

**Delaware State Clearinghouse Committee
November Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
November 21, 2023 @ 10:00am

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
New Business*									
1	6110	Department of Health and Social Services, Division of Services for Aging and Adults with Physical Disabilities	Adult Protective Services Formula Grants to States	\$106,818	\$0	\$0	0.00	0.00	0.00
2	2023-09-27-01	Department of Health and Social Services, Division of State Service Centers	Network of Practice	\$0	\$0	\$25,000	0.00	0.00	0.00
3	2023-08-30-01	Department of Services for Children, Youth and Their Families, Intervention/Treatment	Wendy's Wonderful Kids	\$0	\$0	\$502,500	0.00	0.00	0.00
4	6127	Department of Natural Resources and Environmental Control, Office of Environmental Control; Climate, Coastal, and Energy	Home Energy Rebates Efficiency - IRA	\$33,029,650	\$0	\$0	0.00	0.00	0.00
5	6128	Department of Natural Resources and Environmental Control, Office of Environmental Control; Climate, Coastal, and Energy	Home Energy Rebates Electrification - IRA	\$32,837,400	\$0	\$0	0.00	0.00	0.00
6	6129	Department of Natural Resources and Environmental Control, Office of Environmental Control, Climate, Coastal, and Energy	Energy Efficiency and Conservation Block - IJJA	\$1,615,060	\$0	\$0	0.00	0.00	0.00
7	6143	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Homeland Security Grant Program	\$4,847,500	\$0	\$0	3.75	0.00	0.00
8	6141	Department of Transportation, Project Teams	Railroad Crossing Elimination Grant	\$1,600,000	\$400,000	\$0	0.00	0.00	0.00
9	6137	Department of Labor, Employment and Training, Employment and Training Services	State Apprenticeship Expansion	\$337,102	\$0	\$0	0.20	0.00	0.00
Continued									
1	6131	Executive, Criminal Justice, Criminal Justice Council	Sexual Assault Services Program	\$784,390	\$0	\$0	0.20	0.00	0.00
2	6132	Executive, Criminal Justice, Criminal Justice Council	Services-Training-Officers-Prosecutors (STOP) Violence Against Women Act Formula Grant Program	\$1,016,500	\$154,741	\$63,710	2.33	0.82	0.00
3	6117	Legal, Department of Justice	Medicaid Fraud Control Unit	\$2,184,000	\$727,996	\$0	13.50	4.50	0.00
4	6142	Department of State, Human and Civil Rights	Fair Housing Assistance Program	\$269,006	\$0	\$0	1.00	0.00	0.00
5	5835	Department of Health and Social Services, Public Health, Community Health	First Responders - Comp Addiction & Recovery Act	\$800,000	\$0	\$0	1.25	0.00	0.00
6	6138	Department of Health and Social Services, Public Health, Community Health	Clinical Laboratory Improvement Amendments	\$62,637	\$55,062	\$0	0.48	0.52	0.00
7	6144	Department of Health and Social Services, Public Health, Community Health	Pediatric Mental Health Care Access Program	\$849,999	\$170,000	\$0	0.00	0.00	0.00
8	6145	Department of Health and Social Services, Public Health, Community Health	Public Health Crisis Response	\$5,000,000	\$0	\$0	0.00	0.00	0.00
9	6146	Department of Health and Social Services, Public Health, Community Health	Maternal and Child Health Services	\$2,073,458	\$12,675,836	\$0	13.25	44.60	0.00
10	6130	Department of Transportation, Planning	High Priority Innovative Tech Deployment Grant	\$1,319,798	\$0	\$0	0.00	0.00	0.00
11	6139	Department of Transportation, Planning	High Priority Commercial Motor Vehicle Grant	\$353,056	\$0	\$0	0.00	0.00	0.00
12	6133	Department of Labor, Employment and Training, Employment and Training Services	Disabled Veterans Outreach Program	\$601,288	\$0	\$0	6.00	0.00	0.00
