

Delaware State Clearinghouse Committee

April Agenda

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

April 15, 2025 @ 10:00am

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

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

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

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

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

Created 4/7/2025

Join Zoom Meeting

<https://us02web.zoom.us/j/81276211017?pwd=vE6Zl0AQ5zlv80lz0SRB9hY3hxHT37.1>

Meeting ID: 812 7621 1017

Passcode: 065648

One tap mobile

+13126266799,,81276211017#,,,,*065648# US (Chicago)

+16469313860,,81276211017#,,,,*065648# US

Dial by your location

- +1 312 626 6799 US (Chicago)
- +1 646 931 3860 US
- +1 929 205 6099 US (New York)
- +1 301 715 8592 US (Washington DC)
- +1 305 224 1968 US
- +1 309 205 3325 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)
- +1 689 278 1000 US

Meeting ID: 812 7621 1017

Passcode: 065648

Find your local number: <https://us02web.zoom.us/u/ketRTFE9X>