

**Delaware State Clearinghouse Committee  
January Agenda**

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

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

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

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

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

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

Updated 1/15/2024

**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 26, 2024 @ 10:00am

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">2024-01-23-01</a>	Executive, Office of Management and Budget, Fleet Management	Battery Electric Vehicle Grant	\$0	\$0	\$300,000	0.00	0.00	0.00
2	<a href="#">6204</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Blades Groundwater Remedial Design Operable Unit 2	\$14,406	\$0	\$0	0.05	0.00	0.00
3	<a href="#">6195</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Expanding the Public Health Workforce Within the Disability Network - ARP	\$121,081	\$0	\$0	0.00	0.00	0.00
4	<a href="#">5971 Amendment</a>	Delaware National Guard	Air National Guard Security Guard Agreement - Position Requests	\$0	\$0	\$0	4.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">6206</a>	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program Commodity Credit Corporation	\$132,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6205</a>	Legal, Department of Justice	High Intensity Drug Trafficking	\$142,234	\$0	\$0	0.00	0.00	0.00
3	<a href="#">5759 Amendment</a>	Department of Health and Social Services, Social Services	Refugee Cash and Medical Assistance Program	\$5,334,252	\$0	\$0	0.00	0.00	0.00
4	<a href="#">6170</a>	Department of Health and Social Services, Public Health, Community Health	Small, Underserved and Disadvantaged Communities Emerging Contaminants - IJA	\$19,407,000	\$0	\$0	0.00	0.00	0.00
5	<a href="#">6190</a>	Department of Health and Social Services, Public Health, Community Health	Sexual Violence Prevention and Education	\$250,286	\$0	\$0	0.00	0.00	0.00
6	<a href="#">6192</a>	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	1.50	0.00	0.00
7	<a href="#">6207</a>	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	<a href="#">6208</a>	Department of Health and Social Services, Public Health, Community Health	Universal Newborn Hearing Screening	\$235,000	\$0	\$0	1.50	0.00	0.00
9	<a href="#">6209</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children (WIC) Farmer's Market Nutrition Program - Administration	\$65,803	\$22,799	\$0	0.00	0.34	0.00
10	<a href="#">6210</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children (WIC) Farmer's Market Nutrition Program - Food	\$321,276	\$0	\$0	0.00	0.00	0.00
11	<a href="#">4160 Amendment</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Fish and Wildlife	Delmarva Fox Squirrel Conservation Plan Implementation	\$292,826	\$97,607	\$0	0.12	0.27	0.00
12	<a href="#">6102 Amendment</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Office of Environmental Protection, Air Quality	State Clean Diesel Grant Program	\$617,340	\$0	\$411,560	0.00	0.00	0.00
13	<a href="#">6202</a>	Department of Labor, Employment and Training, Employment and Training Services	Trade Adjustment Assistance	\$100,000	\$0	\$0	1.50	0.00	0.00
14	<a href="#">6203</a>	Department of Education, Early Childhood Support	Preschool Development Grant	\$8,000,000	\$2,400,000	\$0	0.00	0.00	0.00
<b>Higher Education</b>									
1	2024-02-03-01	University of Delaware	RFA-016 Conformal Metallized Conductors for Space-Based Electronics (STMD)	\$65,414	\$0	\$0			
2	2024-02-03-02	University of Delaware	Robot-Induced Personalized Ground Stiffness Perturbations for Long-Term Gait Adaptation and Rehabilitation After Stroke	\$307,642	\$0	\$0			
3	2024-02-03-03	University of Delaware	Study of the U.S. Institutes for Scholars (SUSI) 2022-2026	\$0	\$0	\$264,032			
4	2024-02-03-04	University of Delaware	Collaborative Research: Everyday Adaptations to Climate Change in the Texas Borderlands	\$93,013	\$0	\$0			

5	2024-02-03-05	University of Delaware	Validating Vertical Scales as Measures of Growth Using Moderated Nonlinear Factor Analysis	\$73,978	\$0	\$0
6	2024-02-03-06	University of Delaware	Design and Fabrication of Metalens for Triband Radome Treatment	\$0	\$0	\$113,520
7	2024-02-03-07	University of Delaware	Manufacturing Highly Potent Endothelial Cells for Tissue Engineered Vasculature	\$0	\$0	\$5,000
8	2024-02-03-08	University of Delaware	Phages as Lenses to Study Virus Assembly and Virus: Host Interactions	\$0	\$0	\$848,670
9	2024-02-03-09	University of Delaware	Development of an Autonomous Inhalation Robot for Chem/Bio (AIR-CB) for Real-World Estimation of Aerosolized Threats	\$476,191	\$0	\$0
10	2024-02-03-10	University of Delaware	Northeast Agriculture Risk Management Education (ARME) Center	\$6,027,151	\$0	\$0
11	2024-02-03-11	University of Delaware	Neanderthal Crossroads Project: North Macedonia Summer 2024	\$0	\$0	\$11,486
12	2024-02-03-12	University of Delaware	Proton-Electron Preferential Heating in Collisionless Plasmas	\$0	\$0	\$5,000
13	2024-02-03-13	University of Delaware	Fabrication Of NdFeB-Based Permanent Magnets Using Atomized Powders	\$0	\$0	\$50,123
14	2024-02-03-14	University of Delaware	Coordination and Dissemination of Technical Assistance to Support Rural Communities, Region 3	\$0	\$0	\$8,764
15	2024-02-03-15	University of Delaware	UNOLS East Coast Van Pool CY2018 - CY2022	\$2,204,800	\$0	\$0
16	2024-02-03-16	University of Delaware	Assessing Salt Marsh Condition and the Effects of Restoration in the Northeast	\$99,160	\$0	\$0
17	2024-02-03-17	University of Delaware	Collaborative Research: "Assessing Institutional Betrayal in Criminal and Civil Legal Systems: Impact on Black and Hispanic Women Survivors of Intimate Partner Violence."	\$233,574	\$0	\$0
18	2024-02-03-18	University of Delaware	Element of Play: Promoting Early Inclusive Learning and School Readiness in Ethiopia, Ukraine and Vietnam	\$0	\$0	\$162,011
19	2024-02-03-19	University of Delaware	Ramifications of Finite-Rank Perturbations	\$0	\$0	\$35,000
20	2024-02-03-20	University of Delaware	Neurobiological Markers of Language and Literacy in School-Age Monolingual and Spanish-English Bilingual Children With and Without DLD	\$0	\$0	\$1,117,459
21	2024-02-03-21	University of Delaware	Quantifying Adapted Balance Control in Chronic Stroke	\$0	\$0	\$2,000
22	2024-02-03-22	University of Delaware	Unmanned Aerial Systems for Determining Vegetative Establishment on ALDOT Construction Sites	\$0	\$0	\$10,800
23	2024-02-03-23	University of Delaware	Stretchable Shape Memory Alloys for Soft Robotics	\$0	\$0	\$47,500
24	2024-02-03-24	University of Delaware	A Decision Support Tool to Predict Protective and Non-Protective Services of Restored Oyster Reefs Under Different Sea Level Rise Scenarios	\$0	\$0	\$54,911
25	2024-02-03-25	University of Delaware	A Patient-Centered Approach to Interdisciplinary, Team-Based Concussion Care	\$0	\$0	\$102,247
26	2024-02-03-26	University of Delaware	Enabling Plant Natural Product Biosynthesis by Debugging Heterologous Protein Expression in Yeast	\$1,500,000	\$0	\$0
27	2024-02-03-27	University of Delaware	Multi-Spatial Resolution Sea Ice Motion Analysis: Integrating Remote Sensing and Deep Learning	\$49,379	\$0	\$0
28	2024-02-03-28	University of Delaware	Agriculture Risk Management Education Partnerships (ARME) Competitive Grants Program	\$2,025,126	\$0	\$0
29	2024-02-03-29	University of Delaware	Centering Blackness in Teacher Education Through the Use of Primary Sources	\$0	\$0	\$8,360
30	2024-02-03-30	University of Delaware	Phase IV Biochar Amendment of Highway Greenspace Study MOU	\$0	\$0	\$117,730
31	2024-02-03-31	University of Delaware	Collaborative Research: Watershed Impacts on Salt Marsh Hydrologic Functioning and Climate Change Resilience	\$132,782	\$0	\$0
32	2024-02-03-32	University of Delaware	SLES: Advancing Safe Learning for Autonomous Driving: A Co-Design of Software, Hardware, and System	\$978,638	\$0	\$0
33	2024-02-03-33	University of Delaware	Selenoprotein S interactions with the AAA ATPase p97 and Their Link to Cardiovascular Health	\$0	\$0	\$67,388
34	2024-02-03-34	University of Delaware	ML-ROCKS: Machine Learning Reaction Optimization of Carbonation KineticS	\$0	\$0	\$50,000

35	2024-02-03-35	University of Delaware	Saltwater Intrusion Modeling, Implementation, and Engagement for Rural and Agricultural Coastlines	\$0	\$0	\$294,627
36	2024-02-03-36	University of Delaware	A.5.3: Science Mission Directorate (SMD) Earth Science Division: Advancing Oceanographic Retrievals for NASA Airborne and Space-Based LiDAR Systems	\$646,316	\$0	\$0
37	2024-02-03-37	University of Delaware	SCiPE: Building a Computational and Data-Intensive Research Workforce & Network in the Mid-Atlantic Region	\$3,073,599	\$0	\$0
38	2024-02-03-38	University of Delaware	Center of Biomedical Research Excellence in Multiscale Biomolecular Sensing	\$7,800,000	\$0	\$0
39	2024-02-03-39	University of Delaware	Building Resilient Communities and Natural Infrastructure to Address Community Identified Goals of Reducing Systemic Flooding and Contamination Southeast Philadelphia and East Southbridge Wilmington	\$0	\$0	\$65,972
40	2024-02-03-40	University of Delaware	Leveraging Scientific Advances to Strengthen the Implementation, Evaluation, and Impacts of Intervention Programs for Children Experiencing Early Life Adversity	\$0	\$0	\$75,000
41	2024-02-03-41	University of Delaware	The Role of Histone Modifications in Sex-Specific Differences in Chromosome Structure During Meiosis	\$0	\$0	\$231,000
42	2024-02-03-42	University of Delaware	Next Generation MRI for Virtual Mechanical Testing of Bone Fracture Healing	\$0	\$0	\$92,684
43	2024-02-03-43	University of Delaware	Collaborative Research: Can Oaks Handle the Heat? Quantifying Adaptive Capacity, Physiological Drivers, and Trophic Interactions in a Changing Climate	\$629,532	\$0	\$0
44	2024-02-03-44	University of Delaware	Collaborative Research: RII Track-2 FEC: Risks, Impacts, & Strategies for Coastal Communities (RISCC): Advancing Convergent Science to Support Climate Change Adaptation & Resilience	\$1,992,535	\$0	\$0
45	2024-02-03-45	University of Delaware	MCS Communication Test	\$0	\$0	\$31,764
46	2024-02-03-46	University of Delaware	Delaware INBRE	\$3,406,224	\$0	\$0
47	2024-02-03-47	University of Delaware	ECO HAB Regional: The Emergence of Karenia Spp. in the Mid-Atlantic and New England Regions: Drivers of Blooms and Future Projections	\$0	\$0	\$251,226
48	2024-02-03-48	University of Delaware	RII Track-2 FEC: Advancing Climate Neutrality in Farming Communities Through Upcycling Natural Fiber Reinforced Fireproof Vitrimers Composites	\$0	\$0	\$1,178,742
49	2024-02-03-49	University of Delaware	CAREER: Intensifying Multi-Material Additive Manufacturing Using Advective Assembly	\$337,983	\$0	\$0
50	2024-02-03-50	University of Delaware	GOALI: Realizing Photonic Metamaterials with Grayscale and Asymmetric Indices of Refraction	\$338,302	\$0	\$0
51	2024-02-03-51	University of Delaware	Collaborative Research: CPS: Medium: Self-Reliant First Responder: A Real-time Reactive Adaptation Framework for Unforeseen Scenarios in Autonomous Driving	\$215,896	\$0	\$0
52	2024-02-03-52	University of Delaware	Stigma as a Potential Determinant of WIC Participation: An Exploratory Sequential Mixed Methods Analysis	\$0	\$0	\$19,472
53	2024-02-03-53	University of Delaware	Health Data Analysis	\$0	\$0	\$59,018
54	2024-02-03-54	University of Delaware	Cognitive and Neural Representations of Real-World Views	\$434,708	\$0	\$0
55	2024-02-03-55	University of Delaware	Collaborative Research: PPOSS: LARGE: Scaling Autonomous Vehicle Systems at the Edge: from On-Board Processing to Cloud Infrastructure	\$419,927	\$0	\$0
56	2024-02-03-56	University of Delaware	Disentangling the Effects of Daily Stress, Sleep, and Sex Hormones on Accelerated Vascular Aging in Midlife Women	\$275,000	\$0	\$0
57	2024-02-03-57	University of Delaware	Mentorship Training for Navigating Academic Identity Threats Among Trainees	\$249,315	\$0	\$0
58	2024-02-03-58	University of Delaware	Proposed Preceptorship Experience for Simon Herrera Suarez in the Delaware ACTIVE Lab	\$0	\$0	\$1,000
59	2024-02-03-59	University of Delaware	Extension Cohort Cultivemos Mini Grant Proposal	\$0	\$0	\$8,100
60	2024-02-03-60	University of Delaware	IR4 Northeast Region Minor Crop Pest Management Program FY24	\$0	\$0	\$8,000
61	2024-02-03-61	University of Delaware	Improving Litter Quality and Animal Welfare in Broiler Operations Through an Innovative Air Distribution System	\$0	\$0	\$61,661
62	2024-02-03-62	University of Delaware	A Novel Method at Poultry Hatcheries to Simultaneously Deliver Vaccines and Prebiotics/Probiotics	\$0	\$0	\$65,669

63	2024-02-03-63	University of Delaware	Collaborative Research: Seasonality Amplification Drives Distinct Feedback to the Air-Sea CO2 Flux in the Western Arctic Ocean	\$473,383	\$0	\$0
64	2024-02-03-64	University of Delaware	Heterogeneity in Response to Anti-Obesity Medications Among Diverse Pediatric Populations: Machine Learning Applied to Large-Scale Real-World Electronic Health Record Data	\$0	\$0	\$1,111,499
65	2024-02-03-65	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	\$24,308
66	2024-02-03-66	University of Delaware	Ultracool Subdwarfs: Using WISE to Train for Roman Space Telescope Discoveries	\$64,953	\$0	\$0
67	2024-02-03-67	University of Delaware	Learner-Adaptive, Pedagogical, Interactive Solutions (LAPIS) for Using Generative AI to Support Students in Introductory Computer Science	\$594,062	\$0	\$0
68	2024-02-03-68	University of Delaware	Real World Gait Mechanics as a Potential Modifier of Telehealth Exercise in Knee Osteoarthritis: A Nationwide Internet-Based Intervention Study	\$2,726,212	\$0	\$0
69	2024-02-03-69	University of Delaware	Transcriptional Control of Gene Expression in the Lens	\$1,250,000	\$0	\$0
70	2024-02-03-70	University of Delaware	Mechanical Vulnerability of the Aging Brain	\$0	\$0	\$786,050
71	2024-02-03-71	University of Delaware	Acquisition of Goods and Services	\$4,546	\$0	\$0
72	2024-02-03-72	University of Delaware	METALERT: Metadata Enhanced Threat Analysis and Logging to Enable Recovery of Triggers	\$0	\$0	\$257,425
73	2024-02-03-73	University of Delaware	Diffusions on Combinatorially Structured Spaces	\$0	\$0	\$35,000
74	2024-02-03-74	University of Delaware	Beyond the Spreads: New Insights and Constructions of Partial Difference Sets and Bent Functions	\$0	\$0	\$35,000
75	2024-02-03-75	University of Delaware	Constructing Divergence-Free Finite Elements	\$0	\$0	\$35,000
76	2024-02-03-76	University of Delaware	Neighborhood and Cognitive Function in Black Adults	\$2,628,994	\$0	\$0
77	2024-02-03-77	University of Delaware	Vascular and Cognitive Function, Exercise, and Chronic Kidney Disease	\$2,339,877	\$0	\$0
78	2024-02-03-78	University of Delaware	Establishing an Animal Model to Test Whether Early Puberty Confers Vulnerability to Depression in Females	\$98,857	\$0	\$0
79	2024-02-03-79	University of Delaware	Explaining Conformational Regulation of Virus Capsid Function Throughout Infection	\$1,250,000	\$0	\$0
80	2024-02-03-80	University of Delaware	A Share of the Machine: Techno-Politics, Labor, & the Struggle for Postwar Automation	\$0	\$0	\$15,000
81	2024-02-03-81	University of Delaware	Using an Experimental Approach to Increase Mothers' Enrollment and Retention in the WIC Program	\$0	\$0	\$58,491
82	2024-02-03-82	University of Delaware	Maximizing Yields of AAV and Elucidating the Role of Media Components Through Design and Optimization of AMBIC.293 Media	\$0	\$0	\$45,454
83	2024-02-03-83	University of Delaware	RFA-014, 2D Material-CMOS Optoelectronic Devices for Other Extra-Terrestrial Explorations, STMD	\$63,350	\$0	\$0
84	2024-02-03-84	University of Delaware	Host Specificity Evolution of Vector-Transmitted Pathogens	\$1,250,000	\$0	\$0
85	2024-02-03-85	University of Delaware	Enabling and Scaling Precise Multi-Ligand Controlled Biological Functions	\$1,250,000	\$0	\$0
86	2024-02-03-86	University of Delaware	A Unique Exploration to Identify Children with Developmental Language Disorder	\$294,666	\$0	\$0
87	2024-02-03-87	University of Delaware	US-Colombia Partnerships for Forest Health Sensing and Renewable Energy	\$0	\$0	\$27,174
88	2024-02-03-88	University of Delaware	An Analysis of Electoral Democracy in South Africa: Progress and Setback	\$0	\$0	\$5,000
89	2024-02-03-89	University of Delaware	Use of Biomaterials to Modulate T-Cells Phenotype to Treat and Mimic Autoimmune Diseases	\$0	\$0	\$222,000
90	2024-02-03-90	University of Delaware	The Impact of Anosmia on Active Olfaction	\$0	\$0	\$855,010
91	2024-02-03-91	University of Delaware	Dissecting the Role of Cardiac Hsp90β in Ischemia/Reperfusion Injury	\$0	\$0	\$272,727
92	2024-02-03-92	University of Delaware	Digital Phenotyping of Early Development in Neurogenetic Conditions	\$0	\$0	\$125,000



93	2024-02-03-93	University of Delaware	The interplay of Non-commutative Harmonic Analysis and Functional Analysis, with Applications in Combinatorics	\$0	\$0	\$35,000
94	2024-02-03-94	University of Delaware	Delaware INBRE (Supplement)	\$178,400	\$0	\$0
95	2024-02-03-95	University of Delaware	Ultra-Broadband High-Definition High-Frame Rate NIR-MWIR Imager	\$0	\$0	\$15,624
96	2024-02-03-96	University of Delaware	2024 Institute on Reading and Writing Pedagogy at Access-Oriented Institutions in Delaware	\$0	\$0	\$20,000
97	2024-02-03-97	University of Delaware	Thermophysical Testing of Composite Samples	\$0	\$0	\$11,037
98	2024-02-03-98	University of Delaware	GOALI: Understanding the Global Inventory of Trifluoroacetate: Isotopic Constraints	\$398,830	\$0	\$0
99	2024-02-03-99	University of Delaware	Conference: Workshop on Disaster Research: Innovating for an Imagined Disaster Future	\$114,964	\$0	\$0
100	2024-02-04-01	University of Delaware	2023 DOS ECA Excellence in Chinese Language and Culture NSLI-Y	\$0	\$0	\$8,508
101	2024-02-04-02	University of Delaware	Entrywise Matrix Transforms and Metric Geometry	\$0	\$0	\$35,000
102	2024-02-04-03	University of Delaware	Biomimetic Hydrogel Delivery of CK2.1 for Comprehensive Joint Repair	\$2,189,474	\$0	\$0
103	2024-02-04-04	University of Delaware	Navigating Protein Quality Control: Exploring Structural Transitions in p97's Flexible C-Termini and Its Partner Selenoprotein S	\$1,409,317	\$0	\$0
104	2024-02-04-05	University of Delaware	Predicting and Controlling Ion Mobility in Polymer Blend and Composite Electrolytes - Joint Experiment and Modeling Effort in Biasing Ion Conduction	\$300,306	\$0	\$0
105	2024-02-04-06	University of Delaware	A Pre-Clinical Model of the Cervicovaginal Environment to Capture Responses from Underrepresented Groups in Women's Health	\$140,000	\$0	\$0
106	2024-02-04-07	University of Delaware	Update Macy's Vendor Standards for Packaging to Meet the Extended Producer Responsibility (EPR) Requirements	\$0	\$0	\$65,000
107	2024-02-04-08	University of Delaware	Evaluation of FHB Management Strategies in DE following the MGMT Protocol	\$67,192	\$0	\$0
108	2024-02-04-09	University of Delaware	IL33 as a Potential Mediator of Aniridic Keratopathy	\$0	\$0	\$120,000
109	2024-02-04-10	University of Delaware	Vascular Effects of Dietary Potassium and Sodium on Pulsatile load	\$0	\$0	\$272,727
110	2024-02-04-11	University of Delaware	Planting Green: A Weed and Water Management Tool?	\$0	\$0	\$11,322
111	2024-02-04-12	University of Delaware	Development of a High Speed Aligned Fiber CBAM Testbed	\$0	\$0	\$66,735
112	2024-02-04-13	University of Delaware	How Does the Paretic Limb Disrupt Biomechanical Mechanisms of Walking-Stability Control After Stroke?	\$275,000	\$0	\$0
113	2024-02-04-14	University of Delaware	Obesity and Walking Stability Control in Older Adults	\$125,979	\$0	\$0
114	2024-02-04-15	University of Delaware	UD SPARK Physical Activity Study	\$0	\$0	\$1,200
115	2024-02-04-16	University of Delaware	Expanding the Microbial Chemistry Repertoire for Human & Environmental Health	\$0	\$0	\$100,000
116	2024-01-13-08 Amendment	Delaware State University	TiO2/Metal Oxide@Metal-Organic Framework (TiO2/MO@MOF) Composites: Solvent-Free Synthesis and Enhanced Photocatalytic Hydrogen Evolution	\$600,000	\$0	\$0
117	2024-02-10-01	Delaware State University	Modernization of Biomedical Research Facilities at an Historically-Black University	\$8,000,000	\$0	\$863,554
118	2024-02-10-03	Delaware State University	Center for Research and Education in Multiscale Bioengineering, Bioimaging, and Biosensing (REMB3 Center)	\$7,079,112	\$0	\$0
119	2024-02-10-04	Delaware State University	The Hope House Phase I	\$75,000	\$0	\$0

Created 2/5/2024

**Delaware State Clearinghouse Committee  
Revised March Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
March 26, 2024 @ 10:00am

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">6201</a>	Department of State, Office of the Director, Historic Preservation	African American Civil Rights History Grant	\$75,000	\$12,294	\$0	0.00	0.10	0.00
2	<a href="#">6211</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal, and Energy	Delaware Natural Estuarine Research Reserve Restoration of Habitat at Blackbird Creek - IJJA	\$353,746	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2024-01-03-01</a>	Department of Safety and Homeland Security, State Police, Transportation	Local Government First Responder Electric Vehicle Grant	\$0	\$0	\$169,265	0.00	0.00	0.00
4	<a href="#">6095 Amendment</a>	Department of Agriculture, Forest Service	Urban and Community Forestry - Core Program 2.00* NSF Positions Request	\$0	\$0	\$0	1.35*	0.00	0.00
5	<a href="#">6266</a>	Department of Education, Student Support	Child Nutrition Program Technology Innovation	\$373,134	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">6230</a>	Legal, Department of Justice	High Intensity Drug Trafficking Areas	\$130,842	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6219</a>	Department of Health and Social Services, Public Health, Community Health	National and State Tobacco Control Program	\$991,511	\$0	\$0	5.60	0.00	0.00
3	<a href="#">3798 Amendment</a>	Department of Natural Resources and Environmental Control, Natural Resources, Fish and Wildlife	Habitat Development Program	\$618,750	\$206,250	\$0	1.03	0.81	0.00
4	<a href="#">5046 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Clean Cities Coalition Grant	\$55,000	\$0	\$0	0.00	0.00	0.00
5	<a href="#">6198</a>	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	\$1,849,251	\$97,329	\$0	7.30	0.30	0.00
6	<a href="#">6221</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 154 Sanction Grant	\$1,399,396	\$0	\$0	0.00	0.00	0.00
7	<a href="#">5250 Amendment</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Public Assistance Hurricane Ida	\$3,131,382	-\$320,963	\$0	0.00	0.00	0.00
8	<a href="#">6223</a>	Department of Transportation, Planning	Delaware Aviation System Planning	\$48,150	\$5,350	\$0	0.00	0.00	0.00
9	<a href="#">6228</a>	Department of Agriculture, Agricultural Marketing Service	Senior Farmer's Market Nutrition Program	\$60,000	\$0	\$0	0.00	0.00	0.00
10	<a href="#">6092 Amendment</a>	Department of Agriculture, Forest Service	Forest Health	\$0	\$0	\$0	0.08*	0.00	0.00
11	<a href="#">6093 Amendment</a>	Department of Agriculture, Forest Service	Forest Stewardship	\$0	\$0	\$0	0.17*	0.00	0.00
12	<a href="#">6094 Amendment</a>	Department of Agriculture, Forest Service	State Fire Assistance	\$0	\$0	\$0	0.30*	0.00	0.00
13	<a href="#">6096 Amendment</a>	Department of Agriculture, Forest Service	Volunteer Fire Assistance	\$0	\$0	\$0	0.10*	0.00	0.00
<b>Higher Education</b>									
1	2024-03-02-01	University of Delaware	PROPEL: Creating an Environment for Biomufacturing Innovation and Workforce	\$13,978,228	\$0	\$0			
2	2024-03-02-02	University of Delaware	Collaborative Research: Autonomous Navigation and Independent Maneuvering with Agile Legged Swimmers (ANIMALS)	\$357,010	\$0	\$0			
3	2024-03-02-03	University of Delaware	TRAILBLAZER: The 7th Sense: A Synergistic Human-AI Interaction Framework for Augmenting Human Capabilities	\$1,911,749	\$0	\$0			
4	2024-03-02-04	University of Delaware	HelioSwarm: The Nature of Turbulence in Space Plasmas Phase B Prep	\$0	\$0	\$23,983			

5	2024-03-02-05	University of Delaware	PowerEdge XE8640 GPU Cluster for Molecular Dynamics Simulations and Machine Learning Computational Vibrational Spectroscopy of Ion Channels	\$170,417	\$0	\$0
6	2024-03-02-06	University of Delaware	Delmarva Resilience	\$0	\$0	\$30,992
7	2024-03-02-07	University of Delaware	Understanding Coastal Soil Salinity Dynamics Through Spectral Unmixing and Hydroclimatic Driver Assessment.	\$92,877	\$0	\$0
8	2024-03-02-08	University of Delaware	Impact of Lagrangian Coherent Structures on the Distribution of Phytoplankton in the Mid- Atlantic Bight Using Space-Based and Airborne LiDAR	\$143,849	\$0	\$0
9	2024-03-02-09	University of Delaware	Lagrangian Approaches to Understanding Phytoplankton Patchiness	\$143,849	\$0	\$0
10	2024-03-02-10	University of Delaware	Simulating Solar Neighborhood Brown Dwarfs to Guide Archival Searches and Future Surveys	\$143,088	\$0	\$0
11	2024-03-02-11	University of Delaware	Mobile Lab for Bridge Load Testing and Bridge Performance Testing-Feasibility and Conceptual Framework Study	\$4,000	\$0	\$0
12	2024-03-02-12	University of Delaware	Collaborative Research: Single Cell Analysis and Modeling of a Cellular Counting Mechanism in the Multiple Fission Alga Chlamydomonas	\$130,523	\$0	\$0
13	2024-03-02-13	University of Delaware	Optical Neural Motes to Enable High Density Recording Through Intact Dura in a Nonhuman Primate	\$0	\$0	\$17,500
14	2024-03-02-14	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	\$113,205
15	2024-03-02-15	University of Delaware	TRAILBLAZER: Catalyzing the Sustainability Transition (SAIT)	\$1,911,044	\$0	\$0
16	2024-03-02-16	University of Delaware	Role of Organelle Dynamics and Retrograde Signaling During Plant Innate Immunity	\$0	\$0	\$705,554
17	2024-03-02-17	University of Delaware	A Multilevel Analysis of Risk for Aggression	\$0	\$0	\$932,557
18	2024-03-02-18	University of Delaware	PAYS Survey Design Consultant	\$0	\$0	\$151,515
19	2024-03-02-19	University of Delaware	EFRI Begin OI: Teaching Non-Brain Organoids to Think: Programmable Organoid Intelligence Using Neuronal Networks Implemented by Gene Circuits (Progenic)	\$0	\$0	\$368,751
20	2024-03-02-20	University of Delaware	RFA-010, Microporous Organic Polymer (MOP) Based Monoliths: Atom Transfer Radical Polymerization (ATRP) Synthesis from Dual-Role Synthons and Application for Carbon Dioxide Capture and Catalytic Conversion of Carbon Dioxide, STMD	\$93,000	\$0	\$0
21	2024-03-02-21	University of Delaware	Improving the Quality of Evidence on Racial Disproportionately in Special Education: Fundamental Limitations from Current Approaches and the Application of New Methods Towards Proper Identification	\$0	\$0	\$20,979
22	2024-03-02-22	University of Delaware	Paternal Control of the Oocyte-to-Embryo Transition in C. Elegans	\$0	\$0	\$418,768
23	2024-03-02-23	University of Delaware	Collaborative Research: Tracking Nutrient Dynamics in Plant-Microbe Symbioses in Controlled Environments	\$319,097	\$0	\$0
24	2024-03-02-24	University of Delaware	NCHRP 08-181 Impacts of Climate Change and Extreme Weather on the Mobility of Socially Vulnerable Populations	\$0	\$0	\$52,173
25	2024-03-02-25	University of Delaware	Theme 1: AI Institute for Data-Driven Discovery in Astronomy	\$0	\$0	\$447,177
26	2024-03-02-26	University of Delaware	Computationally Designed Coiled Coil 'Bundlers' as Model Colloidal Nanoparticles for Solution Assembly and Materials Design	\$641,364	\$0	\$0
27	2024-03-02-27	University of Delaware	Delaware INBRE - Supplement	\$183,454	\$0	\$0
28	2024-03-02-28	University of Delaware	Unveiling the Layers of Food Stigma	\$0	\$0	\$68,926
29	2024-03-02-29	University of Delaware	National Research and Development Center on Elementary Science Education	\$0	\$0	\$406,224
30	2024-03-02-30	University of Delaware	Field Evaluation of a Novel Water Treatment System in Commercial Boiler Operations	\$0	\$0	\$6,148
31	2024-03-02-31	University of Delaware	CDI Mid-Atlantic 2024	\$0	\$0	\$93,549
32	2024-03-02-32	University of Delaware	Unravelling Patterns and Processes of Terrestrial and Aquatic Carbon Fluxes Under Hydroclimate Extremes	\$0	\$0	\$105,960