13	6134	Department of Labor, Employment and Training, Employment and Training Services	Wagner-Peyser Act, Employment Services	\$2,041,275	\$0	\$0	19.90	0.00	0.00

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14	6136	Department of Labor, Employment and Training, Employment and Training Services	Foreign Labor Certification	\$81,657	\$0	\$0	1.25	0.00	0.00
15	6148	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Youth	\$2,959,957	\$0	\$0	4.05	0.00	0.00
16	6149	Department of Labor, Employment and Training, Employment and Training Services	Work Opportunity Tax Credit	\$80,968	\$0	\$0	0.75	0.00	0.00
17	5560 Amendment	Department of Agriculture, Agricultural Marketing Service	Local Food Purchase Assistance Cooperative Agreement - ARP	\$1,082,133	\$0	\$0	0.00	0.00	0.00
18	4772 Amendment	Delaware National Guard	Bethany Beach Transient Officer Quarters (MILCON)	\$2,831,000	\$750,000	\$0	0.00	0.00	0.00

Higher Education

1	2023-11-04-01	University of Delaware	Delmarva Region Advanced Composites Manufacturing Technology and Innovation Corridor (DRAMATIC)	\$325,144	\$0	\$0			
2	2023-11-04-02	University of Delaware	Biomufacturing Skills Taxonomy & Registered Apprenticeship Framework	\$1,333,573	\$0	\$0			
3	2023-11-04-03	University of Delaware	Feedback Activated: Adding Active Components to Animated Feedback Within a Mathematics Learning Technology	\$390,640	\$0	\$0			
4	2023-11-04-04	University of Delaware	Enhanced Retention of Proteoglycan Replacements in Articular Cartilage Through Thermal Gelation	\$1,822,451	\$0	\$0			
5	2023-11-04-05	University of Delaware	Mealtimes on the Spectrum: App-Based Psychoeducation for Parents of Autistic Children to Facilitate Self-Regulated Healthy Eating and Functional Routines	\$274,998	\$0	\$0			
6	2023-11-04-06	University of Delaware	Cancer Financial Impact Assessment: A Comprehensive Risk Score and Outcome Prediction	\$275,000	\$0	\$0			
7	2023-11-04-07	University of Delaware	Biomolecular Interaction Technologies Fiscal Year 2024 Lethbridge Supplement	\$0	\$0	\$45,117			
8	2023-11-04-08	University of Delaware	Ott, Biscuits and Buffalo: The Ongoing Reinvention of American Indian Culture	\$60,000	\$0	\$0			
9	2023-11-04-09	University of Delaware	RAISE: CET: Enhanced Recovery of Rare-Earth Elements Through Formation of High-Temperature Sulfate Liquids: Towards More Circular Utilization Pathways	\$648,906	\$0	\$0			
10	2023-11-04-10	University of Delaware	Linking Turbulent Properties of the Earth's Magnetosphere to Solar Wind Conditions	\$383,493	\$0	\$0			
11	2023-11-04-11	University of Delaware	Structure Characterization of mRNA Lipid Nanoparticles by Solid-State NMR	\$0	\$0	\$133,422			
12	2023-11-04-12	University of Delaware	The Landscape of Local Funding Sources for Community Colleges	\$0	\$0	\$16,633			
13	2023-11-04-13	University of Delaware	Testing an Intervention for Psychological Resilience Among Biomedical Trainees	\$1,200,000	\$0	\$0			
14	2023-11-04-14	University of Delaware	MR Elastography of Complex Brain Mechanical Properties	\$3,170,208	\$0	\$0			
15	2023-11-04-15	University of Delaware	Understanding the Role of Turbulence and Diffusion in the Acceleration and Transport of Solar Energetic Particles	\$0	\$0	\$201,418			
16	2023-11-04-16	University of Delaware	Partnership: Turbocharge Center Pivots with Robotic Proximal Sensing and AI for Precision Crop and Water Management in the Mid-Atlantic	\$616,130	\$0	\$0			
17	2023-11-04-17	University of Delaware	HiZrO2 Gated HEMT Devices	\$0	\$0	\$20,905			
18	2023-11-04-18	University of Delaware	Providing a Nursery and Demonstration Farm to Delaware's Oyster Aquaculture Industry	\$0	\$0	\$18,182			
