

**Delaware State Clearinghouse Committee**  
**June Agenda**  
Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
June 27, 2022 @ 9:00am

| <i>Item</i>   | <i>SA#</i>                              | <i>Applicant</i>  | <i>Project Title</i>   | <i>Federal</i>                                   | <i>Funding State</i> | <i>Other</i> | <i>Federal</i> | <i>Positions State</i> | <i>Other</i> |      |
|---|---|---|--|--|----------------------|--------------|----------------|------------------------|--------------|------|
| <b>New Business*</b>  |   |   |  |  |                      |              |                |                        |              |      |
| 1   | <a href="#">5315</a>                    | Executive, Criminal Justice, Criminal Justice Council   | President-Elect Security Assistance Grant                                  | \$1,038,916                                      | \$0                  | \$0          | 0.10           | 0.00                   | 0.00         |      |
| 2   | <a href="#">DNREC Positions Request</a> | Department of Natural Resources and Environmental Control, Water Resources, Resource Protection           | DNREC 3.0 NSF FTE Request/PFAS Settlement                                  | \$0  | \$0                  | \$0          | 0.00           | 0.00                   | 3.00         |      |
| 3   | <a href="#">5333</a>                    | Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance | Sewer Overflow and Stormwater Reuse Municipal Grant                        | \$337,000  | \$84,250             | \$0          | 0.00           | 0.00                   | 0.00         |      |
| 4   | <a href="#">5312</a>                    | Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency | Hazard Mitigation DR-4566 Tropical Storm Isaias                            | \$1,731,535                                      | \$0                  | \$432,883    | 1.25           | 0.00                   | 0.00         |      |
| 5   | <a href="#">5358</a>                    | Department of Transportation, Office of the Secretary, Finance Division                                   | Operating and Preventative Maintenance 5307 Urban - ARP COVID-19           | \$63,236,476                                     | \$0                  | \$0          | 0.00           | 0.00                   | 0.00         |      |
| 6   | <a href="#">5359</a>                    | Department of Transportation, Office of the Secretary, Finance Division                                   | Operating and Preventative Maintenance 5311 Rural - ARP COVID-19           | \$3,427,222                                      | \$0                  | \$0          | 0.00           | 0.00                   | 0.00         |      |
| 7   | <a href="#">5383</a>                    | Department of Labor, Employment Training, Employment and Training Services                                | Employment Equity Project - ARP COVID-19                                   | \$1,000,000                                      | \$0                  | \$0          | 1.00           | 0.00                   | 0.00         |      |
| <b>Infrastructure Investment and Jobs Act, 2021 (IIJA) aka Bipartisan Infrastructure Law (BIL) H.R.3684 November 15, 2021</b> |   |   |  |  |                      |              |                |                        |              |      |
|   |   |   |  | Delaware 's Estimated Allocation Over Five Years |                      |              |                |                        |              |      |
| 1   | <a href="#">TBD</a>                     | Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance | Clean Water State Revolving Funds: Existing Program Supplement - IIJA      | \$54,729,000                                     | \$9,027,000          | \$0          | 0.00           | 0.00                   | 1.40         |      |
| 2   | <a href="#">TBD</a>                     | Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance | Clean Water State Revolving Funds: Emerging Contaminants - IIJA            | \$4,664,000                                      | \$0                  | \$0          | 0.00           | 0.00                   | 1.40         |      |