33	2024-03-02-33	University of Delaware	Service and Maintenance of the Chesapeake Bay Ocean Acidification Monitoring Station: In Support of National Ocean Acidification Observing Network (NOA-ON) Program FY24-26	\$0	\$0	\$65,625
34	2024-03-02-34	University of Delaware	Collaborative Research: EDGE-CMT: Allelic Expression Dynamics During Development and its Roles in Genotype-Phenotype Relationships	\$691,913	\$0	\$0
35	2024-03-02-35	University of Delaware	Practical Data-Centric AI/ML for Biomedical Researchers	\$75,106	\$0	\$0
36	2024-03-02-36	University of Delaware	Toolkit for Fast, Multipurpose and Inducible Bioorthogonal Chemistry - Equipment Supplement	\$65,597	\$0	\$0
37	2024-03-02-37	University of Delaware	Cerebrovascular and Cognitive Function in Chronic Kidney Disease	\$0	\$0	\$272,727
38	2024-03-02-38	University of Delaware	RFA-035, Small Reentry System for Commercial Payload Return, SOMD	\$93,000	\$0	\$0
39	2024-03-02-39	University of Delaware	RFA-020, Astronaut Restraints and Mobility Aids for Microgravity Spacecraft, ESDMD STMD	\$93,000	\$0	\$0
40	2024-03-02-40	University of Delaware	Sexism in Gaming Impacts Girls' Well-Being and Mental Health	\$349,058	\$0	\$0
41	2024-03-02-41	University of Delaware	Delaware INBRE	\$74,157	\$0	\$0
42	2024-03-02-42	University of Delaware	Addressing Lima Bean Diseases Through Cultivar Resistance and No-Till Planting	\$196,168	\$0	\$0
43	2024-03-02-43	University of Delaware	Youth Homelessness System Improvement (YHSI) Building on Partnerships Through Lived Experiences and Building an Integrated Data System	\$0	\$0	\$412,672
44	2024-03-02-44	University of Delaware	R/V Hugh R Sharp Ship Operations CY 2024-2028	\$4,936,285	\$0	\$0
45	2024-03-02-45	University of Delaware	Collaborative Research: NSF-BSF: Analyzing the Hydraulic Functioning of Connected Onshore-Offshore Freshened Groundwater Reserves	\$272,079	\$0	\$0
46	2024-03-02-46	University of Delaware	Collaborative Research: The Synthesis of Polymer Ionophores and Fabrication of Potentiometric Sensors for Carbonate Ion Detection in the Ocean	\$129,465	\$0	\$0
47	2024-03-02-47	University of Delaware	Collaborative Research: High-Resolution Modeling of Frazil Ice Generation in Turbid, Turbulent Coastal Waters	\$294,879	\$0	\$0
48	2024-03-02-48	University of Delaware	Model-Based Design of Experiments Methodology for Minimizing Experimental Efforts During Biopharmaceutical Drug Substance Development	\$0	\$0	\$130,974
49	2024-03-02-49	University of Delaware	Development of Complementary Machine Learning Workflows and RheoSANS-Microscope Instrumentation for Multiscale Characterization of Soft Matter Under Non-Equilibrium Conditions	\$990,628	\$0	\$0
50	2024-03-02-50	University of Delaware	Discovery of Chemical Probes and Therapeutic Leads: Equip Supplement	\$111,592	\$0	\$0
51	2024-03-02-51	University of Delaware	Mechanosignaling in Pediatric Brain Cancers	\$0	\$0	\$218,058
52	2024-03-02-52	University of Delaware	Developing MWEEs for the Indian River School District	\$0	\$0	\$48,501
53	2024-03-02-53	University of Delaware	Project Sentinel: Biopharma Supply Chain Resilience Via Digital Twinning	\$0	\$0	\$259,748
54	2024-03-02-54	University of Delaware	TRAILBLAZER: Nature vs. Nurture in Digital Twins, Triplets, Quadruplets, and Beyond	\$1,913,038	\$0	\$0
55	2024-03-02-55	University of Delaware	Collaborative Research: A Distributed Sensor Network for the Ocean's Bottom Boundary Layer	\$1,768,104	\$0	\$0
56	2024-03-02-56	University of Delaware	FuSe2 Topic 3: Super-Semiconductors with Ultrahigh Electrical Conductivity for Energy-Efficient Electronic Devices	\$951,188	\$0	\$0
57	2024-03-02-57	University of Delaware	Inspection / Light Work Class Remotely Operated Vehicle (ROV) for Improved Ocean Research Support from the University Of Delaware Research Vessel Hugh R. Sharp	\$791,767	\$0	\$0
58	2024-03-02-58	University of Delaware	2024 DOS ECA Excellence in Chinese Language and Culture NSLI-Y	\$0	\$0	\$361,856
59	2024-03-02-59	University of Delaware	Recycled Carrier Modulator for Low NF and High Linearity Microwave Photonic Links	\$0	\$0	\$118,463
60	2024-03-02-60	University of Delaware	Connecting Pest Management Resources and Technology to Delaware Stakeholders	\$877,006	\$0	\$0

61	2024-03-02-61	University of Delaware	Ammonia Stop Litter Amendment: Laboratory Experimental Evaluation Study	\$0	\$0	\$16,000
62	2024-03-02-62	University of Delaware	DURIP: Low Noise Testing Platform for Tracking the Dynamics of the Nanoscale Optoelectronic Devices with Electronic Gain	\$58,691	\$0	\$0
63	2024-03-02-63	University of Delaware	Annie E. Casey Foundation Kids Count Delaware Project Support 2024	\$0	\$0	\$52,174
64	2024-03-02-64	University of Delaware	Launching into Adulthood and Understanding College Health (LAUNCH): A Mixed-Method Exploration of the Transition to College	\$275,001	\$0	\$0
65	2024-03-02-65	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$202,425	\$0	\$0
66	2024-03-02-66	University of Delaware	Nephrogenesis on a Chip: A Simple Modular Platform to Spatially Pattern Extracellular Matrix, Stromal Cells, and Soluble Factors	\$275,000	\$0	\$0
67	2024-03-02-67	University of Delaware	In Vitro Evaluation of Vaginal Lubricant and Estrogen Therapies in Menopause Using in a Novel Microphysiological Model	\$275,000	\$0	\$0
68	2024-03-02-68	University of Delaware	Host Membrane Targeting by Phosphoinositide Binding Bacterial Effectors	\$275,000	\$0	\$0
69	2024-03-02-69	University of Delaware	Cell Wall-Derived Pet Radiotracers for Specific Imaging of Bacteria in Prosthetic Joint Infections	\$0	\$0	\$320,000
70	2024-03-02-70	University of Delaware	Trailblazer: Engineering a Scalable and Robust Approach to Linking Superconducting Quantum Computers to an Optical Quantum Internet	\$2,580,042	\$0	\$0
71	2024-03-02-71	University of Delaware	DURIP: High-Resolution Mass Spectrometry for Biocontainment Research & Education	\$505,135	\$0	\$0
72	2024-03-02-72	University of Delaware	Delaware Center for Musculoskeletal Research, Administrative Supplement for Equipment	\$250,000	\$0	\$0
73	2024-03-02-73	University of Delaware	Selenoprotein K at the Intersection of Cellular Pathways in Cancer	\$100,000	\$0	\$0
74	2024-03-02-74	University of Delaware	DPAA Mission Designation 24-1FM	\$0	\$0	\$245,271
75	2024-03-02-75	University of Delaware	Exploring Access and Decision Making in Post-School Pathways for Youth on the Autism Spectrum	\$0	\$0	\$346,032
76	2024-03-02-76	University of Delaware	Consequences of Sea-Level Driven Vegetation Shifts in a Coastal Forest Dieback Experiment	\$0	\$0	\$205,200
77	2024-03-02-77	University of Delaware	MCA: Robust Perceptive Locomotion for Humanoid Robots	\$236,139	\$0	\$0
78	2024-03-02-78	University of Delaware	NCHRP 08-181 Impacts of Climate Change and Extreme Weather on the Mobility of Socially Vulnerable Populations	\$0	\$0	\$51,659
79	2024-03-02-79	University of Delaware	Establishing a Stable Production Cell Line for Recombinant AAV Through Synthetic Dynamic Regulation and Reducing Regulatory and Metabolic Limitations	\$341,106	\$0	\$0
80	2024-03-02-80	University of Delaware	Millea_PED Atlantic Sturgeon Recruitment and Spawning Run Abundance Monitoring in the Delaware River, USA	\$184,059	\$0	\$0
81	2024-03-02-81	University of Delaware	Coastal States Stewardship Foundation/Marco Maracoos Support	\$0	\$0	\$78,125
82	2024-03-02-82	University of Delaware	Using Eprotein Discovery™ to Access Challenging-to-Manufacture Proteins Across a Diverse R&D Network	\$0	\$0	\$0
83	2024-03-02-83	University of Delaware	Promoting Internships in French at the University of Delaware	\$0	\$0	\$20,000
84	2024-03-02-84	University of Delaware	The Eye as a Window into Sickle Cell Disease Morbidity - Using Machine Learning and Genomic Information to Predict Retinal and Brain Damage	\$0	\$0	\$200,000
85	2024-03-02-85	University of Delaware	High Throughput Bacterial Macrophage Invasion Systems for the Development of Trojan Horse Mucus Inhibitors for Cystic Fibrosis	\$0	\$0	\$248,412
86	2024-03-02-86	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	\$187,500	\$0	\$0
87	2024-03-02-87	University of Delaware	Longitudinal Associations Between Discrimination and C-Reactive Protein in U.S. Black Adults	\$0	\$0	\$9,969
88	2024-03-02-88	University of Delaware	Sustainable Mobility & Accessibility Regional Transportation Equity Research (SMARTER) Center	\$0	\$0	\$127,906
89	2024-03-02-89	University of Delaware	Modulated Electrification of Chemical Manufacturing	\$649,173	\$0	\$0
90	2024-03-02-90	University of Delaware	University of Delaware (UD) U-GAIN Center on AI in Education	\$7,028,198	\$0	\$0

91	2024-03-02-91	University of Delaware	Rusty Rhizosphere: Understanding Fe Plaque Formation and Transformation in the Rice Rhizosphere and the Consequent Fate of As And P	\$767,846	\$0	\$0
92	2024-03-02-92	University of Delaware	Greenhouse Gas Emissions from Different Grazing Systems on the Eastern Shore of Maryland	\$0	\$0	\$50,000
93	2024-03-02-93	University of Delaware	Unraveling the Effect of Biomass Pretreatment Impurities on Catalytic Production of Sustainable Aviation Fuels	\$649,172	\$0	\$0
94	2024-03-02-94	University of Delaware	Sedentary Behavior in Knee Osteoarthritis: A Nationwide Internet-Recruited Observational Study	\$2,575,867	\$0	\$0
95	2024-03-02-95	University of Delaware	Collaborative Research: CSR: Small: CADaaS: Deterministic Communication and Computation for Connected Autonomous Driving as a Service	\$187,735	\$0	\$0
96	2024-03-02-96	University of Delaware	MCA: Advancing the Embodiment of Lower Limb Prostheses for Real-World Dynamic and Compliant Terrains	\$323,819	\$0	\$0
97	2024-03-02-97	University of Delaware	Correlating Biosecurity Data to Waterfowl Risk Scoring Using the WaterFowl Alert Network (WFAN) to Identify Novel and Actionable Risk Factors Associated with Commercial Poultry Farms Affected by Highly Pathogenic Avian Influenza (HPAI)	\$0	\$0	\$35,062
98	2024-03-02-98	University of Delaware	High-Throughput Spectroscopic Tools that Reduce the Equipment, Time, and Material Volume Required to Characterize New Compounds	\$0	\$0	\$88,739
99	2024-03-02-99	University of Delaware	Roles and Interplay of the Multiple Processes Underlying Exploratory and Adaptive Sensorimotor Behavior	\$1,918,359	\$0	\$0
100	2024-03-03-01	University of Delaware	Are Striped Cucumber Beetles Developing Pyrethroid Resistance in the Mid-Atlantic?	\$0	\$0	\$1,184
101	2024-03-03-02	University of Delaware	Beyond Adoption: Theory and Empirics to Predict and Understand the Sustained Use of Cover Crops by Agricultural Producers	\$0	\$0	\$55,357
102	2024-03-03-03	University of Delaware	To Borrow a Phrase: An Investigation of the News Media's Role in Racialized Student Loan Policy Communication	\$0	\$0	\$3,853
103	2024-03-03-04	University of Delaware	Electrophoretically Deposited Nanocomposite Sensors with Rope Contraction and Angle Sensor Module for in Situ Mooring Condition Monitoring System	\$0	\$0	\$94,444
104	2024-03-03-05	University of Delaware	Collaborative Research: Paralog-Specific Regulons from a Single Network Architecture: A New Mechanism of Transcription Factor Functional Divergence	\$187,218	\$0	\$0
105	2024-03-03-06	University of Delaware	Understanding Structural Evolution and Mechanistic Transformations in Multifunctional Catalysts for Biomass Conversion to Sustainable Aviation Fuel	\$686,537	\$0	\$0
106	2024-03-03-07	University of Delaware	Adding Insult to Injury: Determining the Effects of Mild Traumatic Brain Injury History on Age-Related Balance Decline	\$2,931,812	\$0	\$0
107	2024-03-03-08	University of Delaware	The Mechanisms Underlying Posterior Capsular Opacification	\$2,121,245	\$0	\$0
108	2024-03-03-09	University of Delaware	Delaware INBRE (Supplement)	\$623,466	\$0	\$0
109	2024-03-03-10	University of Delaware	Investigating Viral Influences Within Subsurface Oil Reservoirs	\$0	\$0	\$125,000
110	2024-03-03-11	University of Delaware	Enzymatic Activity and Structure of E. coli's RNA Cap Decapping Protein: NudC	\$0	\$0	\$1,000
111	2024-03-03-12	University of Delaware	Quantum-Classical Algorithms for Hybrid Extreme-Scale and Quantum Computing Systems	\$651,134	\$0	\$0
112	2024-03-03-13	University of Delaware	Discovery of Molecular Probes and Therapeutic Leads, Phase II	\$667,324	\$0	\$0
113	2024-03-03-14	University of Delaware	From Vine to Table: Exploring Consumer Preferences and Sensory Perceptions for Watermelon Varieties	\$0	\$0	\$9,576
114	2024-03-03-15	University of Delaware	RISE: Resilient, Intelligent, Safe and Equitable Autonomous Vehicle Systems for Rural and Tribal Communities	\$0	\$0	\$402,430
115	2024-03-03-16	University of Delaware	Probing the Formation and Evolution of the Atlantis Massif Oceanic Core Complex with Olivine Trace Elements	\$0	\$0	\$1,440
116	2024-03-03-17	University of Delaware	Physics-Informed AI-powered Data Fusion and Augmentation Toward Intra-Wave Driven Beach Morphodynamics (PAD-FABM)	\$0	\$0	\$137,804
117	2024-03-03-18	University of Delaware	Plasmodesmal Targeting: Rules and Machinery	\$930,478	\$0	\$0
118	2024-03-03-19	University of Delaware	Improving Professional Development in Mathematics by Understanding the Mechanisms that Translate Teacher Learning into Student Learning	\$92,215	\$0	\$0

119	2024-03-20	University of Delaware	MCA: Farmers' Behavior Toward Data Governance Linked to Smart Farming for Sustainable Agrifood Systems	\$0	\$0	\$8,444
120	2024-03-21	University of Delaware	Towards the Automated Detection of Counterfeit Identification with Artificial Intelligence and Data Fusion	\$0	\$0	\$6,250
121	2024-03-22	University of Delaware	Towards the Automated Detection of Counterfeit Identification with Artificial Intelligence and Data Fusion	\$0	\$0	\$6,250
122	2024-03-23	University of Delaware	Understanding Degradation and Regeneration Pathways in CO2 Reduction Electrocatalysts Via Machine Learning	\$0	\$0	\$6,250
123	2024-03-24	University of Delaware	Understanding Degradation and Regeneration Pathways in CO2 Reduction Electrocatalysts Via Machine Learning	\$0	\$0	\$6,250
124	2024-03-25	University of Delaware	A Proposal to Improve the Kmb Capacity of Education Researchers	\$316,950	\$0	\$0
125	2024-03-26	University of Delaware	Delaware Center for Musculoskeletal Research Administrative Supplement	\$317,072	\$0	\$0
126	2024-03-27	University of Delaware	Multifunctional Sinal/Antibody Nanocarriers to Treat Metastatic Triple-Negative Breast Cancer	\$2,002,023	\$0	\$0
127	2024-03-28	University of Delaware	A Temporally Tunable Autonomic Genetic Fuse for Use of Engineered Microbes in Open Environments	\$422,095	\$0	\$0
128	2024-03-29	University of Delaware	High Dynamic Range SWIR Imaging Arrays Using DROICs and Wafer Level Hybridization	\$0	\$0	\$15,938
129	2024-03-30	University of Delaware	Megawatt Charging System Standard Development	\$0	\$0	\$281,895
130	2024-03-31	University of Delaware	Demonstration/Validation of an Optimized Flexible Production Wastewater Treatment Train for Industrial Base Applications	\$0	\$0	\$234,513
131	2024-03-32	University of Delaware	S-STEM: Expanding Research Success in Artificial Intelligence, Machine Learning, and Data Science	\$1,707,253	\$0	\$0
132	2024-03-33	University of Delaware	The Role of Spatial Organization on Plastic Degradation Rates in Plastic-Degrading Biofilms	\$1,752,751	\$0	\$0
133	2024-03-34	University of Delaware	Hybrid Fibrous Materials Structures for Extreme Thermal Environments	\$0	\$0	\$14,234
134	2024-03-35	University of Delaware	Torsional Resonator System for the Simultaneous Measurement of Density and Viscosity at High Temperature	\$0	\$0	\$4,687
135	2024-03-36	University of Delaware	ISGF Bi-Directional Project	\$0	\$0	\$33,182
136	2024-03-37	University of Delaware	Building Global Competencies Related to a Sustainable Textile and Apparel Industry and Consumers	\$105,005	\$0	\$0
137	2024-03-38	University of Delaware	2024 MLA Institute on Reading and Writing Pedagogy at Access-Oriented Institutions	\$0	\$0	\$5,000
138	2024-03-39	University of Delaware	Supplemental- QLCI-CI: Enhanced Sensing and Distribution Using Quantum States	\$0	\$0	\$111,501
139	2024-03-40	University of Delaware	Lexico-Semantic Abilities in Early Language Growth and Delay	\$0	\$0	\$11,047
140	2024-03-41	University of Delaware	Development of Carrier Selective Contacts for Sulfur Passivated Si Solar Cells	\$161,801	\$0	\$0
141	2024-03-42	University of Delaware	Effects of Substrate Thermal Expansion Mismatch to Improve CdTe Solar Cells	\$155,479	\$0	\$0
142	2024-03-43	University of Delaware	Enhancing Resilience, Equity, and Prediction of the Mid-Atlantic Ocean, Coast, and Estuaries	\$4,139,873	\$0	\$0
143	2024-03-44	University of Delaware	Meeting Local Resilience Needs Through National and Pan-Regional Collaboration	\$39,550,289	\$0	\$0
144	2024-03-45	University of Delaware	Wearable Monitoring of Respiratory Changes in Heat Stress	\$0	\$0	\$22,603
145	2024-03-46	University of Delaware	Institutional Consensus of Character Education	\$0	\$0	\$52,139
146	2024-03-47	University of Delaware	Soymeal Based Hydrogel for Sustainable Release of Plant Volatiles	\$0	\$0	\$150,000
147	2024-03-48	University of Delaware	Collaborative Research: Uncovering the Role of Stemflow in the Cycling of Water and Solutes in Coastal Forests Under Stress from Sea Level Rise	\$209,517	\$0	\$0
148	2024-03-49	University of Delaware	Interface Improvement for Efficient Electron Transport in Vapor Transport Deposited Perovskite Solar Cells	\$161,801	\$0	\$0

149	2024-03-03-50	University of Delaware	MotherSHIPP (Mothers' Support and Health in Pregnancy & Parenting)	\$171,183	\$0	\$0
150	2024-03-03-51	University of Delaware	Using Sensory and Motor System Changes to Detect Preclinical Alzheimer's Disease	\$3,112,852	\$0	\$0
151	2024-03-03-52	University of Delaware	Permeability and Impregnation in 3D Woven Fabrics	\$0	\$0	\$24,096
152	2024-03-03-53	University of Delaware	Resolving the Production of Volatile Organofluorine (VOF) Products and Chlorine-Bearing VOF from Thermal Treatment of PFAS Using HRAM Orbitrap	\$0	\$0	\$187,004
153	2024-03-03-54	University of Delaware	The Locker Room Files: Developing Data-Driven Digital Well-Being Strategies to Mitigate Social Media Effects on Mental Health, Well-Being, and Team Relationship	\$0	\$0	\$27,955
154	2024-03-03-55	University of Delaware	Gut Function and the Menopausal Transition	\$0	\$0	\$181,818
155	2024-03-03-56	University of Delaware	Broadening Interest in Soft Material Design Through TikTok Rheology	\$0	\$0	\$18,750
156	2024-03-09-02	Delaware State University	Elimination of Senescent Glia as a Therapeutic Approach in Lewy Body Pathology	\$2,260,000	\$0	\$0
157	2024-03-09-03	Delaware State University	Diversity Supplement for Continuously Supporting URM Neuroscience PhD Students	\$688,600	\$0	\$0
158	2024-03-09-04	Delaware State University	Collaborative Research: The Synthesis of Polymer Ionophores and Fabrication of Potentiometric Sensors for Carbonate Ion Detection in the Ocean	\$290,800	\$0	\$0
159	2024-03-09-05	Delaware State University	Developing MWEEs for the Indian River School District	\$280,949	\$0	\$0
160	2024-03-09-06	Delaware State University	Geriatrics Workforce Enhancement Program	\$5,000,000	\$0	\$0
161	2024-03-09-07	Delaware State University	W.E.B. Du Bois AI Research Center	\$499,597	\$0	\$0

Revised 3/21/2024



**Delaware State Clearinghouse Committee**

**April Agenda**

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

**April 16, 2024 @ 10:00am**

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

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

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

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

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

Created 04/02/2024

**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 21, 2024 @ 10:00am

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">6172</a>	Department of Health and Social Services, Public Health, Community Health	Lead Hazard Reduction Demonstration	\$1,500,000	\$150,000	\$0	0.00	1.00	0.00
2	<a href="#">6272</a>	Department of Services for Children, Youth and Their Families, Family Services, Intake and Investigations	Pathways 1 Prevention Program - ARP	\$490,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">6268</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Air Monitoring - Inflation Reduction Act	\$686,999	\$0	\$0	0.00	0.00	0.00
4	<a href="#">6269</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Climate Pollution Reduction Implementation	\$38,960,532	\$0	\$0	0.00	0.00	0.00
5	<a href="#">6350</a>	Department of Elections, State Election Commissioner	Electronic Absentee Systems for Elections (EASE 3.0)	\$268,830	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">6150</a>	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
2	<a href="#">6213</a>	Department of Health and Social Services, Public Health, Community Health	Hepatitis C Increased Testing and Diagnosis	\$315,000	\$0	\$0	1.50	0.00	0.00
3	<a href="#">6220</a>	Department of Health and Social Services, Public Health, Community Health	Title X Family Planning Services	\$1,626,952	\$843,362	\$0	4.00	5.00	0.00
4	<a href="#">6258</a>	Department of Health and Social Services, Public Health, Community Health	Advancing Retail Program Standards Conformance through Inspection Equipment	\$5,000	\$0	\$0	0.00	0.00	0.00
5	<a href="#">6285</a>	Department of Health and Social Services, Public Health, Community Health	Emergency Medical Services for Children Partnership	\$205,000	\$17,593	\$0	0.00	0.20	0.00
6	<a href="#">6163 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	National Diabetes Prevention Program	\$50,000	\$0	\$0	0.20	0.00	0.00
7	<a href="#">6264</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	State Memorandum of Agreement Program for the Reimbursement of Technical Services	\$80,380	\$0	\$0	0.24	0.00	0.00
8	<a href="#">6270</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Endangered Species Program	\$48,982	\$8,130	\$0	0.00	0.04	0.00
9	<a href="#">6271</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Rare Plant Conservation	\$16,695	\$5,565	\$0	0.00	0.02	0.00
10	<a href="#">6235</a>	Department of Safety and Homeland Security, State Police, Executive	USAG Asset Forfeiture - Justice	\$3,000,000	\$0	\$0	0.00	0.00	0.00
11	<a href="#">6236</a>	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	<a href="#">6046 Amendment</a>	Department of Labor, Unemployment Insurance	Reemployment and Eligibility Assessment	\$327,100	\$0	\$0	0.00	0.00	0.00
13	<a href="#">6255</a>	Department of Education, Academic Support	Individuals with Disabilities Education Act, Part B	\$44,305,418	\$0	\$0	10.75	0.00	0.00
14	<a href="#">6267</a>	Department of Education, Student Support	Rural and Low-Income Schools	\$204,602	\$0	\$0	0.00	0.00	0.00
15	<a href="#">6273</a>	Department of Education, Student Support	Prevention and Intervention Programs for Children	\$466,115	\$0	\$0	0.00	0.00	0.00
16	<a href="#">6275</a>	Department of Education, Student Support	Migrant Education Program Consortium Incentive	\$114,817	\$0	\$0	0.00	0.00	0.00
17	<a href="#">6276</a>	Department of Education, Student Support	Education for Homeless Children and Youth	\$403,784	\$0	\$0	0.15	0.00	0.00

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

18	<a href="#">6277</a>	Department of Education, Student Support	Adult Basic Education	\$1,961,151	\$1,584,738	\$0	0.10	0.00	0.00
19	<a href="#">6281</a>	Department of Education, Student Support	Title I, Part C Migrant Education	\$506,497	\$0	\$0	1.30	0.00	0.00
20	<a href="#">6284</a>	Department of Education, Student Support	Title IV, Part B Twenty-First Century Community Learning Centers	\$6,515,398	\$0	\$0	0.80	0.00	0.00
21	<a href="#">6287</a>	Department of Education, Early Childhood Support	Early Head Start	\$3,057,145	\$764,286	\$0	2.90	0.00	0.00
22	<a href="#">2024-04-01-01</a>	Caesar Rodney School District	Dover Air Force Base School Budget	\$11,516,943	\$0	\$0	0.00	0.00	0.00

**Higher Education**

1	2024-05-04-01	University of Delaware	Hyperspectral Reconfigurable Computational Integrated Photonic Imager for Vegetation Survey	\$438,130	\$0	\$0			
2	2024-05-04-02	University of Delaware	FMRG: BIO: Microorganism Enabled Manufacturing of RNA Nanostructures for Bioengineering and Medicine	\$0	\$0	\$412,559			
3	2024-05-04-03	University of Delaware	NSF-DBT Joint Proposal: Microbiome Engineering in Rice for Climate Resilience and Enhancing Nutrient Efficiency	\$383,775	\$0	\$0			
4	2024-05-04-04	University of Delaware	INTERN: Thermoradiative Energy Conversion Devices Based on Narrow Bandgap Antimonide Semiconductors	\$29,550	\$0	\$0			
5	2024-05-04-05	University of Delaware	Identifying Disturbances Related to Adolescent Depression and Anxiety in the Brain Networks Supporting Emotion Regulation: A Graph Theory Approach	\$101,528	\$0	\$0			
6	2024-05-04-06	University of Delaware	Tailoring a Patient Engagement Framework for Substance Use Disorder Research	\$107,862	\$0	\$0			
7	2024-05-04-07	University of Delaware	Research and Evaluation on Violence Against Women Training for Trauma: Family Court Mediators in Delaware	\$314,584	\$0	\$0			
8	2024-05-04-08	University of Delaware	Tailoring Hydroponic Factors to Controlled-Environment Production of Emerging Food Crops	\$45,044	\$0	\$0			
9	2024-05-04-09	University of Delaware	Chemotherapeutic Drug Carriers to Treat Metastatic Cancer	\$0	\$0	\$270,000			
10	2024-05-04-10	University of Delaware	Addressing Critical Needs to Improve Competitiveness of the US Stevia Industry	\$0	\$0	\$231,255			
11	2024-05-04-11	University of Delaware	Modulation of Microbiome-Gut-Brain Axis in Chickens with Necrotic Enteritis Infection	\$0	\$0	\$404,482			
12	2024-05-04-12	University of Delaware	NOAA NWS National Mesonet Program 2021	\$0	\$0	\$19,192			
13	2024-05-04-13	University of Delaware	UOL Finance Laux Academic Summer Program FY24	\$0	\$0	\$55,833			
14	2024-05-04-14	University of Delaware	SPEED: Scientific Partnership for Effective and Efficient Development	\$19,744,375	\$0	\$0			
15	2024-05-04-15	University of Delaware	FMRG: Bio: On-Demand Manufacturing of Glycoengineered Biologics Enabled by Next-Gen GlycoSequencing & NanoSensing Technologies	\$0	\$0	\$337,562			
16	2024-05-04-16	University of Delaware	Tier 1 UTC-Railroad	\$0	\$0	\$32,052			
17	2024-05-04-17	University of Delaware	FMSG CYBER: Controlling Chemical Reactivity of Semiconductor Interfaces Via Pulsed-Laser Radiation	\$0	\$0	\$155,917			
18	2024-05-04-18	University of Delaware	An Integrative Multi-Omics Approach for Systematic Identification of Sheddase Substrates and Targets	\$275,000	\$0	\$0			
19	2024-05-04-19	University of Delaware	An AI-Based Ground Robotic Vision System to Automate Inventory and Quality Assessment of Bareroot Seedlings in Forest Tree Nursery Production	\$338,101	\$0	\$0			
20	2024-05-04-20	University of Delaware	Identifying Sub-Groups of People with Achilles Tendon Pain Attending NHS Services: An Observational Study with Qualitative Exploration	\$0	\$0	\$25,763			
21	2024-05-04-21	University of Delaware	Determination of Timber Genus and Provenance by Machine Learning of Spectroscopic Signatures	\$199,353	\$0	\$0			
22	2024-05-04-22	University of Delaware	Korean Studies 2024 Support for Employment of Contract Faculty Member	\$0	\$0	\$17,445			
23	2024-05-04-23	University of Delaware	Using Longitudinal Research to Engage African American and Latinx Sexual- and Gender-Minority Youth in the HIV Prevention and Care Continua and Reduce HIV/AIDS-Related Disparities	\$0	\$0	\$40,275			