19	2023-11-04-19	University of Delaware	Integrating Migratory Bird Stopover Requirements into Management Action Across the Great Lakes Basin	\$0	\$0	\$164,984			
20	2023-11-04-20	University of Delaware	Inertial-Range Energy Transfer Free from Restrictive Assumptions in Turbulent Space Plasma	\$394,220	\$0	\$0			
21	2023-11-04-21	University of Delaware	Commercialization of Enabling Technologies (COMET)	\$3,000,000	\$0	\$0			
22	2023-11-04-22	University of Delaware	Delaware AT Champion	\$0	\$0	\$9,249			
23	2023-11-04-23	University of Delaware	Gait Automaticity, Musculoskeletal Injury Risk, and Sex Differences in Children with Concussion: A Longitudinal Study	\$0	\$0	\$28,384			

24	2023-11-04-24	University of Delaware	S4PST: Stewardship for Programming Systems and Tools	\$621,584	\$0	\$0
25	2023-11-04-25	University of Delaware	Phosphoarginine-Linked Protein Quality Control and Stress Responses in Mycobacteria	\$1,250,000	\$0	\$0
26	2023-11-04-26	University of Delaware	Novel Autonomous Precision Drip Fertigation System for Managing Water/Nutrient in Leafy Green Hydroponics: Improve Sustainability and Safety	\$462,354	\$0	\$0
27	2023-11-04-27	University of Delaware	Building the 21st Century English Major	\$0	\$0	\$9,322
28	2023-11-04-28	University of Delaware	State DOT Policies and Practices on the Use of Corrosion Resistant Reinforcing Bars	\$0	\$0	\$34,375
29	2023-11-04-29	University of Delaware	Equipment: MRI: Track 2 Acquisition of a 800 MHz Solid-State NMR System for Interdisciplinary Research, Education, and Training	\$3,999,351	\$0	\$0
30	2023-11-04-30	University of Delaware	Patient Experience Academy (PEA) Training	\$33,808	\$0	\$0
31	2023-11-04-31	University of Delaware	Doctoral Fellowship Initiative FOR Saeed Esfandi AY 23-24	\$0	\$0	\$39,336
32	2023-11-04-32	University of Delaware	Cell-Mimetic Chemotherapeutic Delivery to the Lymph Node	\$275,000	\$0	\$0
33	2023-11-04-33	University of Delaware	Development of Measure(s) of Financial Hardship and Health Disparities Among Individuals Living with ADRD and Their Family Caregivers	\$2,861,683	\$0	\$0
34	2023-11-04-34	University of Delaware	University of Delaware Leadership in Civic Engagement	\$0	\$0	\$200,325
35	2023-11-04-35	University of Delaware	Study of the US Institutes for Young Women Leaders	\$0	\$0	\$189,000
36	2023-11-04-36	University of Delaware	Decarbonized Recycling of Single-Use Plastics	\$0	\$0	\$122,901
37	2023-11-04-37	University of Delaware	III: Medium: Hypergraph Learning: Feature Engineering, Signal Processing, Theory, and Applications	\$805,552	\$0	\$0
38	2023-11-04-38	University of Delaware	Charcoal Rot, A "Climate Change Disease": Mitigating Yield Loss in the U.S. Through Pathogen Biology, Disease Phenotyping, and Management Research	\$0	\$0	\$17,000
39	2023-11-04-39	University of Delaware	Mechanisms to Improve Adherence to Healthy Behaviors Among Older Adults for Optimal Brain Health: Using Communication Science Approach to Behavior Change	\$91,476	\$0	\$0
40	2023-11-04-40	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$199,998	\$0	\$0
41	2023-11-04-41	University of Delaware	Delaware INBRE	\$184,330	\$0	\$0
42	2023-11-04-42	University of Delaware	Disrupting Political Mega Identities: Embracing Humility, Giving the Benefit of the Doubt, and Reshuffling the Deck	\$0	\$0	\$199,922
43	2023-11-04-43	University of Delaware	Development of CytoDNA FISH for Imaging and Quantification of Cytosolic DNA	\$0	\$0	\$100,000