| 3   | <a href="#">TBD</a>                     | Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance | Drinking Water State Revolving Funds: Existing Program Supplement - IIJA   | \$111,553,000                                    | \$18,418,000         | \$0          | 2.50           | 0.00                   | 1.40         |      |
| 4   | <a href="#">TBD</a>                     | Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance | Drinking Water State Revolving Funds: Emerging Contaminants - IIJA         | \$38,020,000                                     | \$0                  | \$0          | 1.50           | 0.00                   | 1.40         |      |
| 5   | <a href="#">TBD</a>                     | Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance | Drinking Water State Revolving Funds: Lead Service Line Replacement - IIJA | \$142,575,000                                    | \$0                  | \$0          | 2.00           | 0.00                   | 1.40         |      |
|   |   |   |  | Total  | \$351,541,000        | \$27,445,000 | \$0            | 6.00                   | 0.00         | 7.00 |
| <b>Continued</b>  |   |   |  |  |                      |              |                |                        |              |      |
| 1   | <a href="#">5084 Amendment 2</a>        | Executive, Office of Management and Budget  | Coronavirus State Fiscal Recovery Fund - ARP COVID-19                      | \$0  | \$0                  | \$0          | 1.00           | 0.00                   | 0.00         |      |
| 2   | <a href="#">2022-04-06-01</a>           | Executive, Delaware State Housing Authority   | Community Development Block Grant  | \$2,642,996                                      | \$0                  | \$0          | 0.70           | 0.00                   | 0.00         |      |
| 3   | <a href="#">2022-04-06-02</a>           | Executive, Delaware State Housing Authority   | Housing Opportunities for Persons with Aids                                | \$358,476  | \$0                  | \$0          | 0.00           | 0.00                   | 0.00         |      |
| 4   | <a href="#">2022-04-06-03</a>           | Executive, Delaware State Housing Authority   | Housing Trust Fund   | \$2,982,433                                      | \$0                  | \$0          | 0.00           | 0.00                   | 0.00         |      |
| 5   | <a href="#">2022-04-06-04</a>           | Executive, Delaware State Housing Authority   | HOME Investment Partnership  | \$3,000,039                                      | \$0                  | \$0          | 0.00           | 0.00                   | 0.00         |      |
| 6   | <a href="#">2022-04-06-05</a>           | Executive, Delaware State Housing Authority   | Emergency Solutions Grants Program   | \$246,911  | \$0                  | \$0          | 0.00           | 0.00                   | 0.00         |      |
| 7   | <a href="#">2022-04-06-06</a>           | Executive, Delaware State Housing Authority   | Recovery Housing Program   | \$1,357,066                                      | \$0                  | \$0          | 0.00           | 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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|----|--------------------------------|--|---|---------------|---------------|-----------|-------|------|------|
| 8  | <a href="#">2022-04-07-01</a>  | Executive, Delaware State Housing Authority  | Public Housing Operations Program - Moving to Work              | \$2,432,680   | \$0           | \$681,980 | 0.00  | 0.00 | 0.00 |
| 9  | <a href="#">2022-04-07-02</a>  | Executive, Delaware State Housing Authority  | Housing Choice Vouchers - Moving to Work                        | \$10,345,670  | \$0           | \$0       | 1.00  | 0.00 | 0.00 |
