

**Delaware State Clearinghouse Committee
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

| Item | SA# | Applicant | Project Title | Funding | | | Positions | | |
|----------------------|--------------------------------|---|---|--------------|-------------|-------|-----------|-------|-------|
| | | | | Federal | State | Other | Federal | State | Other |
| New Business* | | | | | | | | | |
| 1 | 6172 | 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 | 6272 | 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 | 6268 | 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 | 6269 | 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 |
| Continued | | | | | | | | | |
| 1 | 6150 | 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 | 6213 | 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 | 6220 | 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 | 6258 | 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 | 6285 | 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 | 6163 Amendment | 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 | 6264 | 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 | 6270 | 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 | 6271 | 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 | 6235 | 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 | 6236 | 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 | 6046 Amendment | Department of Labor, Unemployment Insurance | Reemployment and Eligibility Assessment | \$327,100 | \$0 | \$0 | 0.00 | 0.00 | 0.00 |
| 13 | 6255 | Department of Education, Academic Support | Individuals with Disabilities Education Act, Part B | \$44,305,418 | \$0 | \$0 | 10.75 | 0.00 | 0.00 |
| 14 | 6267 | Department of Education, Student Support | Rural and Low-Income Schools | \$204,602 | \$0 | \$0 | 0.00 | 0.00 | 0.00 |
| 15 | 6273 | Department of Education, Student Support | Prevention and Intervention Programs for Children | \$466,115 | \$0 | \$0 | 0.00 | 0.00 | 0.00 |
| 16 | 6275 | Department of Education, Student Support | Migrant Education Program Consortium Incentive | \$114,817 | \$0 | \$0 | 0.00 | 0.00 | 0.00 |
| 17 | 6276 | Department of Education, Student Support | Education for Homeless Children and Youth | \$403,784 | \$0 | \$0 | 0.15 | 0.00 | 0.00 |
| 18 | 6277 | Department of Education, Student Support | Adult Basic Education | \$1,961,151 | \$1,584,738 | \$0 | 0.10 | 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>

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| 19 | 6281 | Department of Education, Student Support | Title I, Part C Migrant Education | \$506,497 | \$0 | \$0 | 1.30 | 0.00 | 0.00 |
| 20 | 6284 | 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 | 6287 | Department of Education, Early Childhood Support | Early Head Start | \$3,057,145 | \$764,286 | \$0 | 2.90 | 0.00 | 0.00 |
| 22 | 2024-04-01-01 | Caesar Rodney School District | Dover Air Force Base School Budget | \$11,516,943 | \$0 | \$0 | 0.00 | 0.00 | 0.00 |

Higher Education

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|----|---------------|------------------------|---|--------------|-----|-----------|--|--|--|
| 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 | | | |

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| 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 |

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| 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 |

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| 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 |

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| 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 |

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