24	2024-05-04-24	University of Delaware	Tools4Cells: Realtime Metabolite Sensing and Metabolon Formation Via Biomolecular Condensates	\$643,374	\$0	\$0
25	2024-05-04-25	University of Delaware	Collaborative Research: Deformation-Dependent Adhesion of Stretched Compliant Networked Polymer Systems	\$176,130	\$0	\$0
26	2024-05-04-26	University of Delaware	Delaware Youth Count: A Researcher-Practitioner Partnership to Identify the Number of Unhoused Youth in Delaware	\$0	\$0	\$144,431
27	2024-05-04-27	University of Delaware	Designing Nanoparticle-Based Multivalent Vaccines for Aged Population	\$156,539	\$0	\$0
28	2024-05-04-28	University of Delaware	Live Bacterial Vaccine Development for Lung Cancer Treatment	\$0	\$0	\$86,273
29	2024-05-04-29	University of Delaware	Developing a Next Generation Vaccine for Staphylococcus Aureus Using an Expanded Genetic Code	\$0	\$0	\$91,273
30	2024-05-04-30	University of Delaware	Minimally Invasive Phosphine Sensors for Storage Containers	\$0	\$0	\$219,349
31	2024-05-04-31	University of Delaware	Center for Plastics Innovation	\$11,248,145	\$0	\$0
32	2024-05-04-32	University of Delaware	Do Micronutrient Fertilizers Help Reduce Herbicide Injury and Impact Weed Control?	\$0	\$0	\$6,490
33	2024-05-04-33	University of Delaware	Soybean Yield Response to Biologicals	\$0	\$0	\$5,700
34	2024-05-04-34	University of Delaware	Mobilities: Movement and Energy in a Changing South Africa	\$60,000	\$0	\$0
35	2024-05-04-35	University of Delaware	Supporting Post-Award Data Sharing Through a Unique Collaboration Between the Library, the Research Office, and the College of Health Sciences	\$307,318	\$0	\$0
36	2024-05-04-36	University of Delaware	NSF-DBT: Production and Dynamic Regulation of Essential Aromatic Amino Acids in CHO Cell Biomanufacturing	\$306,852	\$0	\$0
37	2024-05-04-37	University of Delaware	NSF GFRP Rossi Hurley	\$40,291	\$0	\$0
38	2024-05-04-38	University of Delaware	Development and Characterization of Phosphate-Based Geopolymer Materials	\$34,419	\$0	\$0
39	2024-05-04-39	University of Delaware	FMSG: Eco: Development of Next-Generation Microwave-Assisted Pyrolysis Reactor for Energy-Efficient Biochar Production	\$409,840	\$0	\$0
40	2024-05-04-40	University of Delaware	FMSG:Bio Bundlemer Biosynthesis for Scalable Production of Environmentally Compatible Polymer Network Films	\$318,475	\$0	\$0
41	2024-05-04-41	University of Delaware	NSF-DBT: Designing Shelf-Stable, Biocontained, and Amperometric Whole Cell Biosensors for Water Pollutants	\$257,390	\$0	\$0
42	2024-05-04-42	University of Delaware	Study of the U.S. Institutes Madeline K. Albright Young Women Leaders Program for Young Women Leaders	\$0	\$0	\$204,794
43	2024-05-04-43	University of Delaware	Army Strategic Program for Innovation & Employment (ASPIRE)	\$0	\$0	\$3,310
44	2024-05-04-44	University of Delaware	FMRG: Eco: Revolutionizing Zeolite Manufacturing with Electrification and Machine Intelligence	\$2,287,048	\$0	\$0
45	2024-05-04-45	University of Delaware	Thermal Protection for Hypersonic Vehicles	\$0	\$0	\$374,777
46	2024-05-04-46	University of Delaware	The Impact of Socio-Determinants of Health on the Employment Experiences and Psychological Well-Being of Center-Based Health Care Workers Before and During the Covid-19 Pandemic	\$64,201	\$0	\$0
47	2024-05-04-47	University of Delaware	Scheduling to Optimize Response to Intervention in Older Children with Speech Sound Disorders	\$0	\$0	\$35,000
48	2024-05-04-48	University of Delaware	U.S. Soccer Federation Agreement	\$0	\$0	\$39,061
49	2024-05-04-49	University of Delaware	Developing and Applying New Lipidomic Approaches to Uncover Molecular Drivers of Phase Separation in Cells	\$0	\$0	\$251,100
50	2024-05-04-50	University of Delaware	Mnemonic Marvels: The Arts of Memory in Early Modern Spain and Latin America	\$60,000	\$0	\$0
51	2024-05-04-51	University of Delaware	Joint Gravity-Seismic Imaging of Deformational Structures at South American Active and Inactive Plate Boundaries	\$225,517	\$0	\$0
52	2024-05-04-52	University of Delaware	Developing Novel Automated Pest Detection Tools for Monitoring Specialty Crop Pests	\$0	\$0	\$13,636
53	2024-05-04-53	University of Delaware	Investigation of Glucosinolate Differences in Fall Versus Spring Planted Biofumigant Crops	\$0	\$0	\$13,500



54	2024-05-04-54	University of Delaware	A Systematic Examination of Historical Changes in Head Start's Population and Developmental Trajectories: A Secondary Data Analysis of the Family and Child Experiences Survey Data Sets	\$65,346	\$0	\$0
55	2024-05-04-55	University of Delaware	Calibration-Free Quantitation of Reaction Yields in High-Throughput Reaction Screening Through Absolute Carbon Quantification by LC-FID	\$0	\$0	\$60,000
56	2024-05-04-56	University of Delaware	Covid-19, Vaccinations and School/Community Resources: Childrens Longitudinal Health and Education Outcomes Using Linked Administrative Data	\$0	\$0	\$65,918
57	2024-05-04-57	University of Delaware	UNOLS East Coast Van Pool CY2018 - CY2022	\$62,037	\$0	\$0
58	2024-05-04-58	University of Delaware	Field Trials of Low-Profile Dogfish Gillnets to Reduce Atlantic Sturgeon Bycatch	\$0	\$0	\$23,041
59	2024-05-04-59	University of Delaware	Delaware SEU Energy Assessment Program	\$0	\$0	\$119,208
60	2024-05-04-60	University of Delaware	The Locker Room Files: Developing Data-Driven Digital Well-Being Strategies to Mitigate Social Media Effects on Mental Health, Well-Being, and Team Relationship	\$0	\$0	\$30,000
61	2024-05-04-61	University of Delaware	Probing the Chemical and Physical Paralipidome of Membrane Proteins	\$0	\$0	\$331,080
62	2024-05-04-62	University of Delaware	Persistent Oceanographic Device Power (PODPower)	\$0	\$0	\$349,332
63	2024-05-04-63	University of Delaware	EPSCoR Research Fellows: NSF - Incorporating Nitrous Oxide Isotopomer Techniques into the Coastal Biogeochemical Toolkit	\$225,108	\$0	\$0
64	2024-05-04-64	University of Delaware	IGE: Track 1: A Socio-Emotional Academic Threat Intervention for STEM Graduate Students and Their Mentors	\$312,497	\$0	\$0
65	2024-05-04-65	University of Delaware	DE UD Bridge Access Programs	\$0	\$0	\$23,117
66	2024-05-04-66	University of Delaware	Test-Optional Admissions Research Phase II	\$0	\$0	\$54,545
67	2024-05-04-67	University of Delaware	Examining the Root Causes of School Violence: A Developmental Investigation	\$0	\$0	\$541,159
68	2024-05-04-68	University of Delaware	Theme 2: Artificial Intelligence to Forge Understanding of Disorder and Entropy (AI-Foundry)	\$0	\$0	\$363,159
69	2024-05-04-69	University of Delaware	Changing Climate Impacts on Sediment and Nutrient Transport in Coastal Vegetation Ecosystem Subject to Stem-Wave Current Interactions	\$0	\$0	\$208,735
70	2024-05-04-70	University of Delaware	EPSCoR Research Fellows: NSF: Tracking Water Quality Near Recently Converted Marshlands in Coastal Maryland	\$234,939	\$0	\$0
71	2024-05-04-71	University of Delaware	Collaborative Research: Enabling Control of Bacillus Subtilis Growth Using Non-Standard Amino Acids	\$15,000	\$0	\$0
72	2024-05-04-72	University of Delaware	Magnonics Meets Nonequilibrium Quantum Field Theory: Understanding Magnon Damping, Amplification and Optical Excitation Via Schwinger-Keldysh Formalism	\$389,188	\$0	\$0
73	2024-05-04-73	University of Delaware	EFNEP Promoting the BRIDGE Program	\$0	\$0	\$53,080
74	2024-05-04-74	University of Delaware	Applied Math and Computer Science Research Portfolio for Next-Gen Integrated Scientific Experimental Facilities (NEXT-SCI)	\$0	\$0	\$262,559
75	2024-05-04-75	University of Delaware	Manufacturable, Resilient, and Versatile Elements for Quantum Technologies (MARVEL-Q)	\$0	\$0	\$457,140
76	2024-05-04-76	University of Delaware	NSF IGE: Track 1: CARE: Climate Anxiety Reduction Through Education - A Creativity Focused Mentorship Intervention	\$359,397	\$0	\$0
77	2024-05-04-77	University of Delaware	Neuron Blocks Using HfZrO/GaN Field Effect Transistors for Energy Efficiency Computing	\$252,066	\$0	\$0
78	2024-05-04-78	University of Delaware	New Computational Methods for Vibrational Spectroscopy: Excited States and Surface-Enhanced Spectroscopy	\$750,198	\$0	\$0
79	2024-05-04-79	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	\$4,623
80	2024-05-04-80	University of Delaware	Interdisciplinary AI Scientist Towards Fully Autonomous Labs: Hypothesis Generation for Optimizing Both Molecular and Materials Photoredox Catalysts	\$0	\$0	\$60,000
81	2024-05-04-81	University of Delaware	Expedition 403 Eastern Fram Strait Paleo-Archive	\$0	\$0	\$9,167

82	2024-05-04-82	University of Delaware	Collaborative Research: ENG-NETZERO: Charting Sustainable Pathways to Aviation Fuels	\$252,972	\$0	\$0
83	2024-05-04-83	University of Delaware	Improving CdTe Solar Cell Performance Through Glass Substrate Properties	\$0	\$0	\$193,135
84	2024-05-04-84	University of Delaware	Electro-Bio Manufacturing of Platform Chemicals and Polymer Precursors from CO2	\$0	\$0	\$369,228
85	2024-05-04-85	University of Delaware	Study Addressing PFAS, Nitrates and Emerging Pollutants Concerns	\$79,887	\$0	\$0
86	2024-05-04-86	University of Delaware	IR 4 Northeast Region Minor Crop Pest Management Program	\$0	\$0	\$14,000
87	2024-05-04-87	University of Delaware	Implementing the Landbird Monitoring for the National Capital Region Parks	\$71,726	\$0	\$0
88	2024-05-04-88	University of Delaware	Analyzing 20 Years of Landbird Data for the Northern Colorado Plateau I&M Network of the National Park Service	\$62,863	\$0	\$0
89	2024-05-04-89	University of Delaware	NSF-PFI TT: Developing a Pipeline to Deliver Asymbiotic Nitrogen Fixation Biological (NITBIO) Products for Nutrient Management and Increased Crop Yield	\$342,937	\$0	\$0
90	2024-05-04-90	University of Delaware	Trustworthy Scientific Claim Checking	\$0	\$0	\$503,212
91	2024-05-04-91	University of Delaware	Back Contact Passivation by Phthalocyanine for CdTe-Based Solar Cells	\$0	\$0	\$193,134
92	2024-05-04-92	University of Delaware	Foundations for Decision Support Through Cognitive Simulation	\$0	\$0	\$421,154
93	2024-05-04-93	University of Delaware	Click Chemistry Magic for Drug Screening	\$31,250	\$0	\$0
94	2024-05-04-94	University of Delaware	Isoform-Specific Functions of Na, K-ATPase Beta-Subunits in Cerebellar Development	\$0	\$0	\$30,759
95	2024-05-04-95	University of Delaware	Evaluating the Effectiveness and Implementation of Prison-Based HIV Assisted Partner Notification in Indonesia	\$0	\$0	\$238,803
96	2024-05-04-96	University of Delaware	A Federated Trial Emulation Framework for Integrating Evidence from Clinical Research Networks	\$0	\$0	\$255,000
97	2024-05-04-97	University of Delaware	Motivating Mathematics in the Middle Grades: Learning Through Rough Drafts and Revising	\$138,700	\$0	\$0
98	2024-05-04-98	University of Delaware	GOALI: ENG-SEMICON: Highly Energetic Proton Impacts on the Avalanche Gain of Chip-Scale Nanophotonic Devices	\$301,792	\$0	\$0
99	2024-05-04-99	University of Delaware	Bioengineering of Functional Human Articular Cartilage Replacements Using Autologous Passaged Chondrocytes	\$0	\$0	\$100,000
100	2024-05-05-01	University of Delaware	ENG-QUANT: Realizing Devices for Deterministic On-Chip Generation of Multi-Dimensional Photon Cluster States	\$321,224	\$0	\$0
101	2024-05-05-02	University of Delaware	REU Supplement for Summer Research Experience: Design of High Performance Model Checker for Verification of Parallel Programs	\$10,000	\$0	\$0
102	2024-05-05-03	University of Delaware	Enhancing Mechanistic Understanding of the Tumor Delivery of Membrane-Wrapped Nanoparticles	\$1,880,131	\$0	\$0
103	2024-05-05-04	University of Delaware	Mid-Atlantic Region Association of Asian Studies (MARAAS) 2024 Conference	\$0	\$0	\$2,167
104	2024-05-05-05	University of Delaware	EcoPlat: Revolutionizing Battery Manufacturing with Smart Electroplating	\$0	\$0	\$243,562
105	2024-05-05-06	University of Delaware	Development and Implementation of High Speed Rail Safety Institute	\$0	\$0	\$1,565,670
106	2024-05-05-07	University of Delaware	2024 DOS ECA Excellence in Chinese Language and Culture NSLI-Y	\$0	\$0	\$361,830
107	2024-05-05-08	University of Delaware	Supporting Access, Retention, and Quality (SPARQ) for Children with Special Needs	\$1,256,683	\$0	\$0
108	2024-05-05-09	University of Delaware	Scalable Manufacturing of Nanolayered Separator Through Printing Techniques	\$0	\$0	\$213,092
109	2024-05-05-10	University of Delaware	Mesoporous Hard Carbons from Commodity Thermoplastic Elastomers Through Volumetric Joule Heating	\$0	\$0	\$299,622
110	2024-05-05-11	University of Delaware	Edge Data Analytics and a Computational Data Strategy for CAVs	\$0	\$0	\$45,000
111	2024-05-05-12	University of Delaware	Diagnostic Services Per Task Orders Related to IDIQ 1127861	\$36,127	\$0	\$0

112	2024-05-05-13	University of Delaware	High Clearance Sprayer Enhancing Applied Agricultural Research and Extension	\$206,720	\$0	\$0
113	2024-05-05-14	University of Delaware	Engaged Scholarship Research/Creative Activities Grants Program	\$0	\$0	\$5,001
114	2024-05-05-15	University of Delaware	Scaling Sustainability: Integrating Agrivoltaics, Climate-Resiliency, and Rainwater Harvesting for Sustainable Urban Systems	\$0	\$0	\$682,948
115	2024-05-05-16	University of Delaware	Mid-Atlantic Region Association of Asian Studies (MARAAS) 2024 Conference	\$0	\$0	\$4,000
116	2024-05-05-17	University of Delaware	PFI RP: Developing a Large Language Model Based Workflow for Synthetic Biology Knowledge Synthesis and Output Prediction	\$0	\$0	\$156,581
117	2024-05-05-18	University of Delaware	Purchase of an Andor BC43 Benchtop Confocal Microscope System with Multiple Nikon Objective Lenses and Multiple Lasers for the Visualization of Living Cells and Organoids	\$341,540	\$0	\$0
118	2024-05-05-19	University of Delaware	Campus Mental Health Safety Net Project: Enhancing Our Integrated Approach to Suicide Prevention and Response at the University of Delaware	\$221,100	\$0	\$0
119	2024-05-05-20	University of Delaware	Travel Grant for Young US-Researchers to Attend Unique International Conferences	\$18,000	\$0	\$0
120	2024-05-05-21	University of Delaware	Theoretical Examination of Wave Energy Harvesting by a Flexible Floating Piezoelectric Plate	\$461,237	\$0	\$0
121	2024-05-05-22	University of Delaware	Discovering Domestic Hyperaccumulators and Ni-Rich Soils Through Field and Herbarium Surveys	\$657,416	\$0	\$0
122	2024-05-05-23	University of Delaware	Texture Analyses of Grid Samples Under a Center Pivot	\$0	\$0	\$3,700
123	2024-04-13-06	Delaware State University	Robust Solution for Training Machine Learning Models Across Diverse Heterogeneous Systems	\$387,723	\$0	\$0
124	2024-05-11-01	Delaware State University	Mixed-Matrix Membranes of Polymer	\$532,140	\$0	\$0
125	2024-05-11-02	Delaware State University	To Increase the Awareness of COVID-19 Bridge Vaccine Program	\$71,944	\$0	\$0
126	2024-05-11-03	Delaware State University	Non-Equilibrium Energy Transfer for Efficient Reactions (NEETER)	\$475,000	\$0	\$0
127	2024-05-11-04	Delaware State University	Panoramic Institutional Assessments: A Playbook for Advancing Research Capacity	\$1,350,049	\$0	\$0
128	2024-05-11-05	Delaware State University	Documentation of Critically Endangered (IUCN) Firefly Species for Protection at Assateague Island National Seashore	\$36,250	\$0	\$0
129	2024-05-11-06	Delaware State University	Enhancing Oyster Aquaculture and Seaweed Cultivation Production Through Microbial Monitoring at Multiple Life History Stages	\$67,530	\$0	\$0
130	2024-05-11-07	Delaware State University	Optimizing Phytoplankton-Based Feed for Life Stage in Salmon Aquaculture	\$75,020	\$0	\$0
131	2024-05-11-08	Delaware State University	Feed the Future Innovation Lab for Climate Resilient	\$854,118	\$0	\$0

Revised 5/17/2024

**Delaware State Clearinghouse Committee  
June Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
June 25, 2024 @ 10:00am

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">6325</a>	Department of State, Libraries	Boosting School Library Collections	\$1,937,796	\$2,134,616	\$0	0.00	0.00	0.00
2	<a href="#">6327</a>	Department of Health and Social Services, Public Health, Community Health	Geriatric Work Force Enhancement Program	\$4,200,976	\$0	\$0	0.00	0.00	0.00
3	<a href="#">6293</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Standard Chlorine of Delaware - Metachem Operal Unit 4 Remedial Design	\$23,753	\$0	\$0	0.07	0.00	0.00
4	<a href="#">6317</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Assistance for Adoption Building Energy Codes - IRA	\$12,330,408	\$0	\$0	0.00	0.00	0.00
5	<a href="#">6343</a>	Caesar Rodney School District	School Violence Prevention Program	\$500,000	\$125,000	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">6206 Amendment</a>	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program Commodity Credit Corporation	\$243,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">2024-04-03-01</a>	Executive, Delaware State Housing Authority	Housing Choice Vouchers (Moving To Work)	\$10,804,240	\$0	\$0	1.75	0.00	0.00
3	<a href="#">2024-04-05-01</a>	Executive, Delaware State Housing Authority	Family Unification Program	\$912,310	\$0	\$0	0.00	0.00	0.00
4	<a href="#">2024-04-12-01</a>	Executive, Delaware State Housing Authority	Mainstream Voucher Program	\$683,368	\$0	\$0	0.25	0.00	0.00
5	<a href="#">2024-04-19-01</a>	Executive, Delaware State Housing Authority	Public Housing Operations Program - Moving To Work	\$2,326,050	\$0	\$867,290	20.60	0.00	0.00
6	<a href="#">2024-04-19-02</a>	Executive, Delaware State Housing Authority	Public Housing Capital Program - Moving to Work	\$1,047,225	\$0	\$0	1.60	0.00	0.00
7	<a href="#">2024-04-22-01</a>	Executive, Delaware State Housing Authority	Performance Based Contract Administrator Program	\$46,460,565	\$0	\$0	8.00	0.00	0.00
8	<a href="#">2024-04-24-01</a>	Executive, Delaware State Housing Authority	Community Development Block Grant	\$2,752,623	\$0	\$0	1.04	0.00	0.00
9	<a href="#">2024-04-24-02</a>	Executive, Delaware State Housing Authority	Emergency Solutions Grants Program	\$263,071	\$0	\$0	0.00	0.00	0.00
10	<a href="#">2024-04-24-03</a>	Executive, Delaware State Housing Authority	Housing Opportunities for Persons with Aids	\$412,182	\$0	\$0	0.00	0.00	0.00
11	<a href="#">2024-04-24-04</a>	Executive, Delaware State Housing Authority	HOME Investment Partnership	\$3,000,000	\$0	\$0	0.54	0.00	0.00
12	<a href="#">2024-04-24-05</a>	Executive, Delaware State Housing Authority	Housing Trust Fund	\$3,000,095	\$0	\$0	0.33	0.00	0.00
13	<a href="#">2024-04-24-06</a>	Executive, Delaware State Housing Authority	Recovery Housing Program	\$1,430,099	\$0	\$0	0.53	0.00	0.00
14	<a href="#">6280</a>	Department of State, Libraries	Library Services and Technology Act	\$1,388,921	\$715,491	\$0	7.00	8.00	0.00
15	<a href="#">6216</a>	Department of Health and Social Services, Public Health, Community Health	Advancing Health Equity - Diabetes	\$850,000	\$0	\$0	2.45	0.00	0.00
16	<a href="#">6218</a>	Department of Health and Social Services, Public Health, Community Health	State Office of Rural Health	\$223,410	\$1,055,974	\$0	1.25	0.00	0.00
17	<a href="#">6259</a>	Department of Health and Social Services, Public Health, Community Health	National Cancer Prevention and Control Program	\$1,908,768	\$760,426	\$0	11.15	3.50	0.00

18	<a href="#">6261</a>	Department of Health and Social Services, Public Health, Community Health	Improving the Health of Americans through Prevention	\$949,314	\$0	\$0	2.60	0.00	0.00
19	<a href="#">6278</a>	Department of Health and Social Services, Public Health, Community Health	Well-Integrated Screening & Evaluation for Women	\$525,000	\$217,112	\$0	1.00	0.34	0.00
20	<a href="#">6295</a>	Department of Health and Social Services, Social Services	Delaware Senior Medicare Patrol Program Funds	\$291,703	\$0	\$0	0.00	0.00	0.00
21	<a href="#">6306</a>	Department of Health and Social Services, Social Services	Child Care Development-Discretionary	\$21,916,713	\$1,669,801	\$0	17.55	18.35	0.00
22	<a href="#">6308</a>	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families	\$2,297,700	\$1,924,456	\$0	28.67	24.40	0.00
23	<a href="#">6311</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program	\$9,926,634	\$9,917,939	\$0	131.30	131.40	0.00
24	<a href="#">6312</a>	Department of Health and Social Services, Social Services	Social Services Block Grant	\$4,871,072	\$0	\$0	14.80	0.00	0.00
25	<a href="#">6315</a>	Department of Health and Social Services, Public Health, Community Health	Childhood Lead Poisoning Prevention	\$540,000	\$0	\$0	1.00	0.00	0.00
26	<a href="#">6324</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness Cooperative Agreement	\$5,426,073	\$542,607	\$0	36.10	5.11	0.00
27	<a href="#">6296</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund	\$4,008,000	\$801,600	\$0	0.00	0.00	0.00
28	<a href="#">6297</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund- Supplemental	\$11,164,000	\$2,232,800	\$0	0.00	0.00	0.00
29	<a href="#">6298</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund- Emerging Contaminant	\$1,052,000	\$0	\$0	0.00	0.00	0.00
30	<a href="#">6304</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Sewer Overflow and Stormwater Reuse Municipal Grant	\$461,000	\$0	\$0	0.00	0.00	0.00
31	<a href="#">6320</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Nonpoint Source Implementation Grant	\$1,228,700	\$634,466	\$191,334	2.76	2.80	0.00
32	<a href="#">6305</a>	Department of Safety and Homeland Security, Office of the Secretary, State Police, Executive	Law Enforcement Mental Health Wellness Act Implementation Projects	\$80,000	\$0	\$0	0.00	0.00	0.00
33	<a href="#">6302</a>	Department of Labor, Unemployment Insurance	Reemployment Services and Eligibility Assessment	\$750,676	\$0	\$0	9.70	0.00	0.00
34	<a href="#">6289</a>	Department of Agriculture, Plant Industries	Farm Bill - National Honeybee Survey	\$13,800	\$0	\$0	0.00	0.00	0.00
35	<a href="#">6290</a>	Department of Agriculture, Plant Industries	Spotted Lanternfly Outreach	\$110,587	\$0	\$0	0.25	0.00	0.00
36	<a href="#">6303</a>	Department of Agriculture, Plant Industries	Spotted Lantern Fly Survey and Control	\$500,000	\$0	\$0	0.75	0.00	0.00
37	<a href="#">6283</a>	Department of Education, Academic Support	State Assessment and Related Activities	\$3,594,954	\$0	\$0	2.83	0.00	0.00

**Higher Education**

1	6294	Delaware Technical Community College	Federal Work Study	\$527,662	\$203,561	\$0			
2	6299	Delaware Technical Community College	Federal Supplemental Educational Opportunity Grant	\$532,963	\$168,772	\$0			
3	6300	Delaware Technical Community College	Federal Pell Grant	\$19,631,959	\$0	\$0			
4	6301	Delaware Technical Community College	Federal Direct Student Loan Program	\$13,240,930	\$0	\$0			
5	2024-06-01-01	University of Delaware	Narrating Environmental Change, Imagining Environmental Justice: Untold Stories of Climate Change	\$93,705	\$0	\$0			
6	2024-06-01-02	University of Delaware	Understanding Formation and Dynamics of the SIV Reservoir	\$0	\$0	\$350,000			

7	2024-06-01-03	University of Delaware	Collaborating, Imagining, and Building a Curriculum Intervention on Youth Mattering with Racially and Ethnically Diverse High School Students	\$0	\$0	\$5,000
8	2024-06-01-04	University of Delaware	US Wind Buoy Decommission AUV Survey	\$0	\$0	\$13,188
9	2024-06-01-05	University of Delaware	Finding a Surrogate: A Comparative Study of Two Angel Shark Species Ecology to Improve Their Conservation	\$0	\$0	\$86,015
10	2024-06-01-06	University of Delaware	Mothers' Childhood Experiences, Maternal Sensitivity, and Immune Regulation in Young Children	\$0	\$0	\$33,200
11	2024-06-01-07	University of Delaware	Untangling the Relationship Between Structural Disadvantage and School Violence	\$407,173	\$0	\$0
12	2024-06-01-08	University of Delaware	Assessing the Impact of Peer Support in Prison Settings	\$444,290	\$0	\$0
13	2024-06-01-09	University of Delaware	Development of a Certificate Program: "AI for World Languages, Literatures, & Cultures"	\$100,942	\$0	\$0
14	2024-06-01-10	University of Delaware	Generalized Tensor Decompositions for Trustworthy and Tunable Data Reduction	\$437,287	\$0	\$0
15	2024-06-01-11	University of Delaware	Infrastructure Management and Innovative Financing: A Synthesis of CIAMTIS Projects	\$0	\$0	\$31,835
16	2024-06-01-12	University of Delaware	Enhancing Digital Cognitive Behavior Therapy for Chronic Insomnia: A Data-Driven Approach	\$0	\$0	\$19,250
17	2024-06-01-13	University of Delaware	Reconceptualizing Energy Security and the Energy Transition: (RESET) A Multi-Scalar Analysis of Social Impacts, Inequities, and National Defense Implications in the Arctic	\$0	\$0	\$409,246
18	2024-06-01-14	University of Delaware	Work Order No. 1 Related to the Master Field Trial Services Agreement Effective 2/2/23	\$0	\$0	\$1,227
19	2024-06-01-15	University of Delaware	Regional Centers for Public Health Preparedness and Response	\$0	\$0	\$461,392
20	2024-06-01-16	University of Delaware	John Dickinson Writings Project	\$125,000	\$0	\$0
21	2024-06-01-17	University of Delaware	Collaborative Research: SRS RN: Climate Change, Coastal Hazards, and Human Health and Wellbeing (C3H3)	\$189,090	\$0	\$0
22	2024-06-01-18	University of Delaware	Collaborative Research: Design, Planning, and Control of Microbot Teams for Cell Manipulation	\$177,939	\$0	\$0
23	2024-06-01-19	University of Delaware	Utilizing Tools and Techniques to Improve the Impact of Agricultural Service Providers	\$0	\$0	\$29,802
24	2024-06-01-20	University of Delaware	Marketing Options for Producers and Agribusiness in the Southeast: Social-Affinity Labels and Distant Markets	\$0	\$0	\$27,204
25	2024-06-01-21	University of Delaware	Solid-State Chemistry of Novel Pnictides with Complex Structures	\$283,700	\$0	\$0
26	2024-06-01-22	University of Delaware	CDC Regional Center for Public Health Preparedness and Response for Region 3	\$0	\$0	\$36,486
27	2024-06-01-23	University of Delaware	Water's Edge: Convergence Research and Education for Engineered Coastal Systems	\$0	\$0	\$238,208
28	2024-06-01-24	University of Delaware	New York Blood Center, Inc. Research Services Agreement	\$0	\$0	\$15,000
29	2024-06-01-25	University of Delaware	HEALTH for All Mobile Health Clinic	\$0	\$0	\$62,500
30	2024-06-01-26	University of Delaware	Mechanisms and Consequences of Reverse Transcription in HIV-1 Cores	\$0	\$0	\$2,939
31	2024-06-01-27	University of Delaware	Collaborative Research: Nonparametric Learning in High-Dimensional Survival Analysis for Causal Inference and Sequential Decision Making	\$133,095	\$0	\$0
32	2024-06-01-28	University of Delaware	Theme 3: AI Institute for Human-AI Cooperation	\$16,791,180	\$0	\$0
33	2024-06-01-29	University of Delaware	Social Bonding Through Music Reduces Mild Cognitive Impairment	\$0	\$0	\$90,909
34	2024-06-01-30	University of Delaware	Quantifying the Effects of Drinking Water Salinity on Hydration, Kidney Function, and Blood Pressure in a Hot-Dry Environment	\$0	\$0	\$46,435
35	2024-06-01-31	University of Delaware	Assessing the Impact of a Satellite Based Atlantic Sturgeon Forecasting Tool	\$62,509	\$0	\$0
36	2024-06-01-32	University of Delaware	Collaborative Proposal: SRS RN: A Community Model of Regional Sustainability for the Northeastern U.S.	\$647,977	\$0	\$0
37	2024-06-01-33	University of Delaware	Observational Arthritis Foundation Internet Study (OASIS): Physical Activity, Pain, and Physical Function	\$0	\$0	\$31,508
38	2024-06-01-34	University of Delaware	Mechanisms of Direct Cell-Cell Communication During Graft Formation	\$1,250,000	\$0	\$0
39	2024-06-01-35	University of Delaware	EFNEP Promoting the BRIDGE Program	\$0	\$0	\$54,341
40	2024-06-01-36	University of Delaware	NAHLN Level 2 Laboratory Work Plan FY24	\$213,170	\$0	\$0