| 10 | <a href="#">2022-04-07-03</a>  | Executive, Delaware State Housing Authority  | Family Unification Program                                      | \$536,020     | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 11 | <a href="#">2022-04-07-04</a>  | Executive, Delaware State Housing Authority  | Performance Based Contract Administrator Program                | \$45,461,896  | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 12 | <a href="#">2022-04-07-05</a>  | Executive, Delaware State Housing Authority  | Public Housing Capital Program - Moving to Work                 | \$810,861     | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 13 | <a href="#">2022-04-07-06</a>  | Executive, Delaware State Housing Authority  | Mainstream Voucher Program                                      | \$605,729     | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 14 | <a href="#">5336</a>           | Executive, Criminal Justice, Criminal Justice Council  | Childrens Justice Act Grant                                     | \$89,206      | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 15 | <a href="#">5340</a>           | Executive, Criminal Justice, Criminal Justice Council  | Residential Substance Abuse Treatment                           | \$176,227     | \$58,742      | \$0       | 0.21  | 0.05 | 0.00 |
| 16 | <a href="#">4898 Amendment</a> | Department of Health and Social Services, Medicaid and Medical Assistance  | Medicaid Services XIX-MAP22                                     | \$814,530,784 | \$162,906,157 | \$0       | 0.00  | 0.00 | 0.00 |
| 17 | <a href="#">5325</a>           | Department of Health and Social Services, Public Health, Community Health  | Immunization and Vaccines for Children                          | \$2,381,761   | \$0           | \$0       | 11.00 | 0.00 | 0.00 |
| 18 | <a href="#">5327</a>           | Department of Health and Social Services, Social Services  | Delaware Senior Medicare Patrol Program                         | \$241,734     | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 19 | <a href="#">5332</a>           | Department of Health and Social Services, Public Health, Community Health  | First Responders - Comprehensive Addiction & Recovery Act       | \$800,000     | \$0           | \$0       | 0.55  | 0.00 | 0.00 |
| 20 | <a href="#">5346</a>           | Department of Health and Social Services, Public Health, Community Health  | Hepatitis C Increased Testing and Diagnosis                     | \$315,000     | \$0           | \$0       | 2.00  | 0.00 | 0.00 |
| 21 | <a href="#">5349</a>           | Department of Health and Social Services, Public Health, Community Health  | Epidemiology and Laboratory Capacity for Infectious Disease     | \$14,161,026  | \$0           | \$0       | 6.50  | 0.00 | 0.00 |
| 22 | <a href="#">5355</a>           | Department of Health and Social Services, Administration, Office of the Secretary  | Delaware Health Insurance Individual Market Stabilization       | \$35,010,817  | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 23 | <a href="#">5046 Amendment</a> | Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy      | Clean Cities Coalition Grant                                    | \$20,000      | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 24 | <a href="#">3310 Amendment</a> | Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship                    | Local Cooperation Agreement Delaware Coastal Protection Project | \$995,890     | \$1,449,370   | \$0       | 0.10  | 0.15 | 0.00 |
| 25 | <a href="#">5326</a>           | Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife                        | E-2-33 Delaware's Rare Plant Conservation Program               | \$13,050      | \$4,350       | \$0       | 0.00  | 0.02 | 0.00 |
| 26 | <a href="#">5329</a>           | Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife                        | E-1-31 Delaware's Endangered Species Program                    | \$42,695      | \$14,232      | \$0       | 0.00  | 0.04 | 0.00 |
| 27 | <a href="#">5331</a>           | Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances    | Support Agency Cooperative Agreement - Brownfields              | \$444,994     | \$0           | \$0       | 2.75  | 0.00 | 0.00 |