44	2023-11-04-44	University of Delaware	Dynamic Shading Using Agrovoltatics to Benefit Specialty Crop Production	\$454,965	\$0	\$0
45	2023-11-04-45	University of Delaware	USDA NIFA McIntire Stennis 24	\$126,083	\$0	\$0
46	2023-11-04-46	University of Delaware	Animal Health and Disease Research Program FY24	\$18,403	\$0	\$0
47	2023-11-04-47	University of Delaware	Smith-Lever Act Capacity Grant FY2024	\$1,452,948	\$0	\$0
48	2023-11-04-48	University of Delaware	University Of Delaware Expanded Food And Nutrition Education Program (EFNEP) FY2024	\$315,638	\$0	\$0
49	2023-11-04-49	University of Delaware	First Principles HPM Effectiveness High Power Microwave Technologies	\$0	\$0	\$23,117
50	2023-11-04-50	University of Delaware	Designing Magnon Amplification and Lasing Devices Via Quantum-Classical and Schwinger-Keldysh Nonequilibrium Approaches	\$352,853	\$0	\$0
51	2023-11-04-51	University of Delaware	An Investigation of Speech Rhythm in Monolingual and Bilingual Children Who Stutter	\$375,000	\$0	\$0
52	2023-11-04-52	University of Delaware	Parkinson's Disease Telehealth Clinic 2024	\$0	\$0	\$24,900

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53	2023-11-04-53	University of Delaware	Collaborative Research: Elucidating the Structure and Dynamics of Hierarchical Biomaterials	\$183,959	\$0	\$0
54	2023-11-04-54	University of Delaware	NRT-AI: Harnessing AI for Inverse Design Training in Advanced and Sustainable Composites (IDeAS Composites)	\$0	\$0	\$1,424,736
55	2023-11-04-55	University of Delaware	Functional Heterogeneity of Endothelial Cells in Tissue Engineered Vascularized Muscle	\$205,229	\$0	\$0
56	2023-11-04-56	University of Delaware	Influences of Prenatal Phthalate Exposure on Early Childhood Overweight/Obesity and Potentially Protective Dietary Strategies	\$75,936	\$0	\$0
57	2023-11-04-57	University of Delaware	Auditory Processing Disorder from Signal to Symbol	\$277,612	\$0	\$0
58	2023-11-04-58	University of Delaware	Aberrant BMP2 Signaling During Aging and its Impact on Women Health	\$199,958	\$0	\$0
59	2023-11-04-59	University of Delaware	Discovery of Molecular Probes and Therapeutic Leads, Administrative Supplement on Women's Health	\$200,000	\$0	\$0
60	2023-11-04-60	University of Delaware	Enhancing the Capacity of Food and Nutrition Education Through Integrated Research Based Pedagogical Practices	\$0	\$0	\$94,689
61	2023-11-04-61	University of Delaware	Biomimetic Design Criteria for Self-Assembly and Self-Folding Viral Capsid Models	\$0	\$0	\$40,718
62	2023-11-04-62	University of Delaware	Multi-Spectral Infrared Focal Plane Arrays	\$0	\$0	\$25,000
63	2023-11-04-63	University of Delaware	Classification of Powder Feedstocks	\$0	\$0	\$191,361
64	2023-11-04-64	University of Delaware	Observational Arthritis Foundation Internet Study (OASIS): Physical Activity, Pain, and Physical Function	\$0	\$0	\$92,593
65	2023-11-04-65	University of Delaware	3D Structured Mg-O2 Battery System with Exceptionally High Energy and Rechargeability	\$0	\$0	\$669,668
66	2023-11-04-66	University of Delaware	NIFA USDA Hatch Multistate FY24	\$543,741	\$0	\$0
67	2023-11-04-67	University of Delaware	The Effect of Knee Brace on Gait Biomechanics and Symptoms	\$0	\$0	\$295,308
68	2023-11-04-68	University of Delaware	Mothers' Childhood Experiences, Maternal Sensitivity, and Immune Regulation in Young Children	\$0	\$0	\$28,052
69	2023-11-04-69	University of Delaware	Bio-Derived High-Strength 3D-Printed Polymer Foams	\$0	\$0	\$272,088
70	2023-11-04-70	University of Delaware	Implementing the Lessons Learned from the 2022-2023 Delmarva HPAI on Farm Response: Managing on-Site Mortality	\$448,901	\$0	\$0