41	2024-06-01-37	University of Delaware	UOL Finance Laux Training Remote	\$0	\$0	\$12,616
42	2024-06-01-38	University of Delaware	Innovative Carbon Nanotube Sensors for Continuous Structural Integrity of Joints in Pipeline Infrastructure	\$0	\$0	\$88,852
43	2024-06-01-39	University of Delaware	University of Delaware Bio Pharmaceutical Manufacturing Equipment FY24	\$7,247,337	\$0	\$0
44	2024-06-01-40	University of Delaware	Vascular and Cognitive Function, Exercise, and Chronic Kidney Disease	\$2,416,237	\$0	\$0
45	2024-06-01-41	University of Delaware	Immigrant Families Participation in Child Care: A Mixed-Method Study	\$50,000	\$0	\$0
46	2024-06-01-42	University of Delaware	University of Delaware and Nemours Foundation Research Agreement for Grads	\$0	\$0	\$207,368
47	2024-06-01-43	University of Delaware	Acquisition of Goods and Services	\$10,000	\$0	\$0
48	2024-06-01-44	University of Delaware	Advancing Wood-Based Biochar for Climate-Smart Agriculture and Forestry in the Northeast	\$0	\$0	\$736,742
49	2024-06-01-45	University of Delaware	Optimizing Sorghum Protein Hydrolysate Production and Characterization for Cost-Effective Cultivated Meat Media	\$0	\$0	\$90,909
50	2024-06-01-46	University of Delaware	Energy and Waste Assessments for Automotive Manufacturing and Maintenance	\$64,838	\$0	\$0
51	2024-06-01-47	University of Delaware	Developing a Digital Twin of Local Brain Tissue Dynamics to Improve Stereotactic Accuracv	\$0	\$0	\$427,396
52	2024-06-01-48	University of Delaware	Generalization of Locomotor Learning After Stroke	\$0	\$0	\$131,975
53	2024-06-01-49	University of Delaware	High Entropy Alloy-Based Composite for Plasma-Facing Component Materials	\$0	\$0	\$362,122
54	2024-06-01-50	University of Delaware	PT/PHD Predoctoral Training Program	\$1,935,596	\$0	\$0
55	2024-06-01-51	University of Delaware	Travel to Present Prek Findings on FCC Project	\$0	\$0	\$6,600
56	2024-06-01-52	University of Delaware	Vascular Effects of Dietary Potassium and Sodium on Pulsatile Load	\$2,176,574	\$0	\$0
57	2024-06-01-53	University of Delaware	Social Interaction Influences the Reading Writing Connection	\$2,499,995	\$0	\$0
58	2024-06-01-54	University of Delaware	Improved Sensors for MM Waves	\$525,695	\$0	\$0
59	2024-06-01-55	University of Delaware	Collaborative Research: AIMing: Universal Graph Reasoning Framework for Modern AI	\$274,465	\$0	\$0
60	2024-06-01-56	University of Delaware	Terrain-Aware Adaptive and Resilient Perceptive Quadruped Locomotion	\$1,335,488	\$0	\$0
61	2024-06-01-57	University of Delaware	Longitudinal Impact of Midlife Cerebrovascular Pulsatility on Brain Tissue Integrity and Cognitive Aging	\$2,440,014	\$0	\$0
62	2024-06-01-58	University of Delaware	Advanced Health Lifestyles PANO FY 24	\$0	\$0	\$66,964
63	2024-06-01-59	University of Delaware	Delaware Desegregation Historical Research Study	\$98,359	\$0	\$0
64	2024-06-01-60	University of Delaware	Workforce Education and Development in Battery Manufacturing	\$848,243	\$0	\$0
65	2024-06-01-61	University of Delaware	Functional Characterization of Known Unknowns Using RNAseq Data from TCGA Cancer Cohorts	\$160,191	\$0	\$0
66	2024-06-01-62	University of Delaware	Francophone Film Festival: "What Brings Us Together"	\$0	\$0	\$2,400
67	2024-06-01-63	University of Delaware	Inclusive Primary and Preventative Care in Delaware	\$0	\$0	\$39,588
68	2024-06-01-64	University of Delaware	Understanding the Global Inventory of Trifluoroacetate: Isotopic Constraints	\$260,681	\$0	\$0
69	2024-06-01-65	University of Delaware	Myths, Misconceptions, and Omissions in the American Narrative	\$68,478	\$0	\$0
70	2024-06-01-66	University of Delaware	Reinforcement Learning Using Symbolic Execution and Model Checking to Improve Program Synthesis Via Large Language Models	\$0	\$0	\$385,163
71	2024-06-01-67	University of Delaware	Avian and Native Bee Responses to Grassland Restoration in National Parks in the Northeast Region	\$362,904	\$0	\$0
72	2024-06-01-68	University of Delaware	Coadaptation Principles that Govern Emergent Behavior During Human-Agent and Human-Human Interactions	\$446,462	\$0	\$0
73	2024-06-01-69	University of Delaware	A Tether-Free, Patient Specific 1000 Channel Neural Interface Based on Sub-Millimeter Optoelectronic Motes	\$0	\$0	\$420,272
74	2024-06-01-70	University of Delaware	Sympathetic Consequences of the Menopausal Transition	\$2,436,790	\$0	\$0
75	2024-06-01-71	University of Delaware	Supplemental Postdoc: Lipid Dependent GPCR Signaling: Thermodynamics and Mechanisms	\$184,766	\$0	\$0
76	2024-06-01-72	University of Delaware	Water Resources Research Act Program Annual Base Grants Fiscal Year 2024	\$146,895	\$0	\$0
77	2024-06-01-73	University of Delaware	High Speed Rail High School Summer Workshop	\$0	\$0	\$163,131
78	2024-06-01-74	University of Delaware	Climate-Smart Camelina Expansion	\$0	\$0	\$353,144
79	2024-06-01-75	University of Delaware	Osteocyte Peri-Lacunar/Canalicular Remodeling in Maternal Bone Adaptation	\$0	\$0	\$715,325

80	2024-06-01-76	University of Delaware	Changes in Parent-Child Proximity from Infancy to Toddlerhood	\$0	\$0	\$89,790
81	2024-06-01-77	University of Delaware	Parent-Child Proximity and Emerging Psychopathology	\$0	\$0	\$31,938
82	2024-06-01-78	University of Delaware	Collecting In-Situ Plankton Data to Improve LiDAR Retrievals During PACE-PAX	\$38,728	\$0	\$0
83	2024-06-01-79	University of Delaware	CAREER: Block Polyelectrolyte Complexes for Controlled Mixed Ionic-Electronic Conduction	\$5,490	\$0	\$0
84	2024-06-01-80	University of Delaware	Non-invasive Measurement of Soft Tissue Motion and Anisotropic Mechanical Properties by MRE	\$0	\$0	\$99,724
85	2024-06-01-81	University of Delaware	Expanding Derelict Blue Crab Pot Removal Capacity in Delaware's Inland Bays	\$0	\$0	\$50,636
86	2024-06-01-82	University of Delaware	EbonyEve	\$0	\$0	\$308,998
87	2024-06-01-83	University of Delaware	Upcycling Plant Proteins from Oilseed Meals as Value-Added Ingredients for Prebiotic-Fortified Meat Analogs	\$0	\$0	\$227,047
88	2024-06-01-84	University of Delaware	Supplemental: Fabrication of NdFeB-Based Permanent Magnets Using Atomized Powders	\$0	\$0	\$50,123
89	2024-06-01-85	University of Delaware	Developing Low-Cost Air Quality Sensor Protocols to Inform Environmental Sustainability and Risks to Collections	\$86,461	\$0	\$0
90	2024-06-01-86	University of Delaware	Center for Hands-On Training and Learning Environment for the Next Generation Railroad Technical Workforce - HTL Center	\$13,158,162	\$0	\$0
91	2024-06-01-87	University of Delaware	Examining Circadian Misalignment as a Determinant of Cardiovascular Disease Risk in Free-Living, Non-Shift Working Adults	\$2,606,322	\$0	\$0
92	2024-06-01-88	University of Delaware	Time Restricted Eating for Dysregulated Eating Among Emerging Adult Women: A Single-Armed Mechanistic Clinical Trial	\$1,110,058	\$0	\$0
93	2024-06-01-89	University of Delaware	Comparing the Tumor Delivery, Therapeutic Efficacy, and Safety of SN38 Delivered Via Antibody-Drug Conjugates, Antibody-Targeted Nanoparticles, or Membrane-Coated Nanoparticles	\$1,857,145	\$0	\$0
94	2024-06-01-90	University of Delaware	Uncharted Mesophotic Coral Ecosystems - Pickle Bank Seamount	\$0	\$0	\$28,000
95	2024-06-01-91	University of Delaware	Collaborative Research: NSF/MCB: Repurposing Metabolite-Responsive Aptamers for Real-Time Sensing and Dynamic Control of Cas6-Mediated	\$12,000	\$0	\$0
96	2024-06-01-92	University of Delaware	DIEEC New Directions Early Head Start Year 28	\$3,021,661	\$0	\$0
97	2024-06-01-93	University of Delaware	Building Food Skills to Promote Cardiovascular Health in Families	\$2,260,804	\$0	\$0
98	2024-06-01-94	University of Delaware	Novel Moderators of Therapeutic Exercise for Adults with Knee OA	\$3,781,094	\$0	\$0
99	2024-06-01-95	University of Delaware	Collaborative Research on Advanced Machine Learning Techniques for Cybersecurity Applications	\$0	\$0	\$0
100	2024-06-01-96	University of Delaware	Quantifying the Physical Demands of Amputee Football	\$0	\$0	\$10,000
101	2024-06-01-97	University of Delaware	MLL Coaching for Milford SD	\$0	\$0	\$20,586
102	2024-06-01-98	University of Delaware	Accelerating AF Repair with a Multi-Factor Mechanoactive Patch	\$0	\$0	\$133,043
103	2024-06-01-99	University of Delaware	Changes in Waterfowl Harvest Distributions in the Atlantic and Pacific Flyways, 1960 - 2020	\$0	\$0	\$60,001
104	2024-06-02-01	University of Delaware	Delaware Desegregation Curriculum Project	\$45,500	\$0	\$0
105	2024-06-02-02	University of Delaware	CAREER: Covariational and Algebraic Reasoning: A New Path to Algebra	\$7,200	\$0	\$0
106	2024-06-02-03	University of Delaware	Brain Wellness Information, Support, and Empowerment (Brain-Wise): Efficacy of a Community-Based Dementia Risk Reduction Program	\$2,368,809	\$0	\$0
107	2024-06-02-04	University of Delaware	Woven-Nonwoven Hybrid Textile System to Control Lunar Dust	\$554,655	\$0	\$0
108	2024-06-02-05	University of Delaware	We the People: Civics that Empowers All Students	\$92,588	\$0	\$0
109	2024-06-02-06	University of Delaware	Circuits and Mechanisms Through Which Basal Forebrain Cholinergic Neurons Facilitate Fear Extinction	\$1,883,887	\$0	\$0
110	2024-06-02-07	University of Delaware	Graduate Training Program in Computational Biology, Bioinformatics and Biomedical Data Science (CBB)	\$16,332	\$0	\$0
111	2024-06-02-08	University of Delaware	Quantifying the Influence of Pathological Hemodynamics on Blood Brain Barrier Dysfunction and Neuronal Injury	\$1,972,431	\$0	\$0
112	2024-06-02-09	University of Delaware	Administrative Supplement to Novel Reactions of Electrophilic Nitrogen for Preparing Bioactive Molecules	\$85,690	\$0	\$0
113	2024-06-02-10	University of Delaware	The Impact of Sensory Profile on Word Learning in Typical and Atypical Populations	\$3,450,401	\$0	\$0
114	2024-06-02-11	University of Delaware	Nudging Landowners and Tenants Toward Environmental and Social Stewardship	\$0	\$0	\$17,500
115	2024-06-02-12	University of Delaware	Identifying Treatment Strategies to Prevent Breast Cancer Late Recurrence with Innovative Model Systems	\$450,000	\$0	\$0
116	2024-06-02-13	University of Delaware	Determining How ECM Stiffness Directs Epithelial Cell Patterning Using the Embryonic Mouse Kidney as a Model System	\$0	\$0	\$829,998
117	2024-06-02-14	University of Delaware	Climate-Smart Sustainable Agriculture: Next Generation Smart Systems and Decision Tools for Enhancing Crop Yield and Soil Health	\$8,680,744	\$0	\$0
118	2024-06-02-15	University of Delaware	Wavelength Filtered Extended SWIR Imaging Array for Missile Defense Applications	\$0	\$0	\$62,500



119	2024-06-02-16	University of Delaware	Dual Role of Compatible Solutes as Osmoprotectants and an Abundant Nutrient Sources: Leveraging Chance Genetic Upgrades to Adapt to New Resources and Invade New Niches	\$735,071	\$0	\$0
120	2024-06-02-17	University of Delaware	Composites Research, Engineering and Advanced Technology (iCREATE)	\$315,414	\$0	\$0
121	2024-06-02-18	University of Delaware	Non-Destructive Evaluation, Microscopy and Mechanical Testing of Composite Panels	\$17,847	\$0	\$0
122	2024-06-02-19	University of Delaware	Scaling Up, Recruiting and Diversifying the University of Delaware Teacher Residency	\$7,334,762	\$0	\$0
123	2024-06-02-20	University of Delaware	Developing a Rat Model to Examine Mechanisms Via Which Traumatic Stress Leads to Opioid Abuse	\$156,371	\$0	\$0
124	2024-06-02-21	University of Delaware	Importance of Muscle-Subtendon Units in Achilles Tendinopathy	\$2,829,661	\$0	\$0
125	2024-06-02-22	University of Delaware	Advancing Sustainable Economic and Environmental Development Through the Creation of Production Systems for a Fisheries & Aquaculture Innovation	\$1,243,748	\$0	\$0
126	2024-06-02-23	University of Delaware	Literacy Professional Learning for Milford SD	\$0	\$0	\$99,260
127	2024-06-02-24	University of Delaware	Conference: Collaborating Around Motivating Mathematics Products (CAMMP)	\$173,705	\$0	\$0
128	2024-06-02-25	University of Delaware	IUCRC Planning Grant University of Delaware: Center for Safe and Sustainable Batteries (CSSB)	\$12,500	\$0	\$0
129	2024-06-02-26	University of Delaware	CAREER: Characterization and Development of Prokaryotic Argonauts for Synthetic Biology	\$25,800	\$0	\$0
130	2024-06-02-27	University of Delaware	Investigations of the Controlling Factors for the Onset of Electron-Only Magnetic Reconnection in Magnetosheath and Magnetospheric Current Sheets	\$0	\$0	\$58,899
131	2024-06-02-28	University of Delaware	Mid-Atlantic MBON: Dynamic Biodiversity and Telemetry Data for a Changing Coast	\$1,655,591	\$0	\$0
132	2024-06-02-29	University of Delaware	Establishing a Multiregional Sustainable Agriculture System: Biochar-Centered Climate-Smart Practices to Boost Low-Carbon Circular Bioeconomy	\$8,756,242	\$0	\$0
133	2024-06-02-30	University of Delaware	4H Programming in NCC4H; RT9 and Knollwood, FY25	\$0	\$0	\$84,000
134	2024-06-02-31	University of Delaware	An Inverse Design Methodology to Fabricate Low-Cost Agile Tools for Manufacturing Lightweight Automotive Components	\$3,151,591	\$0	\$0
135	2024-06-02-32	University of Delaware	Pathways for Achieving Transformational Climate Adaptation	\$35,935	\$0	\$0
136	2024-06-02-33	University of Delaware	DRiving Automotive Industry WorkForce Transformation (DRIFT): Excellence and Innovation in Cybersecurity and Artificial Intelligence	\$0	\$0	\$275,167
137	2024-06-02-34	University of Delaware	Dissecting the Protective Role of Cardiac Hsp90 $\beta$ Ablation/Inhibition	\$1,943,508	\$0	\$0
138	2024-06-02-35	University of Delaware	Cellular Heterogeneity and Niche Regulation in TMJ	\$1,321,475	\$0	\$0
139	2024-06-02-36	University of Delaware	Upward Reclassification from Football Championship Series to Football Bowl Subdivision: A Case Study on One University's Transition and its Impact on Women's Teams and Non-Football Men's Teams	\$0	\$0	\$5,595
140	2024-06-02-37	University of Delaware	Promoting First-Time Teaching Assistants Non-Deficit Ways of Using Students Thinking in Teaching	\$0	\$0	\$296,109
141	2024-06-02-38	University of Delaware	Integrated Modeling for Predictive Analysis of Coastal Terrains (IMPACTS)	\$5,186,632	\$0	\$0
142	2024-06-08-01	Delaware State University	Advancing Sustainable Economic and Environmental Development Through the Creation of a Fisheries & Aquaculture Innovation Center (FAIC)	\$56,466	\$0	\$0
143	2024-06-08-02	Delaware State University	Collaborative Research: SRS RN: Sustainable Health Amid Regional EcoSystems (SHARES)	\$975,008	\$0	\$0
144	2024-06-08-03	Delaware State University	AI Institute for Human-AI Cooperation (AI2HAI)	\$2,497,060	\$0	\$0
145	2024-06-08-04	Delaware State University	Central Cholinergic Synaptic Transmission During Aging	\$3,155,937	\$0	\$0
146	2024-06-08-05	Delaware State University	Circuits and Mechanisms Through Which Basal Forebrain Cholinergic Neurons Facilitate Fear Extinction	\$52,637	\$0	\$0
147	2024-06-08-06	Delaware State University	Feed the Future Innovation Lab for Climate Resilient	\$654,118	\$0	\$0
148	2024-06-08-07	Delaware State University	Higher Education Congressionally Funded Community	\$2,346,000	\$0	\$0
149	2024-06-08-08	Delaware State University	Strengthening Prevention Education on DSU's Campuses to Eliminate Sexual Violence	\$499,603	\$0	\$0
150	2024-06-08-09	Delaware State University	Campus Safety Improvements	\$540,000	\$0	\$0
151	2024-06-08-10	Delaware State University	Planning: Center for Renewable Energy and Biotechnology (CREB)	\$199,995	\$0	\$0
152	2024-06-08-11	Delaware State University	Biocarbons for Advanced Supercapacitors: Sustainable Synthesis Methodology and Life-Cycle Analysis (LCA) for Reducing	\$1,491,628	\$0	\$0
153	2024-06-08-12	Delaware State University	To Increase the Awareness of COVID-19 Bridget Vaccine Programs	\$71,944	\$0	\$0

Created 6/10/2024

**Delaware State Clearinghouse Committee  
Revised July Agenda**

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

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">6347</a>	Department of Health and Social Services, Public Health, Community Health	Community Level Innovations for Improving Health	\$599,785	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6349</a>	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer - Program Benefits	\$9,720,000	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">6345</a>	Judicial, Family Court	Court Improvement Program Grant	\$299,719	\$100,812	\$0	1.00	0.45	0.00
2	<a href="#">6359</a>	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$243,862	\$81,294	\$0	0.25	0.06	0.00
3	<a href="#">6360</a>	Executive, Criminal Justice, Criminal Justice Council	Family Violence Service and Prevention Act Grant	\$916,054	\$11,929	\$217,563	0.42	0.10	0.00
4	<a href="#">6364</a>	Executive, Criminal Justice, Criminal Justice Council	John R. Justice	\$69,633	\$0	\$0	0.08	0.00	0.00
5	<a href="#">6380</a>	Department of Technology and Information, Administration	State Digital Equity Capacity Grant Program - IJJA	\$4,816,482	\$0	\$0	0.75	0.00	0.00
6	<a href="#">6365</a>	Department of State, Libraries	AmeriCorps Volunteers In Service to America	\$15,000	\$0	\$0	0.00	0.00	0.00
7	<a href="#">6373</a>	Department of State, Division of Arts, Office of the Director	Promotion of the Arts -Partnership Agreement	\$940,000	\$940,000	\$0	3.00	0.00	0.00
8	<a href="#">6378</a>	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
9	<a href="#">6314</a>	Department of Health and Social Services, Public Health, Community Health	Ryan White Care Act Title II Supplement	\$3,000,000	\$0	\$0	0.00	0.00	0.00
10	<a href="#">6316</a>	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	\$599,822	\$0	\$0	0.00	0.00	0.00
11	<a href="#">6322</a>	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
12	<a href="#">6330</a>	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families-Contingency	\$4,000,000	\$0	\$0	0.00	0.00	0.00
13	<a href="#">6331</a>	Department of Health and Social Services, Social Services	Child Care Development - Mandatory	\$5,179,330	\$5,179,325	\$0	0.00	0.00	0.00
14	<a href="#">6332</a>	Department of Health and Social Services, Social Services	Child Care Development Fund Matching	\$6,134,025	\$6,134,025	\$0	0.00	0.00	0.00
15	<a href="#">6333</a>	Department of Health and Social Services, Social Services	Refuge Cash and Medical Assistance Program	\$5,920,452	\$0	\$0	0.00	0.00	0.00
16	<a href="#">6334</a>	Department of Health and Social Services, Social Services	Refugee Social Service Case Program	\$982,658	\$0	\$0	0.00	0.00	0.00
17	<a href="#">6335</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Employment	\$304,370	\$0	\$0	0.00	0.00	0.00
18	<a href="#">6336</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Employment Operations	\$211,305	\$211,305	\$0	0.00	0.00	0.00
19	<a href="#">6337</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Employment and Training	\$173,500	\$173,500	\$0	0.00	0.00	0.00
20	<a href="#">6338</a>	Department of Health and Social Services, Social Services	Supplemental Nutritional Education	\$1,305,127	\$0	\$0	0.00	0.00	0.00

21	<a href="#">6339</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program State Exchange	\$8,125	\$0	\$0	0.00	0.00	0.00
22	<a href="#">6340</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Access	\$3,000	\$0	\$0	0.00	0.00	0.00
23	<a href="#">6341</a>	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer System	\$1,177,362	\$1,177,362	\$0	0.00	0.00	0.00
24	<a href="#">6348</a>	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
25	<a href="#">6363</a>	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
26	<a href="#">6366</a>	Department of Health and Social Services, State Service Centers	Foster Grandparent Program Grant	\$595,860	\$364,924	\$0	0.00	6.00	0.00
27	<a href="#">6375</a>	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program	\$13,000,000	\$0	\$0	2.25	0.00	0.00
28	<a href="#">6379</a>	Department of Health and Social Services, State Service Centers	Community Services Block Grant	\$4,082,197	\$0	\$0	1.75	0.00	0.00
29	<a href="#">6381</a>	Department of Health and Social Services, Division of Health	Centers for Medicare and Medicaid	\$526,000	\$0	\$0	0.00	0.00	0.00
30	<a href="#">6368</a>	Department of Services for Children, Youth and Their Families, Intervention and Treatment	Title IV-E - Independent Living Program	\$500,000	\$125,000	\$0	2.00	0.00	0.00
31	<a href="#">6369</a>	Department of Services for Children, Youth and Their Families, Intake and Investigation	Child Abuse Prevention and Treatment Act	\$329,636	\$0	\$0	3.00	0.00	0.00
32	<a href="#">6371</a>	Department of Services for Children, Youth and Their Families, Intervention and Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	\$61,287	\$20,429	\$0	0.00	0.00	0.00
33	<a href="#">6372</a>	Department of Services for Children, Youth and Their Families, Intervention and Treatment	Title IV, Part E - Education and Training Vouchers	\$64,167	\$16,042	\$0	0.00	0.00	0.00
34	<a href="#">6321</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Delaware National Estuarine Research Reserve Operation	\$1,850,031	\$792,871	\$0	4.50	1.90	0.00
35	<a href="#">6323</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Millsboro Trichloroethylene Removal	\$61,116	\$0	\$0	0.16	0.00	0.00
36	<a href="#">6344</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Delaware Coastal Management Program Implementation	\$3,406,906	\$3,347,835	\$0	9.50	12.45	0.00
37	<a href="#">6351</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Water Quality Management - Planning	\$164,000	\$0	\$0	0.00	0.00	0.00
38	<a href="#">6352</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Recreational Boating Safety Grant	\$1,115,185	\$1,404,883	\$0	10.25	0.00	6.85
39	<a href="#">6362</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Beaches Environmental Assessment and Coastal Health	\$209,000	\$0	\$0	0.00	0.00	0.00
40	<a href="#">6367</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Del Riparian and Conservation Practice Partnership	\$100,000	\$25,000	\$0	0.00	0.18	0.00
41	<a href="#">6374</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Shellfish Sanitation Equipment	\$39,891	\$0	\$0	0.00	0.00	0.00
42	<a href="#">4119 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	W-37-R-20 Wildlife Investigations - Waterfowl and Migratory Game Birds	\$26,250	\$8,750	\$0	0.20	0.17	0.00
43	<a href="#">5324 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Weatherization Assistance Program	\$955,864	\$0	\$0	0.00	0.00	0.00
44	<a href="#">5331 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Brownfields Revitalization	\$436,965	\$0	\$0	2.30	0.00	0.00
45	<a href="#">5598 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Brownfields Revitalization - IJJA	\$229,407	\$0	\$0	0.40	0.00	0.00

46	<a href="#">5992 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	State Energy Program	\$435,270	\$0	\$0	3.00	0.00	0.00
47	<a href="#">6358</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Building Resilient Infrastructure & Communities	\$492,042	\$408	\$135,923	0.10	0.00	0.00
48	<a href="#">6377</a>	Department of Safety and Homeland Security, Office of the Secretary, Division of Forensic Science	DNA Capacity Enhancement & Backlog Reduction Program	\$650,000	\$0	\$0	0.00	0.00	0.00

**Higher Education**

1	2024-07-06-01	University of Delaware	Regulatory T-Cell Targeting Biomaterials for Skeletal Muscle Regeneration	\$1,759,955	\$0	\$0			
2	2024-07-06-02	University of Delaware	Collaborative Research: DSC: National Student Data Corps - Data and Knowledge for Social Good (NSDC-DAKS)	\$56,250	\$0	\$0			
3	2024-07-06-03	University of Delaware	Spatiotemporal Dynamic Materials to Assess Point-of-Origin Mechanobiology	\$1,678,799	\$0	\$0			
4	2024-07-06-04	University of Delaware	Identifying Predictive Processing Deficits in Children Who Stutter	\$375,000	\$0	\$0			
5	2024-07-06-05	University of Delaware	Comprehensive Methods to Build Fair and Responsible Health LLMs	\$1,217,331	\$0	\$0			
6	2024-07-06-06	University of Delaware	Evaluating the Feasibility of Using Dynamic AFOs to Modulate Achilles Tendon Load, Pain and Gait Mechanics for Individuals with Achilles Tendinopathy	\$275,000	\$0	\$0			
7	2024-07-06-07	University of Delaware	The Rainbow/Queer Joy Project: A Multidisciplinary Paradigm Shift in Rainbow Research	\$0	\$0	\$0			
8	2024-07-06-08	University of Delaware	NSF-DEVCOM Intern DCL: Enhanced Silicon Microring Modulator for RADAR Receiver	\$35,832	\$0	\$0			
9	2024-07-06-09	University of Delaware	Establishing the Science Behind Alzheimer's Recruitment Registries: Opportunities for Increasing Diversity and Accelerating Enrollment Into Trials	\$0	\$0	\$187,500			
10	2024-07-06-10	University of Delaware	RSA Acquisition of Goods and Services	\$40,000	\$0	\$0			
11	2024-07-06-11	University of Delaware	Milford Math Professional Learning, Coaching and School Improvement	\$0	\$0	\$95,011			
12	2024-07-06-12	University of Delaware	Continuing the VERITAS/Breakthrough Listen Collaborative Program	\$0	\$0	\$45,881			
13	2024-07-06-13	University of Delaware	NQVL:QSTD:Pilot: Atom-Based Quantum Sensor Arrays with Integrated Photonics and Electronics for THz Wideband Spectrum Sensing and Communication	\$0	\$0	\$96,664			
14	2024-07-06-14	University of Delaware	IUCRC Planning Grant University of Delaware: Center for Circularity and Sustainability (CCS)	\$12,500	\$0	\$0			
15	2024-07-06-15	University of Delaware	Collaborative Research: Collaborative Research: MRfoam-Bots: Decentralized Soft Robot Control Using Variable Stiffness Liquid Metal Actuated Magnetorheological Foams	\$132,949	\$0	\$0			
16	2024-07-06-16	University of Delaware	Collaborative Research: Impacts of Surface Ocean Surfactant Sources and Transformations on Their Chemical Composition and Air-Sea Relevant Properties	\$55,738	\$0	\$0			
17	2024-07-06-17	University of Delaware	Discovery and Development of USP15 Inhibitor for Treatment of Lewy Body Dementia	\$750,000	\$0	\$0			
18	2024-07-06-18	University of Delaware	Cavernicolide: A Novel Marine Macrolide Non-Small Cell Lung Cancer Cell Growth Inhibitor	\$275,000	\$0	\$0			
19	2024-07-06-19	University of Delaware	DPAA Mission Designation 24-1FM	\$0	\$0	\$261,526			
20	2024-07-06-20	University of Delaware	Highly Sensitive Wireless Hydrogen Sensor Network for Continuous Leakage Monitoring with Minimized Maintenance	\$2,375,472	\$0	\$0			
21	2024-07-06-21	University of Delaware	Acquisition of Goods and Services	\$60,000	\$0	\$0			
22	2024-07-06-22	University of Delaware	N242-099-0062 - Combining Sound and Magnetic Fields to Transfer Power Through Seawater and Metals (CoSoMaSaM)	\$0	\$0	\$47,369			
23	2024-07-06-23	University of Delaware	NOAA NWS National Mesonet Program 2021	\$0	\$0	\$28,789			

24	2024-07-06-24	University of Delaware	Design of Sustainable Polyolefin Thermosets with Industrial Applicability	\$0	\$0	\$54,734
25	2024-07-06-25	University of Delaware	Robot-Induced Personalized Ground Stiffness Perturbations for Long-Term Gait Adaptation and Rehabilitation After Stroke	\$322,640	\$0	\$0
26	2024-07-06-26	University of Delaware	Evaluation of Landfill Cover and Automated Gas Collection as Methane Emissions	\$0	\$0	\$32,832
27	2024-07-06-27	University of Delaware	Design-Build of the Securing American Biomanufacturing Research and Education Center (SABRE Center) 3	\$5,000,000	\$0	\$0
28	2024-07-06-28	University of Delaware	Real-World Assessment of Post-Stroke Upper Limb Performance (Rap Up)	\$275,000	\$0	\$0
29	2024-07-06-29	University of Delaware	Lightweight Adsorbent Composites for the Mitigation of Humidity, Heat and CO2 Build Up in a Closed Circuit SCBA	\$0	\$0	\$38,958
30	2024-07-06-30	University of Delaware	Unpacking Role Change: To What Extent Are Leaders Constrained?	\$0	\$0	\$15,000
31	2024-07-06-31	University of Delaware	Role of NYCs Universal Pre-K Expansion on the Health and Education of Children	\$0	\$0	\$149,966
32	2024-07-06-32	University of Delaware	A Novel Approach to Spatial Learning: Introducing the Pattern Alphabet	\$0	\$0	\$459,394
33	2024-07-06-33	University of Delaware	Multi-Layer PEDOT (Poly(3,4-Ethylenedioxythiophene)-Based Impedimetric Chemical Sensors	\$0	\$0	\$274,353
34	2024-07-06-34	University of Delaware	NQVL:QSTD:Pilot: Quantum Systems for Enhanced Sensors and Diagnostics (Q-SENSED)	\$0	\$0	\$60,000
35	2024-07-06-35	University of Delaware	Spontaneous Phase Separation, Emulsification, and Colloidal Stability of Acylated Peptides: Part II	\$0	\$0	\$156,250
36	2024-07-06-36	University of Delaware	NSF-AoF: RI: Small: AI-Enabled Multi-Scale Representation of Robot Embodiment	\$308,471	\$0	\$0
37	2024-07-06-37	University of Delaware	Global Centers: AI-Enabled Recycling Innovation for a Sustainable Economy (AI-RISE)	\$4,094,708	\$0	\$0
38	2024-07-06-38	University of Delaware	Cytotoxicity and Transfection Study	\$0	\$0	\$65,029
39	2024-07-06-39	University of Delaware	High pH/High Alkalinity Cultivation for Direct Atmospheric Air Capture and Algae Bioproducts	\$0	\$0	\$85,477
40	2024-07-06-40	University of Delaware	Expanding the Geography and User Base of the Atlantic Sturgeon Occurrence Model	\$489,184	\$0	\$0
41	2024-07-06-41	University of Delaware	Compressible and Incompressible Effects in Heliospheric Plasma Turbulence	\$506,587	\$0	\$0
42	2024-07-06-42	University of Delaware	Epigenetic Biomarkers for Spastic Cerebral Palsy	\$0	\$0	\$873,753
43	2024-07-06-43	University of Delaware	Equipping Communities to Upcycle Food Waste with Insect Allies	\$0	\$0	\$280,279
44	2024-07-06-44	University of Delaware	Democracy in the Mind's Eye: Antidemocratic Behavior Beyond Partisanship	\$0	\$0	\$14,999
45	2024-07-06-45	University of Delaware	Imagining Politics: The Role of Political Perceptions on Status and Participation	\$0	\$0	\$2,500
46	2024-07-06-46	University of Delaware	A Scalable Digital Solution for Early Childhood Education	\$0	\$0	\$67,091
47	2024-07-06-47	University of Delaware	Growing Interest with Delaware VoTech Schools in Earth Observation and Geospatial Technologies	\$0	\$0	\$22,174
48	2024-07-06-48	University of Delaware	Advanced Health Lifestyles PANO FY 24	\$0	\$0	\$348
49	2024-07-06-49	University of Delaware	Investigation of Proton and Electron Heating in the Structured Inner Heliosphere Using a Two-Fluid, Global Solar Wind Model with Turbulence Transport	\$609,983	\$0	\$0
50	2024-07-06-50	University of Delaware	Doctoral Dissertation Research: Demystifying Water Cycling of Ghost Forests: Harbingers of Coastal Change in a Warming World	\$19,384	\$0	\$0

