

**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><u>New Business*</u></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><u>Continued</u></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 Magnetolectric 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

**Topic: Delaware State Clearinghouse Committee Meeting**

Tuesday, September 24, 2024 10:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

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