71	2023-11-04-71	University of Delaware	Preparation of National Historic Landmark Nomination for the Tuskegee Veterans Affairs Medical Center (VAMC)	\$0	\$0	\$56,704
72	2023-11-04-72	University of Delaware	High-Throughput FPGA of Wavelet Denoising	\$0	\$0	\$28,902
73	2023-11-04-73	University of Delaware	Addressing the Challenges of the New Federal Funding for Conservation: Empowering Citizen Science and Testing the Cost-Effectiveness of Financial Incentive Schemes Versus Technical Assistance to Improve Sustained Conservation Outcomes for NRCS Programs	\$0	\$0	\$130,434
74	2023-11-04-74	University of Delaware	Next Generation MRI for Virtual Mechanical Testing of Bone Fracture Healing	\$0	\$0	\$92,684
75	2023-11-04-75	University of Delaware	Collaborative Research: RUI: Low-Rank Tensor Methods with High-Order Accuracy and Structure-Preserving Properties for Kinetic Simulations	\$62,736	\$0	\$0
76	2023-11-04-76	University of Delaware	Resolving the Burden of Low Back Pain in Military Service Members and Veterans: A Multi-Site Pragmatic Clinical Trial	\$0	\$0	\$42,492
77	2023-11-04-77	University of Delaware	Microbial Display of Epitopes that Contain Non-Standard Amino Acids	\$0	\$0	\$150,001
78	2023-11-04-78	University of Delaware	Steven's Initiative-Seed Funding for Virtual Exchange	\$0	\$0	\$67,991
79	2023-11-04-79	University of Delaware	NOAA NWS National Mesonet Program 2021	\$0	\$0	\$47,981
80	2023-11-04-80	University of Delaware	The One Health Continuum: Role of Simulated Microgravity and Cultivar Specific Response in Pathogen Ingression in Space Crops	\$252,000	\$0	\$0
81	2023-11-04-81	University of Delaware	Understanding Knowledge Mobilization in DRK-12 Teaching Strand Projects	\$0	\$0	\$201,044

82	2023-11-04-82	University of Delaware	Collaborative Research: FET: Medium: Quantum Comparative Genomics for Minority-Aware Personalized Medicine	\$289,377	\$0	\$0
83	2023-11-04-83	University of Delaware	Modifying Effects of Sedentary Behaviors on Response to an Exercise Intervention for Adults with Knee OA	\$1,000,000	\$0	\$0
84	2023-11-04-84	University of Delaware	Teacher Professional Development and Collaboration to Integrate Cybersecurity in Mathematics and Science Elementary Curriculum	\$0	\$0	\$144,642
85	2023-11-04-85	University of Delaware	SHF: Medium: Domain-Adaptive Hierarchical Distributed GNN Processing	\$0	\$0	\$393,375
86	2023-11-04-86	University of Delaware	Microscale Habitat Use and Demographic Fitness of Different Sourced Translocated Bobwhite into Pennsylvania & Other Grassland Songbirds at Letterkenny Army Depot	\$0	\$0	\$636,536
87	2023-11-04-87	University of Delaware	A1066 Accelerated Corrosion Testing - Industrial Services	\$0	\$0	\$47,474
88	2023-11-04-88	University of Delaware	HCC:Medium:INSTILL - Interactive Scaffolding Tools for Individualized Learning	\$791,854	\$0	\$0
89	2023-11-04-89	University of Delaware	FTICR-MS Enabled Advanced Separation and Profiling of Organophosphorus Compounds	\$424,540	\$0	\$0
90	2023-11-04-90	University of Delaware	MRI: Track 1 Acquisition of an Integrated Driving Simulator for Investigating Joint Human-Machine Coordination and Decision-Making	\$857,587	\$0	\$0
91	2023-11-04-91	University of Delaware	Building Capacity to Address Healthy Rural Aging and Lifespan Disparities (HERALD)	\$0	\$0	\$49,224
92	2023-11-04-92	University of Delaware	Formulation and Evaluation of Biomass-Derived Polymers for High-Performance Applications	\$2,105,626	\$0	\$0