51	2024-07-06-51	University of Delaware	Uaiakinan AO Uaroakoan Toronibwaia I-Kiribati Activity: Four-Week Youth Skills Camp	\$0	\$0	\$353,555
52	2024-07-06-52	University of Delaware	The Effectiveness of State Postsecondary Funding Approaches	\$0	\$0	\$45,625
53	2024-07-06-53	University of Delaware	Impact of Mild Cognitive Impairment on the Interplay and Neural Structures of Decision and Motor Processes	\$2,411,818	\$0	\$0
54	2024-07-06-54	University of Delaware	Integrating Radiologist Insights for Safe and Accurate AI-Assisted Prostate MRI Interpretation	\$351,381	\$0	\$0
55	2024-07-06-55	University of Delaware	SIMS Measurements on GeSn and SiGeSn Related Materials	\$0	\$0	\$3,613
56	2024-07-06-56	University of Delaware	Federal and State Technology (FAST) Technology Program	\$183,486	\$0	\$0
57	2024-07-06-57	University of Delaware	Understanding and Addressing the Impact of COVID-19 Educational Disruptions on Critical Areas of Students' Mathematics Learning	\$0	\$0	\$393,989
58	2024-07-06-58	University of Delaware	Doctoral Dissertation Research: Climatic Extremes Drive Neglected Tropical Disease Transmission and Hinder Health Equity	\$18,010	\$0	\$0
59	2024-07-06-59	University of Delaware	Travel: NSF Student Travel Grant for 2024 ACM International Conference on Mobile Computing and Networking (ACM MobiCom)	\$19,739	\$0	\$0
60	2024-07-06-60	University of Delaware	Deciphering the Functions of Mitochondria-Targeted Legionella Effector	\$275,000	\$0	\$0
61	2024-07-06-61	University of Delaware	Examining the Role of Aerobic Exercise on Vocabulary Learning in Children with and Without Developmental Language Disorder	\$1,841,719	\$0	\$0
62	2024-07-06-62	University of Delaware	A Bayesian Modelling Initiative for Developing a Fact-Based Framework for Combining Automated and Manual Inspection Methods and Frequency	\$0	\$0	\$146,598
63	2024-07-06-63	University of Delaware	Hydrogen Workforce Development - Summer 2024 Student Project	\$0	\$0	\$20,568
64	2024-07-06-64	University of Delaware	Evaluating the Co-Occurring Impact of Brain Injury (BI) and PTSD on Sleep Disturbances and the Overall Mental Health and Well-Being of Women Survivors of Intimate Partner Violence (IPV)	\$275,000	\$0	\$0
65	2024-07-06-65	University of Delaware	Breathing, Full Volume Pulmonary Deposition Model to Transform Development of Aerosol Therapeutics	\$275,000	\$0	\$0
66	2024-07-06-66	University of Delaware	Advancing Establishment of an Introduced Parasitoid for Biocontrol of Drosophila Suzukii in Mid-Atlantic States	\$25,483	\$0	\$0
67	2024-07-06-67	University of Delaware	Collaborative Research: Marriage Market Effects of Strengthening Female Inheritance Rights in Pakistan	\$118,411	\$0	\$0
68	2024-07-06-68	University of Delaware	Neural Perceptive Bipedal Locomotion	\$324,284	\$0	\$0
69	2024-07-06-69	University of Delaware	Affirming and Protecting Minoritized Students: The Impact of State Education Policy on Mental Health	\$0	\$0	\$75,000
70	2024-07-06-70	University of Delaware	Establishment of a Chicken 3D Enteroids Model to Study the Effects of Bioactive Compounds on Intestinal Functions	\$0	\$0	\$72,000
71	2024-07-06-71	University of Delaware	FY 2023 Ocean Based Climate Resilience Accelerators	\$0	\$0	\$7,813
72	2024-07-06-72	University of Delaware	Predicting Language Growth in Children with ASD Using Statistical Learning	\$0	\$0	\$296,774
73	2024-07-06-73	University of Delaware	Training Inclusive and Effective Future Faculty in Chemical Engineering	\$1,008,918	\$0	\$0
74	2024-07-06-74	University of Delaware	Identification and Engineering of Highly Active Transposons for Rapid and Reliable Cell Line Engineering	\$0	\$0	\$108,001
75	2024-07-06-75	University of Delaware	FDT-BioTech: Systems Biology Informed Digital Twin for Glucose Management in Diabetes	\$447,017	\$0	\$0
76	2024-07-06-76	University of Delaware	Access to Infant and Toddler Care and Education for Infants and Toddlers with Disabilities	\$0	\$0	\$195,171
77	2024-07-06-77	University of Delaware	Assessing Climate in the Biomedical and Behavioral Sciences at UD	\$749,902	\$0	\$0

78	2024-07-06-78	University of Delaware	National Sea Grant Extension Program Liaison Intergovernmental Personnel Act (IPA) Opportunity - 2	\$38,370	\$0	\$0
79	2024-07-06-79	University of Delaware	New Perspectives Professional Development Program	\$22,544	\$0	\$0
80	2024-07-06-80	University of Delaware	An Integrated Multi-Material Digital Life Cycle Approach for Additive Manufacturing of Ground Vehicle Structures and Components	\$0	\$0	\$143,750
81	2024-07-06-81	University of Delaware	Organization and Development of Motor Cortical Circuits for Speech Production in Stuttering	\$0	\$0	\$228,797
82	2024-07-06-82	University of Delaware	GAANN: Inclusive Research and Teaching in Mechanical Engineering	\$1,008,918	\$0	\$0
83	2024-07-06-83	University of Delaware	Center for Home-Based Child Care	\$0	\$0	\$201,620
84	2024-07-06-84	University of Delaware	Northeast Rising in Wilmington, Delaware: Community Engagement and Climate Resilience by the Brandywine	\$2,376,945	\$0	\$0
85	2024-07-06-85	University of Delaware	Professional Learning & Coaching Services for Upper Dublin School District	\$0	\$0	\$70,750
86	2024-07-06-86	University of Delaware	A2D-1803 Low SWAP SWIR Hyperspectral Sensor for UAS Applications	\$0	\$0	\$62,500
87	2024-07-06-87	University of Delaware	Mid-Atlantic Clean Hydrogen Hub (MACH2)	\$0	\$0	\$8,465,597
88	2024-07-06-88	University of Delaware	Rodney Reservoir Community Garden Design	\$0	\$0	\$16,000
89	2024-07-06-89	University of Delaware	Design and Fabrication of Metamaterials Based Devices for Sensing and Communication Applications	\$305,625	\$0	\$0
90	2024-07-06-90	University of Delaware	Regulation of Post-Traumatic Osteoarthritis by Multiscale Transmission of Aberrant Load onto the Chondrocyte Cytoskeleton	\$2,120,667	\$0	\$0
91	2024-07-06-91	University of Delaware	In-season Reproduction of Root-Knot Nematodes	\$0	\$0	\$9,749
92	2024-07-06-92	University of Delaware	Coordination and Dissemination of Technical Assistance to Support Rural Communities, Region 3	\$0	\$0	\$8,764
93	2024-07-06-93	University of Delaware	NASA Delaware Space Grant College and Fellowship Program FY25-28	\$2,822,601	\$0	\$0
94	2024-07-06-94	University of Delaware	Collaborative Research: Research Infrastructure: ECORE RI: Strengthening Partnerships for Advancing Research Capacity in Delaware (SPARC-DE)	\$3,385,783	\$0	\$0
95	2024-07-06-95	University of Delaware	Effects of Nominal Complexity on Prominence of Subjects and Objects	\$275,610	\$0	\$0
96	2024-07-06-96	University of Delaware	Reusable Polymer Technology: Circularity of Polymers Enabled Through Dynamic Covalent Chemistry	\$1,741,934	\$0	\$0
97	2024-07-06-97	University of Delaware	Center for Home-Based Child Care	\$0	\$0	\$201,620
98	2024-07-06-98	University of Delaware	Riverfront Workshop ALI	\$0	\$0	\$5,750
99	2024-07-06-99	University of Delaware	Proposal: CRISES: Interdisciplinary Study of the Design, Implementation and Impacts of Science-Based Environmental, Social and Governance Certifications in Resource Intensive Industries	\$65,276	\$0	\$0
100	2024-07-07-01	University of Delaware	ART: Translating Engineering Driven Health Initiatives from Idea to Impact	\$200,095	\$0	\$0
101	2024-07-07-02	University of Delaware	Study Episodic CyanoHABs in the Louisiana-Mississippi Coast Utilizing Hyperspectral Field and Satellite Observations, Machine Learning and Coupled Modeling	\$0	\$0	\$180,334
102	2024-07-07-03	University of Delaware	Sussex County Appropriation	\$0	\$0	\$169,049
103	2024-07-07-04	University of Delaware	Radio America Production of Educational Audio and Video Features for the Center for Economic Educations & Entrepreneurship	\$0	\$0	\$66,364
104	2024-07-07-05	University of Delaware	IL-6 Purification from E. coli Cell Paste	\$0	\$0	\$26,823

105	2024-07-13-01	Delaware State University	Healthy Air, Healthy Lives: Mitigating Social Health Disparities	\$1,249,999	\$0	\$0
106	2024-07-13-02	Delaware State University	Development of Peptide-Based Imaging Targeting VEGFR3 in Parkinson's Pathology	\$87,600	\$0	\$0
107	2024-07-13-03	Delaware State University	2D-3D Materials' Development and Their Integration	\$199,900	\$0	\$0
108	2024-07-13-04	Delaware State University	Elementary Education Hawkins Grant Application	\$356,423	\$0	\$0
109	2024-07-13-05	Delaware State University	DSU Creating Brave and Safe Spaces Project	\$735,931	\$0	\$0
110	2024-07-13-06	Delaware State University	A Neuroprotective Strategy Against Parkinson's Disease Through a HBCU-UCLA Collaboration	\$3,261,557	\$0	\$0
111	2024-07-13-07	Delaware State University	Strengthening Historically Black Graduated Institutions	\$8,791,810	\$0	\$0
112	2024-07-13-08	Delaware State University	Glandular Trichomes-Based Biomanufacturing of Artemisinin from Bioengineered and Wild-Type Embryogenic Suspensions and Calluses	\$342,489	\$0	\$0

Revised 07/19/2024



**Delaware State Clearinghouse Committee  
Revised August Agenda**

**Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
August 20, 2024 @ 10:00am**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">6214</a>	Department of Health and Social Services, Public Health, Community Health	Support and Scale Up of HIV Prevention Services	\$1,000,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6500</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Expansion of Medicaid and Childrens Health Insurance Program	\$2,506,380	\$0	\$0	2.00	0.00	0.00
3	<a href="#">6411</a>	Department of Health and Social Services, Public Health, Community Health	Advancing Health Equity and Asthma Control	\$499,600	\$0	\$0	0.00	0.00	0.00
4	<a href="#">6425</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant and Position Request	\$2,119,808	\$0	\$0	1.30	0.00	0.00
5	<a href="#">6426</a>	Department of Health and Social Services, Substance Abuse and Mental Health	Substance Abuse Prevention and Treatment Services and Position Request	\$7,528,736	\$0	\$0	3.90	0.00	0.00
6	<a href="#">6406</a>	Department of Correction, Administrative Services	Body Worn Camera Pilot Program	\$113,000	\$0	\$0	0.00	0.00	0.00
7	<a href="#">6430</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Milford Neck Preserve - Delaware Wild Lands	\$1,000,000	\$0	\$333,333	0.00	0.00	0.00
8	<a href="#">6090 Amendment</a>	Department of Labor, Unemployment Insurance	Unemployment Insurance Administration Grant and Switch Fund	\$0	\$0	\$0	(1.00)	1.00	0.00
<b>Continued</b>									
1	<a href="#">6054 Amendment</a>	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program (TEFAP)	\$145,000	\$43,630	\$0	0.00	0.00	0.00
2	<a href="#">5553 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Infrastructure and Workforce	\$4,743,846	\$0	\$0	0.00	0.00	0.00
3	<a href="#">6282</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Health	Immunization and Vaccines for Children	\$2,778,928	\$0	\$0	15.00	0.00	0.00
4	<a href="#">6355</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Diseases	\$15,314,450	\$0	\$0	14.68	0.00	0.00
5	<a href="#">6370</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Health	Projects for Assistance in Transition from Homeless	\$300,000	\$100,000	\$0	0.00	0.00	0.00
6	<a href="#">6376</a>	Department of Health and Social Services, Division of Substance Abuse and Mental Health	Bipartisan Safer Communities Act Center for Mental Health Block Grant	\$165,859	\$0	\$0	0.00	0.00	0.00
7	<a href="#">6382</a>	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS Prevention	\$987,935	\$0	\$0	3.50	0.00	0.00
8	<a href="#">6383</a>	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS Surveillance	\$205,642	\$0	\$0	2.05	0.00	0.00
9	<a href="#">6387</a>	Department of Health and Social Services, Child Support Services	Child Support Enforcement	\$25,253,499	\$12,034,767	\$0	123.42	63.58	0.00
10	<a href="#">6388</a>	Department of Health and Social Services, Child Support Services	Child Support Enforcement Incentive	\$1,560,396	\$0	\$0	21.00	0.00	0.00
11	<a href="#">6403</a>	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program – IJA	\$332,448	\$0	\$0	0.00	0.00	0.00
12	<a href="#">6407</a>	Department of Health and Social Services, Public Health, Community Health	Hospital Preparedness Program	\$1,197,639	\$119,764	\$0	2.05	0.00	0.00
13	<a href="#">6408</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration /Community Services	Senior Community Service Employment Program	\$1,724,142	\$22,568	\$149,373	0.75	0.25	0.00
14	<a href="#">6415</a>	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

15	<a href="#">6417</a>	Department of Health and Social Services, Public Health, Community Health	Maternal, Infant and Early Childhood Home Visiting Grant	\$4,754,585	\$1,946,914	\$0	1.50	0.00	0.00
16	<a href="#">6453</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Administration - Title XIX MAP25	\$91,165,021	\$51,648,844	\$0	177.17	145.99	0.00
17	<a href="#">6457</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Services – Title XIX MAP 25	\$2,597,890,000	\$1,219,235,000	\$0	0.00	0.00	0.00
18	<a href="#">6458</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Children's Health Insurance Program	\$33,154,466	\$12,899,337	\$0	18.00	24.96	0.00
19	<a href="#">6399</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 1 - Child Welfare Services	\$854,370	\$284,790	\$0	3.00	0.00	0.00
20	<a href="#">6400</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	\$967,805	\$666,223	\$0	2.00	6.00	0.00
21	<a href="#">6422</a>	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Secretary	Title IV-E Foster Care	\$10,016,532	\$10,141,532	\$0	0.00	0.00	0.00
22	<a href="#">6423</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Adoption Assistance	\$5,020,060	\$5,020,060	\$0	0.00	0.00	0.00
23	<a href="#">6307</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund Supplemental - IJJA	\$22,985,000	\$4,597,000	\$0	25.85	0.00	0.00
24	<a href="#">6309</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water Base State Revolving Fund - IJJA	\$4,661,000	\$932,200	\$0	0.00	0.00	0.00
25	<a href="#">6310</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund Emerging Contaminants -IJJA	\$7,690,000	\$0	\$0	1.50	0.00	0.00
26	<a href="#">6313</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund Lead Service Line Replacement - IJJA	\$30,845,000	\$0	\$0	2.25	0.00	0.00
27	<a href="#">6401</a>	Department of Natural Resources and Environmental Control, Watershed Stewardship	Community Assistance Program	\$130,401	\$32,502	\$0	0.80	0.20	0.00
28	<a href="#">6409</a>	Department of Natural Resources and Environmental Control, Watershed Stewardship	Water Pollution Control	\$4,805,754	\$774,690	\$0	7.30	0.00	0.00
29	<a href="#">6410</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Port Security	\$306,651	\$8,392	\$0	0.97	0.00	0.00
30	<a href="#">2024-05-30-01</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Radiological Emergency Preparedness Program	\$0	\$0	\$1,453,351	0.00	0.00	10.70
31	<a href="#">6414</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Vocational Rehabilitation Services	\$12,076,795	\$3,315,477	\$0	71.50	0.00	0.00
32	<a href="#">6361</a>	Department of Agriculture, Administration	Specialty Crop Block Grant	\$330,787	\$0	\$0	0.00	0.00	0.00
33	<a href="#">6389</a>	Department of Education, Student Support	National School Lunch Program	\$45,549,731	\$487,127	\$0	0.00	0.00	0.00
34	<a href="#">6390</a>	Department of Education, Student Support	National School Breakfast Program	\$18,099,317	\$0	\$0	0.00	0.00	0.00
35	<a href="#">6391</a>	Department of Education, Student Support	Child and Adult Care Food Program	\$19,751,620	\$0	\$0	2.00	0.00	0.00
36	<a href="#">6392</a>	Department of Education, Student Support	Child and Adult Care Food Program Sponsor Admin	\$574,269	\$0	\$0	0.00	0.00	0.00
37	<a href="#">6393</a>	Department of Education, Student Support	Child and Adult Care Food Program Cash-in-Lieu	\$1,146,834	\$0	\$0	0.00	0.00	0.00
38	<a href="#">6394</a>	Department of Education, Student Support	Summer Food Service Program	\$1,308,108	\$0	\$0	0.55	0.00	0.00
39	<a href="#">6395</a>	Department of Education, Student Support	Fresh Fruit and Vegetables	\$2,900,547	\$0	\$0	0.00	0.00	0.00

40	<a href="#">6396</a>	Department of Education, Student Support	Equipment Assistance Grant	\$32,291	\$0	\$0	0.00	0.00	0.00
41	<a href="#">6397</a>	Department of Education, Student Support	Summer Food Service Program State Administrative Funds	\$79,500	\$0	\$0	0.15	0.00	0.00
42	<a href="#">6398</a>	Department of Education, Student Support	Child Nutrition State Administrative Expense	\$1,245,259	\$347,114	\$0	3.95	2.50	0.00

#### Higher Education

1	6412	Delaware Technical Community College	Idea Network of Biomedical Research	\$282,750	\$0	\$0			
2	2024-08-03-01	University of Delaware	Enhanced Retention of Proteoglycan Replacements in Articular Cartilage Through Thermal Gelation	\$2,030,323	\$0	\$0			
3	2024-08-03-02	University of Delaware	Developing an Early Career Peer Mentoring Program	\$0	\$0	\$49,997			
4	2024-08-03-03	University of Delaware	Collaborative Proposal: Sea Ice and Ocean Influences on Northern Greenland Warming: Analysis of Air Mass Modification Processes in Historical and Future Climate Scenarios	\$357,062	\$0	\$0			
5	2024-08-03-04	University of Delaware	Deerfield Dam Removal Impact on White Clay Creek Water Quality	\$0	\$0	\$71,343			
6	2024-08-03-05	University of Delaware	Explore Ubiquitinated Tau as a Novel Biomarker of Alzheimer's Disease	\$275,000	\$0	\$0			
7	2024-08-03-06	University of Delaware	Impact of a Histone H3K9 Methyltransferase on Mitochondria	\$100,000	\$0	\$0			
8	2024-08-03-07	University of Delaware	An Integrative Anaerobic Digestion and Phototrophic Biosystem for Sustainable Space Habitats and Life Supports	\$0	\$0	\$309,187			
9	2024-08-03-08	University of Delaware	MathByExample FLEX: Application of a Practice-Driven, Evidence-Based Approach to Mathematics Learning for a Post-COVID Educational System	\$0	\$0	\$469,379			
10	2024-08-03-09	University of Delaware	Antecedents, Mechanisms, and Outcomes of Extreme Intergroup Antipathy	\$486,956	\$0	\$0			
11	2024-08-03-10	University of Delaware	CAREER: Energy-Efficient, Scalable, and Atmospheric Plasma Tools for Sustainable Food Production and Processing	\$459,192	\$0	\$0			
12	2024-08-03-11	University of Delaware	MR Elastography of Complex Brain Mechanical Properties	\$3,351,381	\$0	\$0			
13	2024-08-03-12	University of Delaware	Parcells Lab HVT Project - Recombinant Infectious Clone Selection and Vaccine Assessment	\$0	\$0	\$95,924			
14	2024-08-03-13	University of Delaware	The HenHacks Hackathon for 2024	\$0	\$0	\$1,000			
15	2024-08-03-14	University of Delaware	Teacher Professional Development and Collaboration to Integrate CyberSecurity in Mathematics and Science Elementary Curriculum	\$0	\$0	\$229,998			
16	2024-08-03-15	University of Delaware	Wood Duck Reproductive Success and Brood Ecology From Artificial Nest Boxes in the Delmarva Peninsula	\$0	\$0	\$20,000			
17	2024-08-03-16	University of Delaware	CAREER: Bacterial Cytochrome C Biogenesis Synthase Function, Specificity and Evolution	\$916,831	\$0	\$0			
18	2024-08-03-17	University of Delaware	Joint Gravity-Seismic Imaging of Deformational Structures at South American Active and Inactive Plate Boundaries	\$230,576	\$0	\$0			
19	2024-08-03-18	University of Delaware	Music for Listeners with Autism: Enhancing an Interactive Web-Based Music Listening Platform for Children and Adults with ASD	\$15,000	\$0	\$0			
20	2024-08-03-19	University of Delaware	Durability of Steel Bridge Corrosion Protection Systems Phase 2	\$0	\$0	\$9,300			
21	2024-08-03-20	University of Delaware	Incorporating Immune Response into High-Throughput Bioprinted Skin and Lung Models for Medical Counter Measure Development	\$379,152	\$0	\$0			
22	2024-08-03-21	University of Delaware	Sourcing Alternative Protein for Food Production by AI And Proteomics: Sustainability, Security, and Climate-Smart	\$0	\$0	\$35,265			
23	2024-08-03-22	University of Delaware	CAREER: Harnessing Colloidal Chemistry Towards Multifunctional P-Type Transparent Semiconductors	\$519,798	\$0	\$0			
24	2024-08-03-23	University of Delaware	Evaluation of Disparities of the Implementation of the Healthy Food Financing Initiative and Consequences for Household Food Insecurity	\$290,206	\$0	\$0			
25	2024-08-03-24	University of Delaware	Understanding the Role of Issue Salience in Health Messaging for Older Adults Willingness to Enroll in Ad Research Studies and Engage in Healthy Behaviors for Optimal Brain Health	\$109,262	\$0	\$0			
26	2024-08-03-25	University of Delaware	Master Research Agreement Amendment 24	\$0	\$0	\$5,864			

27	2024-08-03-26	University of Delaware	Synergize Remote Sensing with Observations to Enhance the Understanding and Predictability of Marine Heatwave and Ocean Acidity Extremes	\$584,460	\$0	\$0
28	2024-08-03-27	University of Delaware	USDA RCDI Rural Community Capacity Accelerator	\$183,499	\$0	\$0
29	2024-08-03-28	University of Delaware	Using a One Health Holobiotic Approach to Support the Growth of Healthy and Nutrient-Rich Plants in Space	\$1,820,858	\$0	\$0
30	2024-08-03-29	University of Delaware	Master Research Agreement Amendment 23	\$0	\$0	\$145,294
31	2024-08-03-30	University of Delaware	Master Research Agreement Amendment 20B	\$0	\$0	\$2,987
32	2024-08-03-31	University of Delaware	CAREER: Design and Processing of 3D Knitted Structures with Adaptable Mechanical Performance	\$362,824	\$0	\$0
33	2024-08-03-32	University of Delaware	Clean Hydrogen Education Through Peer-Reviewed Articles in a Flipped Course Format	\$0	\$0	\$152,017
34	2024-08-03-33	University of Delaware	Aminative Cross Couplings of Aryl Indoles and Boronic Acids	\$138,580	\$0	\$0
35	2024-08-03-34	University of Delaware	Regulatory Networks in Lens Development	\$1,250,000	\$0	\$0
36	2024-08-03-35	University of Delaware	Membrane-Wrapped Gold Nanoshells for the Detection and Treatment of Endometriosis	\$162,768	\$0	\$0
37	2024-08-03-36	University of Delaware	Hydrogel-Based Therapeutic Delivery of Stem Cell-Derived Extracellular Vehicles	\$3,127,426	\$0	\$0
38	2024-08-03-37	University of Delaware	MCAO Provencal Salary	\$0	\$0	\$141,699
39	2024-08-03-38	University of Delaware	Deep Learning Inference in Time-of-Flight Mass Spectroscopy	\$0	\$0	\$38,492
40	2024-08-03-39	University of Delaware	CAREER: Investigating the Bilingual Advantage	\$938,961	\$0	\$0
41	2024-08-03-40	University of Delaware	Planning_DCL_EPSCOR: SaTC Frontier: Toward Mitigating Supply Chain Risks in Autonomous Automotive	\$126,479	\$0	\$0
42	2024-08-03-41	University of Delaware	Collaborative Research: Actin-Mediated Stress Sensing and Control of Epidermal Cell-Cell Adhesion	\$232,331	\$0	\$0
43	2024-08-03-42	University of Delaware	Office of Education - Student Support Services Program - 2025-2030	\$347,863	\$0	\$0
44	2024-08-03-43	University of Delaware	Forests Among Managed Ecosystems: Monitoring, Remediation, and Restoration	\$35,000	\$0	\$0
45	2024-08-03-44	University of Delaware	Doctoral Fellowship Initiative for Saeed Esfandi AY 24-25	\$0	\$0	\$39,336
46	2024-08-03-45	University of Delaware	ERGO-Link: Exploring the Impact of Soil Health on Human Health Through Ergothioneine in Regenerative Organic Agriculture	\$0	\$0	\$146,707
47	2024-08-03-46	University of Delaware	Superfluid Helium Quantum Sensors for the Search for Dark Matter	\$0	\$0	\$183,561
48	2024-08-03-47	University of Delaware	Polynomial Approximation in Spaces of Analytic Functions	\$93,750	\$0	\$0
49	2024-08-03-48	University of Delaware	Planning_DCL_EPSCOR: CPS Frontier: PAVOS: Predictable Autonomous Vehicle Operating System	\$143,750	\$0	\$0
50	2024-08-03-49	University of Delaware	Planning_DCL_EPSCOR: CISE Large: Application-Aware Co-Design of Quantum-Classical Algorithms for High-Performance and Quantum Computing Systems	\$138,325	\$0	\$0
51	2024-08-03-50	University of Delaware	Assessing Habitat Use of American Shad (Alosa Sapidissima) in the Delaware River Basin Following Dam Removal	\$0	\$0	\$2,000
52	2024-08-03-51	University of Delaware	High Throughput Structure-Function Studies of Ni-Catalyzed C(sp2)-C(sp3) Coupling Reactions Using Enantioenriched Electrophiles	\$0	\$0	\$100,000
53	2024-08-03-52	University of Delaware	College for Everyone: Using Pre-College Pipeline Programs at the University of Delaware to Increase College Access & Success for Pell-Eligible Students in Rural Delaware Communities	\$0	\$0	\$454,546
54	2024-08-03-53	University of Delaware	CAREER: Toward Improving Fairness in Health LLMs	\$460,428	\$0	\$0
55	2024-08-03-54	University of Delaware	Career: Searching for the Nature of the Neutrino and Developing Flexible Instrumentation to Accelerate Discovery in Neutrino Physics	\$755,183	\$0	\$0
56	2024-08-03-55	University of Delaware	CAREER: Sensing Electric Fields Using Excited State Symmetry Breaking	\$483,186	\$0	\$0

57	2024-08-03-56	University of Delaware	Udare Cyber Scholarships for Service (SFS) Program	\$90,173	\$0	\$0
58	2024-08-03-57	University of Delaware	UnMES Engineering Test of Munitions Migration and Burial at Mile Beach, ME	\$340,554	\$0	\$0
59	2024-08-03-58	University of Delaware	Jacobs Foundation Research: Fellowship Ethan McCormick	\$0	\$0	\$154,867
60	2024-08-03-59	University of Delaware	Uncoupling the Mechanisms of HcPro-Induced Superinfection Exclusion and RNAi Suppression	\$0	\$0	\$216,328
61	2024-08-03-60	University of Delaware	ALA Mini Grant for 4-H Tobacco Prevention Education	\$0	\$0	\$20,000
62	2024-08-03-61	University of Delaware	CAREER: Advancing Climate Resilience of Food Supply Chains Through Research and Education	\$410,577	\$0	\$0
63	2024-08-03-62	University of Delaware	Fracture Toughness for Additively Manufactured High-Performance Composites Material and Process Characterization to Support Mission Tailorable Unmanned Aerial Systems UAS	\$53,123	\$0	\$0
64	2024-08-03-63	University of Delaware	CAREER: Enhancing Online News Browsing Experiences with Adaptive In-Situ Interventions	\$387,499	\$0	\$0
65	2024-08-03-64	University of Delaware	NSF Biofoundry Create Blender	\$1,670,909	\$0	\$0
66	2024-08-03-65	University of Delaware	AMWP Collaboration	\$47,610	\$0	\$0
67	2024-08-03-66	University of Delaware	AUCD/CDC Ambassador 24-26	\$0	\$0	\$9,501
68	2024-08-03-67	University of Delaware	Scale-Dependent Behavior of Energy Conversion and Transfer in Magnetic Reconnection and Other Coherent Structures	\$0	\$0	\$203,046
69	2024-08-03-68	University of Delaware	CAREER: Analyzing Collaborative Skills of Engineering Undergraduates in User Studies with Embodied Virtual Agents Via Quantitative Ethnography and Multimodal Machine Learning	\$752,061	\$0	\$0
70	2024-08-03-69	University of Delaware	CAREER: Too Hot, Too Cold or Just Right? Investigating the Controls on the Loss of Oceanic Organic Carbon in Aged Basaltic Crust	\$594,278	\$0	\$0
71	2024-08-03-70	University of Delaware	CAREER: Leveraging Multifunctional Active Colloids for Automation of Cellular Differentiation	\$468,342	\$0	\$0
72	2024-08-03-71	University of Delaware	CAREER: Sequential Dual Cure Strategy Enabled Additive Manufacturing of Polymer Composites	\$425,636	\$0	\$0
73	2024-08-03-72	University of Delaware	CAREER: Novel Magnetic Material Platforms for Probing Mechanobiology in Space and Time	\$415,191	\$0	\$0
74	2024-08-03-73	University of Delaware	Generative AI for Behavior-Informed Housing-Integrated Synthetic Population Generation	\$127,901	\$0	\$0
75	2024-08-03-74	University of Delaware	Processing-Induced Changes in Carbohydrates and Proteins in Grains and Legumes: Impact on Human Gut Microbiota	\$210,010	\$0	\$0
76	2024-08-03-75	University of Delaware	NIFA USDA Hatch Multistate FY24 Supp	\$4,485	\$0	\$0
77	2024-08-03-76	University of Delaware	Increasing Resilience of Survivor-Centered Social Systems: Adapting to COVID Related Constraints in Access to Services and Built Environment Use Patterns Supplement to 21A00601	\$266,896	\$0	\$0
78	2024-08-03-77	University of Delaware	Oceanographic Technical Services	\$249,480	\$0	\$0
79	2024-08-03-78	University of Delaware	CAREER: Novel Hydrodynamic Bio-Inspired Propulsion Using Swimmer Morphology	\$445,474	\$0	\$0
80	2024-08-03-79	University of Delaware	Biomarkers of Epileptogenesis in TSC	\$0	\$0	\$178,967
81	2024-08-03-80	University of Delaware	Understanding Linguistic Differences in Mild Cognitive Impairment: The Importance of Language Context and Psychosocial Functioning	\$108,402	\$0	\$0
82	2024-08-03-81	University of Delaware	HelioSwarm Faraday Cup Phase B	\$0	\$0	\$72,520
83	2024-08-03-82	University of Delaware	Enhancing the Capacity of Food Processing and Nutrition Through Integrated Research & Education on Prebiotic-Fortified Meat Analogs	\$0	\$0	\$188,312
84	2024-08-03-83	University of Delaware	Integrated Climate-Smart Extension Scholars and Youth Training Models for Extension Institutions Enhanced by AI and Machine Learning Training	\$0	\$0	\$83,939
85	2024-08-03-84	University of Delaware	Scalable Stable Perovskite Solar Cells for Soldier & Small Unit Tactical Energy Technology	\$2,043,750	\$0	\$0
86	2024-08-03-85	University of Delaware	Remote Sensing Optimization with Machine Learning	\$88,531	\$0	\$0

