Grant-in-Aid	\$668,277	\$400,966	\$44,552	5.40	3.50	0.00
10	6405 Amendment	Department of Health and Social Services, Public Health, Community Health	Special Supplement Nutrition Program for Women, Infants, and Children	\$4,018,203	\$0	\$0	0.00	0.00	0.00
11	6689	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration	Innovations in Nutrition Program and Services	\$149,544	\$49,848	\$0	0.00	0.00	0.00
12	6758	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant	\$2,119,808	\$0	\$0	1.30	0.00	0.00
13	6760	Department of Health and Social Services, Substance Abuse and Mental Health	Substance Use Prevention, Treatment and Recovery Services	\$7,528,736	\$0	\$0	3.90	0.00	0.00
14	6845	Department of Health and Social Services, Social Services, State Service Centers	AmeriCorps State Formula Fixed Amount	\$1,286,964	\$0	\$0	0.00	0.00	0.00
15	6858	Department of Health and Social Services, Visually Impaired Services	Vocational Rehabilitation- Blind (Basic Support)	\$1,650,247	\$456,500	\$0	16.00	1.42	0.00
16	6859	Department of Health and Social Services, Visually Impaired Services	Supported Employment Services – A	\$21,000	\$0	\$0	0.00	0.00	0.00
17	6860	Department of Health and Social Services, Visually Impaired Services	Supported Employment Services – B	\$21,000	\$2,333	\$0	0.00	0.00	0.00

\*New Business requires the attendance of the Contact person.  
Available online at <https://budget.delaware.gov/clearinghouse/abm.shtml>

18	6861	Department of Health and Social Services, Visually Impaired Services	Independent Living Services for Older Blind Individuals	\$225,000	\$266,487	\$0	1.75	3.00	0.00
19	6867	Department of Health and Social Services, State Service Centers	Community Services Block Grant	\$4,215,971	\$120,059	\$0	2.52	1.48	0.00
20	6821	Department of Health and Social Services, Public Health, Community Health	Maternal and Child Health Services	\$2,123,731	\$13,881,606	\$0	13.35	38.00	0.00
21	6836	Department of Health and Social Services, Public Health, Community Health	State Lead-Based Paint Program	\$342,130	\$0	\$0	1.50	0.00	0.00
22	6920	Department of Health and Social Services, Public Health, Community Health	Pediatric Mental Health Care Access Program	\$1,557,031	\$315,406	\$0	0.00	0.00	0.00
23	6826	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 1 - Child Welfare Services	\$835,669	\$279,392	\$0	3.00	0.00	0.00
24	6891	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Secretary	Title IV-E Foster Care	\$6,872,055	\$6,997,055	\$0	0.00	0.00	0.00
25	6893	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Adoption Assistance	\$5,320,915	\$5,320,915	\$0	0.00	0.00	0.00
26	6726 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal and Energy	State Energy Program	\$244,886	\$0	\$0	-1.00	0.00	0.00
27	6818	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund - IIJA	\$10,935,000	\$2,187,000	\$0	0.00	0.00	0.00
28	6837	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Technical Assistance for Non-Tidal Fisheries	\$239,910	\$79,970	\$0	0.34	0.16	0.00
29	6843	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Beaches Environmental Assessment and Coastal Health Act	\$210,000	\$0	\$0	0.00	0.00	0.00
30	6844	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Amphibian and Reptile Monitoring and Protection	\$789,620	\$425,180	\$0	0.00	0.06	0.00
31	6865	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Raptor, Grassland, and Forest Bird Conservation	\$885,465	\$295,155	\$0	0.00	0.06	0.00
32	2025-06-27-01	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Radiological Emergency Preparedness Program	\$0	\$0	\$1,499,079	0.00	0.00	10.70
33	6847	Department of Safety and Homeland Security, State Police	Community Oriented Policing Service - Anti-Heroin Task Force Program	\$780,938	\$0	\$0	0.00	0.00	0.00
34	6849	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 154 Sanction Grant - IIJA	\$1,457,853	\$0	\$0	0.00	0.00	0.00
35	6850	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(h) Preventing Roadside Deaths Safety Incentive Grant - IIJA	\$44,928	\$0	\$0	0.00	0.00	0.00
36	6851	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(g) Non-Motorized Incentive Grant - IIJA	\$265,081	\$0	\$0	0.00	0.00	0.00
37	6852	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(f) Motorcycle Safety Grant - IIJA	\$47,693	\$0	\$0	0.00	0.00	0.00
38	6853	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(e) Distracted Driving Grant - IIJA	\$257,053	\$0	\$0	0.00	0.00	0.00
39	6854	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(d) Impaired Driving Countermeasures Grant - IIJA	\$1,584,327	\$0	\$0	1.00	0.00	0.00
40	6855	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(c) Traffic Safety Information System Improvements Grant - IIJA	\$412,777	\$0	\$0	1.00	0.00	0.00
41	6856	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(b) Occupant Protection Incentive Grant - IIJA	\$384,472	\$0	\$0	1.00	0.00	0.00
42	6857	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 402 Planning and Administration Grant - IIJA	\$2,867,025	\$261,831	\$0	5.00	2.00	0.00
43	6873	Department of Safety and Homeland Security, Office of the Secretary, Developmental Disabilities Council	Developmental Disabilities Council	\$526,312	\$129,200	\$80,000	3.00	1.00	0.00

44	6876	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Hazard Materials Emergency Planning	\$567,019	\$141,755	\$0	0.10	0.54	0.00
45	6846	Department of Transportation, Division of Motor Vehicles	Commercial Driver's License Program Implementation	\$1,744,197	\$0	\$0	0.00	0.00	0.00
46	6794	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	\$574,894	\$0	\$0	6.50	0.00	0.00
47	6838	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Vocational Rehabilitation Services	\$12,076,795	\$3,315,477	\$0	76.50	0.00	0.00
48	6839	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Supported Employment Services	\$258,000	\$38,100	\$0	0.00	0.00	0.00
49	6842	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Independent Living Services	\$348,060	\$38,673	\$0	1.00	0.00	0.00
50	6864	Department of Labor, Vocational Rehabilitation, Disability Determination Services	Disability Determination Service	\$8,783,562	\$0	\$0	53.00	0.00	0.00
51	6872	Department of Labor, Employment and Training, Employment and Training Services	Work Opportunity Tax Credit	\$43,879	\$0	\$0	1.00	0.00	0.00
52	6886	Department of Labor, Industrial Affairs, Anti-Discrimination	Equal Employment Opportunity Commission	\$373,500	\$0	\$0	3.00	0.00	0.00
53	6887	Department of Labor, Employment and Training, Employment and Training Services	State Apprenticeship Expansion	\$418,450	\$0	\$0	0.51	0.00	0.00
54	6888	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health - Statistics	\$85,000	\$85,000	\$0	1.00	1.00	0.00
55	6902	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health - Consultation	\$581,000	\$64,222	\$0	5.50	0.50	0.00
56	6863	Department of Agriculture, Administration	Specialty Crop Block Grant	\$340,000	\$0	\$0	0.00	0.00	0.00
57	6803	Delaware National Guard	Air Guard Operations and Maintenance Agreement	\$7,856,396	\$707,553	\$0	44.00	4.00	0.00
58	6804	Delaware National Guard	Army National Guard Environmental Resource Management Agreement	\$721,634	\$0	\$0	4.00	0.00	0.00
59	6805	Delaware National Guard	Air National Guard Security Guard Agreement	\$2,569,700	\$0	\$0	25.00	0.00	0.00
60	6806	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	\$18,955,784	\$6,559,037	\$0	25.50	10.50	0.00
61	6866	Department of Education, Operations Support	Lead Testing in School and Child Care Program	\$142,000	\$0	\$0	0.00	0.00	0.00

#### Higher Education

1	2025-08-29-01	University of Delaware	Active Dynamic Adjustment of Pathways in Real-Time (ADAPT) to Coopt Existing Biomanufacturing Capacity for Department of Defense Critical Molecules	\$0	\$0	\$60,000			
2	2025-08-29-02	University of Delaware	Collaborative Research: NRI: INT: Cooperative Underwater Structure Inspection and Mapping	\$19,117	\$0	\$0			
3	2025-08-29-03	University of Delaware	Detailed Cell Mechanical Analysis - Temperature Effect	\$0	\$0	\$32,694			
4	2025-08-29-04	University of Delaware	Master Research Agreement	\$0	\$0	\$48,161			
5	2025-08-29-05	University of Delaware	RED WAGON FOUNDATION - Debris-Free Waters, Thriving Communities: The Delaware Derelict Crab Pot Removal and Prevention Program	\$0	\$0	\$111,951			
6	2025-08-29-06	University of Delaware	Advanced Interface Design via Interpenetrating Polymer Network Engineering for High Performance Continuous Fiber Printing	\$0	\$0	\$37,500			
7	2025-08-29-07	University of Delaware	Cognitive and Neural Representations of Visual Scenes	\$442,945	\$0	\$0			

8	2025-08-29-08	University of Delaware	Alternating-Potential Electrosynthesis Flow Reactors for Carboxylic Acid Coupling	\$197,054	\$0	\$0
9	2025-08-29-09	University of Delaware	Acquisition of Goods and Services	\$14,545	\$0	\$0
10	2025-08-29-10	University of Delaware	Characterization of Eye Pathology Associated with the Understudied Protein TDRD7 Linked to a Human Syndrome	\$100,000	\$0	\$0
11	2025-08-29-11	University of Delaware	Diagnostic Services Per Task Orders Related to IDIQ FAD	\$2,000	\$0	\$0
12	2025-08-29-12	University of Delaware	Comparing Osteoarthritic Knee Structure-Function Outcomes Between Two Mouse Injury Models	\$167,353	\$0	\$0
13	2025-08-29-13	University of Delaware	Search and Documentation In the Marshall Islands 25-1MH	\$0	\$0	\$279,652
14	2025-08-29-14	University of Delaware	Evaluation of The Degradation of Reconfigurable Photonic Integrated Circuits in Space Microgravity and Radiation Environments	\$95,238	\$0	\$0
15	2025-08-29-15	University of Delaware	High Throughput Osteoarthritis Drug Screening Using Click Chemistry	\$110,475	\$0	\$0
16	2025-08-29-16	University of Delaware	Investigating the Role of miR-27a-3p in the WNT Signaling Pathway and Chemoresistance in Colorectal Cancer Stem Cells	\$107,252	\$0	\$0
17	2025-08-29-17	University of Delaware	Tuning the RNA Cargo in MSC-Derived Extracellular Vesicles via Mechanochemical Priming - Implication for Vocal Fold Repair	\$160,878	\$0	\$0
18	2025-08-29-18	University of Delaware	Supplement to Relaxation, Intermittency and Dissipation in Collisionless Plasma	\$127,260	\$0	\$0
19	2025-08-29-19	University of Delaware	Unlocking High-Volume Manufacturing of Advanced Composite UAS Parts	\$0	\$0	\$19,375
20	2025-08-29-20	University of Delaware	Subcellular Transport of RNAs During Mitosis	\$160,878	\$0	\$0
21	2025-08-29-21	University of Delaware	The C. Elegans Nucleosome Remodeler NURF-1 is Required for Gamete Quality	\$160,878	\$0	\$0
22	2025-08-29-22	University of Delaware	Supporting Quality Use of Research Evidence Across Contexts	\$0	\$0	\$43,478
23	2025-08-29-23	University of Delaware	QLCI: Q-SEnSE: Quantum Systems Through Entangled Science and Engineering	\$0	\$0	\$610,890
24	2025-08-29-24	University of Delaware	Box Tree Moth Phenology in Delaware Landscapes	\$20,818	\$0	\$0
25	2025-08-29-25	University of Delaware	Biomolecular Interaction Technologies Fiscal Year 2026	\$0	\$0	\$14,200
26	2025-08-29-26	University of Delaware	III: Small: Theoretical Foundations of Hypergraph Learning: Expressiveness and Sample Complexity	\$382,509	\$0	\$0
27	2025-08-29-27	University of Delaware	Collaborative Research: RAPID: Study of the April 2025 Eruption at 9 50 N EPR: Fluid Pathways, Crustal Permeability, and Plume Evolution	\$6,235	\$0	\$0
28	2025-08-29-28	University of Delaware	Application of a Low-Cost, Automated Habitat Mapping System to the Hudson River	\$0	\$0	\$227,547
29	2025-08-29-29	University of Delaware	Host a NOAA Ocean Exploration Exploring the Deep Ocean with NOAA Professional Development Workshop	\$0	\$0	\$5,529
30	2025-08-29-30	University of Delaware	AI-Driven Design and Rapid Manufacturing of Crash-Resistant Unibody Drone Frames for Air Force and Dual-Use Applications	\$0	\$0	\$21,875
31	2025-08-29-31	University of Delaware	Mechanisms of Neural Crest Development and Craniofacial Disorders	\$2,276,281	\$0	\$0
32	2025-08-29-32	University of Delaware	Obesity Induced Endothelial Dysfunction via a CD36/Glycocalyx/Kir2.1 Axis	\$110,782	\$0	\$0
33	2025-08-29-33	University of Delaware	Neural Mechanisms of Speech Motor Inhibition in Stuttering	\$110,782	\$0	\$0