| 28 | <a href="#">5335</a>           | Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife                        | Shellfish Sanitation Equipment                                  | \$39,953      | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 29 | <a href="#">5338</a>           | Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship                    | Nonpoint Source Implementation Grant                            | \$1,223,200   | \$663,147     | \$158,987 | 3.25  | 2.60 | 0.00 |
| 30 | <a href="#">5370</a>           | Department of Natural Resources and Environmental Control, Office of the Secretary, Office of Innovation and Technology Services | Environmental Information Exchange Network                      | \$199,398     | \$0           | \$0       | 0.00  | 0.00 | 0.00 |
| 31 | <a href="#">5392</a>           | Department of Labor, Employment Training, Employment and Training Services   | Foreign Labor Certification (FY20)                              | \$65,000      | \$0           | \$0       | 1.00  | 0.00 | 0.00 |
| 32 | <a href="#">5393</a>           | Department of Labor, Employment Training, Employment and Training Services   | Foreign Labor Certification (FY21)                              | \$76,092      | \$0           | \$0       | 1.00  | 0.00 | 0.00 |

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|----|----------------------|--|--|-------------|-----------|-----|------|------|------|
| 33 | <a href="#">5341</a> | Department of Education, Student Support         | Title I Part C Migrant Education                   | \$443,184   | \$0       | \$0 | 1.30 | 0.00 | 0.00 |
| 34 | <a href="#">5362</a> | Department of Education, Academic Support        | State Assessment and Related Activities            | \$3,585,897 | \$0       | \$0 | 2.10 | 0.00 | 0.00 |
| 35 | <a href="#">5363</a> | Department of Education, Student Support         | Title IV, Part B - 21st Century Community Learning | \$6,172,398 | \$0       | \$0 | 0.80 | 0.00 | 0.00 |
| 36 | <a href="#">5364</a> | Department of Education, Student Support         | Adult Basic Education                              | \$1,893,090 | \$855,621 | \$0 | 0.10 | 0.00 | 0.00 |
| 37 | <a href="#">5365</a> | Department of Education, Student Support         | Education for Homeless Children and Youth          | \$337,662   | \$0       | \$0 | 0.15 | 0.00 | 0.00 |
| 38 | <a href="#">5366</a> | Department of Education, Office of the Secretary | Rural and Low-Income Schools                       | \$126,740   | \$0       | \$0 | 0.00 | 0.00 | 0.00 |
| 39 | <a href="#">5367</a> | Department of Education, Student Support         | Migrant Education Program Consortium Incentive     | \$118,483   | \$0       | \$0 | 0.00 | 0.00 | 0.00 |

**Higher Education**

|    |               |                           |   |              |     |          |  |  |  |
|----|---------------|---------------------------|---|--------------|-----|----------|--|--|--|
| 1  | 2022-06-04-01 | Delaware State University | Program for Children - Continuation and Pilot Project   | \$75,000     | \$0 | \$0      |  |  |  |
| 2  | 2022-06-04-02 | Delaware State University | Title X Family Planning Services and HIV Testing and Counseling Services Contract #22-143   | \$12,500     | \$0 | \$0      |  |  |  |
| 3  | 2022-06-04-03 | Delaware State University | Title X Family Planning Services and HIV Testing and Counseling Services Contract #19-380   | \$10,000     | \$0 | \$0      |  |  |  |
| 4  | 2022-06-04-04 | Delaware State University | Thrust 4-Value Added Systems (Part 2)   | \$80,000     | \$0 | \$0      |  |  |  |
| 5  | 2022-06-04-05 | Delaware State University | DSU Community Navigator   | \$200,000    | \$0 | \$0      |  |  |  |
| 6  | 2022-06-04-06 | Delaware State University | Development of Phage Therapy for the Treatment of Enteric Septicemia and Columnaris in Aquaponics Catfish   | \$299,674    | \$0 | \$0      |  |  |  |
| 7  | 2022-06-04-07 | Delaware State University | DSU Public Health Training Scholarship Program  | \$1,500,000  | \$0 | \$0      |  |  |  |
| 8  | 2022-06-04-08 | Delaware State University | Generation of Hydrogen Peroxide and Consecutive Chemical Reactions in Water Microdroplets   | \$20,995     | \$0 | \$0      |  |  |  |
| 9  | 2022-06-04-09 | Delaware State University | Artificial Intelligence (AI) Institute for Coastal-Smart Digital Agriculture (AICoSDA)  | \$19,928,219 | \$0 | \$0      |  |  |  |