87	2024-08-03-86	University of Delaware	mRNA Loaded Extravesicles for Drug Delivery to Treat BPD	\$0	\$0	\$50,000
88	2024-08-03-87	University of Delaware	Influence of Body Size on Walking Stability Control in Older Adults	\$108,402	\$0	\$0
89	2024-08-03-88	University of Delaware	A Communication Science Approach to Understanding Individual-Level Determinants of Opioid Use and Social Media Content About Hormonal Birth Control	\$2,556,548	\$0	\$0
90	2024-08-03-89	University of Delaware	A Network Perspective on the Neurodevelopment of Emotion Dysregulation in Adolescence: Insights into Depression and Anxiety	\$106,646	\$0	\$0
91	2024-08-03-90	University of Delaware	Research Supplement to Promote Diversity for Toolkit for Fast Multipurpose and Inducible Bioorthogonal Chemistry	\$102,874	\$0	\$0
92	2024-08-03-91	University of Delaware	CCSU Curriculum Implementation & Coaching	\$0	\$0	\$76,267
93	2024-08-03-92	University of Delaware	Dynamic Measurement Project Work	\$0	\$0	\$14,505
94	2024-08-03-93	University of Delaware	Laurel Math Professional Learning	\$0	\$0	\$76,536
95	2024-08-03-94	University of Delaware	Laurel Literacy Professional Learning	\$0	\$0	\$75,381
96	2024-08-03-95	University of Delaware	Analysis and Origin of 1/f Flicker Noise in Density and Magnetic Field in the Inner Heliosphere - from the Photosphere to Geospace	\$362,597	\$0	\$0
97	2024-08-03-96	University of Delaware	Hazards, Disasters, and the Built Environment. Special Creativity Extension Supplemental Funding Request for Floodplain Avoidance	\$154,059	\$0	\$0
98	2024-08-03-97	University of Delaware	Quantum Optics Treatment of Ultralight Dark Matter Detection	\$380,480	\$0	\$0
99	2024-08-03-98	University of Delaware	Proposed Preceptorship Experience for Julio Fulcar in the Delaware ACTIVE Lab	\$0	\$0	\$1,000
100	2024-08-03-99	University of Delaware	Investigating the Impact of Microplastics on Poultry Reproduction	\$455,022	\$0	\$0
101	2024-08-04-01	University of Delaware	QPICS: Quantum Dot Photonic Integrated Circuits on Silicon	\$0	\$0	\$28,126
102	2024-08-04-02	University of Delaware	Agricultural Biosecurity: Collaborative Poultry, Waterfowl Science & Management to ID Risk Factors & Mitigate HPAI in Commercial Poultry	\$0	\$0	\$210,012
103	2024-08-04-03	University of Delaware	Integrating Health Check into Existing Extension Programming	\$0	\$0	\$85,830
104	2024-08-04-04	University of Delaware	Engineering Selective Metabolic Niches for Enhancing Bioinoculant Persistence and Sustainable Agriculture	\$449,998	\$0	\$0
105	2024-08-04-05	University of Delaware	University of Padova Partnership Agreement - Claudia Zoccarato	\$0	\$0	\$16,269
106	2024-08-04-06	University of Delaware	Museum Studies and Disaster Research Center Exhibition and Programming	\$0	\$0	\$11,175
107	2024-08-04-07	University of Delaware	Morphologically Adaptive Nanocomposite Elastomers	\$0	\$0	\$83,342
108	2024-08-04-08	University of Delaware	Master Research Agreement	\$0	\$0	\$44,382
109	2024-08-04-09	University of Delaware	UDare Cyber Scholarships for Service (SFS) Program	\$261,701	\$0	\$0
110	2024-08-04-10	University of Delaware	Collaborative Research: Eng-Biotech: Modular Display of Cellulosome-Like Structures (PETsomes) Via Cell Lysis-Mediated Enzyme Release for Efficient Pet Upcycling	\$227,849	\$0	\$0
111	2024-08-04-11	University of Delaware	Development of a Continental-scale High-Resolution Waterfowl Distribution Model to Facilitate One Health Based HPAI Interventions in Commercial Livestock and Poultry	\$0	\$0	\$817,800
112	2024-08-04-12	University of Delaware	Estimating the Effect of Herpes Zoster Vaccination on Dementia Risk: A Target Trial Approach in US Nursing Homes	\$0	\$0	\$120,799
113	2024-08-04-13	University of Delaware	Characterizing the Effects of WEE-1.3 Depletion on Spermatogenesis	\$146,922	\$0	\$0
114	2024-08-04-14	University of Delaware	Physiological Impact of Cystathione Beta-Synthase	\$146,922	\$0	\$0
115	2024-08-04-15	University of Delaware	Predictive Design and Manufacturing Via Machine Learning and Collaborative Robotics for Sustainable Encapsulation in Flexible Hybrid Electronics	\$0	\$0	\$324,896
116	2024-08-04-16	University of Delaware	NSF Cope Supp Ocean Decade	\$30,280	\$0	\$0

117	2024-08-04-17	University of Delaware	NSF Cope Supp Summer Scholars	\$60,798	\$0	\$0
118	2024-08-04-18	University of Delaware	Peptidoglycan Fragment Library to Investigate Innate Immune Responses	\$3,536,200	\$0	\$0
119	2024-08-04-19	University of Delaware	Feedback Activated: Adding Active Components to Animated Feedback Within a Mathematics Learning Technology	\$538,463	\$0	\$0
120	2024-08-04-20	University of Delaware	Broadband Acoustic Wave Propagation in Waveguide with Variable Properties	\$578,658	\$0	\$0
121	2024-08-04-21	University of Delaware	SL24 UnLocke the Light PADE 23/24 Partner Organization	\$0	\$0	\$3,000
122	2024-08-04-22	University of Delaware	E-RISE RII: Delaware Hub for Environmental Data Science Innovation and Inclusion (DE-HEDSII)	\$0	\$0	\$1,789,623
123	2024-08-10-01	Delaware State University	Center for Housing and Health Equity Research Practice Partnerships	\$3,991,792	\$0	\$0
124	2024-08-10-02	Delaware State University	Collaborative NRT: Nanotechnology Enabled Applications and Workforce Development in Delaware	\$1,800,000	\$0	\$0
125	2024-08-10-03	Delaware State University	E-RISE RII: Water in the Changing Coastal Environment of Delaware - Saltwater Intrusion (WiCCED Salt)	\$3,139,103	\$0	\$0
126	2024-08-10-04	Delaware State University	FY25 DSU SNAP-Ed Program	\$165,438	\$0	\$0
127	2024-08-10-05	Delaware State University	E-CORE RII: Strengthening Partnerships for Advancing Research Capacity in Delaware (SPARC-DE)	\$2,204,676	\$0	\$0
128	2024-08-10-06	Delaware State University	Development of Peptide-Based Imaging Targeting VEGFR3 in Parkinson's Pathology	\$87,600	\$0	\$0

Revised 8/19/2024

**Delaware State Clearinghouse Committee  
Revised September Agenda**

**Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
September 24, 2024 @ 10:00am**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">6431</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Residential Energy Auditor Training Program	\$2,000,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6454</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Public Humanities Projects	\$77,127	\$0	\$0	0.00	0.00	0.00
3	<a href="#">6471</a>	Department of Health and Social Services, Substance Abuse and Mental Health Administration	State Opioid Response Grant Continuation and 1.00 NSF Position Request	\$38,795,579	\$0	\$0	9.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">6467</a>	Executive, Criminal Justice, Criminal Justice Council	Presidential Security Assistance Grant FEMA	\$2,241,103	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6419</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients & Providers - State Health Insurance Assistance Program	\$36,120	\$0	\$0	0.40	0.30	0.00
3	<a href="#">6420</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients & Providers Act - Area on Aging	\$40,060	\$0	\$0	0.10	0.00	0.00
4	<a href="#">6421</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients & Providers Act - Aging and Disability Resource Center	\$36,299	\$0	\$0	0.10	0.00	0.00
5	<a href="#">6402</a>	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
6	<a href="#">6404</a>	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
7	<a href="#">6405</a>	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
8	<a href="#">6416</a>	Department of Health and Social Services, Public Health, Community Health	Maternal and Child Health Services	\$2,126,787	\$12,910,591	\$0	13.85	43.60	0.00
9	<a href="#">6434</a>	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
10	<a href="#">6435</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration /Community Services	Nutrition Services Incentive Plan	\$291,898	\$0	\$0	0.00	0.00	0.00
11	<a href="#">6436</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration /Community Services	Title VII Ombudsman	\$108,331	\$0	\$0	0.00	0.00	0.00
12	<a href="#">6437</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration /Community Services	Title III C-2 Home Delivered Meals	\$1,862,594	\$465,649	\$0	0.00	0.00	0.00
13	<a href="#">6438</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration /Community Services	Title III D Prevention and Health Promotion	\$130,378	\$0	\$0	0.00	0.00	0.00
14	<a href="#">6444</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration /Community Services	Title III E National Family Caregivers Support	\$960,345	\$240,086	\$0	3.00	0.00	0.00
15	<a href="#">6465</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration /Community Services	Title III C-1 Congregate Meals	\$2,764,180	\$1,289,170	\$0	3.75	5.25	0.00
16	<a href="#">6470</a>	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
17	<a href="#">6472</a>	Department of Health and Social Services, Public Health, Community Health	First Responders - Comp Addiction & Recovery Act	\$800,000	\$0	\$0	0.80	0.00	0.00
18	<a href="#">6473</a>	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



19	<a href="#">6474</a>	Department of Health and Social Services, Public Health, Community Health	Clinical Laboratory Improvement Amendments	\$66,262	\$48,566	\$0	0.48	0.52	0.00
20	<a href="#">6477</a>	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Breastfeeding	\$300,954	\$0	\$0	0.00	0.00	0.00
21	<a href="#">6547</a>	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
22	<a href="#">6550</a>	Department of Health and Social Services, Public Health, Community Health	Sudden Death in the Young Registry	\$107,335	\$0	\$0	0.00	0.00	0.00
23	<a href="#">6439</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Bat Research, Monitoring and Conservation	\$436,202	\$234,878	\$0	0.00	0.31	0.00
24	<a href="#">6440</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Cooperating Technical Partnership	\$90,000	\$0	\$0	0.70	0.00	0.00
25	<a href="#">6441</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Phragmites Control on Private/Public Lands	\$525,000	\$175,000	\$0	0.10	0.16	0.00
26	<a href="#">6450</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	National Dam Safety Program	\$53,436	\$0	\$0	0.00	0.00	0.00
27	<a href="#">6466</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Investigations- Wild Turkey	\$614,139	\$204,713	\$0	0.03	0.11	0.00
28	<a href="#">6469</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Investigations- Surveys	\$184,020	\$61,340	\$0	0.06	0.09	0.00
29	<a href="#">6475</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Non-tidal Boating and Fishing Access	\$991,443	\$330,481	\$0	0.58	0.37	0.00
30	<a href="#">6479</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Avian Conservation Projects	\$1,783,758	\$594,586	\$0	0.00	0.17	0.00
31	<a href="#">6481</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Waterfowl and Migratory Game Birds	\$1,279,395	\$426,465	\$0	0.85	0.16	0.00
32	<a href="#">6451</a>	Department of Safety and Homeland Security, State Police, Criminal Investigation	Port Security Grant Program	\$236,603	\$78,867	\$0	0.00	0.00	0.00
33	<a href="#">6455</a>	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Instant Criminal Background Check System Act Record Improvement Program	\$75,937	\$0	\$0	0.00	0.00	0.00
34	<a href="#">6456</a>	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Criminal History Improvement Program	\$91,000	\$0	\$0	0.00	0.00	0.00
35	<a href="#">6460</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Emergency Management Performance Grant	\$2,980,703	\$1,410,410	\$1,570,293	18.60	10.40	10.45
36	<a href="#">6468</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 402 Planning and Administration	\$2,810,775	\$261,831	\$0	5.00	2.00	0.00
37	<a href="#">6478</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Non-Profit Security Grant Program	\$1,800,000	\$0	\$0	0.00	0.00	0.00
38	<a href="#">6482</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(b) Occupant Protection Incentive Grant	\$377,435	\$0	\$0	1.00	0.00	0.00
39	<a href="#">6486</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(c) Traffic Safety Information System Improvements	\$427,361	\$0	\$0	1.00	0.00	0.00
40	<a href="#">6487</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(h) Protecting Roadside Deaths Incentive Grant - IJA	\$65,695	\$0	\$0	0.00	0.00	0.00
41	<a href="#">6488</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(d) Impaired Driving Countermeasures	\$1,507,453	\$0	\$0	1.00	0.00	0.00
42	<a href="#">6490</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(g) Non-Motorized Incentive Grant	\$252,202	\$0	\$0	0.00	0.00	0.00
43	<a href="#">6492</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(f) Motorcyclist Safety Grant	\$46,434	\$0	\$0	0.00	0.00	0.00

44	<a href="#">6493</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(e) Distracted Driving - IJA	\$247,978	\$0	\$0	0.00	0.00	0.00
45	<a href="#">6432</a>	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	\$580,135	\$0	\$0	6.50	0.00	0.00
46	<a href="#">6442</a>	Department of Labor, Office of Occupational and Labor Market Information	Workforce Information Grant	\$301,620	\$0	\$0	1.50	0.00	0.00
47	<a href="#">6443</a>	Department of Labor, Unemployment Insurance	Unemployment Insurance Administration Grant	\$10,500,000	\$0	\$0	131.00	0.00	0.00
48	<a href="#">6452</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Supported Employment Services	\$258,000	\$38,100	\$0	0.00	0.00	0.00
49	<a href="#">6459</a>	Department of Labor, Vocational Rehabilitation, Disability Determination Services	Disability Determination Service-SSA	\$7,969,162	\$0	\$0	53.00	0.00	0.00
50	<a href="#">6485</a>	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Health & Safety Statistics	\$85,000	\$85,000	\$0	1.00	1.00	0.00
51	<a href="#">6491</a>	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Health & Safety Consultation	\$575,099	\$63,901	\$0	5.50	0.50	0.00
52	<a href="#">6480</a>	Department of Agriculture, Food Products Inspection	Cooperative Meat Inspection	\$212,625	\$212,626	\$0	2.00	2.00	0.00
53	<a href="#">6445</a>	Delaware National Guard	Air Guard Operations and Maintenance Agreement	\$7,450,021	\$690,693	\$0	44.00	4.00	0.00
54	<a href="#">6446</a>	Delaware National Guard	Army National Guard Environmental Resource Management Agreement	\$686,261	\$0	\$0	4.00	0.00	0.00
55	<a href="#">6447</a>	Delaware National Guard	Air National Guard Security Guard Agreement	\$2,451,536	\$0	\$0	25.00	0.00	0.00
56	<a href="#">6448</a>	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	\$17,985,279	\$10,258,913	\$0	24.50	10.50	0.00
57	6308	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families - Restated from June 25, 2024 Agenda	\$32,290,981	\$33,745,927	\$0	28.67	26.25	0.00
58	6311	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Restated from June 25, 2024 Agenda	\$22,723,684	\$22,723,684	\$0	131.30	131.30	0.00
59	6302	Department of Labor, Unemployment Insurance	Reemployment Services and Eligibility Assessment - Restated from June 25, 2024 Agenda	\$797,434	\$0	\$0	9.70	0.00	0.00
60	6283	Department of Education, Academic Support	State Assessment and Related Activities - Restated from June 25, 2024 Agenda	\$3,594,954	\$0	\$0	2.10	0.00	0.00
61	6344	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Delaware Coastal Management Program Implementation - Restated from July 23, 2024 Agenda	\$3,406,906	\$3,347,835	\$0	9.50	12.45	0.00
62	6352	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Recreational Boating Safety Grant - Restated from July 23, 2024 Agenda	\$1,115,185	\$1,404,883	\$0	6.85	10.25	0.00
63	<a href="#">6516</a>	Department of Safety and Homeland Security, Office of the Secretary, Developmental Disabilities Council	Developmental Disabilities Council	\$526,120	\$20,000	\$80,000	4.00	0.00	0.00

**Higher Education**

1	2024-09-07-01	University of Delaware	E-RISE RII: Water in the Changing Coastal Environment of Delaware - Saltwater Intrusion (WiCCED Salt)	\$5,750,904	\$0	\$0			
2	2024-09-07-02	University of Delaware	The Intergenerational Transmission of Literacy to Offspring of Adolescent Mothers	\$93,198	\$0	\$0			
3	2024-09-07-03	University of Delaware	Master Research Agreement Amendment 24A	\$0	\$0	\$38,269			
4	2024-09-07-04	University of Delaware	UnMES Demonstration of Munitions Migration and Burial at Munitions Response Sites	\$1,266,964	\$0	\$0			

5	2024-09-07-05	University of Delaware	A Feasible Approach to Estimating the Cost of Educating Students with Disabilities: New Estimates, Validation of Existing Estimates, and Robustness	\$0	\$0	\$92,598
6	2024-09-07-06	University of Delaware	EAGER: CI PAOS: GenDM: Generative Data Management for HPC Systems	\$180,980	\$0	\$0
7	2024-09-07-07	University of Delaware	Examining the Role of HIV Stigma on Weight, Insulin Resistance, and HIV Related Outcomes Among Adults in South Africa	\$0	\$0	\$151,537
8	2024-09-07-08	University of Delaware	An Integrative Multi-Omics Approach for Systematic Identification of Sheddase Substrates and Targets	\$275,000	\$0	\$0
9	2024-09-07-09	University of Delaware	HEALTH for All: Supporting Nutrition for Delawareans with Atherosclerotic Cardiovascular Disease (ASCVD)	\$0	\$0	\$59,382
10	2024-09-07-10	University of Delaware	Animal Health and Disease Research Program FY24	\$947	\$0	\$0
11	2024-09-07-11	University of Delaware	Enhancing CDASim for Advanced CDA and V2X Research: Upgrading to ROS2 Compatibility and Automated Testing	\$0	\$0	\$56,251
12	2024-09-07-12	University of Delaware	Collaborative Research: Tackling Multi-Scale Nearshore Processes Using Machine Learning in a Physics-Based Framework	\$352,045	\$0	\$0
13	2024-09-07-13	University of Delaware	Testing of Battery Materials at Low and High Temperatures	\$0	\$0	\$44,820
14	2024-09-07-14	University of Delaware	Optimizing School Improvement Funding: Analyzing Allocation Practices and Impact	\$0	\$0	\$62,451
15	2024-09-07-15	University of Delaware	School Leader Use of Evidence Clearinghouses in School Improvement	\$0	\$0	\$69,251
16	2024-09-07-16	University of Delaware	Inflammation-Targeted Nanoparticles for Photothermal Therapy of Endometriosis	\$275,000	\$0	\$0
17	2024-09-07-17	University of Delaware	CCSU Curriculum Implementation & Coaching	\$0	\$0	\$77,805
18	2024-09-07-18	University of Delaware	Large-Scale CoPe Hub: Rising Voices, Changing Coasts: The National Indigenous and Earth Sciences Convergence Hub	\$611,118	\$0	\$0
19	2024-09-07-19	University of Delaware	Exploring the Temporal Bottleneck of the Human Brain	\$557,307	\$0	\$0
20	2024-09-07-20	University of Delaware	Collaborative Research: CS2: Modular Verification of Scientific Software Using Model Checking, Symbolic Execution, and Abstraction	\$500,991	\$0	\$0
21	2024-09-07-21	University of Delaware	In Situ Studies of Charge Transfer in 3d and 5d Complex Oxides	\$0	\$0	\$55,005
22	2024-09-07-22	University of Delaware	Studying Magnetoelectric Coupling in Van Der Waals/Oxide Thin Film Heterostructures	\$0	\$0	\$62,098
23	2024-09-07-23	University of Delaware	Modeling and Analysis of Magnetized Laser-Driven Implosions at NIF and Omega	\$0	\$0	\$247,566
24	2024-09-07-24	University of Delaware	Clinically Significant Drug Interactions Among Nursing Home Residents with ADRD	\$0	\$0	\$56,499
25	2024-09-07-25	University of Delaware	Wimpaco Data Assistance in Support of Task #MPO 25.10 RTP Implementation in FY2025 UPWP	\$0	\$0	\$10,129
26	2024-09-07-26	University of Delaware	Collaborative Research: RUI: Obliquity vs Precession Effects in Antarctic Ice Margin Dynamics Inferred from Ice Rafted Debris in the Southern Indian Ocean at ODP Site 745	\$170,778	\$0	\$0
27	2024-09-07-27	University of Delaware	Investigating the Impacts of Wave-Driven Langmuir Turbulence on the Estuarine Circulation	\$313,054	\$0	\$0
28	2024-09-07-28	University of Delaware	DPAA Mission Designation 24-7FM	\$0	\$0	\$347,333
29	2024-09-07-29	University of Delaware	Synergistic Use of UV Light and Cold Plasma for Nonthermal Decontamination of Fresh Produce and Wash Water	\$451,844	\$0	\$0
30	2024-09-07-30	University of Delaware	FCC NDBEDP National Deaf-Blind Equipment Distribution Program	\$60,126	\$0	\$0

31	2024-09-07-31	University of Delaware	Comparing Two Treatments to Reduce Type 2 Diabetes Risk in Adults with Prediabetes.	\$0	\$0	\$3,779,508
32	2024-09-07-32	University of Delaware	Biomechanics of Segmental Meniscus Transplantation: A Human Cadaveric Study	\$0	\$0	\$0
33	2024-09-07-33	University of Delaware	CogniSense: Center on Cognitive Multispectral Sensors	\$0	\$0	\$31,248
34	2024-09-07-34	University of Delaware	Impact Evaluation of Amplify Science for Elementary School - Grades 3,4,5 and Longitudinal Study	\$0	\$0	\$102,891
35	2024-09-07-35	University of Delaware	Improving Flax Quality and Yield Through Soil Amendment with Black Soldier Fly Frass	\$0	\$0	\$59,234
36	2024-09-07-36	University of Delaware	USDA Hatch Regular 23 Supplemental	\$3,791	\$0	\$0
37	2024-09-07-37	University of Delaware	Development of Plasma Microbubble Washing System for Environmentally Friendly and Efficient Postharvest Processing of Fresh Produce	\$455,023	\$0	\$0
38	2024-09-07-38	University of Delaware	SBA Cyber Prize Competition 24 Bowman	\$350,000	\$0	\$0
39	2024-09-07-39	University of Delaware	Renewal: Theoretical Support for the MMS Mission: Reconnection and Particle Acceleration in a Turbulent Environment	\$321,696	\$0	\$0
40	2024-09-07-40	University of Delaware	Aerosol Iron Solubility and Water Soluble Organic Matter Characteristics: A Focus on Remote Pacific Ocean Aerosols	\$608,199	\$0	\$0
41	2024-09-07-41	University of Delaware	Cultivating PFAS Solutions: Exploring Inputs, Irrigation Management, and Residue Management to Mitigate PFAS in Conventional Crops	\$454,705	\$0	\$0
42	2024-09-07-42	University of Delaware	National Early Care and Education Workforce Center	\$0	\$0	\$106,318
43	2024-09-07-43	University of Delaware	SAI: Examining Long-Term "Success" of Green Stormwater Infrastructure	\$488,943	\$0	\$0
44	2024-09-07-44	University of Delaware	Printing Next Generation Tactile Aids at Home: Accessible Fabrication and Community Training for Multi-Tiered Adoption Across LV/B Communities	\$2,856,069	\$0	\$0
45	2024-09-07-45	University of Delaware	Delaware AT Champion	\$0	\$0	\$9,250
46	2024-09-07-46	University of Delaware	Acquisition of Goods and Services	\$45,036	\$0	\$0
47	2024-09-07-47	University of Delaware	Theoretical Examination of Hydroboration	\$0	\$0	\$9,000
48	2024-09-07-48	University of Delaware	Enhancing Pre-Algebra Learning Using a Flexible, Practice-Driven, Evidence-Based Approach for Fractions, Decimals, and Percents	\$0	\$0	\$125,000
49	2024-09-07-49	University of Delaware	Addressing the Impact of COVID-19 Disruptions on the Fractions to Algebra Pipeline	\$0	\$0	\$195,001
50	2024-09-07-50	University of Delaware	REU Site: Summer REU Program in Marine Science at the University of Delaware	\$487,054	\$0	\$0
51	2024-09-07-51	University of Delaware	High-Resolution 13C-DIC Data Collection on GO-SHIP Cruises in the Indian & Pacific Oceans for Constraining the Oceanic 13C Suess Effect and Anthropogenic CO2 Uptake & Storage Rates	\$639,066	\$0	\$0
52	2024-09-07-52	University of Delaware	Regulation of EphrinB and Wnt Signaling by ADAMs	\$1,879,915	\$0	\$0
53	2024-09-07-53	University of Delaware	Investigation of Blade-Shape Electrochemo-Mechanical Behaviors Upon Mechanical Abusive Loading in NMC Lithium-Ion Batteries: From Component Material to Pack	\$0	\$0	\$96,110
54	2024-09-07-54	University of Delaware	Acquisition of Goods and Services	\$42,309	\$0	\$0
55	2024-09-07-55	University of Delaware	Police Media and Documentary Photography in 20th-Century America	\$39,063	\$0	\$0
56	2024-09-07-56	University of Delaware	Engineering for One Planet	\$0	\$0	\$6,956

57	2024-09-07-57	University of Delaware	Tailored Musculoskeletal Interventions for Improved Functional Recovery	\$1,500,000	\$0	\$0
58	2024-09-07-58	University of Delaware	Resurrecting Ancestral Membranes	\$0	\$0	\$276,714
59	2024-09-07-59	University of Delaware	Collaborative Research: CDS&E-MSS: Robust High-Dimensional Covariate-Assisted Network Model	\$177,586	\$0	\$0
60	2024-09-07-60	University of Delaware	Closing the Loop in Aquaculture: A Circular Bioeconomy Approach to Enhancing Sustainability and Efficiency in Recirculating Aquaculture Systems	\$0	\$0	\$140,007
61	2024-09-07-61	University of Delaware	Improved Delivery of Chemotherapeutics for Metastatic Breast Cancer	\$0	\$0	\$150,628
62	2024-09-07-62	University of Delaware	Improve the Blueberry Yield Prediction App and Extend its Availability for iOS Users	\$0	\$0	\$22,790
63	2024-09-07-63	University of Delaware	Collaborative Research: NRT: Nanotechnology Enabled Applications and Workforce Developments in Delaware	\$0	\$0	\$965,543
64	2024-09-07-64	University of Delaware	MASH Digital Twins Institute	\$0	\$0	\$2,971,488
65	2024-09-07-65	University of Delaware	REU Site: Applied Research in Synthetic Biology & Engineering (ARISE-REU)	\$324,170	\$0	\$0
66	2024-09-07-66	University of Delaware	REU Site: Dare to BE FIRST - Biomechanical Engineering Foundations in Impactful Research, Science & Technology	\$411,950	\$0	\$0
67	2024-09-07-67	University of Delaware	Combination Immunotherapy at the Time of ART Initiation in SHIV-infected NHPs	\$0	\$0	\$374,999
68	2024-09-07-68	University of Delaware	The IDEATE (Identify Data-Based Effective Approaches To Engagement) Study	\$0	\$0	\$178,054
69	2024-09-07-69	University of Delaware	USDA NIFA McIntire Stennis 25	\$97,847	\$0	\$0
70	2024-09-07-70	University of Delaware	ERI: Reducing Risk of Liquefaction-Induced Ground Failure by Deciphering Seismic Soil-System Response Through Field Forensics and Advanced Laboratory Testing	\$128,986	\$0	\$0
71	2024-09-07-71	University of Delaware	Collaborative Research: Elucidating the Mechanisms of Phosphate Oxygen Isotope Signatures Imprinted During Biomass Burning for a Better Understanding of the Post-Fire P Cycling	\$203,742	\$0	\$0
72	2024-09-07-72	University of Delaware	The Children's Interpersonal Mattering at School Scale: A Psychometric Exploration	\$0	\$0	\$25,000
73	2024-09-07-73	University of Delaware	Introduction to Contemporary English Language Teaching Methods	\$0	\$0	\$61,841
74	2024-09-07-74	University of Delaware	Sintered Powder Textile Coatings for Extreme Environments (Phase II)	\$0	\$0	\$160,664
75	2024-09-07-75	University of Delaware	Partnership: Managing Multiple Ecosystem Services of Rice Production in Response to Rising Temperatures: GHG Emissions, Metal(loid) Content, and Harvest Yield	\$0	\$0	\$315,624
76	2024-09-07-76	University of Delaware	The Role of Endothelial Cell Mitochondrial CD36 in Lipid Metabolism Under Obesity and Hyperglycemic Conditions	\$0	\$0	\$153,712
77	2024-09-07-77	University of Delaware	The Role of Selenoprotein S in Stress Response and its Connection to Cardiovascular Health	\$0	\$0	\$69,548
78	2024-09-07-78	University of Delaware	Novel Tools to Detect O-GlcNAc-Cycling	\$0	\$0	\$19,800
79	2024-09-07-79	University of Delaware	STAR: Exploring Biotic Controls on Nitrogen Losses Along a Successional Gradient in Agroecosystems	\$269,397	\$0	\$0
80	2024-09-07-80	University of Delaware	MURI: Evolution of Synthetic Pathways and Designs in Extreme Biological Structures	\$0	\$0	\$592,541
81	2024-09-07-81	University of Delaware	Nitro Biosciences - Development of a Universal Influenza Vaccine	\$0	\$0	\$25,078
82	2024-09-07-82	University of Delaware	Integrated Approaches to Manage Phytophthora Fruit Rot of Watermelon	\$0	\$0	\$24,520