34	2025-08-29-34	University of Delaware	UD 4-H ALA Mini Grant	\$0	\$0	\$20,000
35	2025-08-29-35	University of Delaware	Differential Effects of Live Versus Heat-Inactivated Probiotics on Embryonic and Fetal Development in Chicken Embryo and Translational Mouse Models of Gestational Diabetes Mellitus	\$2,375,000	\$0	\$0
36	2025-08-29-36	University of Delaware	UnMES Demonstration of Munitions Migration and Burial at Munitions Response Sites	\$2,489,022	\$0	\$0
37	2025-08-29-37	University of Delaware	Using Longitudinal Research to Engage Youth in the HIV Prevention and Care Continua and Reduce HIV/AIDS-Related Disparities	\$0	\$0	\$36,363
38	2025-08-29-38	University of Delaware	Impact of Pregnancy Outcomes on Daily Stress and Implications For Vascular Aging	\$241,008	\$0	\$0
39	2025-08-29-39	University of Delaware	Membrane-Modified Lipid Nanoparticles for Targeted Ribonucleic Acid Delivery	\$275,000	\$0	\$0
40	2025-08-29-40	University of Delaware	Maximizing Partnerships to Expand Postsecondary Education Opportunities in Delaware	\$2,314,819	\$0	\$0
41	2025-08-29-41	University of Delaware	Predictive Turbulent Mix Model for Magnetized ICF Implosions	\$0	\$0	\$150,068
42	2025-08-29-42	University of Delaware	Collaborative Research: Unraveling Submesoscale, Langmuir Turbulence, and Internal Wave Dynamics in Shallow Coastal River Plumes	\$326,442	\$0	\$0
43	2025-08-29-43	University of Delaware	Casting Beyond Your Comfort Zone: A Multifaceted, Multiaudience Approach to Increasing Fishing in Delaware	\$468,886	\$0	\$0
44	2025-08-29-44	University of Delaware	Controls on Remote Pacific Ocean Aerosol Iron Solubility:The Importance of Aerosol Source and Organic Aerosol Composition	\$627,411	\$0	\$0
45	2025-08-29-45	University of Delaware	Computational Modeling of Droplet Transport on Textured and Liquid-Infused Fibers: Enabling Rational Design of Fiber Materials for Filtration and Separation Applications	\$301,821	\$0	\$0
46	2025-08-29-46	University of Delaware	Novel Neuroimmune Modulatory Biomaterials for the Treatment of Various Neonatal Brain Injuries	\$0	\$0	\$2,033,885
47	2025-08-29-47	University of Delaware	Collaborative Research: ZOOQUAL - Fine-Scale Spatial Dynamics of Zooplankton Nutritional Quality and its Influence on Predator Foraging in the Gulf of Maine	\$190,679	\$0	\$0
48	2025-08-29-48	University of Delaware	VINES: Track1: iCabNet: Next-generation Wireless Network for Smart Vehicle Cabin	\$215,505	\$0	\$0
49	2025-08-29-49	University of Delaware	Blood Pressure Regulation in Women Using a Hormonal Intrauterine Device	\$0	\$0	\$70,676
50	2025-08-29-50	University of Delaware	Comprehensive Operational Analysis and Simulation Tool for eXtreme Events (COAST-X): A Semi-Operational Coastal Modelling System for Comprehensive Flood Risk Management During Extreme Weather Events	\$723,753	\$0	\$0
51	2025-08-29-51	University of Delaware	What Was Lost? SNAP-Ed Efforts in Early Care and Education Settings	\$0	\$0	\$6,956
52	2025-08-29-52	University of Delaware	Continued Integrated Approaches to Manage Phytophthora Fruit Rot of Watermelon Caused by Phytophthora capsici	\$0	\$0	\$19,278
53	2025-08-29-53	University of Delaware	MURI: Engineering Biological Systems That Cleave C-C Bonds in Performance-Stable Polymer Backbones	\$0	\$0	\$753,450
54	2025-08-29-54	University of Delaware	REU Site: Dare to BE FIRST - Biomechanical Engineering Foundations in Impactful Research, Science & Technology	\$381,307	\$0	\$0
55	2025-08-29-55	University of Delaware	Collaborative Research: Prognostics of Degradation Modes for Closed-Loop Manufacturing Process Optimization of Electrochemical Systems	\$111,239	\$0	\$0
56	2025-08-29-56	University of Delaware	De Nora AEM Electrolyzer Testing Project	\$0	\$0	\$15,455
57	2025-08-29-57	University of Delaware	Investigating the Influence of Microplastics on Protein Structure in Parkinson's Disease	\$0	\$0	\$276,016
58	2025-08-29-58	University of Delaware	MURI SMART: Space-Time Metamaterials with Active and Reconfigurable Time Modulation	\$0	\$0	\$810,008
59	2025-08-29-59	University of Delaware	MURI: Curved Propagation of Spatiotemporally Structured Electromagnetic Fields	\$0	\$0	\$780,991

60	2025-08-29-60	University of Delaware	Addressing Lima Bean Diseases Through Cultivar Resistance And No-Till Planting	\$197,451	\$0	\$0
61	2025-08-29-61	University of Delaware	Impact of Pregnancy Outcomes on Daily Stress and Implications for Vascular Aging	\$0	\$0	\$159,160
62	2025-08-29-62	University of Delaware	VINES: Track 1: Enabling Cell-Free MIMO Wireless Networks with RF-Photonics: A Unified Platform for Communication and Sensing	\$895,656	\$0	\$0
63	2025-08-29-63	University of Delaware	DIEEC NEW DIRECTIONS EARLY HEAD START SUPPLEMENTAL NUTRITION AND HEALTHY EATING	\$75,009	\$0	\$0
64	2025-08-29-64	University of Delaware	FCC NDBEDP National Deaf-Blind Equipment Distribution Program	\$60,197	\$0	\$0
65	2025-08-29-65	University of Delaware	The Role of Proprioception, Motor Function and Working Memory on Complex Movements After Stroke	\$0	\$0	\$70,676
66	2025-08-29-66	University of Delaware	Discovering and Protecting Mediterranean White Sharks	\$0	\$0	\$45,282
67	2025-08-29-67	University of Delaware	Advancing Hand-Held Laser Induced Breakdown Spectroscopy (LIBS) for Determining Provenance and Identity of Traded and Trafficked Timber	\$357,724	\$0	\$0
68	2025-08-29-68	University of Delaware	Glucose Variability and Vascular Function	\$0	\$0	\$70,676
69	2021-12-04-10 Amendment	Delaware State University	A1 Emerging Technologies in Agriculture	\$28,117	\$0	\$0
70	2021-11-06-01 Amendment	Delaware State University	IHER PILOT: Promoting Non - Violent Behaviors Among Youth in Underserved Communities: A Community Driven, Evidenced Based Approach	\$100,000	\$0	\$0
71	2025-09-05-01	Delaware State University	INBRE V (Federal)	\$2,887,118	\$0	\$0
72	2025-09-05-02	Delaware State University	Acquisition of Goods and Services	\$41,800	\$0	\$0
73	2021-11-06-01 Amendment	Delaware State University	Characterizing Respiratory Failure in Spinal Muscular Atrophy (IHER Pilot-Lawal)	\$48,170	\$0	\$0
74	2025-09-05-03	Delaware State University	UCLA-MSI Strengthening Partnerships for Innovative Neuroscience Experiences (UM-SPINE)	\$40,956	\$0	\$0
75	2025-09-05-04	Delaware State University	1890 HBCUs Efforts To Promote the Use of Plastic Mulch and Intercropping System to Improve Soil Health and Crop Production in Nigeria	\$100,000	\$0	\$0
76	2025-09-05-05	Delaware State University	Federal Work Study (FWS)	\$286,916	\$0	\$0
77	2025-09-05-06	Delaware State University	Promoting Resiliency in Farming Incorporating AI Driven Solutions and Farmers' Mental Health Considerations	\$140,572	\$0	\$0

Created 9/9/2025



**Delaware State Clearinghouse Committee**  
**Revised October Agenda**  
**Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901**  
**October 21, 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>
<b>New Business*</b>									
1	6924	Department of Health and Social Services, Division of Substance Abuse and Mental Health, Substance Abuse	Substance Abuse and Mental Health Projects of Regional and National Significance	\$1,983,372	\$0	\$0	0.00	0.00	0.00
2	5402 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement – Preliminary Assessment/Site Inspection – Switch Fund	\$463,727	\$0	\$0	0.90	0.00	0.00
3	6909	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Atlantic Flyway Cooperative Research	\$164,802	\$41,122	\$13,812	0.00	0.00	0.00
4	6913	Department of Transportation, Office of the Secretary, Finance Division	Section 5307 Operating Assistance - Kent County	\$3,583,179	\$0	\$3,583,179	0.00	0.00	0.00
5	6871	Delaware National Guard	Dagsboro Readiness Center (MILCON)	\$8,144,150	\$2,716,050	\$0	0.00	0.00	0.00
6	2025-08-22-01	Caesar Rodney School District	Vulcan Equipment Grant - School Nutrition Foundation	\$0	\$0	\$51,669	0.00	0.00	0.00
<b>Continued</b>									
1	2025-08-14-01	Executive, Delaware State Housing Authority	Recovery Housing Program	\$1,430,099	\$0	\$0	0.33	0.00	0.00
2	6879	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/ Community Services	Title III, Part C-2 – Home Delivered Meals	\$1,862,594	\$465,649	\$0	0.00	0.00	0.00
3	6880	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/ Community Services	Title III Disease Prevention and Health Promotion Services	\$130,378	\$0	\$0	0.00	0.00	0.00
4	6882	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/ Community Services	Title III, Part E – National Family Caregivers Support	\$960,345	\$240,086	\$0	4.00	0.00	0.00
5	6883	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/ Community Services	Title VII Ombudsman Activity	\$108,331	\$0	\$0	0.00	0.00	0.00
6	6884	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/ Community Services	Title VII Elder Abuse Prevention	\$23,626	\$0	\$0	0.00	0.00	0.00
7	6885	Department of Health and Social Services, Services for Aging & Adults with Physical Disabilities, Administration/Community Services	Nutrition Services Incentive Plan	\$291,898	\$0	\$0	0.00	0.00	0.00
8	6923	Department of Health and Social Services, Division of Substance Abuse and Mental Health, Community Mental Health	Center for Mental Health Block Grant	\$167,611	\$0	\$0	0.00	0.00	0.00
9	6874	Department of Health and Social Services, Division of Services for Aging and Adults with Physical Disabilities	Adult Protective Services Omnibus Formula Grants to States	\$102,420	\$0	\$0	0.00	0.00	0.00
10	6877	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III B Supportive Services	\$2,029,499	\$1,177,248	\$0	11.75	13.25	0.00
11	6878	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III C-1 Congregate Meals	\$2,764,181	\$1,306,661	\$0	3.25	5.75	0.00
12	6942	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Medicaid (FY25)	\$1,731,722	\$702,091	\$0	7.00	5.00	0.00
13	6943	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare & Medicaid Services Survey and Certification – Hospice (FY25)	\$21,529	\$0	\$0	0.06	0.00	0.00
14	6944	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Long Term Care (FY25)	\$1,168,301	\$0	\$0	8.00	0.00	0.00

\*New Business requires the attendance of the contact person.  
Available online at <https://budget.delaware.gov/clearinghouse/abm.shtml>

15	6945	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Long Term Care	\$1,168,301	\$0	\$0	8.00	0.00	0.00
16	6946	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare & Medicaid Services Survey and Certification – Hospice	\$21,529	\$0	\$0	0.06	0.00	0.00
17	6947	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Medicaid	\$1,731,722	\$702,091	\$0	7.00	5.00	0.00
18	6862	Department of Health and Social Services, State Service Centers	Access and Visitation Program	\$100,000	\$0	\$0	0.00	0.00	0.00
19	5579 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Aquatic Resources Education Program	\$575,355	\$191,785	\$0	1.35	0.65	0.00
20	6827	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund Emerging Contaminants -IJA	\$7,857,000	\$0	\$0	1.50	0.00	0.00
21	6828	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund Supplemental - IJA	\$24,898,000	\$4,979,600	\$0	28.50	0.00	0.00
22	6904	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	National Dam Safety Program	\$53,297	\$0	\$0	0.00	0.00	0.00
23	6907	Department of Natural Resources and Environmental Control, Watershed Stewardship	Community Assistance Program	\$135,892	\$33,976	\$0	0.80	0.20	0.00
24	6908	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Port Security Program	\$212,947	\$28,750	\$0	0.30	0.00	0.00
25	6912	Department of Natural Resources and Environmental Control, Fish and Wildlife	Joint Enforcement Agreement	\$238,000	\$714	\$0	0.89	0.00	0.00
26	6914	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Air Pollution Control	\$4,008,240	\$2,731,542	\$0	8.70	4.20	0.00
27	6918	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Recreational Boating Safety Financial Assistance	\$1,221,397	\$1,221,397	\$0	6.05	8.05	0.00
28	6911	Department of Safety and Homeland Security, State Police, Criminal Investigation	Port Security Grant Program	\$560,119	\$148,372	\$0	0.00	0.00	0.00
29	6921	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Emergency Management Performance Grant	\$2,983,042	\$1,704,880	\$1,278,162	15.55	12.70	11.70
30	6925	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Non-Profit Security Grant Program	\$1,890,000	\$0	\$0	0.75	0.00	0.00
31	6926	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Homeland Security Grant Program	\$4,362,750	\$0	\$0	3.75	0.00	0.00
32	6928	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	State and Local Cybersecurity Grant Program - IJA	\$1,108,818	\$147,842	\$591,370	0.50	0.50	0.00
33	6905	Department of Transportation, Planning	Delaware Aviation System Planning	\$142,650	\$15,849	\$0	0.00	0.00	0.00
34	6922	Department of Labor, Unemployment Insurance	Reemployment and Eligibility Assessment	\$861,638	\$0	\$0	8.50	0.00	0.00
35	6392 Amendment	Department of Education, Student Support	Child and Adult Care Food Program	\$173,479	\$0	\$0	0.00	0.00	0.00
36	6397 Amendment	Department of Education, Student Support	Summer Food Service Program - State Administrative Funds	\$44,824	\$0	\$0	0.15	0.00	0.00
37	6398 Amendment	Department of Education, Student Support	Child Nutrition Program - State Administrative Expense	\$401,540	\$0	\$0	3.95	2.50	0.00
38	6906	Colonial School District	Return to Learn Program	\$714,656	\$0	\$0	1.00	0.00	0.00