| 10 | 2022-06-04-10 | Delaware State University | Delaware Space Observation Center (DSpOC)   | \$399,985    | \$0 | \$0      |  |  |  |
| 11 | 2022-06-04-11 | Delaware State University | On- Chip Sensing Using Mid-Infrared Integrated Photonic Circuits (PICs)   | \$245,800    | \$0 | \$0      |  |  |  |
| 12 | 2022-06-04-12 | Delaware State University | Delaware State University McNair: Growing Opportunity, Advancing Learning (GOAL)  | \$249,443    | \$0 | \$0      |  |  |  |
| 13 | 2022-06-04-13 | Delaware State University | Climate-Smart Milk: Halving Methane Emissions and Carbon Footprints (Measured and Verified) Through Innovative Management Integration from Feeding to Land-Use  | \$847,920    | \$0 | \$0      |  |  |  |
| 14 | 2022-06-04-14 | Delaware State University | Social & Behavioral Factors Related to COVID-19 Rapid Testing in Delaware's Underserved Communities   | \$1,763,131  | \$0 | \$0      |  |  |  |
| 15 | 2022-06-04-15 | Delaware State University | Project ABLE- Igniting an Ocean Economy Tech Center in Kent and Sussex Counties   | \$300,000    | \$0 | \$0      |  |  |  |
| 16 | 2022-06-04-16 | Delaware State University | US Embassy Abidjan, Public Affairs Section  | \$25,000     | \$0 | \$0      |  |  |  |
| 17 | 2022-06-04-17 | Delaware State University | MBDA/Minority College and Universities  | \$601,422    | \$0 | \$0      |  |  |  |
| 18 | 2022-06-04-18 | Delaware State University | Certificates in Multiliteracy: Growth and Competencies for International Studies, Language Content for Professional Purposes and Less Commonly Taught Languages | \$218,914    | \$0 | \$0      |  |  |  |
| 19 | 2022-06-11-01 | University of Delaware    | Inspection/Light Work Class Remotely Operated Vehicle (ROV) for Improved Ocean Research Support from the University of Delaware Research Vessel Hugh R. Sharp   | \$784,225    | \$0 | \$0      |  |  |  |
| 20 | 2022-06-11-02 | University of Delaware    | Integrative Data Analysis to Identify Persistent Post-Concussion Deficits and Subsequent Musculoskeletal Injury Risk  | \$88,244     | \$0 | \$0      |  |  |  |
| 21 | 2022-06-11-03 | University of Delaware    | Tissue Engineered Total Disc Replacement in a Large Animal Model  | \$17,713     | \$0 | \$0      |  |  |  |
| 22 | 2022-06-11-04 | University of Delaware    | Bioactive Injectable Implants for Functional Intervertebral Disc Regeneration   | \$17,713     | \$0 | \$0      |  |  |  |
| 23 | 2022-06-11-05 | University of Delaware    | DSC Boost22   | \$0          | \$0 | \$14,818 |  |  |  |
| 24 | 2022-06-11-06 | University of Delaware    | Development of Biological Control Methods for Management of Spotted Lanternfly  | \$24,015     | \$0 | \$0      |  |  |  |

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|----|---------------|------------------------|--|-------------|-----|-----------|
| 25 | 2022-06-11-07 | University of Delaware | Conformal Printing of Frequency Selective Surfaces   | \$0         | \$0 | \$26,001  |
| 26 | 2022-06-11-08 | University of Delaware | Roads Continue: Long-Term Patterns of Desistance Among an Active Criminal Cohort   | \$301,373   | \$0 | \$0       |
| 27 | 2022-06-11-09 | University of Delaware | Collaborative Research: Protein Engineering and Processing of Plant Viral Templates for Controlled Nanoparticle Synthesis  | \$27,000    | \$0 | \$0       |
| 28 | 2022-06-11-10 | University of Delaware | Public Allies FY21/22 National Support   | \$0         | \$0 | \$15,297  |
| 29 | 2022-06-11-11 | University of Delaware | Using AI to Clarify the Role of Phonological Processing Speed in Reading Difficulty  | \$0         | \$0 | \$53,125  |
| 30 | 2022-06-11-12 | University of Delaware | FMSG: ECO: From Carbon Dioxide to Future Bioplastic Manufacturing for Environmental Sustainability   | \$0         | \$0 | \$130,694 |
| 31 | 2022-06-11-13 | University of Delaware | Structural Characterization of SARS-CoV-2 Genome Organization by NMR   | \$1,634,600 | \$0 | \$0       |
| 32 | 2022-06-11-14 | University of Delaware | Bridging Insights Why It Worked: A Comparative Study of Select Resolved and Unresolved Conflicts Since 1946  | \$0         | \$0 | \$56,036  |