83	2024-09-07-83	University of Delaware	Development and Evaluation of a Computer Vision-Based Monitoring Technique for Cucumber Beetles	\$0	\$0	\$8,000
84	2024-09-07-84	University of Delaware	Partnerships for Climate-Smart Commodities: Building Markets and Investing in America's Climate-Smart Farmers, Ranchers & Forest Owners to Strengthen U.S. Rural and Agricultural Communities	\$16,072	\$0	\$0
85	2024-09-07-85	University of Delaware	The Role of Endothelial CD36 in Obesity Induced Endothelial Dysfunction	\$0	\$0	\$69,548
86	2024-09-07-86	University of Delaware	Precise Exercise Prescription to Improve Walking Capacity in People with Stroke	\$0	\$0	\$34,774
87	2024-09-07-87	University of Delaware	Examining the Modulating Effects of Exercise and Sleep Timing on Cardiovascular Disease Risk in Early-Mid-Life Adults	\$0	\$0	\$69,548
88	2024-09-07-88	University of Delaware	Factors Affect the Transfer of Bacterial Pathogens to Leafy Greens from Soils	\$111,712	\$0	\$0
89	2024-09-07-89	University of Delaware	The Role of E-NTPDase1/CD39 and E-5'-NT/CD73 in the Endothelial Function Under High Sodium Intake	\$0	\$0	\$165,856
90	2024-09-07-90	University of Delaware	Integrated Metasurface Enabled High Throughout Free-Space Optical Communications with Quantum-Limited Coherent Detection	\$0	\$0	\$272,787
91	2024-09-07-91	University of Delaware	Understanding ABCA4 Variants of Unknown Significance Through Computational and Functional Approaches (Diversity Supplement)	\$96,684	\$0	\$0
92	2024-09-07-92	University of Delaware	Lifestyle, Blood Pressure, and Vascular Function in Chronic Kidney Disease	\$0	\$0	\$69,548
93	2024-09-07-93	University of Delaware	How School Policies Shape the Frequency, Duration, and Timing of Absenteeism and Subsequent Consequences for Academic Outcomes	\$0	\$0	\$228,528
94	2024-09-07-94	University of Delaware	3-Dimensional Biomaterials for the Universal Stabilization of Biologics	\$0	\$0	\$276,016
95	2024-09-07-95	University of Delaware	Developing the DASAL: Digital Assessment of Spatial Assembly and Spatial Language	\$1,797,871	\$0	\$0
96	2024-09-07-96	University of Delaware	Mechano-Responsive Delivery of a Non-Opioid Combinational Therapy for Control of Acute Postoperative Joint Pain	\$0	\$0	\$57,068
97	2024-09-07-97	University of Delaware	NSF-BSF Mechanobiology of Viral Capsids	\$914,652	\$0	\$0
98	2024-09-07-98	University of Delaware	Developing a Systematic Review and Toolkit for Engaging in Knowledge Mobilization Throughout the Research Process	\$224,283	\$0	\$0
99	2024-09-07-99	University of Delaware	Radiologist-Assisted Artificial Intelligence for Prostate Cancer Screening and Diagnosis	\$1,000,000	\$0	\$0
100	2024-09-08-01	University of Delaware	Fair and Responsible Use of Automated Detectors for AI-Generated Student Writing Work	\$0	\$0	\$536,308
101	2024-09-08-02	University of Delaware	Turning Brownfield into Greenfield: Novel Approach of Utilizing Excess Soil Phosphorus for Agroecosystem Sustainability	\$524,809	\$0	\$0
102	2024-09-08-03	University of Delaware	Interferometric Imaging of Surfactant Adsorption at Oil-Water Interfaces	\$0	\$0	\$110,000
103	2024-09-08-04	University of Delaware	Osteocyte Perilacunar/Canalicular Remodeling (PLR) in Maternal Skeleton Adaptation	\$0	\$0	\$32,693
104	2024-09-08-05	University of Delaware	Stretchable Electromagnetic Actuators for Human-Friendly Robotics	\$0	\$0	\$97,936
105	2024-09-08-06	University of Delaware	GROW: A National Response to the Herbicide-Resistant Weed Epidemic	\$80,204	\$0	\$0
106	2024-09-08-07	University of Delaware	A Practical Guide for Onboarding Non-Model Microbes	\$0	\$0	\$237,111
107	2024-09-08-08	University of Delaware	R/V Hugh R Sharp Ship Operations CY 2024-2028	\$4,090,134	\$0	\$0
108	2024-09-08-09	University of Delaware	Enhancing Organizational Data-Driven Decision Making Through Modernization of a Statewide School Climate Survey Platform	\$1,265,387	\$0	\$0

109	2024-09-08-10	University of Delaware	MARACOOS (Mid-Atlantic IOOS): Continuing to Strengthen Mid-Atlantic Infrastructure, Data Products and Services	\$1,786,579	\$0	\$0
110	2024-09-08-11	University of Delaware	VFT Vocal Fold Therapy	\$0	\$0	\$211,847
111	2024-09-08-12	University of Delaware	PARTNERSHIP: Tracing Nitrogen Through Cover Crop, Soil Organic Matter, and Cash Crop Pools Across Increasing Agroecosystem Diversity	\$729,853	\$0	\$0
112	2024-09-08-13	University of Delaware	Harnessing Plant-Associated Microbiome for Redirecting Phytate for Plant Nutrition and Enhancing Soil Health	\$524,860	\$0	\$0
113	2024-09-08-14	University of Delaware	MTSS/RTI as a System-Level Reform in Special Education: Exploring Equity and Accuracy in Disability Identification and Effects of Special Education Services on Student Learning	\$0	\$0	\$624,862
114	2024-09-08-15	University of Delaware	The Impacts of Global Large-Scale Land Acquisitions on Local Socio-Ecological Systems	\$0	\$0	\$48,347
115	2024-09-08-16	University of Delaware	Systematically Parametrizing the Physics of Precipitation-Dissolution of Polysulfides in the Li-S electrochemistry Towards Generalized Digital Twins for R&D	\$627,586	\$0	\$0
116	2024-09-08-17	University of Delaware	Refining Standard Intervention Protocols to Address Emotional Risk in the Early Elementary Years	\$671,022	\$0	\$0
117	2024-09-08-18	University of Delaware	Refining Side Scan Sonar as a Tool to Support Management of Asian Carp	\$15,625	\$0	\$0
118	2024-09-08-19	University of Delaware	New Perspectives Professional Development Program	\$28,418	\$0	\$0
119	2024-09-08-20	University of Delaware	Small Business Administration Cooperative Agreement CY25	\$717,844	\$0	\$0
120	2024-09-14-01	Delaware State University	Field Trials of Low-Profile Dogfish Gillnets to Reduce Atlantic Sturgeon Bycatch	\$280,470	\$0	\$0
121	2024-09-14-02	Delaware State University	Assess Dietary Habits and Develop Culturally-Tailored Education Programs to Manage Diet-Related Chronic Diseases Among African-Born Immigrants	\$300,000	\$0	\$0
122	2024-09-14-03	Delaware State University	Federal Work-Study	\$355,729	\$0	\$0
123	2024-09-14-04	Delaware State University	Delaware Hub for Environmental Data Science Innovation and Inclusion (DE-HEDSI)	\$6,999,899	\$0	\$0
124	2024-09-14-05	Delaware State University	Uncoupling HcPro-Mediated Induction of the Mechanisms of Superinfection Exclusion and RNAi Suppression	\$1,129,522	\$0	\$0
125	2024-09-14-06	Delaware State University	Nurturing STEM Teacher Excellence: An HBCU Community Practice	\$1,200,000	\$0	\$0
126	2024-09-14-09	Delaware State University	Investigation of Novel Alternative Proteins for Salmonid Feeds: An ARS - 1890 FRSP Collaboration	\$65,634	\$0	\$0
127	2024-09-14-10	Delaware State University	Integrated Technology Approaches for Monitoring and Mitigating Risks to Protected Species in DoD Inshore and Riverine Environments	\$232,939	\$0	\$0
128	2024-09-14-12	Delaware State University	Increasing Phytoplankton-Based Ingredients in Feeds for all Life Stages of Atlantic Salmon Aquaculture	\$250,000	\$0	\$0
129	2024-09-14-13	Delaware State University	Build Inter-Institutional Partnerships to Promote Global Perspectives in Tropical Agriculture and Enhance Student's Learning Opportunities	\$300,000	\$0	\$0
130	2024-09-14-14	Delaware State University	Project Title: Evaluate Anti-Proliferative Activity of Herbal Plant Extracts in Colorectal Cancer Cells	\$500,000	\$0	\$0
131	2024-09-14-15	Delaware State University	Addressing Global Food Security: Enhancing the Food Animal Veterinary Medicine Pipeline Through Graduate Student Training and Development	\$150,000	\$0	\$0
132	2024-09-14-16	Delaware State University	Enhancing Agricultural, Natural Resource, and Nutritional Science Workforce Through Graduate Student Training and Development	\$600,000	\$0	\$0
133	2024-09-14-17	Delaware State University	Integrated Climate-Smart Extension Scholars and Youth Training Models for Extension Institutions Enhanced by AI and Machine Learning Training	\$749,999	\$0	\$0
134	2024-09-14-18	Delaware State University	Advancement of Neutralizing Nanobodies and Proteins for Peanut Allergy Tolerance and Detection	\$499,999	\$0	\$0

135	2024-09-14-19	Delaware State University	Water Quality Certification Program: Detection of Inorganic and Organic Contaminants in Delaware's Wastewater and Wastewater Remediation	\$749,975	\$0	\$0
136	2024-09-14-20	Delaware State University	Omics and AI: A Wholistic Approach to Combat Gray Mold Fruit Rot in Strawberries	\$749,999	\$0	\$0
137	2024-09-14-21	Delaware State University	Develop Student Culinary Medicine and Leadership Competencies by Promoting Health and Preventing and Treating Disease in Underserved Populations	\$149,690	\$0	\$0
138	2024-09-14-22	Delaware State University	Integrating Wealth of Traditional Healing Knowledges to AI and Machine Learning Algorithms to Accelerate Discovery of Bioactive Natural Drugs	\$99,908	\$0	\$0
139	2024-09-14-23	Delaware State University	Strengthening the Capacity and Hands-On Student Training in the Functional Genomics in Plant Biotic and Abiotic Stresses at Delaware State University	\$59,795	\$0	\$0

Revised on 9/18/2024



**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 22, 2024 @ 10:00am

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">6536</a>	Legal, Department of Justice	Byrne Program Discretionary - Data Lab	\$788,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6561</a>	Department of Human Resources, Division of Diversity, Equity and Inclusion	Delaware Humanities/DEI Opportunity Grant	\$18,000	\$19,190	\$0	0.00	0.14	0.00
3	<a href="#">6527</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Training for Residential Energy Contractors	\$1,151,040	\$0	\$0	0.00	0.00	0.00
4	<a href="#">6509</a>	Department of Agriculture, Plant Industries	Box Tree Moth Survey	\$11,394	\$0	\$0	0.00	0.00	0.00
5	<a href="#">6602</a>	Department of Agriculture, Forest Service	Temporary Bridge - IJA	\$133,800	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">6540</a>	Executive, Office of Management and Budget, Food Distribution	Commodity Supplemental Food Program	\$127,078	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6541</a>	Executive, Office of Management and Budget, Food Distribution	State Administrative Expense Funds	\$173,800	\$0	\$0	0.60	0.00	0.00
3	<a href="#">6542</a>	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program (TEFAP)	\$223,121	\$231,786	\$0	1.40	2.70	0.00
4	<a href="#">5678 Amendment</a>	Executive, Criminal Justice, Criminal Justice Council	Postconviction Testing of DNA Evidence	\$246,310	\$0	\$0	0.10	0.00	0.00
5	<a href="#">5621 Amendment</a>	Department of Technology and Information, Administration	Broadband Equity Access and Deployment Planning Fund - IJA	\$4,995,113	\$0	\$0	4.00	0.00	0.00
6	<a href="#">6528</a>	Legal, Department of Justice	Victim Compensation Formula Grant (VOCA)	\$357,455	\$0	\$0	0.00	0.00	0.00
7	<a href="#">6532</a>	Legal, Department of Justice	Medicaid Fraud Control Unit	\$2,115,487	\$705,163	\$0	13.75	4.25	0.00
8	<a href="#">5829 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children	\$3,417,218	\$0	\$0	0.00	0.00	0.00
9	<a href="#">6346</a>	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
10	<a href="#">6354</a>	Department of Health and Social Services, Visually Impaired Services	Supported Employment-A	\$21,000	\$0	\$0	0.00	0.00	0.00
11	<a href="#">6356</a>	Department of Health and Social Services, Visually Impaired Services	Supported Employment-B	\$21,000	\$2,333	\$0	0.00	0.00	0.00
12	<a href="#">6449</a>	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	\$1,227,624	\$0	12.50	14.50	0.00
13	<a href="#">6511</a>	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
14	<a href="#">6520</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Adult Protective Services Omnibus Formula Grant	\$111,375	\$0	\$0	0.00	0.00	0.00
15	<a href="#">6521</a>	Department of Health and Social Services, Public Health, Community Health	Delaware Perinatal Cooperative	\$200,000	\$0	\$0	0.00	0.00	0.00
16	<a href="#">6543</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - State Exchange Electronic Benefit Transfer	\$8,000	\$0	\$0	0.00	0.00	0.00

17	<a href="#">6594</a>	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
18	<a href="#">6497</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Kinship Navigator	\$177,211	\$0	\$0	0.00	0.00	0.00
19	<a href="#">4070 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous	Support Agency Cooperative Agreement - Standard Chlorine/Metachem Fund Lead OU-2 RD	\$13,279	\$0	\$0	0.12	0.00	0.00
20	<a href="#">5025 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substance	Delaware City PVC OU-3 Remedial Investigation/Feasibility Study	\$22,635	\$0	\$0	0.16	0.00	0.00
21	<a href="#">5397 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substance	Hockessin Cleaners OU2 Removal	\$6,691	\$0	\$0	0.07	0.00	0.00
22	<a href="#">5808 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Underground Injection Control	\$50,000	\$36,881	\$0	0.00	0.00	0.00
23	<a href="#">6060 Amendment</a>	Department of Natural Resources and Environmental Control, Division of Climate, Coastal, and Energy	Grid Resiliency Formula Grant	\$1,271,693	\$190,753	\$0	0.00	0.00	0.00
24	<a href="#">6102 Amendment</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Office of Environmental Protection, Air Quality	State Clean Diesel Grant Program	\$0	\$0	\$1,331,710	0.00	0.00	0.00
25	<a href="#">6495</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal and Energy	National Estuarine Research Reserve System Building Capacity - IJJA	\$600,000	\$0	\$0	0.00	0.00	0.00
26	<a href="#">6496</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal and Energy	Delaware Coastal Management Program Building Capacity - IJJA	\$900,000	\$0	\$0	0.00	0.00	0.00
27	<a href="#">6508</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Coastal Impoundment Restoration and Enhancement	\$2,634,135	\$878,045	\$0	0.65	0.35	0.00
28	<a href="#">6522</a>	Department of Natural Resources and Environmental Control, Fish and Wildlife	Joint Enforcement Agreement	\$237,517	\$713	\$0	0.00	0.00	0.00
29	<a href="#">6484</a>	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
30	<a href="#">6504</a>	Department of Safety and Homeland Security, State Police, Training	Bulletproof Vest Partnership Program	\$106,998	\$106,998	\$0	0.00	0.00	0.00
31	<a href="#">6537</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	State and Local Cybersecurity Grant Program	\$4,546,985	\$227,349	\$909,397	0.50	0.25	0.00
32	<a href="#">6483</a>	Department of Transportation, Planning	Delaware Aviation System Planning	\$264,999	\$29,445	\$0	0.00	0.00	0.00
33	<a href="#">6515</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Independent Living Services	\$348,060	\$34,806	\$0	1.00	0.00	0.00
34	<a href="#">6526</a>	Department of Agriculture, Forest Service	Forest Health Management and Mentoring Program	\$83,000	\$98,717	\$0	0.66	0.91	0.00
35	<a href="#">6529</a>	Department of Agriculture, Forest Service	Urban and Community Forestry	\$300,000	\$254,156	\$45,844	2.55	2.35	0.00
36	<a href="#">6531</a>	Department of Agriculture, Forest Service	Volunteer Fire Assistance	\$39,359	\$19,940	\$20,362	0.10	0.19	0.00
37	<a href="#">6533</a>	Department of Agriculture, Forest Service	State Fire Assistance	\$138,216	\$96,862	\$41,354	0.82	0.90	0.00
38	<a href="#">6534</a>	Department of Agriculture, Forest Service	Forest Stewardship	\$113,926	\$114,371	\$0	0.88	0.58	0.00
39	<a href="#">6535</a>	Department of Agriculture, Forest Service	Chesapeake Bay Watershed	\$27,000	\$11,336	\$15,664	0.00	0.13	0.00
40	<a href="#">6523</a>	Fire Prevention Commission, State Fire School	Firefighters Assistance Grant	\$401,333	\$41,458	\$0	0.00	0.00	0.00
41	<a href="#">6502</a>	First State Military Academy	Rural Education Achievement Grant	\$28,726	\$0	\$0	0.00	0.00	0.00

**Higher Education**

1	6418	Delaware Technical Community College	Delaware INBRE	\$282,750	\$0	\$0
2	2024-10-05-01	University of Delaware	Paternal Control of the Oocyte-to-Embryo Transition in C. Elegans	\$0	\$0	\$417,585
3	2024-10-05-02	University of Delaware	Automated Hypothesis Generation Visualization and Usability	\$0	\$0	\$97,000
4	2024-10-05-03	University of Delaware	PARTNERSHIP: Expanding Capabilities of AI-Driven Robotic Inventory Management and Quality Evaluation of Ornamental Nursery Crops	\$0	\$0	\$126,002
5	2024-10-05-04	University of Delaware	Blueberry Yield Forecasting Through an AI-Driven Smartphone App	\$0	\$0	\$101,161
6	2024-10-05-05	University of Delaware	The Interface of Surface Chemistry and Casimir Physics: A Computational Approach	\$0	\$0	\$110,000
7	2024-10-05-06	University of Delaware	Novel Neural Activity Imaging Platform to Discern Sex Hormone Control of Sexually Dimorphic Pain Processing	\$0	\$0	\$300,000
8	2024-10-05-07	University of Delaware	Efficacy of Technology Transfer Offices: A Work History Approach	\$0	\$0	\$5,000
9	2024-10-05-08	University of Delaware	Feedback Activated: Developing and Testing Active Components to Animated Feedback Within a Mathematics Learning Technology	\$548,871	\$0	\$0
10	2024-10-05-09	University of Delaware	Collaborative Research: DESC: Type II: Secure Chiplet-Based Computing Platform Through Energy Efficient Design and Sustainable 3D Printed Packaging	\$602,468	\$0	\$0
11	2024-10-05-10	University of Delaware	University of Delaware Renewable Resources Extension Act FY25	\$46,449	\$0	\$0
12	2024-10-05-11	University of Delaware	University of Delaware Expanded Food and Nutrition Education Program (EFNEP) FY2025	\$315,638	\$0	\$0
13	2024-10-05-12	University of Delaware	MotherSHIP (Mothers' Support and Health in Pregnancy & Parenting) Year 3	\$0	\$0	\$186,100
14	2024-10-05-13	University of Delaware	Post-Expedition Activity 403 Eastern Fram Strait Paleo-Archive	\$0	\$0	\$12,500
15	2024-10-05-14	University of Delaware	Icosahedral Virus Capsids in Biology and Biotechnology	\$0	\$0	\$75,000
16	2024-10-05-15	University of Delaware	Quantifying the Nitrogen Value and Yield Benefits of Manure to Improve Sustainable Cropping in the Northeast	\$265,959	\$0	\$0
17	2024-10-05-16	University of Delaware	Improving Regulatory Skills in Preterm Infants: A Novel Test of the Attachment and Bio Behavioral Catch-Up Intervention	\$0	\$0	\$59,828
18	2024-10-05-17	University of Delaware	RSA Acquisition of Goods and Services Amendment 1	\$31,818	\$0	\$0
19	2024-10-05-18	University of Delaware	Combinatorially Structured Diffusions	\$169,377	\$0	\$0
20	2024-10-05-19	University of Delaware	Partnership: Challenging the Poultry Litter Management Paradigm - Mitigating Emissions and Improving Bird Health	\$0	\$0	\$105,005
21	2024-10-05-20	University of Delaware	Newcastle Vaccine Evaluation Against a Virulent Newcastle Disease Virus (GB Texas Strain) Challenge in 9-Week-Old SPF Chickens	\$0	\$0	\$22,176
22	2024-10-05-21	University of Delaware	NIFA USDA Hatch Multistate FY25	\$548,226	\$0	\$0
23	2024-10-05-22	University of Delaware	Taming the Differences: Exploring Paradigm Shifts in the Construction of Difference Sets	\$132,011	\$0	\$0
24	2024-10-05-23	University of Delaware	Feasibility Study of Q-Switched 355 Nm UV Laser for Enhanced Sanitation of Food and Contact Surfaces	\$0	\$0	\$70,004
25	2024-10-05-24	University of Delaware	NIFA Hatch Regular Farkas 25	\$1,189,663	\$0	\$0

26	2024-10-05-25	University of Delaware	Perturbation Theory and Generalizations of Aleksandrov-Clark Theory	\$166,783	\$0	\$0
27	2024-10-05-26	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	\$757,745
28	2024-10-05-27	University of Delaware	Assessing Methylmercury Exposure of Global Subsistence Fishing Populations	\$0	\$0	\$10,000
29	2024-10-05-28	University of Delaware	PARTNERSHIP: Accessible and Scalable Glare Correction Methods for Hyper- and Multi-Spectral Imaging Using Polarized Light	\$0	\$0	\$126,006
30	2024-10-05-29	University of Delaware	DMS/NIGMS 1: New Statistical Methods for Understanding Cellular Heterogeneity in Single Cell Genomics and Multiomics Data	\$412,806	\$0	\$0
31	2024-10-05-30	University of Delaware	Silicon Photonics	\$0	\$0	\$311,967
32	2024-10-05-31	University of Delaware	Evaluation of Feed Additives to Improve Innate Immune Response Against Infection with a Low-Path Strain of Avian Influenza Virus	\$0	\$0	\$28,932
33	2024-10-05-32	University of Delaware	Animal Health and Disease Research Program FY25	\$19,350	\$0	\$0
34	2024-10-05-33	University of Delaware	Partnership: Processing-Induced Changes of Microbial Accessible Carbohydrates in Meat Analogs: Gut Microbiota & Antimicrobial Resistance Gene	\$664,960	\$0	\$0
35	2024-10-05-34	University of Delaware	LEAP-HI: Efficient and Equitable Dynamic Management of Material Convergence	\$0	\$0	\$97,339
36	2024-10-05-35	University of Delaware	Acquisition of Goods and Services	\$63,636	\$0	\$0
37	2024-10-05-36	University of Delaware	New Perspectives Professional Development Program	\$35,290	\$0	\$0
38	2024-10-05-37	University of Delaware	DASH Diet Intervention for Systemic Hypertension in Adolescents (DISH)	\$0	\$0	\$306,996
39	2024-10-05-38	University of Delaware	PARTNERSHIP: Automated Sweet Potato Transplanting Enabled by Artificial Intelligence and Robotics	\$0	\$0	\$126,006
40	2024-10-05-39	University of Delaware	Dry Heat Treatment for Raw Almond Decontamination: An Effective, Environmentally Friendly, Cost-Efficient, and Water-Saving Approach	\$385,153	\$0	\$0
41	2024-10-05-40	University of Delaware	Identifying Neural Markers of Communication Disfluency in Content Creators	\$0	\$0	\$65,386
42	2024-10-05-41	University of Delaware	NOAA NWS National Mesonet Program 2021	\$0	\$0	\$73,542
43	2024-10-05-42	University of Delaware	Building a Clinical Evidence Generation Toolbox for Federated Real-World Data Analysis	\$0	\$0	\$407,036
44	2024-10-05-43	University of Delaware	Novel Computational Methods for Identifying Drug Repurposing Signals for AD/ADRD With Noisy Real-World Data	\$0	\$0	\$320,391
45	2024-10-05-44	University of Delaware	Exploring the Roles of Social and Cultural Capital in STEM Persistence Using a Social Network Analysis	\$0	\$0	\$209,260
46	2024-10-05-45	University of Delaware	English for Global Citizenship	\$0	\$0	\$53,037
47	2024-10-05-46	University of Delaware	A Novel Application of Phytochemicals to Enhance Antibiotic Efficacy	\$138,793	\$0	\$0
48	2024-10-05-47	University of Delaware	Doing the Work: An Exploration of BIPOC Pre-Service Counselors Multicultural and Social Justice Training and Preparation for the Field	\$0	\$0	\$19,000
49	2024-10-05-48	University of Delaware	Interplays Between Geological, Hydrothermal, Biogeochemical, and Ecological Processes on the Mid Cayman Rise	\$0	\$0	\$114,975
50	2024-10-05-49	University of Delaware	Collaborative Research: PDaSP: Track 2: Hardware-Assisted Privacy-Preserving Data Sharing and Analytics in Connected and Autonomous Vehicles	\$486,869	\$0	\$0

51	2024-10-05-50	University of Delaware	Leveraging Multimodal Learning Analytics to Understand Students' Active and Self-Regulated Biology Learning: Aligning Students' Voices in Texts and Talks to Digital Traces	\$0	\$0	\$182,584
52	2024-10-05-51	University of Delaware	Advanced Materials and Additive Manufacturing of Printed Electronics for Harsh Environment	\$0	\$0	\$92,426
53	2024-10-05-52	University of Delaware	Metal Catalyzed Methods for Preparing Organoboron and Organosilicon Compound	\$623,472	\$0	\$0
54	2024-10-05-53	University of Delaware	Cornerstone West CDC 1 PADE 24/25 Partner Organization	\$0	\$0	\$20,500
55	2024-10-05-54	University of Delaware	Black Mothers in Power PADE 24/25 Partner Organization	\$0	\$0	\$15,500
56	2024-10-05-55	University of Delaware	First State Squash Inc PADE 24/25 Partner Organization	\$0	\$0	\$21,500
57	2024-10-05-56	University of Delaware	Cornerstone West CDC 2 PADE 24/25 Partner Organization	\$0	\$0	\$20,500
58	2024-10-05-57	University of Delaware	Field-Scale Testing of Weed Identification and Mapping Tools for Accelerating Integrated Weed Management Adoption	\$25,000	\$0	\$0
59	2024-10-05-58	University of Delaware	Collaborative Research: Impact of the Nano-Environment on Electronic Coupling in Interfacial Electron Transfer	\$251,559	\$0	\$0
60	2024-10-05-59	University of Delaware	Natal Colony Dispersal of Purple Martins	\$0	\$0	\$195,332
61	2024-10-05-60	University of Delaware	Comparing the Distribution and Impact of Green Infrastructure Between Lower and Higher Socioeconomic Status Communities in Wilmington, DE	\$0	\$0	\$22,001
62	2024-10-05-61	University of Delaware	Delaware Black Chamber of Commerce PADE 24/25 Partner Organization	\$0	\$0	\$18,500
63	2024-10-05-62	University of Delaware	Delaware State University PADE 24/25 Partner Organization	\$0	\$0	\$24,000
64	2024-10-05-63	University of Delaware	Delaware IT Industry Council LLC PADE 24/25 Partner Organization	\$0	\$0	\$18,500
65	2024-10-05-64	University of Delaware	National Early Care and Education Workforce Center	\$0	\$0	\$202,312
66	2024-10-05-65	University of Delaware	Grant Related to NOAA IJJA 2022 NA23NOS0120051-1	\$499,960	\$0	\$0
67	2024-10-05-66	University of Delaware	The Applications of M-H H Transfer Reactions to Synthesis	\$0	\$0	\$457,645
68	2024-10-05-67	University of Delaware	Friendship House Inc 1 PADE 24/25 Partner Organization	\$0	\$0	\$20,500
69	2024-10-05-68	University of Delaware	Friendship House Inc 2 PADE 24/25 Partner Organization	\$0	\$0	\$20,500
70	2024-10-05-69	University of Delaware	Network Delaware Inc PADE 24/25 Partner Organization	\$0	\$0	\$15,500
71	2024-10-05-70	University of Delaware	Jefferson Street Center PADE 24/25 Partner Organization	\$0	\$0	\$17,000
72	2024-10-05-71	University of Delaware	Delaware Futures Inc PADE 24/25 Partner Organization	\$0	\$0	\$18,500
73	2024-10-05-72	University of Delaware	One Village Alliance PADE 24/25 Partner Organization	\$0	\$0	\$20,500
74	2024-10-05-73	University of Delaware	Transforming Access to Quality STEM Education for Black and Latinx Students by Challenging Resegregation in Special Education: A QuantCrit Analysis	\$0	\$0	\$762,648
75	2024-10-05-74	University of Delaware	Engineering Lumen Fusion of Kidney Epithelia	\$0	\$0	\$375,000