93	2023-11-04-93	University of Delaware	Determining How ECM Stiffness Directs Epithelial Cell Patterning Using the Embryonic Mouse Kidney as a Model System	\$0	\$0	\$800,000
94	2023-11-04-94	University of Delaware	University of Delaware Renewable Resources Extension Act FY24	\$46,449	\$0	\$0
95	2023-11-04-95	University of Delaware	GOALI: Electrochemo-Mechanical-Thermal Coupling in Long-Cycling Behaviors of Silicon-Based Batteries with External Dynamic Pressure	\$323,938	\$0	\$0
96	2023-11-04-96	University of Delaware	Carbonyls to Cancer Therapeutics	\$1,250,000	\$0	\$0
97	2023-11-04-97	University of Delaware	Osteocyte Perilacunar/Canalicular Remodeling (PLR) in Maternal Skeleton Adaptation	\$0	\$0	\$682,422
98	2023-11-04-98	University of Delaware	Interpersonal Racism, Structural Racism, and Blood Pressure in U.S. Black Middle-Aged and Older Adults	\$181,905	\$0	\$0
99	2023-11-04-99	University of Delaware	Delaware's Coastal Economy: Contribution, Risks, and Opportunities (Cont'd.)	\$0	\$0	\$14,510
100	2023-11-05-01	University of Delaware	Collaborative Research: Solid-State Chemistry and Electrochemistry of Lithium- and Sodium-based Tetrelides and Related Materials	\$206,802	\$0	\$0
101	2023-11-05-02	University of Delaware	Sanofi LNP project	\$0	\$0	\$99,999
102	2023-11-05-03	University of Delaware	A Domain-Specific Approach to Falls Efficacy and Walking Activity in Individuals with Chronic Stroke	\$100,000	\$0	\$0
103	2023-11-05-04	University of Delaware	Sintered Powder Textile Coatings for Extreme Environments	\$0	\$0	\$29,711
104	2023-11-05-05	University of Delaware	Bundlemer-Templated Block Copolymers	\$391,721	\$0	\$0
105	2023-11-05-06	University of Delaware	Development of the Orienting Positive Emotions in New Educators for Mathematics (OPEN for Math) Professional Learning Program	\$1,958,160	\$0	\$0
106	2023-11-05-07	University of Delaware	Develop a Strain Engineering Platform for Two-Dimensional Materials	\$0	\$0	\$1,399,998
107	2023-11-05-08	University of Delaware	Biomolecules for Synthetic Materials with Protein-like Specificity of Structure and Function	\$0	\$0	\$2,000,001
108	2023-11-05-09	University of Delaware	Integrating Visual Recognition with Conversational AI Agents for a User-Friendly Integrated Pest Management Application in Climate-Adaptive	\$0	\$0	\$52,503
109	2023-11-05-10	University of Delaware	Exploring the High-Energy and Time-Domain Universe with Innovative Transient Optical Telescope Arrays	\$0	\$0	\$143,535
110	2023-11-05-11	University of Delaware	Is Climate Change and Road Salt Salinization Undermining Nitrogen Removal by Freshwater Urban/Suburban Wetlands?	\$211,511	\$0	\$0
111	2023-11-05-12	University of Delaware	Preparation of National Historic Landmark Update for Gunston Hall	\$0	\$0	\$39,576

112	2023-11-05-13	University of Delaware	Multi-Institutional Data Science Training of Students in Food and Agricultural Sciences	\$0	\$0	\$70,877
113	2023-11-05-14	University of Delaware	The Network Meta-Analysis of Active Ingredients of Mathematics Instruction	\$0	\$0	\$62,212
114	2023-11-05-15	University of Delaware	In-Situ/Ex-Situ Mechanical Characterization of Battery Component Materials with Various Electrochemical Status	\$0	\$0	\$99,301
115	2023-11-05-16	University of Delaware	Modeling the Relationship Between Neighborhood Deprivation and Systolic Blood Pressure in Youth	\$0	\$0	\$39,000
116	2023-11-05-17	University of Delaware	Mapping Soil Response to Variable Rate Lime and Potassium Applications	\$0	\$0	\$14,719
117	2023-11-05-18	University of Delaware	Corn Planting Timing Effects on Yield, Herbivory, and Nutrient Uptake	\$0	\$0	\$9,952