| 33 | 2022-06-11-15 | University of Delaware | Fundamental Studies of Catalytic Sites and Catalyst/Membrane Integrations for Advanced Hydroxide Exchange Membrane Electrolyzers                                 | \$0         | \$0 | \$378,126 |
| 34 | 2022-06-11-16 | University of Delaware | Re-Survey of Sharp Points to Estimate Population Change Over Time  | \$46,809    | \$0 | \$0       |
| 35 | 2022-06-11-17 | University of Delaware | Collaborative Research: CIF: Small: Hypergraph Signal Processing and Networks Via T-Product Decompositions   | \$222,635   | \$0 | \$0       |
| 36 | 2022-06-11-18 | University of Delaware | Yoda1-Augmented Vibration Enhances Standard of Care in Metastatic Breast Cancers   | \$899,991   | \$0 | \$0       |
| 37 | 2022-06-11-19 | University of Delaware | The Delaware Space Observation Center (DSpOC)  | \$801,110   | \$0 | \$0       |
| 38 | 2022-06-11-20 | University of Delaware | Systematic Study of Plasmon-Induced Charge and Energy Transfer in Metal-Semiconductor Hybrids  | \$10,000    | \$0 | \$0       |
| 39 | 2022-06-11-21 | University of Delaware | Scalable Manufacturing of Structured Battery Electrode with Controlled Meso-Scale Architecture for Fast-Charging Li-Ion Battery                                  | \$0         | \$0 | \$161,489 |
| 40 | 2022-06-11-22 | University of Delaware | Therapeutic Design for Enhanced Antiretroviral Delivery to Lymphoid Tissue   | \$149,031   | \$0 | \$0       |
| 41 | 2022-06-11-23 | University of Delaware | Assessing the Transport, Transformation, and Fate of Per and Polyfluoroalkyl Substances (Pfas) Across the Land-Sea Transition                                    | \$249,487   | \$0 | \$0       |
| 42 | 2022-06-11-24 | University of Delaware | Factors Affect the Transfer of Bacterial Pathogens to Leafy Greens from Soils  | \$217,613   | \$0 | \$0       |
| 43 | 2022-06-11-25 | University of Delaware | Siemens Svc Agreement Hanson 22  | \$0         | \$0 | \$31,338  |
| 44 | 2022-06-11-26 | University of Delaware | The Foundation for Renewable Energy and Environment (FREE) Graduate Assistantship  | \$0         | \$0 | \$5,280   |
| 45 | 2022-06-11-27 | University of Delaware | RII Track-4: NSF: Develop a Generic Framework to Couple Agent-Based Behavioral Models with Physics-Based Water Models for Socio-Hydrologic Studies               | \$193,248   | \$0 | \$0       |
| 46 | 2022-06-11-28 | University of Delaware | UMaine Northeastern Regional Center NPDN 2022-2026- DE   | \$0         | \$0 | \$109,083 |
| 47 | 2022-06-11-29 | University of Delaware | Graduate Stipend Support for the Winterthur/University of Delaware Program in Art Conservation   | \$350,000   | \$0 | \$0       |
| 48 | 2022-06-11-30 | University of Delaware | Collaborative Research:SWIFT:AI/ML-Powered Trustworthy Dynamic Spectrum Sharing  | \$164,973   | \$0 | \$0       |
| 49 | 2022-06-11-31 | University of Delaware | Electromagnetic Material Characterization System for the Development of Novel Multifunctional Composites   | \$292,500   | \$0 | \$0       |
| 50 | 2022-06-11-32 | University of Delaware | Assessing the Effectiveness of Marketing Strategies of Native Plants   | \$0         | \$0 | \$6,500   |
| 51 | 2022-06-11-33 | University of Delaware | In-Situ Probing of Device-Specific Optoelectronic Material Responses in Large-Scale Active Integrated Photonic Devices   | \$66,576    | \$0 | \$0       |
| 52 | 2022-06-11-34 | University of Delaware | Identifying the Optimal Patient-Specific Dynamic Ankle-Foot Orthosis Bending Stiffness in an Evidence-Based Manner that can be Implemented by Clinical Providers | \$226,600   | \$0 | \$0       |
| 53 | 2022-06-11-35 | University of Delaware | Spatially Resolved Micro-Spectrometer for Hybrid Integrated Photonic Materials   | \$66,576    | \$0 | \$0       |
| 54 | 2022-06-11-36 | University of Delaware | Analysis of Printed Textiles: Nondestructively Exploring the Dyes - Substrate Interface  | \$69,525    | \$0 | \$0       |
| 55 | 2022-06-11-37 | University of Delaware | Intrinsically Disordered Selenoproteins: Synergistic Roles and Individual Functions  | \$1,530,000 | \$0 | \$0       |