39	6872	Department of Labor, Employment and Training, Employment and Training Services	Work Opportunity Tax Credit - Restated	\$116,492	\$0	\$0	1.00	0.00	0.00
40	6929	Department of Health and Social Services, Public Health, Community Health	Special Supplement Nutrition Program for Women, Infants and Children - Food	\$10,096,398	\$5,728,824	\$0	0.00	0.00	0.00
41	6930	Department of Health and Social Services, Public Health, Community Health	Special Supplement Nutrition Program for Women, Infants and Children - Administration	\$6,717,747	\$0	\$0	51.00	0.00	0.00
<b>Higher Education</b>									
1	2025-10-04-01	University of Delaware	Genome Enabled Strategies for Mitigating Blossom-End Rot and Enhancing Economic Resilience in the US Tomato Industry	\$0	\$0	\$269,079			
2	2025-10-04-02	University of Delaware	CONTACT 2 - Cost-Effective Management and Scientific Challenges of Risks Associated with Implementation of Produce Safety Programs	\$0	\$0	\$585,349			
3	2025-10-04-03	University of Delaware	Collaborative Research: Modeling Cell Size Control and Multiple Fission Cell Cycle Architecture in the Unicellular Alga Chlamydomonas	\$221,097	\$0	\$0			
4	2025-10-04-04	University of Delaware	Machine Learning-Enhanced Molecular Dynamics for Predictive LiNbO/SiO Wafer Bonding	\$176,605	\$0	\$0			
5	2025-10-04-05	University of Delaware	Marketing Options for Producers and Agribusiness in the Southeast: Social-Affinity Labels and Distant Markets	\$0	\$0	\$37,794			
6	2025-10-04-06	University of Delaware	Digital Twin-Based Process Monitoring, In-Situ Defect Detection, and Real-Time Process Adjustment Solution for Automated Fiber Placement (AFP) Process	\$0	\$0	\$54,554			
7	2025-10-04-07	University of Delaware	Collaborative Research: Improving Public Access to Research Data Through a Novel Collaboration Between the Libraries and Research Offices at two Delaware EPSCoR Institutions	\$857,353	\$0	\$0			
8	2025-10-04-08	University of Delaware	Service Agreement with Zinpro Corporation to Perform Vivo Research	\$0	\$0	\$35,204			
9	2025-10-04-09	University of Delaware	Collaborative Research: Ocean Bottom Boundary Layer Observations for Improved Semi-Enclosed Basin Forecasting	\$1,845,952	\$0	\$0			
10	2025-10-04-10	University of Delaware	Developing a Predictive Framework for Electric Sensing of Soil Microbiome Health and Dysbiosis	\$0	\$0	\$199,990			
11	2025-10-04-11	University of Delaware	A Fire Risk Assessment for Eastern US Forests Using the FRAME Network	\$25,000	\$0	\$0			
12	2025-10-04-12	University of Delaware	Marketing Options for Producers and Agribusiness in the Southeast: Social-Affinity Labels and Distant Markets	\$0	\$0	\$25,550			
13	2025-10-04-13	University of Delaware	Creation and Validation of a Data-Driven Predictive Modeling and Decision-Making Pipeline for VTE and Intracranial Hemorrhage Expansion in Severe Traumatic Brain Injury (TBI) Patients	\$0	\$0	\$463,586			
14	2025-10-04-14	University of Delaware	BRIDGE and EFNEP Curriculum Specialist	\$0	\$0	\$8,315			
15	2025-10-04-15	University of Delaware	De Nora AEM Electrolyzer Testing Project	\$0	\$0	\$15,455			
16	2025-10-04-16	University of Delaware	Stretchable Self-Powered Sensors Through Printable Piezoelectrets	\$177,510	\$0	\$0			
17	2025-10-04-17	University of Delaware	VFT Vocal Fold Therapy	\$0	\$0	\$205,291			
18	2025-10-04-18	University of Delaware	CRISPR/nCas9-based Gene Therapy for Mucopolysaccharidosis IVA Using Non-Viral Vectors	\$0	\$0	\$39,420			
19	2025-10-04-19	University of Delaware	Mineralogical Controls on Sulfur in Petroleum Precursors: the Unexplored influence of Iron Speciation	\$0	\$0	\$110,000			
20	2025-10-04-20	University of Delaware	Membrane-Modified Lipid Nanoparticles for Targeted mRNA Delivery	\$0	\$0	\$60,000			

21	2025-10-04-21	University of Delaware	The Role of Potassium Supplementation in Modulating Inflammation and Oxidative Stress in Hypertension	\$0	\$0	\$168,568
22	2025-10-04-22	University of Delaware	The Role of Endothelial Cell CD36 in Obesity Induced Endothelial Dysfunction	\$0	\$0	\$70,676
23	2025-10-04-23	University of Delaware	Adaptation of Propulsion on an User-Driven Split-Belt Treadmill	\$0	\$0	\$70,676
24	2025-10-04-24	University of Delaware	Unlocking the Potential of Microtracking Tags to Decrease the Impacts of Mosquito-Borne Diseases on Military Readiness	\$400,809	\$0	\$0
25	2025-10-04-25	University of Delaware	Collaborative Observational Investigation of the Effects of Wind Turbines on Atmospheric Boundary Layers.	\$220,009	\$0	\$0
26	2025-10-04-26	University of Delaware	Quantisation Paradigms in Non-Commutative Analysis	\$211,591	\$0	\$0
27	2025-10-04-27	University of Delaware	QPICS: Quantum Dot Photonic Integrated Circuits on Silicon	\$0	\$0	\$159,375
28	2025-10-04-28	University of Delaware	Framework for Modelling Bioreactor Performance from CHO Cell Clone Data	\$0	\$0	\$46,010
29	2025-10-04-29	University of Delaware	ART: Mining the Rich Vein of Research in Montana	\$0	\$0	\$37,463
30	2025-10-04-30	University of Delaware	Acquisition of Goods and Services	\$65,000	\$0	\$0
31	2025-10-04-31	University of Delaware	Weighted Student Funding, the Equitable Allocation of Resources, and Student Learning	\$0	\$0	\$74,939
32	2025-10-04-32	University of Delaware	A Mechano-Sensitive Drug Delivery Approach for a Non-Opioid Therapeutic to Control Acute Postoperative Joint Pain	\$0	\$0	\$62,765
33	2025-10-04-33	University of Delaware	Mechanisms of Arterial Stiffness as Mediators of the Neuroprotective Effects of Aerobic Fitness	\$0	\$0	\$155,284
34	2025-10-04-34	University of Delaware	Understanding Formation and Dynamics of the HIV/SIV Reservoir	\$0	\$0	\$350,000
35	2025-10-04-35	University of Delaware	NASA Delaware Space Grant Consortium Proposal in Response to National Space Grant College and Fellowship Program FY25 Supplemental Funding Opportunity for FY 2025	\$145,000	\$0	\$0
36	2025-10-04-36	University of Delaware	Accelerating Spin-Forbidden Catalysis for C-H Bond Activation in Hydrocarbon Feedstocks	\$0	\$0	\$110,000
37	2025-10-04-37	University of Delaware	Collaborative Research: III: Change-Aware Graph Learning: Adaptation, Generalization, Unlearning, and Privacy	\$216,765	\$0	\$0
38	2025-10-04-38	University of Delaware	Dissection of Novel Capsid Inhibitor Mechanisms in HIV-1	\$0	\$0	\$300,000
39	2025-10-04-39	University of Delaware	A Portable, Safe, Smart Digital Resistance Training System Providing Remote Monitoring, Form Feedback, and Data Tracking to Slow the Onset of Sarcopenia and Functional Decline	\$0	\$0	\$88,762
40	2025-10-04-40	University of Delaware	Transparent and Screen-Mounted Tactile Actuators for Next Generation Touch Assistive Devices for Visually Impaired Users	\$0	\$0	\$117,658
41	2025-10-04-41	University of Delaware	Immunotherapy Delivery for Head and Neck Cancer	\$0	\$0	\$234,442
42	2025-10-04-42	University of Delaware	Collaborative Research: CPS-FR: CSR: MAVERICKS: Mobility-Centric Autonomous System with Full-Stack Software/Hardware Co-Design for Real-Time High-Fidelity Situational Environments	\$216,226	\$0	\$0
43	2025-10-04-43	University of Delaware	Immigrant Families Participation in Child Care: A Mixed Method Study	\$25,000	\$0	\$0

44	2025-10-04-44	University of Delaware	Brain Mechanics Knowledgebase	\$0	\$0	\$175,000
45	2025-10-04-45	University of Delaware	Creating a Soft and Stretchable Haptic Skin	\$0	\$0	\$65,513
46	2025-10-04-46	University of Delaware	MURI: DEComPoSD: Designer Enzymes for Composite Polyolefin	\$5,531,954	\$0	\$0
47	2025-10-04-47	University of Delaware	Diverse Devotions: Black Belief Across Boundaries	\$0	\$0	\$50,000
48	2025-10-04-48	University of Delaware	Delaware Partnership: Grade 6-8 Math Curriculum Implementation and Impact Study	\$0	\$0	\$42,731
49	2025-10-04-49	University of Delaware	Public Allies FY25/26 National Support	\$0	\$0	\$310,660
50	2025-10-04-50	University of Delaware	Abbie Roberts Collaborative Research Study	\$0	\$0	\$113,750
51	2025-10-04-51	University of Delaware	Efficacy of Autistic-Delivered Peer Support for Autistic Young Adults	\$0	\$0	\$114,508
52	2025-10-04-52	University of Delaware	Partnership: Challenging the Poultry Litter Management Paradigm - Mitigating Emissions and Improving Bird Health	\$0	\$0	\$105,005
53	2025-10-04-53	University of Delaware	Spinal Muscle Impairments: Uncovering Therapeutic Targets for Improved Mobility After Amputation	\$2,426,863	\$0	\$0
54	2025-10-04-54	University of Delaware	PARTNERSHIP: Expanding Capabilities of AI-Driven Robotic Inventory Management and Quality Evaluation of Ornamental Nursery Crops	\$0	\$0	\$105,213
55	2025-10-04-55	University of Delaware	Role of Organelle Dynamics and Retrograde Signaling During Plant Innate Immunity	\$0	\$0	\$770,820
56	2025-10-04-56	University of Delaware	The Educator Success Network	\$0	\$0	\$74,997
57	2025-10-04-57	University of Delaware	PARTNERSHIP: Accessible and Scalable Glare Correction Methods for Hyper- and Multi-Spectral Imaging Using Polarized Light	\$0	\$0	\$120,021
58	2025-10-04-58	University of Delaware	Semantic Communication through Disentangled Sparse Token Encodings	\$0	\$0	\$96,914
59	2025-10-04-59	University of Delaware	Development of Activity-Based Sensors for Multiplexed Mass-Spectrometry-Based Bioimaging of Labile Transition Metal Pools	\$1,250,000	\$0	\$0
60	2025-10-04-60	University of Delaware	Evaluating Routine Turfgrass Soil Tests for Coastal Soil Salinity Detection in the Mid-Atlantic	\$0	\$0	\$56,902
61	2025-10-04-61	University of Delaware	Visualizing Pathogenic Fungal Chitin in Multi-Cell Culture Systems	\$0	\$0	\$35,000
62	2025-10-04-62	University of Delaware	Delaware AT Champion	\$0	\$0	\$9,250
63	2025-10-04-63	University of Delaware	NSF TTP-T: Lab-to-Practice Translation of Area-Selective Deposition for Sub-10-nm Nano-Imprint Masks Based on Atomically-Precise STM Lithography	\$999,493	\$0	\$0
64	2025-10-04-64	University of Delaware	Atlantic Sturgeon Population & Habitat Use to Inform Infrastructure Improvements	\$0	\$0	\$198,629
65	2025-10-04-65	University of Delaware	Scaling Limits of Combinatorially Structured Stochastic Processes	\$199,566	\$0	\$0
66	2025-10-04-66	University of Delaware	Relational Trust as a Lever for Change in Community School Labor-Management Partnerships	\$0	\$0	\$73,524
67	2025-10-04-67	University of Delaware	Unraveling Mechanisms Driving Externalizing Profiles and Trajectories	\$1,669,823	\$0	\$0