118	2023-11-05-19	University of Delaware	Using NDVI to Determine Early Vegetative Growth and Nitrogen Needs	\$0	\$0	\$11,981
119	2023-11-05-20	University of Delaware	Fostering Solar Energy Deployment in the Aquaculture Industry	\$0	\$0	\$19,231
120	2023-11-05-21	University of Delaware	GOALL: Soft Sensing of Key Process Indicators (KPIs) and Critical Process Parameters (CPPs)	\$941,128	\$0	\$0
121	2023-11-05-22	University of Delaware	Equipment: MRI: Track 1 Acquisition of Ultra-High Pressure Liquid Chromatography Mass Spectrometer for High Throughput Experimentation	\$538,327	\$0	\$0
122	2023-11-05-23	University of Delaware	Community-Based Screening for Diabetes Risk Factors: Multidisciplinary Team Model to Maximize Impact	\$0	\$0	\$45,455
123	2023-11-05-24	University of Delaware	Regulatory Networks in Lens Development	\$1,250,000	\$0	\$0
124	2023-11-05-25	University of Delaware	Time Restricted Eating, Eating Behaviors, and Cardiometabolic Risk in Emerging Adult Women	\$0	\$0	\$10,000
125	2023-11-05-26	University of Delaware	EAGER IMPRESS-U: Exploratory Research on Generative Compression for Compressive Lidar	\$192,358	\$0	\$0
126	2023-11-05-27	University of Delaware	Diversify or Divert: The Effects of Expanding Math Pathways on STEM Participation and College Completion	\$0	\$0	\$35,000
127	2023-11-05-28	University of Delaware	Comparative Effectiveness of Parent Education Programs Aimed at Advancing Motor, Cognitive, and Language Development in Early Childhood	\$2,740,355	\$0	\$0
128	2023-11-05-29	University of Delaware	Infrastructure and Capacity Building for Transformational Submerged Aquatic Vegetation (SAV) Restoration in the Mid-Atlantic United States	\$0	\$0	\$722,614
129	2023-11-05-30	University of Delaware	District 22-D Lions Club PADE 23/24 Partner Organization	\$0	\$0	\$14,000
130	2023-11-05-31	University of Delaware	Using Generative AI to Complement Existing Autonomous Driving Datasets to Improve Autonomous Vehicle Safety	\$0	\$0	\$70,000
131	2023-11-05-32	University of Delaware	Leveraging National-Scale Datasets, Process-Based Model Ensembles, and Machine Learning to Inform Cover Crop Management Decisions for Climate-Smart Agricultural Systems	\$0	\$0	\$108,099
132	2023-11-05-33	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
133	2023-11-05-34	University of Delaware	Collaborative Research: MRA: The Ecological Homogenization Cascade and Ecosystem Services in the American Residential Macrosystem	\$294,898	\$0	\$0
134	2023-11-05-35	University of Delaware	A Graphon-Based Approach to Approximate Seriation	\$154,394	\$0	\$0
135	2023-11-05-36	University of Delaware	MEPI-Student Leaders Program	\$0	\$0	\$11,761
136	2023-11-05-37	University of Delaware	Impact of Mild Cognitive Impairment on the Interplay and Neural Structures of Decision and Motor Processes	\$2,363,349	\$0	\$0
137	2023-11-05-38	University of Delaware	CHILD Inc 1 PADE 23/24 Partner Organization	\$0	\$0	\$23,500
138	2023-11-05-39	University of Delaware	CHILD Inc 2 PADE 23/24 Partner Organization	\$0	\$0	\$23,500
139	2023-11-05-40	University of Delaware	Network Delaware Inc 2 PADE 23/24 Partner Organization	\$0	\$0	\$14,000
140	2023-11-05-41	University of Delaware	Wood Duck Nesting and Brood Ecology in the Delmarva Peninsula	\$0	\$0	\$15,000

141	2023-11-05-42	University of Delaware	First State Squash Inc PADE 23/24 Partner Organization	\$0	\$0	\$21,500
142	2023-11-05-43	University of Delaware	Wilmington Sudbury School PADE 23/24 Partner Organization	\$0	\$0	\$16,500