| 56 | 2022-06-11-38 | University of Delaware | MT CUBA/TIDES Grassroots Conservation with Keystone Plants   | \$0         | \$0 | \$50,000  |
| 57 | 2022-06-11-39 | University of Delaware | Enhancing the Quality of Kindergarten Services   | \$0         | \$0 | \$30,000  |
| 58 | 2022-06-11-40 | University of Delaware | Probing the Unique Attributes of the Naive Reservoir   | \$0         | \$0 | \$349,995 |

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|----|---------------|------------------------|---|-------------|-----|-------------|
| 59 | 2022-06-11-41 | University of Delaware | Collaborative Research: Edge FGT: Establishing Functional Genomics in Anaerobic Fungi for Applications in Agriculture, Sustainability, and Carbon Cycling | \$6,000     | \$0 | \$0         |
| 60 | 2022-06-11-42 | University of Delaware | Initial Design-Build of the Securing American Biomanufacturing Research and Education Center (SABRE Center)   | \$5,000,000 | \$0 | \$0         |
| 61 | 2022-06-11-43 | University of Delaware | Runoff Risk V3.0 Assessment   | \$32,207    | \$0 | \$0         |
| 62 | 2022-06-11-44 | University of Delaware | The Special Initiative on Offshore Wind   | \$0         | \$0 | \$23,437    |
| 63 | 2022-06-11-45 | University of Delaware | A Patient-Centered Approach to Interdisciplinary, Team-Based Concussion Care  | \$0         | \$0 | \$79,061    |
| 64 | 2022-06-11-46 | University of Delaware | Structural and Functional Analysis of ABCA4 Variants to Determine Pathogenicity and Prognosis of Inherited Retinal Degenerative Diseases                  | \$1,250,000 | \$0 | \$0         |
| 65 | 2022-06-11-47 | University of Delaware | Development of a Novel Clinical Measure for Evaluating Hip Muscle Function in Service Members, Veterans, and Civilians Living with Lower Limb Amputation  | \$0         | \$0 | \$295,102   |
| 66 | 2022-06-11-48 | University of Delaware | Theme 3: AI Institute for Coastal-Smart Digital Agriculture   | \$0         | \$0 | \$4,200,009 |
| 67 | 2022-06-11-49 | University of Delaware | Mode of Action and Target Site Toxicity Model Evaluation for PFAS and Hydraulic Fracking Compounds Journal Manuscript                                     | \$0         | \$0 | \$46,875    |
| 68 | 2022-06-11-50 | University of Delaware | Enhanced Recycling of Rare-Earth Elements Through Formation of High-Temperature Sulfate Liquids: Towards More Circular Metal Extraction Pathways          | \$1,242,863 | \$0 | \$0         |
| 69 | 2022-06-11-51 | University of Delaware | Probing Nano/Bio Interactions to Understand and Overcome Biological Barriers Limiting Nanomedicine  | \$2,400,000 | \$0 | \$0         |
| 70 | 2022-06-11-52 | University of Delaware | NSF Convergence Accelerator Track E: Convergence Towards Nationwide Smart Precision Aquaculture Networks for Sustainable Shellfish Farming                | \$0         | \$0 | \$193,777   |
| 71 | 2022-06-11-53 | University of Delaware | Formulation and Evaluation of Biomass-Derived Polymers for High-Performance Applications  | \$1,098,750 | \$0 | \$0         |
| 72 | 2022-06-11-54 | University of Delaware | Megawatt Charging System AnI  | \$0         | \$0 | \$100,064   |
| 73 | 2022-06-11-55 | University of Delaware | Department of Health and Human Services New Directions Early Head Start Year 26   | \$2,656,262 | \$0 | \$0         |
| 74 | 2022-06-11-56 | University of Delaware | Collaboration to Improve Breathing Devices for South Africa   | \$0         | \$0 | \$13,000    |
| 75 | 2022-06-11-57 | University of Delaware | Improving Hydration and Safety in the Fire Service with a Novel, Firefighter Hydration Monitoring System  | \$0         | \$0 | \$915,305   |
| 76 | 2022-06-11-58 | University of Delaware | Data Collaborations to Support an Equitable and Sustainable Blue Economy  | \$0         | \$0 | \$78,125    |
| 77 | 2022-06-11-59 | University of Delaware | Evolution of Host Specificity in Malaria Parasites of Birds   | \$689,297   | \$0 | \$0         |
| 78 | 2022-06-11-60 | University of Delaware | Harnessing Plant Growth Promoting Rhizobacteria to Modulate Soil Water Retention to Improve Drought Tolerance in Plants.                                  | \$427,013   | \$0 | \$0         |