68	2025-10-04-68	University of Delaware	Mothers' Childhood Experiences, Maternal Sensitivity, and Immune Regulation in Young Children	\$0	\$0	\$6,250
69	2025-10-04-69	University of Delaware	Resilient Bio-Based Supply Chains Under Uncertainty: Knowledge Extraction to Design	\$318,254	\$0	\$0
70	2025-10-04-70	University of Delaware	Collaborative Research: III: Foundational Advances in Large Language Models for Pediatric Preventive Health Decision Support	\$457,926	\$0	\$0
71	2025-10-04-71	University of Delaware	Small Business Administration Cooperative Agreement CY26	\$717,903	\$843,238	\$0
72	2025-10-04-72	University of Delaware	A Novel Fe-Mineral Proxy for Assessing Metal Stability in Contaminated Sediments	\$0	\$0	\$125,000
73	2025-10-04-73	University of Delaware	Determining How ECM Stiffness Influences Nephron Patterning and Differentiation	\$0	\$0	\$830,000
74	2025-10-04-74	University of Delaware	Copiloting Hospital Decision-Making and Provision Via Adaptive Strategic Ecosystem with Counterfactual Digital Twins.	\$0	\$0	\$500,000
75	2025-10-04-75	University of Delaware	Investigating the Mechanisms By Which Gremlin1 Regulates Fibrotic Lens D	\$0	\$0	\$2,518
76	2025-10-04-76	University of Delaware	Cognitive Control Training to Reduce Suicide Risk Among Patients with PTSD and Suicidal Ideation	\$0	\$0	\$175,108
77	2025-10-04-77	University of Delaware	PARTNERSHIP: Automated Propagation Enabled by Artificial Intelligence and Robotics	\$0	\$0	\$125,544
78	2025-10-04-78	University of Delaware	BRING-SynBio: Deciphering and Directing Lactylation Epigenetics to Control Macrophage Immune Cell Phenotype	\$274,998	\$0	\$0
79	2025-10-04-79	University of Delaware	Cold Plasma Technology for Dietary Fiber Modification: A Scalable Design for Targeted Gut Microbiota Regulation	\$0	\$0	\$73,551
80	2025-10-04-80	University of Delaware	Optimizing AntibioticProbiotic Strategies for Durable BV Treatment	\$0	\$0	\$211,387
81	2025-10-04-81	University of Delaware	High-Efficacy Q-Switched UV Laser Sanitation: An Energy-Efficient And Precision Approach To Enhancing Food Safety	\$0	\$0	\$58,051
82	2025-10-04-82	University of Delaware	Peptidogly Can Release as a Bacterial Immune Evasion Mechanism	\$0	\$0	\$375,000
83	2025-10-04-83	University of Delaware	NSF TTP-T: Tunable Hydrogel Platforms for Next-Generation Biomanufacturing of Engineered Cells and Cell-Derived Products	\$766,843	\$0	\$0
84	2025-10-04-84	University of Delaware	PARTNERSHIP: Farming System Management Practices and Micronutrients for Biological Nitrogen Fixation	\$0	\$0	\$127,084
85	2025-10-04-85	University of Delaware	Federal and State Technology (FAST) Partnership Program	\$86,624	\$0	\$0
86	2025-10-04-86	University of Delaware	You're Killing Me! Intimate Partner Loneliness and All-Cause Mortality Among Older U.S. Couples, 2006-2022	\$0	\$0	\$268,536
87	2025-10-04-87	University of Delaware	Green Storms: Sargassum Blooms and Hurricanes in the U.S. Virgin Islands	\$0	\$0	\$42,502
88	2025-10-04-88	University of Delaware	Understanding Stakeholder Behavior and Incentives in the Federal Crop Insurance Program	\$0	\$0	\$87,854
89	2025-10-04-89	University of Delaware	Collaborative Research: GEM : The Velocity Space Origins of Heating During Magnetospheric Reconnection	\$77,181	\$0	\$0
90	2025-10-04-90	University of Delaware	Shark-Collected Ocean Data to Improve Hurricane Forecasting in the NW Atlantic	\$0	\$0	\$42,400
91	2025-10-04-91	University of Delaware	Collaborative Research: VINES: Track 2: Curb-to-Cloud: Adaptive MEC-Based Infrastructure Enabling Scalable, Resilient, and Fair Robotaxi Ecosystems	\$642,319	\$0	\$0

92	2025-10-04-92	University of Delaware	Preparation of Highly Substituted Axially Chiral Compounds Using Reductive Couplings	\$654,403	\$0	\$0
93	2025-10-04-93	University of Delaware	Collaborative Research: NSF-BSF: SaTC 2.0: RES: Architectural Signatures Based Extensible Defenses Against Side-Channel Attacks	\$259,016	\$0	\$0
94	2025-10-04-94	University of Delaware	HEALTH For All: Feasibility and Initial Impact of a Community-Based Multi-Disciplinary Team Model for Diabetes Risk Screening, Education, Support, and Referral	\$0	\$0	\$18,062
95	2025-10-04-95	University of Delaware	Predicting Outcomes from Obesity Medications Among Diverse Pediatric Populations	\$0	\$0	\$1,166,711
96	2025-10-04-96	University of Delaware	Field-Scale Testing of Weed Dynamics, Cover Crop Performance, and Soybean HealthSensing Technology Mapping Tools	\$25,000	\$0	\$0
97	2025-10-04-97	University of Delaware	Forests and Floods: Development of AI-Driven Computer Vision Algorithms of Throughfall Droplets to Foster More Robust Subcanopy Rainfall Estimates	\$280,391	\$0	\$0
98	2025-10-04-98	University of Delaware	COBRE Phase III Year 4	\$0	\$0	\$245,911
99	2025-10-04-99	University of Delaware	UnMES Engineering Test of Munitions Migration and Burial at Miles Beach, ME	\$15,625	\$0	\$0
100	2025-10-05-01	University of Delaware	CHRONOS: A Quantum Clock Space Telescope for Gravitational Astrophysics	\$9,376	\$0	\$0
101	2025-10-05-02	University of Delaware	Ventilated Rodent Caging to Support the University of Delaware's Life Sciences	\$349,827	\$0	\$0
102	2025-10-05-03	University of Delaware	The Search for Interval Scales: A Study of Large-Scale International Assessment Item Response Data	\$0	\$0	\$35,000
103	2025-10-05-04	University of Delaware	Development and Evaluation of a Transcranial Photobiomodulation (tPBM) Device for Multi-Region Brain Stimulation to Improve Motor and Cognitive Function in Parkinson's Disease	\$2,342,186	\$0	\$0
104	2025-10-05-05	University of Delaware	Assessing the Effects of Soil Amendment and Subsoiling on Compacted Urban Land in the District of Columbia	\$0	\$0	\$30,840
105	2025-10-05-06	University of Delaware	Partnership: Postharvest Processing Of Leafy Greens By Novel Washing Systems With Plasma And Nanobubble-Based Sanitizers	\$708,262	\$0	\$0
106	2025-10-05-07	University of Delaware	Sonar Equipment Fund - Equipment Acquisition for CSHEL	\$0	\$0	\$7,980
107	2025-10-05-08	University of Delaware	Understand Ubiquitination in Tau Fibrillization	\$0	\$0	\$150,000
108	2025-10-05-09	University of Delaware	Mechanisms of Congenital Diaphragmatic Hernia-Associated Pulmonary Vascular Abnormality	\$0	\$0	\$392,442
109	2025-10-05-10	University of Delaware	UniProt Partnerships with Common Fund Data Ecosystem Resources for Protein-Centric Functional Genomics	\$934,338	\$0	\$0
110	2025-10-07-01	Delaware State University	Graduate Research Fellowship Program (GRFP)	\$265,000	\$0	\$0
111	2025-10-07-02	Delaware State University	Supporting Public Access to Data Through a Unique Collaboration Between the Library, the Research Office, and Delaware EPSCoR Institutions	\$1,376,396	\$0	\$0
112	2025-10-07-03	Delaware State University	Empowering the Agricultural Workforce: Expanding Extension's Capacity Through AI Training, Tools and Credentials	\$28,016	\$0	\$0
113	2025-10-07-04	Delaware State University	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) PROGRAMS--TITLE III, HBCU PART F--FUTURE ACT GRANT--2025 - 2029	\$1,018,205	\$0	\$0
114	2025-10-07-05	Delaware State University	PARTNERSHIP: The Application of Advanced Remote Sensing Systems to Support Precision Nutrient Management in Corn and Soybean	\$155,000	\$0	\$0

115	2025-10-07-06	Delaware State University	TDP-43–Induced Glial Dysfunction to Neuroinflammation: Mechanisms and Therapeutic Horizons	\$1,277,500	\$0	\$0
116	2025-10-07-07	Delaware State University	One Health Genomic Surveillance of Foodborne Pathogens: A 15-Year Longitudinal Study for Food Safety Advancement.	\$102,086	\$0	\$0
117	2025-10-07-08	Delaware State University	H2CIRC: Circular Recycling for the Hydrogen Economy	\$954,951	\$0	\$0

Revised 10/9/2025



**Delaware State Clearinghouse Committee**  
**November Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
November 18, 2025 @ 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	6939	Department of Health and Social Services, State Service Centers	AmeriCorps Vista Support Grant	\$47,500	\$0	\$0	0.00	0.00	0.00
2	6941	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	Rural Communities Opioid Response Program Overdose Response	\$300,000	\$0	\$0	0.00	0.00	0.00
3	2025-09-24-01	Department of Health and Social Services, Social Services	End Community Violence Now Transforming Influence	\$0	\$0	\$65,000	0.00	0.00	0.00
<b>Continued</b>									
1	6934	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Assistance Grant (VOCA)	\$2,792,843	\$0	\$663,300	1.40	0.00	0.00
2	6956	Executive, Criminal Justice, Criminal Justice Council	Sexual Assault Services Program	\$785,791	\$0	\$0	0.45	0.00	0.00
3	6951	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients and Providers Act - State Health Insurance Assistance Program	\$93,912	\$0	\$0	0.40	0.00	0.00
4	6952	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients and Providers Act - Area on Aging	\$80,120	\$0	\$0	0.10	0.00	0.00
5	6953	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients and Providers Act - Aging and Disability Resource Center	\$28,102	\$0	\$0	0.10	0.00	0.00
6	6974	Legal, Department of Justice	Victims Compensation Formula Grant	\$1,147,000	\$0	\$0	0.00	0.00	0.00
7	6931	Department of Health and Social Services, Public Health, Community Health	Special Supplement Nutrition Program for Women, Infants and Children - Breastfeeding	\$300,954	\$0	\$0	0.00	0.00	0.00
8	6949	Department of Health and Social Services, Office of the Secretary	Delaware Health Insurance Individual Market	\$49,347,738	\$0	\$0	0.00	0.00	0.00
9	6950	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program (SNAP) Earnings Verification and Support	\$132,101	\$0	\$0	0.00	0.00	0.00
10	6957	Department of Health and Social Services, Public Health, Community Health	State Maternal Health Innovation Program	\$821,000	\$0	\$0	0.00	0.00	0.00
11	6958	Department of Health and Social Services, Public Health, Community Health	Clinical Laboratory Improvement Amendments	\$80,040	\$0	\$0	0.00	0.00	0.00
12	5992 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	State Energy Program	\$466,720	\$0	\$0	-2.00	0.00	0.00
13	6935	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Endangered Species Program	\$97,964	\$14,246	\$0	0.00	0.02	0.00
14	6795	Department of Labor, Office of Occupational and Labor Market Information	Workforce Information Grant	\$301,707	\$0	\$0	1.50	0.00	0.00
15	6927	Department of Labor, Unemployment Insurance	Unemployment Insurance Administration Grant	\$8,719,493	\$0	\$0	86.35	0.00	0.00
16	6936	Department of Labor, Employment and Training, Employment and Training Services	Wagner-Peyser Act, Employment Services	\$1,983,351	\$0	\$0	20.30	0.00	0.00
17	6937	Department of Labor, Employment and Training, Employment and Training Services	Foreign Labor Certification	\$70,575	\$0	\$0	0.72	0.00	0.00

\*New Business requires the attendance of the contact person.  
Available online at <https://budget.delaware.gov/clearinghouse/abm.shtml>