143	2023-11-05-44	University of Delaware	Mental Health Association in Delaware 1 PADE 23/24 Partner Organization	\$0	\$0	\$19,000
144	2023-11-05-45	University of Delaware	Remote Breaching of Obstacles	\$0	\$0	\$6,251
145	2023-10-14-05 Amendment	Delaware State University	Developing On-Chip Sensing Capabilities Using Mid-Infrared Photonic Integrated Circuits (PICs) at Delaware	\$542,975	\$0	\$0
146	2021-12-04-02 Amendment	Delaware State University	Increase the Supply of Trained Degree Recipients in the STEM Disciplines with Readiness for the Workforce.	\$140,000	\$0	\$0
147	2023-11-11-01	Delaware State University	HBCU Gun Violence Research Collaborative - Excellence in Research: Understanding Gun Possession Among Young Adults Living in Four High Crime Cities	\$1,012,380	\$0	\$0
148	2023-11-11-02	Delaware State University	Longitudinal Metabolic Imaging of Brain Function in Synucleinopathy	\$11,561	\$0	\$0
149	2023-11-11-03	Delaware State University	Examination of Post-Plasma Treatment on Food Quality	\$139,996	\$0	\$0
150	2023-11-11-04	Delaware State University	Advancing Precision-Targeted Therapies for Phenylketonuria (PKU) Through the Integration of Deep Learning and Physics-Based Approaches	\$687,826	\$0	\$0
151	2023-11-11-05	Delaware State University	Excellence in Research: Soft Nanostructure Enhanced Antibody-Antigen Complexes in Point-of-Care Testing	\$349,933	\$0	\$0
152	2023-11-11-06	Delaware State University	Glandular Trichomes-Based Biomanufacturing of Artemisinin from Bioengineered and Wild-Type Embryogenic Suspensions and Calluses	\$2,380,004	\$0	\$0
153	2023-11-11-07	Delaware State University	Electrochemical Reductive Grafting of Gold-Aryl Films from Aryldiazonium Gold(III) Salts	\$463,579	\$0	\$0
154	2023-11-11-08	Delaware State University	"McIntire Stennis (2023-2024) FY24" - Development of Genetic and Genomic Resources in Sugar Maple (Acer Saccharum Marshall) Using Next Generation Sequencing Technologies	\$168,112	\$0	\$0
155	2023-11-11-09	Delaware State University	RDI: Building Research Capacity at an Historically-Black University	\$9,999,466	\$0	\$0
156	2023-11-11-10	Delaware State University	Renewal of Delaware Center for Neuroscience Research - Alzheimer's Disease Supplement	\$397,875	\$0	\$0
157	2023-11-11-11	Delaware State University	Excellence in Research Using Biosensors in Environmental Pollution Monitoring and Control	\$1,033,439	\$0	\$0
158	2023-11-11-12	Delaware State University	Mapping of Natural Disasters by Deep Subspace Learning in Multi-Band and Multispectral Satellite Images	\$911,306	\$0	\$0
159	2023-11-11-13	Delaware State University	Chip Scale Detection of Dissolved Methane Using Mid-Infrared Sensing	\$589,427	\$0	\$0
160	2023-11-11-14	Delaware State University	Excellence in Research – Investigating the Role of TRP-4 in Modulating Dopaminergic Synaptic Homeostasis in C. Elegans	\$694,587	\$0	\$0
161	2023-11-11-15	Delaware State University	Improving and Accelerating Deep Learning and Physics-Based Approaches to Understand Phenylalanine Binding and interaction with Proteins	\$699,990	\$0	\$0
162	2023-11-11-16	Delaware State University	Excellence in Research: Effects of Multiple Environmental Factors on Alternative Community States	\$602,096	\$0	\$0
163	2023-11-11-17	Delaware State University	Piazza Center Faculty Research Fellow Research Project	\$10,000	\$0	\$0

11/06/2023

Topic: Delaware State Clearinghouse Committee Meeting
Time: Nov 21, 2023 10:00 AM Eastern Time (US and Canada)

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