76	2024-10-05-75	University of Delaware	Measuring Total Alkalinity (TA) During ECOA-4 to Support NOAA-OAP Efforts	\$0	\$0	\$108,076
77	2024-10-05-76	University of Delaware	CMMI/AM-EPSRC: Void Formation and Transport During Manufacturing of Polymer Matrix Fiber Composites and Their Effect on Mechanical Performance	\$255,353	\$0	\$0
78	2024-10-05-77	University of Delaware	Stratifying Success: How Microbes and Crops Partner for Productivity	\$0	\$0	\$207,797
79	2024-10-05-78	University of Delaware	Impairment-Based Low Back Pain Subgrouping to Develop Personalized Care Pathways	\$2,499,938	\$0	\$0
80	2024-10-05-79	University of Delaware	Enantioselective, Metal-Catalyzed Alkynylations of Oxocarbenium & Iminium Ions	\$463,017		\$0
81	2024-10-05-80	University of Delaware	Mid-Atlantic MBON: Dynamic Biodiversity and Telemetry Data for a Changing Coast	\$1,655,591	\$0	\$0
82	2024-10-05-81	University of Delaware	Visceral Adipose and Endothelial Dysfunction: Dissecting the Roles of CD36 and Kir2.1 in Obesity	\$1,271,157	\$0	\$0
83	2024-10-05-82	University of Delaware	Weighted Student Funding, the Equitable Allocation of Resources, and Student Learning	\$0	\$0	\$65,685
84	2024-10-05-83	University of Delaware	Real World Gait Mechanics as a Potential Modifier of Telehealth Exercise in Knee Osteoarthritis: A Nationwide Internet-Recruited Intervention Study	\$2,723,923	\$0	\$0
85	2024-10-05-84	University of Delaware	Conservation Assessment and Scientific Analysis of Artworks by Pre-Raphaelite Artist Simeon Solomon	\$0	\$0	\$30,351
86	2024-10-12-01	Delaware State University	Increase Globally Trained Minorities in Forestry	\$10,000	\$0	\$0
87	2024-10-12-02	Delaware State University	Investigation of Novel Alternative Proteins for Salmonid Feeds: An ARS-1890 FRSP Collaboration	\$65,634	\$0	\$0
88	2024-10-12-03	Delaware State University	Leveraging Cooperative Extension to Build an Enduring Capacity for Equitable and Inclusive Rural Resilience Across the Delmarva Region	\$159,526	\$0	\$0
89	2024-10-12-04	Delaware State University	Scent-Ercropping: Using Data Science and Phytochemistry to Predict Intercropping Species for Pest Management	\$376,995	\$0	\$0
90	2024-10-12-05	Delaware State University	Inspiring Undergraduate Student Training in Alzheimer's Research	\$198,301	\$0	\$0
91	2024-10-12-06	Delaware State University	Omics Approach to Understand Sugar Maple Responses to Drought Stress (McIntire Stennis)	\$65,231	\$0	\$0
92	2024-10-12-07	Delaware State University	Delaware State University and U.S. Water Alliance National EFC Collaboration	\$813,217	\$0	\$0
93	2024-10-12-08	Delaware State University	Research Instrumentation: Development of high-performance atomic vapor quantum sensor prototypes at DoD CoE for Advanced Quantum Sensing	\$210,096	\$0	\$0
94	2024-10-12-09	Delaware State University	Development of High-Performance Atomic Vapor Quantum Sensor Prototypes as DOD COE for Advanced Quantum Sensing	\$789,904	\$0	\$0
95	2024-10-12-10	Delaware State University	2025 Expanded Food and Nutrition Education Program (EFNEP)	\$105,052	\$0	\$0
96	2024-10-12-11	Delaware State University	RII Track-4: Transition Metal Nanoparticles Confinement Within Heteroatom Doped Porous Carbon Monoliths for Oxygen Reduction Reactions	\$300,000	\$0	\$0
97	2024-10-12-12	Delaware State University	Immobilization of TeO4 Using Zero Valent Iron Nanoparticle-Metal Organic Framework Composites	\$400,000	\$0	\$0
98	2024-10-12-13	Delaware State University	Ferroelectric Properties of Rare Earth Element Doped HfO2	\$199,873	\$0	\$0

**Delaware State Clearinghouse Committee  
Revised November Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
November 19, 2024 @ 10:00am

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
<b>New Business*</b>									
1	<a href="#">6588</a>	Office of Management and Budget, Government Support Services, Food Distribution	Commodity Supplemental Food Program Emergency Funding	\$63,301	\$0	\$0	0.00	0.00	0.00
2	<a href="#">6563</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program (SNAP) Earnings Verification and Support	\$127,538	\$0	\$0	0.00	0.00	0.00
3	<a href="#">6551</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Assistance for Adoption Building Energy Codes - IRA	\$20,007,890	\$0	\$0	0.00	0.00	0.00
4	<a href="#">6575</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Owens Station Hunter Education Training Center	\$457,115	\$152,371	\$0	0.02	0.02	0.00
5	<a href="#">6572</a>	Department of Labor, Employment and Training Administration	CARES Act Administration Funding	\$2,810,000	\$0	\$0	1.55	0.00	0.00
6	<a href="#">6577</a>	Department of Agriculture, Forest Service	Invasive Species Research and Management - IJJA	\$32,143	\$0	\$0	0.00	0.00	0.00
7	<a href="#">5716 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Lums Pond Cabins	\$1,975,000	\$1,975,000	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">6524</a>	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Assistance Grant (VOCA)	\$4,499,806	\$0	\$1,068,704	2.60	0.00	0.00
2	<a href="#">6573</a>	Legal, Department of Justice	High Intensity Drug Trafficking Areas Program	\$96,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">6574</a>	Legal, Department of Justice	Internet Crimes Against Children	\$342,764	\$0	\$0	2.00	0.00	0.00
4	<a href="#">6353</a>	Department of Health and Social Services, Visually Impaired Services	Vocational Rehabilitation- Blind (Basic Support)	\$1,650,247	\$456,500	\$0	10.00	2.38	0.00
5	<a href="#">6357</a>	Department of Health and Social Services, Visually Impaired Services	Independent Living Services for Older Individuals Who Are Blind	\$225,000	\$266,487	\$0	1.75	3.00	0.00
6	<a href="#">6494</a>	Department of Health and Social Services, State Service Centers	Access and Visitation Program	\$100,000	\$11,111	\$0	0.00	0.00	0.00
7	<a href="#">6512</a>	Department of Health and Social Services, Public Health, Community Health	Tuberculosis Elimination and Laboratory Cooperative	\$366,632	\$0	\$0	1.00	0.00	0.00
8	<a href="#">6538</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Senior Community Service Employment Program	\$1,651,743	\$183,262	\$0	0.75	0.25	0.00
9	<a href="#">6544</a>	Department of Health and Social Services, Social Services, State Service Centers	AmeriCorps State Formula Funds	\$212,382	\$0	\$0	0.00	0.00	0.00
10	<a href="#">6545</a>	Department of Health and Social Services, Social Services, State Service Centers	AmeriCorps State Formula Fixed Amount	\$1,020,519	\$0	\$0	0.00	0.00	0.00
11	<a href="#">6546</a>	Department of Health and Social Services, Social Services, State Service Centers	AmeriCorps State Competitive	\$190,353	\$0	\$0	0.00	0.00	0.00
12	<a href="#">6499</a>	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer - Benefits	\$9,720,000	\$0	\$0	0.00	0.00	0.00
13	<a href="#">6433</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Environmental Review and Technical Assistance	\$455,000	\$245,000	\$0	0.01	0.16	0.00
14	<a href="#">6463</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Pollinator Species of Greatest Conservation Need Inventory and Conservation	\$312,650	\$168,350	\$0	0.00	0.09	0.00
15	<a href="#">6464</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	National and Regional Conservation Coordination	\$140,777	\$75,803	\$0	0.02	0.08	0.00

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

16	<a href="#">6581</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delmarva Fox Squirrel Conservation Plan Implementation	\$545,160	\$181,720	\$0	1.17	0.10	0.00
17	<a href="#">6556</a>	Department of Labor, Industrial Affairs, Anti-Discrimination	Equal Employment Opportunity Commission	\$373,500	\$0	\$0	3.00	0.00	0.00
18	<a href="#">6137 Amendment</a>	Department of Labor, Employment and Training, Employment and Training Services	State Apprenticeship Expansion	\$422,543	\$0	\$0	0.20	0.00	0.00
19	<a href="#">6571</a>	Fire Prevention Commission, State Fire School	National Fire Academy Training Grant	\$20,000	\$60	\$0	0.00	0.00	0.00
20	<a href="#">6584</a>	Department of Education, Student Support	Child Nutrition Program Technology Innovation	\$746,268	\$0	\$0	0.00	0.00	0.00
21	<a href="#">6587</a>	Department of Education, Early Childhood Support	Head Start Collaboration Grant	\$125,000	\$31,518	\$0	0.75	0.30	0.00
22	<a href="#">6552</a>	Colonial School District	Return to Learn Grant	\$696,222	\$0	\$0	1.00	0.00	0.00

**Higher Education**

1	2024-11-02-01	University of Delaware	Mobilizing a Great Lakes Microplastic Action Network	\$0	\$0	\$34,784			
2	2024-11-02-02	University of Delaware	Spintronics with Entangled and Strongly Correlated Magnetic Quantum Matter	\$349,195	\$0	\$0			
3	2024-11-02-03	University of Delaware	Collaborative Research: RI: Small: Graph Encoder Transformer	\$208,335	\$0	\$0			
4	2024-11-02-04	University of Delaware	Transcriptional Regulation of Lens Physiology	\$1,776,665	\$0	\$0			
5	2024-11-02-05	University of Delaware	Enhancing HIV Treatment Through Biomimetic Delivery of bNAb and LRA Combination Therapy to Lymph Node Reservoirs	\$275,001	\$0	\$0			
6	2024-11-02-06	University of Delaware	Adaptation of Propulsion on a User-Driven Split-Belt Treadmill	\$0	\$0	\$69,548			
7	2024-11-02-07	University of Delaware	Collaborative Research: SCH: A Multi-Level Control Architecture of Agile Robotic Prostheses for Real-World Mobility Over Challenging and Uneven Terrains	\$262,927	\$0	\$0			
8	2024-11-02-08	University of Delaware	Adaptive Computation Offloading for Latency-Sensitive Generative AI in Edge Environments	\$0	\$0	\$64,817			
9	2024-11-02-09	University of Delaware	Re-Defining the Role of Hsp90 in Maintaining Cell Survival	\$1,375,000	\$0	\$0			
10	2024-11-02-10	University of Delaware	Discovery of Chemical Probes and Therapeutic Leads, Phase III	\$3,749,999	\$0	\$0			
11	2024-11-02-11	University of Delaware	Synthetic Tissue Protective Compounds with Enhanced Retention for Preserving Proteoglycan Function	\$573,208	\$0	\$0			
12	2024-11-02-12	University of Delaware	Delaware APEX FY26 BOWMAN	\$403,763	\$94,649	\$0			
13	2024-11-02-13	University of Delaware	Cell-Mimetic Chemotherapeutic Delivery to the Lymph Node	\$275,000	\$0	\$0			
14	2024-11-02-14	University of Delaware	Collaborative Research: The Greater Philadelphia Math Teacher Corps Alliance	\$1,086,438	\$0	\$0			
15	2024-11-02-15	University of Delaware	A Focused Investigatory Center for Multi-Physics Exascale Code Verification	\$0	\$0	\$1,282,469			
16	2024-11-02-16	University of Delaware	Mechanisms of Brain Mechanics Across Development in a Rat Model of FASD	\$2,388,507	\$0	\$0			
17	2024-11-02-17	University of Delaware	Establishing the Science Behind Alzheimer's Recruitment Registries: Opportunities for Increasing Diversity and Accelerating Enrollment into Trials	\$0	\$0	\$1,733,210			
18	2024-11-02-18	University of Delaware	PDaSP: Track 3: Bridging the Gap Between Trustworthy Computing and Practice	\$1,234,762	\$0	\$0			
19	2024-11-02-19	University of Delaware	Unraveling the Role of Cardiac Hsp90 in Heart Failure with Preserved Ejection Fraction (HFpEF)	\$1,829,999	\$0	\$0			
20	2024-11-02-20	University of Delaware	Injury that Accelerates Aging: Long-term Balance Decline from Mild Traumatic Brain Injury	\$2,932,116	\$0	\$0			



21	2024-11-02-21	University of Delaware	Evolution and Genomics of Pathogen Host Specificity and Host-Switching	\$1,375,000	\$0	\$0
22	2024-11-02-22	University of Delaware	AI-Informed Image-Based Digital Twins for Bone Healing Diagnostics	\$0	\$0	\$396,351
23	2024-11-02-23	University of Delaware	Partnership: Postharvest Processing of Leafy Greens by Novel Washing Systems with Plasma and Nanobubble-Based Sanitizers	\$708,374	\$0	\$0
24	2024-11-02-24	University of Delaware	Using EPIS in the Iterative Development of Outreach Materials and Support Group Curricula for Families of Children with DLD	\$275,000	\$0	\$0
25	2024-11-02-25	University of Delaware	Protection of Articular Cartilage Degradation Using Thermally Responsive Synthetic Proteoglycan Replacements	\$0	\$0	\$23,814
26	2024-11-02-26	University of Delaware	Rewilding Microbiomes Using Historic Soils (Hs) to Enhance Nutrient Acquisition and Agricultural Productivity	\$762,947	\$0	\$0
27	2024-11-02-27	University of Delaware	Positive Maps in Lobachevsky Space and Finite Fields	\$0	\$0	\$50,111
28	2024-11-02-28	University of Delaware	CBET-EPSC: Polymer Electrolytes for Rechargeable Chloride Ion Batteries	\$281,250	\$0	\$0
29	2024-11-02-29	University of Delaware	Verifiable Secure Hardware Design Via Game-Theoretic and Cryptographic Primitives	\$765,504	\$0	\$0
30	2024-11-02-30	University of Delaware	Discovering Kinases of Human Phosphosites Using Protein Embeddings and Kinase-Specific Motifs	\$0	\$0	\$1,000
31	2024-11-02-31	University of Delaware	Collaborative Research: Investigating the Importance of Biomimicry and Customization in Ankle-Foot Orthosis Stiffness for Restoring Gait Mechanics	\$134,196	\$0	\$0
32	2024-11-02-32	University of Delaware	Sea Ice Drift: Improving Accuracy of Satellite Products	\$0	\$0	\$196,472
33	2024-11-02-33	University of Delaware	Elucidating Microenvironmental Factors that Drive Breast Cancer Dormancy and Reactivation and Evaluating a New Treatment to Eliminate Dormant Tumor Cells	\$750,002	\$0	\$0
34	2024-11-02-34	University of Delaware	The Ocular Lens Capsule Regulates Tissue Biomechanical Properties	\$0	\$0	\$2,500
35	2024-11-02-35	University of Delaware	Role of $\alpha 5\beta 1$ Integrin in the Pathogenesis of Fibrotic Posterior Capsular Opacification	\$0	\$0	\$2,542
36	2024-11-02-36	University of Delaware	Exploring the Roles of Elementary Teachers' Mathematics Emotions and Beliefs in Their Response to Mathematics Professional Learning	\$1,619,901	\$0	\$0
37	2024-11-02-37	University of Delaware	Determining the Mechanisms of a 14-3-3 Targeting Legionella Pneumophila Effector Protein During Late Infection	\$0	\$0	\$973
38	2024-11-02-38	University of Delaware	Enhancing Climate Services and Equity Outcomes in States	\$0	\$0	\$259,754
39	2024-11-02-39	University of Delaware	Impacts of Habitat Restoration Practices, Climate Variation, and Severe Storms on Gulf Coast Stopover Habitats for Migratory Birds	\$0	\$0	\$29,802
40	2024-11-02-40	University of Delaware	Evolution of the Turbulent Solar Wind Across the Terrestrial Bow Shock	\$383,366	\$0	\$0
41	2024-11-02-41	University of Delaware	Collaborative Research: Understanding the Role of Turbulence and Diffusion in the Acceleration and Transport of Solar Energetic Particles	\$211,404	\$0	\$0
42	2024-11-02-42	University of Delaware	Nitro Biosciences - Applying an Expanded Genetic Code Toward Development of a Vaccine for Staphylococcus Aureus	\$0	\$0	\$41,072
43	2024-11-02-43	University of Delaware	Fraction Learning Starts Early: Building a Strong Foundation in First and Second Grades	\$1,717,540	\$0	\$0
44	2024-11-02-44	University of Delaware	Take the MotherSHIPP Home	\$0	\$0	\$50,000
45	2024-11-02-45	University of Delaware	Building a Model of the Molecular Interactions of Fertilization	\$1,250,000	\$0	\$0
46	2024-11-02-46	University of Delaware	Environmental Drivers of Plankton Structure in the Industrializing Mid-Atlantic	\$0	\$0	\$294,043
47	2024-11-02-47	University of Delaware	Mental Health Association in Delaware 1 PADE 24/25 Partner Organization	\$0	\$0	\$16,500
48	2024-11-02-48	University of Delaware	Mental Health Association in Delaware 2 PADE 24/25 Partner Organization	\$0	\$0	\$16,500
49	2024-11-02-49	University of Delaware	University of Delaware NSF EPSCoR Graduate Fellowship Program	\$2,385,000	\$0	\$0

50	2024-11-02-50	University of Delaware	Partnership: Turbocharge Center Pivots with Robotic Proximal Sensing and AI for Precision Crop and Water Management in the Mid-Atlantic	\$618,788	\$0	\$0
51	2024-11-02-51	University of Delaware	Connecting Process Conditions to CHO Antibody Glycosylation	\$0	\$0	\$123,467
52	2024-11-02-52	University of Delaware	HOPES: Health Outreach and Palliative Support in COPD	\$0	\$0	\$111,568
53	2024-11-02-53	University of Delaware	Partnership: Consumer Acceptance of Gene Editing: Evolving Regulations and Opportunities for US Food Products in International Markets	\$699,428	\$0	\$0
54	2024-11-02-54	University of Delaware	Inertial-Range Energy Transfer Free from Restrictive Assumptions in Turbulent Space Plasma	\$394,131	\$0	\$0
55	2024-11-02-55	University of Delaware	Exergaming with and Without Stochastic Resonance Electrical Stimulation to Promote Lasting Changes in Somatosensation and Balance in Children with CP	\$100,000	\$0	\$0
56	2024-11-02-56	University of Delaware	Accelerated Lima Bean Breeding for Climate Resiliency Using AI-Driven High-Throughput Phenotyping	\$444,333	\$0	\$0
57	2024-11-02-57	University of Delaware	Enhancing Maize Resilience to Waterlogging: Germplasm Screening, Genetic Dissection, and High-Throughput Phenotyping for Climate Adaptation	\$210,010	\$0	\$0
58	2024-11-02-58	University of Delaware	SMARTER Center Budget: Collaborative Key Bridge Collapse	\$0	\$0	\$37,497
59	2024-11-02-59	University of Delaware	Legionella-Driven Manipulation of Host Cell Proteostasis	\$1,250,000	\$0	\$0
60	2024-11-02-60	University of Delaware	Loneliness and Dyadic Health in Later Life: A Harmonized Cross-National Study	\$0	\$0	\$125,000
61	2024-11-02-61	University of Delaware	Parkinson's Disease Telehealth Clinic 2025	\$0	\$0	\$25,000
62	2024-11-02-62	University of Delaware	Modulating Heterogeneities in Cell Therapies for Tissue Repair Via the Expression of Cell Adhesion Receptors	\$1,375,000	\$0	\$0
63	2024-11-02-63	University of Delaware	Bioengineering Stratified Cartilage Through Bioinspired Matrix Stiffening	\$0	\$0	\$223,000
64	2024-11-02-64	University of Delaware	Planning: SHARE: Sustainability Hub for a Regenerative (Circular) Economy Planning Grant	\$62,030	\$0	\$0
65	2024-11-02-65	University of Delaware	Birth Mode and the Perinatal Sensitive Period in Brain Development	\$275,000	\$0	\$0
66	2024-11-02-66	University of Delaware	Exchange Program: Teaching Media and Information Literacy in the English Language Classroom	\$0	\$0	\$96,703
67	2024-11-02-67	University of Delaware	Probing Spatiotemporal Mechanobiology Through Novel Dynamic Material Platforms	\$1,375,000	\$0	\$0
68	2024-11-02-68	University of Delaware	Development and Expansion of Disease Management Decision-Making Tools Across Multiple Soybean Regions - Year 3	\$0	\$0	\$15,000
69	2024-11-02-69	University of Delaware	Cavernicolide: A Novel Marine Macrolide Non-Small Cell Lung Cancer Cell Growth Inhibitor	\$0	\$0	\$270,000
70	2024-11-02-70	University of Delaware	Collaborative Research: SHF: Medium: ART: Architecting Accelerator Customization of Real-Time Embedded Systems for Autonomous Vehicles	\$262,441	\$0	\$0
71	2024-11-02-71	University of Delaware	Maximizing Agrivoltaic Return on Investment: Upgrading Solagra's Dynamic Shifting and Solar Tracking with Improved Manufacturability, Installation, Operation, Electrical Power and Crop Production	\$0	\$0	\$312,503
72	2024-11-02-72	University of Delaware	Partnership: Novel Autonomous Precision Drip Fertigation System for Managing Water/Nutrient in Leafy Green Hydroponics: Improve Sustainability and Safety	\$587,025	\$0	\$0
73	2024-11-02-73	University of Delaware	Low-Cost Stamped Composite Structures for Group 5 Unmanned Aerial Systems (UAS)	\$0	\$0	\$19,376
74	2024-11-02-74	University of Delaware	Development of Co-Cultures for Benchtop Scale Beta-Carotene Production in Microgravity	\$0	\$0	\$60,438
75	2024-11-02-75	University of Delaware	Computational Polariton Chemistry Beyond the Single-Mode Approximation	\$298,928	\$0	\$0
76	2024-11-02-76	University of Delaware	Composites Manufacturing for Thermoplastic Film Evaluation	\$0	\$0	\$10,437
77	2024-11-02-77	University of Delaware	Lightweight and High-Performance Drone Frames Via 3D Filament Winding for Rapid Manufacturing and Deployment	\$0	\$0	\$21,875

78	2024-11-02-78	University of Delaware	Using Wearable Artificial Intelligence to Strengthen Ambulatory Assessments of Daily Stress Experiences in Naturalistic Environments	\$446,758	\$0	\$0
79	2024-11-02-79	University of Delaware	Delaware Clinical & Translational Research ACCEL Program	\$200,000	\$0	\$0
80	2024-11-02-80	University of Delaware	Building Better Communities Impact Study-New Castle County Delaware	\$0	\$0	\$57,070
81	2024-11-02-81	University of Delaware	NSF-BSF: Defining Fungal Defense: Utilizing Biological Control Agents to Identify Genetic Components of Defense in Plant Pathogens	\$422,235	\$0	\$0
82	2024-11-02-82	University of Delaware	Neurobiological Markers of Language and Literacy in School-Age Monolingual and Spanish-English Bilingual Children with and Without DLD	\$0	\$0	\$1,182,777
83	2024-11-02-83	University of Delaware	AI-Driven Diagnosis and Prognosis of Breast Cancer Bone Metastasis	\$205,815	\$0	\$0
84	2024-11-02-84	University of Delaware	Center of Biomedical Research Excellence in Cardiovascular Health - Supplement	\$199,967	\$0	\$0
85	2024-11-02-85	University of Delaware	Discovery of Chemical Probes and Therapeutic Leads, Admin Supplement for Women's Health	\$200,000	\$0	\$0
86	2024-11-02-86	University of Delaware	Testing an Intervention for Faculty Mentors of Biomedical PhD Students	\$2,088,621	\$0	\$0
87	2024-11-02-87	University of Delaware	Conservation Workshops: Repairing and Caring for Personal Treasures	\$0	\$0	\$4,500
88	2024-11-02-88	University of Delaware	University of Delaware Leadership in Civic Engagement	\$0	\$0	\$206,892
89	2024-11-02-89	University of Delaware	Chemotherapeutic Drug Carriers to Treat Metastatic Cancer	\$0	\$0	\$270,000
90	2024-11-02-90	University of Delaware	Six1 Role on Cell Fate Decisions Within the Mouse Mandibular Arch at Single-Cell Resolution	\$200,000	\$0	\$0
91	2024-11-02-91	University of Delaware	Delaware INBRE	\$199,790	\$0	\$0
92	2024-11-02-92	University of Delaware	Modelling Bioreactor Performance from CHO Cell Clone Data	\$0	\$0	\$11,968
93	2024-11-02-93	University of Delaware	Improve the Blueberry Yield Prediction App and Extend its Availability for iOS Users	\$0	\$0	\$30,386
94	2024-11-02-94	University of Delaware	Understanding the Protein: Protein Interactions in Virus Assembly	\$0	\$0	\$698,848
95	2024-11-02-95	University of Delaware	Partnering to Disrupt Racism and Promote Healing in Upper Elementary Students	\$0	\$0	\$66,673
96	2024-11-02-96	University of Delaware	Live Bacterial Vaccine Development for Lung Cancer Treatment	\$0	\$0	\$55,944
97	2024-11-02-98	University of Delaware	An Examination of the Impact of NGSS-Aligned Curricula on Student Learning of Science	\$0	\$0	\$80,955
98	2024-11-02-99	University of Delaware	IRES: Greenhouse Gas Dynamics and Ecological Effects of Climate-Smart Practices in Constructed Aquatic Ecosystems	\$0	\$0	\$73,586
99	2024-11-03-01	University of Delaware	Smaller-State Grand Strategy: Azerbaijan, Estonia, and Kazakhstan	\$0	\$0	\$9,330
100	2024-11-03-02	University of Delaware	Collaborative Research: III: Medium: Change-Aware Learning for Evolving Graphs: Adaption, Unlearning, and Privacy Risks	\$263,063	\$0	\$0
101	2024-11-03-03	University of Delaware	Building on Success: Continued Funding of Successful Elements from Previous NADPRP Awards	\$297,093	\$0	\$0
102	2024-11-03-04	University of Delaware	Deep Learning-Based Contour Detection for Retinal Layer Segmentation and Sickle Cell Retinopathy Detection in OCT Images	\$0	\$0	\$48,762
103	2024-11-03-05	University of Delaware	Mapping Above Ground ETM Deposits	\$0	\$0	\$20,833
104	2024-11-03-06	University of Delaware	Probiotic Encapsulation and Delivery Using Modular Microgels to Promote Diabetic Wound Healing	\$2,908,217	\$0	\$0
105	2024-11-03-07	University of Delaware	HCC: Medium: Co-Adaptive Control Interfaces for Enhancing Mobility in Lower-Limb Prostheses on Real-World Terrains	\$764,724	\$0	\$0
106	2024-11-03-08	University of Delaware	Collaborative Research: RI: Medium: Robust, Adaptive Multimodal 3D Perception from Evidential Uncertainty	\$224,930	\$0	\$0

107	2024-11-03-09	University of Delaware	Deconstructing and Upcycling Post-Consumer Plastic Waste Via an Active-Learning-Guided, Scalable, and Economic Precision Electrothermal Process	\$0	\$0	\$782,143
108	2024-11-03-10	University of Delaware	STEM of Sustainability	\$72,254	\$0	\$0
109	2024-11-03-11	University of Delaware	Probing Environmental Macro-to-Molecular Drivers of Aggressive Breast Cancers for More Effective Therapeutic Strategies	\$3,022,980	\$0	\$0
110	2024-11-03-12	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	\$773,971
111	2024-11-03-13	University of Delaware	Reductions in Sedentary Behavior Needed to Enhance Health Outcomes for Knee Osteoarthritis	\$0	\$0	\$370,370
112	2024-11-03-14	University of Delaware	Are Spinal Muscle Impairments Predictors of Function in Adults with Limb Loss?	\$2,160,768	\$0	\$0
113	2024-11-03-15	University of Delaware	Anti-Obesity Medication Prescription Patterns and Outcomes Among Diverse Pediatric Populations	\$0	\$0	\$1,294,109
114	2024-11-03-16	University of Delaware	Localized Small Molecule Delivery to Improve Tendon-to-Bone Integration Following Anterior Cruciate Ligament Reconstruction	\$0	\$0	\$8,173
115	2024-11-03-17	University of Delaware	Mechanical Vulnerability of the Aging Brain	\$0	\$0	\$862,625
116	2024-11-03-18	University of Delaware	Digital Phenotyping of Early Development in Neurogenetic Conditions	\$0	\$0	\$125,000
117	2024-11-03-19	University of Delaware	Role of Organelle Dynamics and Retrograde Signaling During Plant Innate Immunity	\$0	\$0	\$725,157
118	2024-11-03-20	University of Delaware	Soil Factors Driving Uptake of Toxic Elements By Rice and Leafy Greens	\$0	\$0	\$91,774
119	2024-11-03-21	University of Delaware	Gulf Stream Frontal Eddies and Their Impacts on the Coastal Ocean: An Integrated Study with Satellite Sea Surface Height Measurements and a High-Resolution Regional Model	\$956,582	\$0	\$0
120	2024-11-03-22	University of Delaware	Coordination and Dissemination of Technical Assistance to Support Rural Communities, Region 3	\$0	\$0	\$69,500
121	2024-11-03-23	University of Delaware	Edge Intelligence for Internet of Things	\$81,621	\$0	\$0
122	2024-11-03-24	University of Delaware	Democracy in the Mind's Eye: Anti-democratic Orientations Beyond Partisanship	\$0	\$0	\$15,000
123	2024-11-03-25	University of Delaware	Neighborhood and Cognitive Function in Black Adults	\$2,790,298	\$0	\$0
124	2024-11-03-26	University of Delaware	Planting Timing Interactions with Nitrogen and Sulfur Availability	\$0	\$0	\$14,296
125	2024-11-03-27	University of Delaware	Partnerships for Climate-Smart Commodities: Building Markets and Investing in America's Climate-Smart Farmers, Ranchers & Forest Owners to Strengthen U.S. Rural and Agricultural Communities	\$232,371	\$0	\$0
126	2024-11-03-28	University of Delaware	Evaluation of Novel High performance Carbon Fibers	\$0	\$0	\$15,535
127	2024-11-03-29	University of Delaware	Sex Differences in Patient Reported Pain in Adults with Rheumatic Conditions - Proposed Preceptorship Experience for Evelyn Bruggeman in the Delaware ACTIVE Lab	\$0	\$0	\$1,000
128	2024-11-03-30	University of Delaware	Real Participants Versus Computer Participants - Development and Use of an Online Participant Screening Protocol: Proposed Preceptorship Experience for Julie Hubacek in the Delaware Active Lab	\$0	\$0	\$1,000
129	2024-11-03-31	University of Delaware	4-H Military Partnership	\$0	\$0	\$8,692
130	2024-11-03-32	University of Delaware	Energetic Materials Basic Research: Thrust 4. Structural Energetics	\$0	\$0	\$283,600
131	2024-11-09-01	Delaware State University	ExpandQISE: Track 1: Tuning Spin-Phonon Interactions of Spin Defects in 2D Hexagonal Boron Nitride (hBN) for Quantum Sensing Application	\$59,536	\$0	\$0
132	2024-11-09-02	Delaware State University	Building Capacity to Manage RISC: Investing in Research Integrity, Security, and Compliance at UMBC Through Practices, Processes, and Partnerships	\$584,000	\$0	\$0
133	2024-11-09-03	Delaware State University	Data Science Supplement to Phase III: Delaware Center for Neuroscience Research	\$564,623	\$0	\$0
134	2024-11-09-04	Delaware State University	Excellence in Research—Investigating the role of TRP-4 in Modulating Dopaminergic Synaptic Homeostasis in C. Elegans	\$686,422	\$0	\$0

135	2024-11-09-05	Delaware State University	FY 2025 RREA Project (Renewable Resources)	\$13,500	\$0	\$0
136	2024-11-09-06	Delaware State University	Urban Development and Housing Choices: Analyzing Housing Insecurity Among HBCU Students in Diverse Urban Contexts	\$111,799	\$0	\$0
137	2024-11-09-07	Delaware State University	Excellence in Research: Study of Lipid Packing in the Model Membrane Systems - Experimentation and Simulation	\$776,420	\$0	\$0
138	2024-11-09-08	Delaware State University	Women's Health Supplement to Phase III Delaware Center for Neuroscience Research	\$330,799	\$0	\$0
139	2024-11-09-09	Delaware State University	Single-Cell Function, Morphology, and Transcriptome Study of Lobule Selective Cerebellar Purkinje Cell Degeneration in Spinal Muscular Atrophy	\$547,498	\$0	\$0
140	2024-11-09-10	Delaware State University	DSU Functional, Morphological, and Transcriptional Lobule Heterogeneity of Purkinje Cells in Mice	\$1,129,990	\$0	\$0
141	2024-11-09-11	Delaware State University	Excellence in Research Using Biosensors in Environmental Pollution Monitoring and Control	\$1,033,439	\$0	\$0
142	2024-11-09-12	Delaware State University	FY25 Cooperative Extension	\$3,020,316	\$0	\$0
143	2024-11-09-13	Delaware State University	FY25 Agriculture Research (Evans Allen)	\$3,325,254	\$0	\$0

Revised 11/14/2024

**Delaware State Clearinghouse Committee  
Revised December Agenda**

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

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

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

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

**Higher Education**

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

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



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

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

12/11/2024