18	6938	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Youth	\$3,149,146	\$0	\$0	4.05	0.00	0.00
19	6977	Department of Labor, Employment and Training, Employment and Training Services	Disabled Veterans Outreach Program	\$589,863	\$0	\$0	6.00	0.00	0.00
20	6948	Department of Agriculture, Food Products Inspection	Cooperative Meat Inspection	\$279,106	\$279,109	\$0	2.50	1.50	0.00
21	6961	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey-Infrastructure	\$104,698	\$0	\$0	0.85	0.00	0.00
22	6932	First State Military Academy	Rural Education Achievement Grant	\$29,927	\$0	\$0	0.30	0.00	0.00

#### Higher Education

1	2025-11-02-01	University of Delaware	Mid-scale RI-1 (M1:IP): DASH Testbed -- Distributed AI for Secure Multi-site Healthcare Data Analysis	\$15,270,862	\$0	\$0			
2	2025-11-02-02	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	\$2,051,186			
3	2025-11-02-03	University of Delaware	1965 Los Angeles Riots Digitization Project	\$0	\$0	\$19,100			
4	2025-11-02-04	University of Delaware	NSF Engineering Research Center for Living Composites Foundry Engineering (LiFE)	\$20,414,055	\$0	\$0			
5	2025-11-02-05	University of Delaware	CRCNS US-French Research Proposal: Optimal Control Framework for Studying the Neural Control of Force, Impedance, and Feedback Responses	\$441,355	\$0	\$0			
6	2025-11-02-06	University of Delaware	Collaborative Research: RAPID: Study of the April 2025 Eruption at 9 50 N EPR: Fluid Pathways, Crustal Permeability, and Plume Evolution	\$6,235	\$0	\$0			
7	2025-11-02-07	University of Delaware	Northeast Agriculture Risk Management Education (ARME) Center	\$1,966,882	\$0	\$0			
8	2025-11-02-08	University of Delaware	Development of activity-based sensors for multiplexed mass-spectrometry-based bioimaging of labile transition metal pools	\$1,250,000	\$0	\$0			
9	2025-11-02-09	University of Delaware	NSF TTP-T: Lab-to-Practice Translation of Area-Selective Deposition for sub-10-nm Nano-Imprint Masks Based on Atomically-Precise STM Lithography	\$999,493	\$0	\$0			
10	2025-11-02-10	University of Delaware	Unraveling Mechanisms Driving Externalizing Profiles and Trajectories	\$1,669,823	\$0	\$0			
11	2025-11-02-11	University of Delaware	Collaborative Research: RI: Robust and Adaptive Multimodal 3D Perception	\$221,999	\$0	\$0			
12	2025-11-02-12	University of Delaware	RSA Acquisition of Goods and Services	\$15,350	\$0	\$0			
13	2025-11-02-13	University of Delaware	Next Generation MRI for Virtual Mechanical Testing of Bone Fracture Healing	\$2,859,924	\$0	\$0			
14	2025-11-02-14	University of Delaware	Integrated Circuits for High-Speed Data Transmission	\$0	\$0	\$61,760			
15	2025-11-02-15	University of Delaware	Preparation of Highly Substituted Axially Chiral Compounds Using Reductive Couplings	\$654,403	\$0	\$0			
16	2025-11-02-16	University of Delaware	Cornerstone West CDC 25/26 Partner Organization	\$0	\$0	\$19,500			
17	2025-11-02-17	University of Delaware	Network Delaware 25/26 Partner Organization	\$0	\$0	\$19,500			
18	2025-11-02-18	University of Delaware	First State Squash Public Ally partner organization	\$0	\$0	\$22,000			

19	2025-11-02-19	University of Delaware	Collaborative Research: Exploring the Uses of Graphs Across STEM Fields Project (STEM-Graphs Project)	\$280,264	\$0	\$0
20	2025-11-02-20	University of Delaware	Partnership: Field-based Mitigation Strategies for Lowering Cadmium Levels in Spinach	\$0	\$0	\$126,105
21	2025-11-02-21	University of Delaware	Microsensor-Guided Microbial Surveillance In Poultry Production	\$209,858	\$0	\$0
22	2025-11-02-22	University of Delaware	Partnership: Advanced Biocomposites through In-situ Supramolecular Interfacial Modifications of Natural Fibers	\$0	\$0	\$105,004
23	2025-11-02-23	University of Delaware	Partnership: Developing Convergent System of Recycling of Manure Nutrients into Engineered Hydrochar and Slow-release Intelligent Fertilizers	\$710,218	\$0	\$0
24	2025-11-02-24	University of Delaware	Measuring the Impact of Youth-Generated Research on Research Use and Youth Outcomes: A School Climate Youth-Participatory Action Research Intervention	\$0	\$0	\$109,175
25	2025-11-02-25	University of Delaware	Tracking Trajectories and the Role of Caregiver Input in the Vocal Development of Infants with Neurogenetic Syndromes	\$300,794	\$0	\$0
26	2025-11-02-26	University of Delaware	An Integrative Multi-Omics Platform for Analyzing Age-Associated Differences in Bone Marrow Stromal Cells	\$2,339,448	\$0	\$0
27	2025-11-02-27	University of Delaware	Using Expansion of the Adult Dentate Gyrus to Identify Rats Susceptible to Traumatic Stress	\$275,000	\$0	\$0
28	2025-11-02-28	University of Delaware	Activity-Based Polymerization for Multiplexed Bioimaging of Cells and Tissues Under Oxidative Stress and Metal Dyshomeostasis	\$1,250,000	\$0	\$0
29	2025-11-02-29	University of Delaware	Braven, Inc. Public Ally Partner Organization	\$0	\$0	\$22,500
30	2025-11-02-30	University of Delaware	Mental Health Association in Delaware Public Ally Partner Organization	\$0	\$0	\$16,500
31	2025-11-02-31	University of Delaware	Mental Health Association in Delaware Public Ally Partner Organization	\$0	\$0	\$16,500
32	2025-11-02-32	University of Delaware	Mental Health Association in Delaware Public Ally Partner Organization	\$0	\$0	\$16,500
33	2025-11-02-33	University of Delaware	Network Delaware Inc. Delaware Public Ally Partner Organization	\$0	\$0	\$18,500
34	2025-11-02-34	University of Delaware	Collaborative Research: Critical Thinking and Self-Regulation While Using Generative AI in Advanced Computer Science and Engineering.	\$69,450	\$0	\$0
35	2025-11-02-35	University of Delaware	Ion Channels and Driving Forces: Dependence on Kir2.1 to Fine Tune Cell Signaling	\$1,375,000	\$0	\$0
36	2025-11-02-36	University of Delaware	Beyond Count Rate: Enhancing Neutron Monitor Sensitivity for Heliospheric Physics	\$250,591	\$0	\$0
37	2025-11-02-37	University of Delaware	Collaborative Research: Connecting Solar Wind Turbulence from the Chromosphere to the Heliosphere using Multi-source and Multi-method Observations	\$128,904	\$0	\$0
38	2025-11-02-38	University of Delaware	Effective Viscosity and Resistivity to Quantify Collisional-like Behavior in Nearly Collisionless Plasma	\$307,352	\$0	\$0
39	2025-11-02-39	University of Delaware	Investigation of Proton and Electron Heating in the Structured Inner Heliosphere using Global Solar Wind Modeling with Turbulence Transport	\$422,444	\$0	\$0
40	2025-11-02-40	University of Delaware	Pathway to \$10 Per Gram: A Technology Roadmap for Cost-Effective mAb Manufacturing	\$0	\$0	\$9,694,277
41	2025-11-02-41	University of Delaware	Partnership: Novel Autonomous Precision Drip Fertigation System for Managing Water/Nutrient in Hydroponics: Improve Sustainability and Safety	\$587,025	\$0	\$0
42	2025-11-02-42	University of Delaware	Development of Plasma Microbubble Washing System for Environmentally Friendly and Efficient Postharvest Processing of Fresh Produce	\$464,021	\$0	\$0

43	2025-11-02-43	University of Delaware	Promoting healthy lifestyle habits in the community: Virtual World CHW Training	\$0	\$0	\$35,833
44	2025-11-02-44	University of Delaware	A Unique Exploration of Developmental Language Disorder	\$274,952	\$0	\$0
45	2025-11-02-45	University of Delaware	Physical Principles of Microbial Dispersal, Growth, and Removal in Health-Relevant Porous Environments	\$1,375,000	\$0	\$0
46	2025-11-02-46	University of Delaware	Mechanisms of How Cognition Facilitates and Disrupts Sensorimotor Integration for Complex Task Execution	\$2,844,278	\$0	\$0
47	2025-11-02-47	University of Delaware	The Effects of Complex Thermal Gradients and Disturbance Interactions in Hypersonic Boundary Layers	\$1,275,936	\$0	\$0
48	2025-11-02-48	University of Delaware	2026 NSF Mind, Machine and Motor Nexus (M3X) Principal Investigators' Meeting; Alexandria, Virginia; February 2026	\$38,614	\$0	\$0
49	2025-11-02-49	University of Delaware	Muddy Water Blues: Detecting and Predicting the Salmonella in Water that Matter Most	\$0	\$0	\$95,375
50	2025-11-02-50	University of Delaware	AI-Enhanced Undergraduate Mathematics Instruction Through Problem Posing	\$313,944	\$0	\$0
51	2025-11-02-51	University of Delaware	Elucidating the Role of CD4 T-cells on Wound Healing with Drug Delivery Hydrogels	\$1,375,005	\$0	\$0
52	2025-11-02-52	University of Delaware	Psychobiological Mechanisms of Accelerated Vascular Aging in Depression	\$2,499,673	\$0	\$0
53	2025-11-02-53	University of Delaware	Grounding Legged VLN	\$364,804	\$0	\$0
54	2025-11-02-54	University of Delaware	SCH: Smart Nanocomposite Wearables with Machine Learning for Next-Generation Human Rehabilitation	\$772,063	\$0	\$0
55	2025-11-02-55	University of Delaware	Functional Characterization of Circular RNAs in Neonatal Brain Injuries	\$2,408,280	\$0	\$0
56	2025-11-02-56	University of Delaware	Collaborative Research: Understanding the Role of Turbulence and Diffusion in the Acceleration and Transport of Solar Energetic Particles	\$156,038	\$0	\$0
57	2025-11-02-57	University of Delaware	Standardizing Lime Recommendations to Improve Soil Health and Build Agricultural Productivity	\$0	\$0	\$290,030
58	2025-11-02-58	University of Delaware	Engineering Rice Husk Biochar To Enhance Electron Storage, Silicon Availability, And Rice System Resilience	\$450,529	\$0	\$0
59	2025-11-02-59	University of Delaware	Evaluation of Methane Emissions Measurement Strategies and Automated Gas Control at Municipal Solid Waste Landfills	\$0	\$0	\$155,379
60	2025-11-02-60	University of Delaware	Partnership: Turbocharge Center Pivots With Robotic Proximal Sensing And Ai For Precision Crop And Water Management In The Mid-Atlantic	\$618,662	\$0	\$0
61	2025-11-02-61	University of Delaware	Enhanced Mid-Atlantic System Sustainability Through Development of High-Protein and Stress Tolerant Faba Bean for Winter Production	\$0	\$0	\$84,004
62	2025-11-02-62	University of Delaware	Precise Systems UD Code 60 Structural Engineering	\$0	\$0	\$853,900
63	2025-11-02-63	University of Delaware	Development of a Long-Term Human Bone Microphysiological System to Model Skeletal Aging	\$275,000	\$0	\$0
64	2025-11-02-64	University of Delaware	Promoting Operational and Community Resilience through Integrated Agricultural Systems	\$0	\$0	\$158,928
65	2025-11-02-65	University of Delaware	Step Forward: A Multi-Region Study of Real-World Gait, Community Characteristics, and Outcome Prediction in Knee Osteoarthritis	\$2,993,539	\$0	\$0
66	2025-11-02-66	University of Delaware	Collaborative Research: SCH: AI-Guided Microrobotic Vascular Navigation for Targeted Intratumoral Delivery in Glioblastoma Therapy	\$375,000	\$0	\$0

67	2025-11-02-67	University of Delaware	Collaborative Research: Sensorimotor State Estimation in Human-human and Human-robot Interactions	\$212,942	\$0	\$0
68	2025-11-02-68	University of Delaware	Impact of Mild Cognitive Impairment on the Interplay and Neural Structures of Decision and Motor Processes	\$2,471,645	\$0	\$0
69	2025-11-02-69	University of Delaware	Optimal, Dynamic, User-adaptive, Exoskeleton-assisted Training of Propulsion Mechanics	\$770,200	\$0	\$0
70	2025-11-02-70	University of Delaware	Cooperative Program between City of Wilmington Delaware and the University of Delaware	\$0	\$0	\$67,797
71	2025-11-02-71	University of Delaware	Blueprint Communities® Initiative	\$0	\$0	\$698,265
72	2025-11-02-72	University of Delaware	Unraveling the Regional Spread of Herbicide Resistance in the Northeast and Mid-Atlantic U.S.	\$0	\$0	\$4,901
73	2025-11-02-73	University of Delaware	Microrobot-guided Investigation of Ovarian Folliculogenesis	\$275,000	\$0	\$0
74	2025-11-02-74	University of Delaware	MARACCOOS (Mid-Atlantic IOOS): Continuing to Strengthen Mid-Atlantic Infrastructure, Data Products and Services	\$3,886,579	\$0	\$0
75	2025-11-02-75	University of Delaware	Implementing, Scaling, and Evaluating ACCESS Reading to Improve Reading Achievement Through Small-Group Tutoring in Grades Four and Five	\$0	\$0	\$640,151
76	2025-11-02-76	University of Delaware	Spontaneous Phase Separation, Emulsification, and Colloidal Stability of Acylated Peptides: Part II	\$0	\$0	\$31,250
77	2025-11-02-77	University of Delaware	Translational Partnership to Advance Targeted Immunotherapy Delivery in Head and Neck Cancer	\$2,461,065	\$0	\$0
78	2025-11-02-78	University of Delaware	Partnership: Pathogen-Microplastic Interactions In Food Products: Detection Innovations And Mitigation Methods	\$694,881	\$0	\$0
79	2025-11-02-79	University of Delaware	Radar-Based Continuous Monitoring to Predict Agitation and Detect Undiagnosed Dementia	\$0	\$0	\$21,366
80	2025-11-02-80	University of Delaware	Developing Debiased Causal Transformer for Clinical Evidence Generation: Application to Repurposing Glucagon Like Peptide 1 Receptor Agonists	\$0	\$0	\$750,000
81	2025-11-02-81	University of Delaware	Engineering Yarrowia Lipolytica To Enhance Oil Recovery	\$383,210	\$0	\$0
82	2025-11-02-82	University of Delaware	Lactic Acid-Mediated Protection of the Cervicovaginal Epithelium	\$2,268,570	\$0	\$0
83	2025-11-02-83	University of Delaware	Investigating the Neurobehavioral Consequences of Pre-Pregnancy Chronic Stress in a Rodent Model of Postpartum Mood Dysregulation	\$100,000	\$0	\$0
84	2025-11-02-84	University of Delaware	Veterans and College Athletes Together (VCAT)	\$100,000	\$0	\$0
85	2025-11-02-85	University of Delaware	DE 4H Teens as Teachers	\$0	\$0	\$62,999
86	2025-11-02-86	University of Delaware	Examining the Feasibility of Implementing a Website-based and a Group-based Storytelling Intervention for African Americans with Hypertension	\$150,000	\$0	\$0
87	2025-11-02-87	University of Delaware	Synergistic Use of UV Light and Cold Plasma for Nonthermal Decontamination of Fresh Produce and Wash Water	\$429,595	\$0	\$0
88	2025-11-02-88	University of Delaware	HPV-RiskID: A Sequence-to-Risk Classifier Powered by Sequence Features of Viral Replication Origins and Proteins	\$275,000	\$0	\$0
89	2025-11-02-89	University of Delaware	Ironscales And Soil Nitrogen: Spatial Variation Of Iron Oxides And Their Controls On Nitrogen Transformations And Availability	\$604,435	\$0	\$0
90	2025-11-02-90	University of Delaware	Impact of Cystathionine Beta Synthase on Health and Aging.	\$275,000	\$0	\$0

91	2025-11-02-91	University of Delaware	Personal Pediatric Synthetic Voices for Assisted Communicators	\$0	\$0	\$105,001
92	2025-11-02-92	University of Delaware	Research Affiliation and Biomedical Services	\$0	\$0	\$23,587
93	2025-11-02-93	University of Delaware	Chatbot Sleep Intervention for College Student Mental Health in Campus Healthcare	\$796,544	\$0	\$0
94	2025-11-02-94	University of Delaware	Mechanisms Underlying Individual Vulnerability to Postpartum Mood Disorders	\$0	\$0	\$270,000
95	2025-11-02-95	University of Delaware	Partnership: From Cover Crop to Cash Crop: Quantifying the Role of Soil Organic Matter Pools as Mediators of Cover Crop Nitrogen Release	\$747,253	\$0	\$0
96	2025-11-02-96	University of Delaware	Efficacy of the Resilience Education Program: A Targeted Intervention for Youths at Risk for Internalizing Problems	\$0	\$0	\$867,900
97	2025-11-02-97	University of Delaware	Preparing Future Parents: A Literacy-Based Parenting Curriculum for Secondary Schools	\$0	\$0	\$63,000
98	2025-11-02-98	University of Delaware	Customized PEM Electrolyzer Prototype Fabrication	\$0	\$0	\$64,668
99	2025-11-02-99	University of Delaware	Motion Planning and Navigation for Autonomous Surface Vehicles in Confined Environments	\$0	\$0	\$13,205
100	2025-11-03-01	University of Delaware	Chemosensitization of KMT2A Rearranged Pediatric AML	\$0	\$0	\$38,766
101	2025-11-03-02	University of Delaware	Collaborative Leadership Across the Humanities: Public Lecture and Workshop	\$0	\$0	\$11,500
102	2025-11-03-03	University of Delaware	Silica Rock Powder Soil Amendment Applications for Farms Affected by Phosphate Regulation	\$0	\$0	\$52,502
103	2025-11-03-04	University of Delaware	Preparing Delawareans with (Pre)Diabetes for Disasters	\$0	\$0	\$9,000
104	2025-11-03-05	University of Delaware	A Microbial Production Platform for Allelochemicals to Increase Crop Yield, Reduce Herbicide, and Fertilizer Use	\$210,000	\$0	\$0
105	2025-11-03-06	University of Delaware	Partnership: Dual Function of Phosphite for Plant Nutrition and Weed Control: Tapping Synergistic Interaction for Improving Soil Health	\$674,776	\$0	\$0
106	2025-11-03-07	University of Delaware	Exchange Program: 21st Century Skills in the English Language Classroom	\$0	\$0	\$121,392
107	2025-11-03-08	University of Delaware	Factors Affect the Transfer of Bacterial Pathogens to Leafy Greens from Soils	\$114,341	\$0	\$0
108	2025-11-03-09	University of Delaware	Partnership: Understanding Tissue-Specific Cyanogenic Potential in Lima Bean to Optimize Breeding for Insect Resistance and Nutritional Value	\$719,303	\$0	\$0
109	2025-11-03-10	University of Delaware	EHR-Integrated Personalized LLMs for Pediatric Obesity Management: A Design and Validation Study	\$342,101	\$0	\$0
110	2025-11-03-11	University of Delaware	Towards Maize Waterlogging Tolerance: Strengthening the Genetic Foundation with Integrative Approaches	\$210,010	\$0	\$0
111	2025-11-03-12	University of Delaware	Establishing Connections in Estrogen Binding Affinity and Musculoskeletal Structure-function	\$275,000	\$0	\$0
112	2025-11-03-13	University of Delaware	Accelerated Lima Bean Breeding for Climate Resiliency Using AI-Driven High-Throughput Phenotyping	\$455,023	\$0	\$0
113	2025-11-03-14	University of Delaware	Partnership: Processing-Induced Changes Of Microbial Accessible Carbohydrates In Meat Analogs: Gut Microbiota And Antimicrobial Resistance Gene	\$663,531	\$0	\$0
114	2025-11-03-15	University of Delaware	The Impact of Olfactorymotor Syntax on Social Interaction and Neural Dynamics in Mice	\$0	\$0	\$1,698,483

115	2025-11-03-16	University of Delaware	Single Fiber Testing	\$0	\$0	\$18,064
116	2025-11-03-17	University of Delaware	Mitigating Off-Flavor Compounds and Enhancing Fish Growth Performance in Recirculating Aquaculture Systems Using Integrated Nanobubble-Cold Plasma Technology	\$0	\$0	\$203,680
117	2025-11-03-18	University of Delaware	USDA NIFA McIntyre Stennis 26	\$111,158	\$0	\$0
118	2025-11-03-19	University of Delaware	Jefferson St. Center Inc 25/26 Partner Organization	\$0	\$0	\$21,500
119	2025-11-03-20	University of Delaware	Delaware Black Chamber of Commerce 25/26 Partner Organization	\$0	\$0	\$21,500
120	2025-11-03-21	University of Delaware	Animal Health and Disease Research Program FY26	\$20,203	\$0	\$0
121	2025-11-03-22	University of Delaware	University of Delaware Expanded Food and Nutrition Education Program (EFNEP) FY2026	\$315,646	\$0	\$0
122	2025-11-03-23	University of Delaware	The Influence of Phone-free School Policies on Children's Mental Health	\$0	\$0	\$101,499
123	2025-11-03-24	University of Delaware	University of Delaware Renewable Resources Extension Act FY26	\$46,368	\$0	\$0
124	2025-11-03-25	University of Delaware	Mothers' Childhood Experiences, Maternal Sensitivity, and Immune Regulation in Young Children	\$0	\$0	\$9,330
125	2025-11-03-26	University of Delaware	Coordination and Dissemination of Technical Assistance to Support Rural Communities, Region 3	\$0	\$0	\$66,204
126	2025-11-03-27	University of Delaware	A Novel Application of Phytochemicals to Enhance Antibiotic Efficacy	\$139,825	\$0	\$0
127	2025-11-03-28	University of Delaware	Play It Forward (Playground Update)	\$0	\$0	\$20,000
128	2025-11-03-29	University of Delaware	Epigenetic Biomarkers for Spastic Cerebral Palsy	\$0	\$0	\$431,800
129	2025-11-03-30	University of Delaware	Human Cervicovaginal Model of Menopause-associated Aging and Microbiome Remodeling	\$317,817	\$0	\$0
130	2025-11-03-31	University of Delaware	Multiscale Investigation of HBV Capsid Modulation by Small Molecules: Mechanisms of Assembly, Disassembly, and Drug Discovery	\$0	\$0	\$833,335
131	2025-11-03-32	University of Delaware	Building a System of Health Promotion: Referrals for Community Healthy Lifestyles Interventions	\$234,196	\$0	\$0
132	2025-11-03-33	University of Delaware	Magnon Spectroscopy of Quantum Spin Liquid Phases	\$0	\$0	\$224,703
133	2025-11-03-34	University of Delaware	Analytical & Measurement Platform for Real-Time Monitoring of Asparagopsis Productivity, Potency, and Purity & Health	\$0	\$0	\$114,791
134	2025-11-03-35	University of Delaware	Wireless Power Transfer for Soft Robots	\$176,062	\$0	\$0
135	2025-11-03-36	University of Delaware	Investigating the Role of microRNA-1 in Spindle Orientation during Mitosis	\$0	\$0	\$40,000
136	2025-11-03-37	University of Delaware	Plasma Nanobubble Water (PNBW) for Microbiome-Guided Enhancement of Hydroponic Crop Safety, Productivity, and Sustainability	\$724,588	\$0	\$0
137	2025-11-03-38	University of Delaware	Developing a Job Shadowing and Alumni Outreach Program for English Majors/Minors at the University of Delaware	\$0	\$0	\$10,000
138	2025-11-03-39	University of Delaware	Collaborative Research: Using Idealized Modeling to Systematically Evaluate Tropical-Extratropical Teleconnection Changes Across Historical Periods	\$249,009	\$0	\$0

139	2025-11-03-40	University of Delaware	Mobilizing a Great Lakes Microplastic Action Network	\$0	\$0	\$48,288
140	2025-11-03-41	University of Delaware	Accessing Mental and Behavioral Health Services for Young Children and Caregivers	\$0	\$0	\$167,049
141	2025-11-03-42	University of Delaware	The Effectiveness of State Postsecondary Funding Approaches	\$0	\$0	\$11,355
142	2025-11-03-43	University of Delaware	Partnership between CRESPE, RODEL, and DDOE to focus on Early Literacy	\$0	\$0	\$409,091
143	2025-11-03-44	University of Delaware	GrowSmart: Pilot Trial of an AI-based Obesity Prevention Tool in Pediatric Primary Care	\$0	\$0	\$184,787
144	2025-11-03-45	University of Delaware	Adolescent Wellbeing, Socialization, and American Democratic Health	\$0	\$0	\$175,000
145	2025-11-03-46	University of Delaware	Development of Novel Silica-caged Phosphorus Nano Fertilizer for Sustainable Agriculture	\$178,044	\$0	\$0
146	2025-11-03-47	University of Delaware	Clearing the Smoke: Shared-Decision Making & Medical Cannabis Use - A "Brokered Dialogue" Approach	\$0	\$0	\$48,515
147	2025-11-03-48	University of Delaware	From Ingestion to Injury: Gut Health Consequences of Dietary Micro- and Nanoplastics	\$455,017	\$0	\$0
148	2025-11-03-49	University of Delaware	Understanding Ancient Microbiomes for Plant Health and Nutrient Acquisition	\$753,038	\$0	\$0
149	2025-11-03-50	University of Delaware	Time Restricted Eating for Dysregulated Eating Among Emerging Adult Women: A Single-Armed Mechanistic Clinical Trial	\$0	\$0	\$99,997
150	2025-11-03-51	University of Delaware	Pomo Baskets, Woven Futures	\$0	\$0	\$15,000
151	2025-11-03-52	University of Delaware	Weatherproofing the Chain: Understanding How Extreme Weather Shocks Disrupt Distribution Networks	\$0	\$0	\$31,517
152	2025-11-03-53	University of Delaware	A Computational Approach to Predicting Treatment Outcomes for Children with Developmental Language Disorder	\$0	\$0	\$111,056
153	2025-11-08-01	Delaware State University	Capture of Harmful Radioactive Contaminants from Off-gas Stream Using Metal-Organic Hybrid based Composite Nanomats	\$389,888	\$0	\$0
154	2025-11-08-02	Delaware State University	Impact of Herbal Plant Extracts on the Gut Microbiome and their Therapeutic Potential in Colorectal Cancer	\$300,000	\$0	\$0
155	2025-11-08-03	Delaware State University	2026 Agriculture Extension	\$2,829,100	\$0	\$0
156	2025-11-08-04	Delaware State University	2026 Evans Allen (Research)	\$1,662,627	\$0	\$0
157	2025-11-08-05	Delaware State University	Microbial Social Behaviors as Drivers of Antimicrobial Resistance Persistence in Catfish Spoilage: Integrative Genomics and AI-Powered Prediction	\$997,269	\$0	\$0
158	2025-11-08-06	Delaware State University	Investigating Physiological and Genetic Mechanisms of Drought Stress Responses in Sugar Maple (Acer saccharum M.)	\$299,736	\$0	\$0
159	2025-11-08-07	Delaware State University	Carbon-doping and Point Defect Engineering for Single Photon Emitter Control (C-SPEC)	\$999,801	\$0	\$0
160	2025-11-08-08	Delaware State University	Theoretical Study of Ultracold Atoms in an Optical Lattice	\$222,348	\$0	\$0
161	2025-11-08-09	Delaware State University	Flexible Low Altitude Routing & Elasticity (FLARE)	\$50,000	\$0	\$0
162	2025-11-08-10	Delaware State University	Excellence in Research—Investigating the Role of TRP-4 in Modulating Dopaminergic Synaptic Homeostasis in C. Elegans	\$699,308	\$0	\$0



163	2025-11-08-11	Delaware State University	2026 McIntire Stennis: Omics Approach to Understand Sugar Maple Response to Drought Stress	\$148,212	\$0	\$0
164	2025-11-08-12	Delaware State University	Research Initiation Award: Recovery and Detection of Salmonella Enterica in Surface Water using Modified Enrichment Techniques	\$449,991	\$0	\$0
165	2025-11-08-13	Delaware State University	Expanded Food and Nutrition Education Program Year Two	\$105,052	\$0	\$0
166	2025-11-08-14	Delaware State University	Assessment of Multidrug-resistant Zoonotic Bacteria in Backyard Chicken Farms on the Delmarva Peninsula	\$70,800	\$0	\$0
167	2025-11-08-15	Delaware State University	Graph-Base Computational Discovery and Experimental Validation of Novel Oncogenes and tumor Suppressor Genes in Acute Myeloid Leukemia	\$72,987	\$0	\$0
168	2025-11-08-16	Delaware State University	Chatbot Sleep Intervention for College Student Mental Health in Campus Healthcare	\$87,206	\$0	\$0
169	2025-11-08-17	Delaware State University	Comparative Immunomics in Xenopus: Unraveling Interferon Signaling, Viral Mimicry, and Evolutionary Adaptations in Vertebrate Immunity	\$355,985	\$0	\$0
170	2025-11-08-18	Delaware State University	The Healing Mathroom: Turning Math Classrooms into Healing Spaces	\$401,287	\$0	\$0
Created 11/5/2025						

**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 16, 2025 @ 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	6981	Executive, Criminal Justice, Criminal Justice Council	Community Oriented Policing Services Accreditation Grant	\$300,000	\$0	\$0	0.14	0.00	0.00
2	6978	Department of Health and Social Services, Public Health Community Health	Rural Health Transformation Program	\$1,000,000,000	\$0	\$0	0.00	0.00	0.00
3	6973	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	State and Interstate Aquatic Nuisance Species Plan	\$72,570	\$24,190	\$0	0.13	0.15	0.00
4	2025-09-11-01	Red Clay School District	Opioid Recovery Trust Grant	\$0	\$0	\$500,000	0.00	0.00	0.00
5	6968	Department of Health and Social Services, Medicaid and Medical Assistance	Juvenile Justice	\$1,003,448	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	6940	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$243,862	\$81,287	\$0	0.22	0.06	0.00
2	6955	Executive, Criminal Justice, Criminal Justice Council	Services-Training-Officers-Prosecutors (STOP) Violence Against Women Act Formula Grant Program	\$1,028,848	\$159,375	\$144,611	2.28	0.76	0.00
3	6990	Legal, Department of Justice	Internet Crimes Against Children	\$374,477	\$0	\$0	2.00	0.00	0.00
4	6910	Department of Health and Social Services, Public Health, Community Health	Delaware Public Water System Supervision	\$647,849	\$518,572	\$0	7.50	5.90	0.00
5	6946 Amendment	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Hospice	\$13,471	\$0	\$0	0.00	0.00	0.00
6	6959	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children (WIC) Farmers' Market Nutrition Program - Administration	\$17,976	\$30,706	\$0	0.00	0.34	0.00
7	6960	Department of Health and Social Services, Public Health, Community Health	Women, Infants, and Children (WIC) Farmers' Market Nutrition Program - Food	\$87,767	\$0	\$0	0.00	0.00	0.00
8	6969	Department of Health and Social Services, Public Health, Community Health	Delaware Perinatal Cooperative	\$200,000	\$0	\$0	0.00	0.00	0.00
9	6989	Department of Health and Social Services, Public Health, Community Health	Preventive Health and Health Services Block Grant	\$329,926	\$0	\$0	0.00	0.00	0.00
10	6965	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Adoption Incentive Payment Program	\$261,000	\$0	\$0	0.00	0.00	0.00
11	6967	Department of Natural Resources and Environmental Control, Watershed Stewardship	Shellfish Training, Administration of Food and Drug Officials Travel Grant	\$7,263	\$0	\$0	0.00	0.00	0.00
12	6964	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Dislocated Worker	\$2,264,995	\$0	\$0	12.88	0.00	0.00
13	6966	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Adult	\$3,056,641	\$0	\$0	11.32	0.00	0.00
14	6988	Department of Agriculture, Forest Service	Forest Consolidated Payment Grant	\$657,118	\$609,286	\$47,832	4.00	5.24	0.00
15	6995	Department of Education, Early Childhood Support	Preschool Development Grant	\$11,503,500	\$3,451,050	\$0	0.00	0.00	0.00

\*New Business requires the attendance of the contact person.  
Available online at <https://budget.delaware.gov/clearinghouse/abm.shtml>



## Higher Education

1	6980	Delaware Technical Community College	Delaware INBRE	\$204,000	\$0	\$0
2	2025-11-29-02	University of Delaware	Sources of Processing Asymmetry in Alternative Word Order Sentences	\$6,536	\$0	\$0
3	2025-11-29-03	University of Delaware	CIFAR Humans & the Microbiome Program 2025-2026	\$0	\$0	\$22,085
4	2025-11-29-04	University of Delaware	Toward Resistance: Molecular and Genetic Bases of Host-Pathogen Interactions During Early Infection of Pythium Root Rot in Maize	\$642,524	\$0	\$0
5	2025-11-29-05	University of Delaware	Astazeneca Biopharmaceutical Innovation 4+1 Program	\$0	\$0	\$409,775
6	2025-11-29-06	University of Delaware	Building a Comprehensive Network for Farm and Ranch Stress Assistance in the NE	\$0	\$0	\$119,253
7	2025-11-29-07	University of Delaware	NIIMBL Global Health Partner Support	\$0	\$0	\$1,363,636
8	2025-11-29-08	University of Delaware	Adventitious Agent Testing with NGS	\$0	\$0	\$1,363,636
9	2025-11-29-09	University of Delaware	Center of Biomedical Research Excellence in Cardiovascular Health - Phase 3	\$3,750,000	\$0	\$0
10	2025-11-29-10	University of Delaware	Braven, Inc. Public Ally Partner Organization	\$0	\$0	\$22,500
11	2025-11-29-11	University of Delaware	Collaborative Research: Predictive Modeling of Coupled Nanoparticle Membrane Mechanics as Determinants of Endocytic Pathways	\$203,819	\$0	\$0
12	2025-11-29-12	University of Delaware	Mechanisms of Brain Mechanics Across Development in a Rat Model of FASD	\$2,253,250	\$0	\$0
13	2025-11-29-13	University of Delaware	Introduction to Contemporary English Language Teaching Methods - Winter/Spring/Summer 2026 Instructional Services	\$0	\$0	\$195,107
14	2025-11-29-14	University of Delaware	Documenting Dairy Farms in Northern Maryland Phase 4	\$0	\$0	\$26,087
15	2025-11-29-15	University of Delaware	Bioengineering Stratified Cartilage Through Bioinspired Matrix Stiffening	\$0	\$0	\$246,985
16	2025-11-29-16	University of Delaware	Investigating the Impact of Nanoplastics on the Poultry Reproductive Microbiome	\$454,879	\$0	\$0
17	2025-11-29-17	University of Delaware	Delaware Sea Grant Omnibus Mid-Cycle Research Projects 2026-2027	\$1,147,720	\$0	\$0
18	2025-11-29-18	University of Delaware	Magnonic Straintronics: Strain Engineering of Magnonic Hybrid Systems	\$381,800	\$0	\$0
19	2025-11-29-19	University of Delaware	NIFA USDA Hatch Multistate FY26	\$548,128	\$0	\$0
20	2025-11-29-20	University of Delaware	Smith-Lever Act Capacity Grant FY2026	\$1,446,288	\$0	\$0
21	2025-11-29-21	University of Delaware	AI-Enabled Microrobotic Platform for Autonomous Navigation and Targeting in Vasculature	\$275,000	\$0	\$0
22	2025-11-29-22	University of Delaware	NIFA Hatch Regular Bowman 26	\$1,185,706	\$0	\$0
23	2025-11-29-23	University of Delaware	Partnership: Improving Oak Forest Productivity: Seed Source Selection Based on Physiological Responses Across Environmental Gradients	\$706,326	\$0	\$0
24	2025-11-29-24	University of Delaware	From Migration to Microbes: Multi-Scale Drivers of Resistance and Biological Control in the Diamondback Moth	\$0	\$0	\$139,965

25	2025-11-29-25	University of Delaware	Predictive Ultrafast Low-Rank Simulations Via Embedded Tensor Networks	\$0	\$0	\$28,183
26	2025-11-29-26	University of Delaware	Characterizing the Mechanisms of Fungal Inhibition, Root Growth, and Adaptation to Tomato in the Potential Biocontrol Bacterium, <i>Bacillus velezensis</i>	\$486,295	\$0	\$0
27	2025-11-29-27	University of Delaware	Improving Livestock Gut Health and Feed Efficiency Via Ultrasonic Cryo-Spray Drying and Feed Processing Optimization	\$210,011	\$0	\$0
28	2025-11-29-28	University of Delaware	Circuits and Mechanisms Through Which Basal Forebrain Cholinergic Neurons Facilitate Fear Extinction	\$2,187,675	\$0	\$0
29	2025-11-29-29	University of Delaware	Chronic Low Back Pain in Older Adults: The Role of Co-Existing Hip Impairments	\$8,346,645	\$0	\$0
30	2025-11-29-30	University of Delaware	Propel: Strengthening Biomanufacturing Through Mobile Labs for Technology and Workforce Advancement	\$13,125,000	\$0	\$0
31	2025-11-29-31	University of Delaware	Collaborative Research: CPS-FR: Embodied Intelligent Agents, Multimodal AI, and Quantitative Ethnography for Training Geriatric Caregiving Communities	\$296,082	\$0	\$0
32	2025-11-29-32	University of Delaware	Time Restricted Eating for Dysregulated Eating Among Emerging Adult Women: A Single-Armed Mechanistic Clinical Trial	\$1,557,417	\$0	\$0
33	2025-11-29-33	University of Delaware	Understanding Chicken Gut Health: Quantifying Early-Life Stress Damage and In-Ovo Gains In Broiler Barrier, Nutrient Sensing, and Transport	\$209,346	\$0	\$0
34	2025-11-29-34	University of Delaware	Assessing the Effects of Soil Amendment and Subsoiling on Compacted Urban Land in the District of Columbia	\$0	\$0	\$30,840
35	2025-11-29-35	University of Delaware	Safeguarding Broiler Nutrient Efficiency Under Nanoplastic Stress ADME Mapping, Chronic Impacts, and Nanocurcumin Feed Mitigation	\$449,341	\$0	\$0
36	2025-11-29-36	University of Delaware	Decoupled Energy Cascades of Plasma Turbulence in the Presence of Compression and Anisotropy	\$383,528	\$0	\$0
37	2025-11-29-37	University of Delaware	Collaborative Research: NSF-BSF: Transforming the Design of Robot Navigation Functions with Targeted Machine Learning Interventions	\$292,563	\$0	\$0
38	2025-11-29-38	University of Delaware	Planting Timing Interactions with Nitrogen and Sulfur Availability	\$0	\$0	\$12,899
39	2025-11-29-39	University of Delaware	Developing Local Capacity for Curriculum-Based Coaching in Elementary Mathematics	\$592,764	\$0	\$0
40	2025-11-29-40	University of Delaware	AI-Supported P-PBL	\$381,182	\$0	\$0
41	2025-11-29-41	University of Delaware	Developing a Personalizable Intervention for Sentence Comprehension in Kids with Developmental Language Disorders	\$2,883,404	\$0	\$0
42	2025-11-29-42	University of Delaware	Electrification/V2X Standards and Open Source Efforts for the North American (and Japan) Charging System	\$0	\$0	\$62,500
43	2025-11-29-43	University of Delaware	Is Therapeutic Exercise Beneficial for Articular Cartilage and Subchondral Bone in Adults with Advanced Knee Osteoarthritis?	\$620,805	\$0	\$0
44	2025-11-29-44	University of Delaware	Novel Interaction at the Protei Level Between Six1 and Notch Signaling Mediated by Hey factors	\$1,250,000	\$0	\$0
45	2025-11-29-45	University of Delaware	Minor Consent Laws and Adolescent Access to Mental Health and Substance Use Treatment	\$2,814,651	\$0	\$0
46	2025-11-29-46	University of Delaware	Guiding Innate Signaling in Skin with Microneedle Arrays to Remote Duable Antigen-Specific Tolerance During Autoimmunity	\$0	\$0	\$255,575
47	2025-11-29-47	University of Delaware	Impairment-Based Low Back Pain Subgrouping to Develop Personalized Care Pathways	\$2,499,995	\$0	\$0
48	2025-11-29-48	University of Delaware	Utilizing Laser Induced Breakdown Spectroscopy (LIBS) for Soil Fertility Analysis	\$0	\$0	\$49,428

49	2025-11-29-49	University of Delaware	Are Interventions Supporting Physical Activity Modified by the Environment (InSPACE)	\$0	\$0	\$375
50	2025-11-29-50	University of Delaware	Expanding Awareness of Pasture, Rangeland and Forage Rainfall Index Insurance in the Midwest	\$0	\$0	\$16,835
51	2025-11-29-51	University of Delaware	Educating Western Producers About Interval Choices and Basis Risk in the Pasture, Rangeland and Forage Rainfall Index Insurance Program	\$0	\$0	\$9,642
52	2025-11-29-52	University of Delaware	Bermuda Offshore Wind Farm Seabed Characterization.	\$0	\$0	\$1,041,321
53	2025-11-29-53	University of Delaware	Creating New Tactile Sensations for Tactile Aids with Designer Materials	\$1,919,366	\$0	\$0
54	2025-11-29-54	University of Delaware	Unraveling the Nature of Compressible Plasma Turbulence: Theory, Simulation, and Space Observations	\$0	\$0	\$80,912
55	2025-11-29-55	University of Delaware	Probiotic Encapsulation and Delivery Using Modular Microgels to Promote Diabetic Wound Healing	\$2,985,735	\$0	\$0
56	2025-11-29-56	University of Delaware	Using Wearable Artificial Intelligence to Strengthen Ambulatory Assessments of Daily Stress Experiences in Naturalistic Environments	\$444,513	\$0	\$0
57	2025-11-29-57	University of Delaware	Systems-Level Regulation Of Post-Hatch Growth: Integrating Networks Between The Chicken Liver And Breast Muscle	\$453,444	\$0	\$0
58	2025-11-29-58	University of Delaware	Salt Squeeze of Mid-Atlantic Wetlands: Comparative Assessment of the Effects of Road Salt Versus Seawater Salinization on Nitrogen (N) Removal	\$236,422	\$0	\$0
59	2025-11-29-59	University of Delaware	Rethinking Rotations: Integrated Management Strategies for Reduction of Fusarium Head Blight and Mycotoxin Levels in Wheat	\$0	\$0	\$12,962
60	2025-11-29-60	University of Delaware	Collaborative Research: Computational and Mathematical Modeling for Efficient Design of Integrated Energy Micro-Generators	\$215,490	\$0	\$0
61	2025-11-29-61	University of Delaware	Co-Designed mHealth Intervention to Enhance Physical Activity and Psychosocial Health in Families with Autistic Youth	\$0	\$0	\$5,000
62	2025-11-29-62	University of Delaware	Phase V - Biochar Amendment of Bioretention and Highway Greenspace Study MOU	\$0	\$0	\$121,102
63	2025-11-29-63	University of Delaware	A New Paradigm for Transfer Learning, with Application to Predicting Residue Contact in Proteins	\$0	\$0	\$100,000
64	2025-11-29-64	University of Delaware	Collaborative Research: Spectroscopic Characterization of OBA Stars with Presumably Rotationally-Modulated Light Curves	\$48,780	\$0	\$0
65	2025-11-29-65	University of Delaware	Collaborative Research: Evolutionary Pathways for Magnetic Massive Stars	\$321,450	\$0	\$0
66	2025-11-29-66	University of Delaware	Delaware Apex FY27 Bowman	\$382,522	\$0	\$0
67	2025-11-29-67	University of Delaware	Struggling Citizens: What Mental Health Professionals Can Teach Us About Political Conflict in America	\$0	\$0	\$199,819
68	2025-11-29-68	University of Delaware	Community Engagement to Support Land Use Reform in Delaware	\$0	\$0	\$37,875
69	2025-11-29-69	University of Delaware	Glial and Neuronal Structure and Function in Developmental Stuttering-Related Gnptab Mouse Model	\$275,000	\$0	\$0
70	2025-11-29-70	University of Delaware	Catalyzing AI Challenge Teams in the Mid-Atlantic Region	\$17,707	\$0	\$0
71	2025-11-29-71	University of Delaware	Collaborative Research: WoU-MMA: IceCube Data Analysis in the U.S. 2026-2029	\$389,009	\$0	\$0
72	2025-11-29-72	University of Delaware	Vera Rubin Observatory: Multi-Messenger Science Enabled by the Implementation of Community-Driven Strategies and Coordinated Follow-up Observations	\$0	\$0	\$51,856

73	2025-11-29-73	University of Delaware	A Critical, Ecological Perspective on Wallace Foundation Research Production, Diffusion, and Use	\$0	\$0	\$28,696
74	2025-11-29-74	University of Delaware	DSFAS-CIN-FM: Automating HPAI Risk Assessments Using Waterfowl Modeling and Multimodal AI for Commercial Poultry and Dairy Farmers in the U.S.	\$0	\$0	\$202,474
75	2025-11-29-75	University of Delaware	Quantifying the Nitrogen Value and Yield Benefits of Manure to Improve Sustainable Cropping in the Northeast	\$267,387	\$0	\$0
76	2025-11-29-76	University of Delaware	Delaware's Quality Improvement System (QIS) for Early Care & Education Programs	\$0	\$0	\$68,000
77	2025-11-29-77	University of Delaware	AAP/CDC Ambassador 24-26 Supplemental	\$0	\$0	\$11,085
78	2025-11-29-78	University of Delaware	Change in Contraceptive Behavior and Associated Pregnancy Intentions About Births Following the Dobbs Decision	\$336,603	\$0	\$0
79	2025-11-29-79	University of Delaware	TIS Knotted Belly Bind Wearable	\$0	\$0	\$3,000
80	2025-11-29-80	University of Delaware	Examining Undergraduate Black Men's Discriminatory Interactions with College Career Services Staff Members at Historically White Institutions	\$0	\$0	\$3,000
81	2025-11-29-81	University of Delaware	Using Longitudinal Research to Engage Youth in the HIV Prevention and Care Continua and Reduce HIV/AIDS-Related Disparities	\$0	\$0	\$185,564
82	2025-11-29-82	University of Delaware	Collaborative Research: WoU-MMA: RNO-G Data Analysis in the U.S. 2026-2029	\$228,760	\$0	\$0
83	2025-11-29-83	University of Delaware	WoU-MMA: Scrutinizing Galactic Cosmic Rays by Combining Radio and Muon Detection at the Pierre Auger Observatory	\$629,937	\$0	\$0
84	2025-11-29-84	University of Delaware	WoU-MMA:Exploring the Extreme Universe with Imaging Atmospheric Cherenkov Telescopes	\$633,368	\$0	\$0
85	2025-11-29-85	University of Delaware	Delaware's Quality Improvement System (QIS) for Early Care & Education Programs	\$0	\$0	\$254,400
86	2025-11-29-86	University of Delaware	NOAA NWS National Mesonet Program 2021 - Amend 13	\$0	\$0	\$69,599
87	2025-11-29-87	University of Delaware	Democratizing Multimodal Social Media Research with Human-Centered Agentic AI	\$0	\$0	\$70,000
88	2025-11-29-88	University of Delaware	Parkinson's Disease Telehealth Clinic 2026	\$0	\$0	\$24,000
89	2025-11-29-89	University of Delaware	Robust Finite Element Discretization for Convection Dominated Problems Using Novel Bubble Upwinding Strategies	\$215,093	\$0	\$0
90	2025-11-29-90	University of Delaware	Enhancing the Future of Recreational Fishing in the Mid-Atlantic Region through Enhanced Fish Passage	\$62,025	\$0	\$0
91	2025-11-29-91	University of Delaware	A Predictive Turbulent Mix Model for Magnetized High-Energy-Density Plasmas	\$293,603	\$0	\$0
92	2025-11-29-92	University of Delaware	Exploring the Nature of Magnetic Reconnection in Turbulent Plasmas	\$360,200	\$0	\$0
93	2025-11-29-93	University of Delaware	Establishing the Science Behind Alzheimer's Recruitment Registries: Opportunities for Increasing Diversity and Accelerating Enrollment into Trials	\$0	\$0	\$227,736
94	2025-11-29-94	University of Delaware	Collaborative Research: Moment-Enhanced Shallow Water Models for Free Surface Flows	\$152,876	\$0	\$0
95	2025-11-29-95	University of Delaware	Category III: Citadel-P: Cyberinfrastructure for Intelligent, Trustworthy, Autonomous, and Efficient Data Lifecycle Management Keyword: Citadel-P	\$0	\$0	\$38,406
96	2025-11-29-96	University of Delaware	Remaking the World of Arturo Schomburg	\$0	\$0	\$99,097

97	2025-11-29-97	University of Delaware	Linking Marsh Migration and Sulfurization to Carbon Burial in Transgressive Salt Marshes	\$478,084	\$0	\$0
98	2025-11-29-98	University of Delaware	Development of High-Precision Atomic Methods and New Physics Searches	\$286,868	\$0	\$0
99	2025-11-29-99	University of Delaware	Determination of a New Litter Amendment on Ammonia Control in Broiler Houses Under Winter Conditions	\$0	\$0	\$31,321
100	2025-11-30-01	University of Delaware	Probing Environmental Macro-to-Molecular Drivers of Aggressive Breast Cancers for More Effective Therapeutic Strategies	\$3,074,686	\$0	\$0
101	2025-11-30-02	University of Delaware	UR2PhD: Undergraduate Research to PhD National Mentoring Program	\$0	\$0	\$29,320
102	2025-11-30-03	University of Delaware	Open Quantum System Treatment of Ultralight Dark Matter Detection	\$280,931	\$0	\$0
103	2025-11-30-04	University of Delaware	Advancing Soft Material Characterization: A Software Platform for Small-Angle Scattering Data Analysis	\$302,547	\$0	\$0
104	2025-11-30-05	University of Delaware	Amendment 2/SANOFI LNP Project	\$0	\$0	\$37,500
105	2021-11-06-01 Amendment	Delaware State University	Clinically Interpretable Multimodal Prediction of ICU Outcomes Using Structured and Unstructured EHR Data	\$50,000	\$0	\$0
106	2022-02-05-05 Amendment	Delaware State University	Predicting Opioid Consumption Patterns Among People Seeking Treatment for Substance Use Disorders / AMEND	\$49,409	\$0	\$0
107	2025-09-05-01 Amendment	Delaware State University	INBRE V (Federal)	\$117,815	\$0	\$0
108	2025-12-01-01	Delaware State University	Exploring the Potential Use of Njangsa (Ricinodendron heudelotii) Oil Seeds in Poultry Diets to Enhance Poultry Health and Product Quality	\$650,000	\$0	\$0
109	2025-12-01-02	Delaware State University	Infusing Neuroscience-Informed Argumentation to Enhance Engagement and Retention in Introductory Biology at Delaware State University	\$399,744	\$0	\$0
110	2025-12-01-03	Delaware State University	aiNsect - Volatile-Guided, AI-Enabled Pest Management in Diversified Berry Systems	\$750,000	\$0	\$0
111	2025-12-01-04	Delaware State University	Developing an Innovative Research Approach to Understanding Functional Genomics in Plant Abiotic and Biotic Stresses at Delaware State University	\$749,722	\$0	\$0
112	2025-12-01-05	Delaware State University	Touch, Listen and Learn: Developing a New Method for Testing Blind Infants	\$25,000	\$0	\$0
113	2025-12-01-06	Delaware State University	NCAA Accelerating Academic Success Program - Single Year Grant: DSU Athletics Academic Support Area	\$116,634	\$0	\$0

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