| 79 | 2022-06-11-61 | University of Delaware | The Effects on Children and Parents of Educating Parents About Ways to Play with Babies   | \$0         | \$0 | \$10,000    |
| 80 | 2022-06-11-62 | University of Delaware | Department of Health and Human Services New Directions Early Head Start Year 26   | \$73,663    | \$0 | \$0         |
| 81 | 2022-06-11-63 | University of Delaware | Multisensory Control of Balance During Walking in Parkinson's Disease   | \$1,296,603 | \$0 | \$0         |
| 82 | 2022-06-11-64 | University of Delaware | Avoiding Cesarean-Induced Obesity Through Hormone Rescue  | \$1,270,535 | \$0 | \$0         |
| 83 | 2022-06-11-65 | University of Delaware | Innovation Framework Agreement  | \$0         | \$0 | \$29,998    |
| 84 | 2022-06-11-66 | University of Delaware | Elucidating the Origin of Sudden Cardiac Death in Dilated Cardiomyopathy: from Phenotype Predictors to Therapeutic Targets                                | \$0         | \$0 | \$150,000   |
| 85 | 2022-06-11-67 | University of Delaware | Enhancing Soldier Performance and Protection to Defeat Evolving Threats   | \$0         | \$0 | \$4,713,226 |
| 86 | 2022-06-11-68 | University of Delaware | Chemosensitization of KMT2A Rearranged Pediatric AML  | \$0         | \$0 | \$114,660   |
| 87 | 2022-06-11-69 | University of Delaware | Project ABLE - Igniting a Blue Economy Tech Center in Sussex County   | \$1,146,994 | \$0 | \$0         |
| 88 | 2022-06-11-70 | University of Delaware | Increase the Capacity of Service Providers to Address Stress and Mental Health Needs Among Northeast Farming Communities.                                 | \$0         | \$0 | \$10,908    |
| 89 | 2022-06-11-71 | University of Delaware | Suction-Based Transcutaneous Nucleic-Acid Delivery Platform: Mechanisms and Optimization  | \$0         | \$0 | \$280,000   |
| 90 | 2022-06-11-72 | University of Delaware | Assessing Health Effects of the Disaster of 2021 Texas Severe Winter Storms on Morbidity and Mortality  | \$0         | \$0 | \$120,688   |
| 91 | 2022-06-11-73 | University of Delaware | Investigating the Role of ECM Stiffness and Renal Interstitial Cell Patterning During Nephron Differentiation in the Embryonic Mouse Kidney               | \$0         | \$0 | \$830,000   |
| 92 | 2022-06-11-74 | University of Delaware | Spatial Prioritization of Avian Migratory Stopover Sites in Minnesota   | \$0         | \$0 | \$78,789    |
| 93 | 2022-06-11-75 | University of Delaware | Everyday Quality (EDQ): Building a Practical Toolkit for Continuous Quality Improvement in Family Child Care  | \$0         | \$0 | \$197,763   |

|     |               |                        |   |             |     |           |
|-----|---------------|------------------------|---|-------------|-----|-----------|
| 94  | 2022-06-11-76 | University of Delaware | The Rubin Observatory Construction Project  | \$0         | \$0 | \$84,737  |
| 95  | 2022-06-11-77 | University of Delaware | Benchmarking Track Inspection Efficacy with Regard to Track Caused Derailments with Case Studies  | \$192,558   | \$0 | \$0       |
| 96  | 2022-06-11-78 | University of Delaware | Compact W-Band Imagers for IED Detection Using BiCMOS Integrated Circuits and Additively Fabricated Metaoptics  | \$2,206,557 | \$0 | \$0       |
| 97  | 2022-06-11-79 | University of Delaware | Novel High-Energy-Density Lithium-(Oxygen+Carbon Dioxide) Reserve Batteries   | \$0         | \$0 | \$21,625  |
| 98  | 2022-06-11-80 | University of Delaware | Development of Innovative Technologies and Strategies to Mitigate Biological, Chemical, Physical, and Environmental Threats to Food Safety                                  | \$0         | \$0 | \$79,167  |
| 99  | 2022-06-11-81 | University of Delaware | CAREER: Design and Processing of Moisture- Responsive 3D Knitted Structures with Adaptable Mechanical Performance   | \$401,447   | \$0 | \$0       |
| 100 | 2022-06-11-82 | University of Delaware | Collaborative Research: SaTC: Core: Small: Investigation of Naming Space Hijacking Threat and its Defense   | \$195,528   | \$0 | \$0       |
| 101 | 2022-06-11-83 | University of Delaware | Study of the U.S. Institutes for Young Women Leaders  | \$0         | \$0 | \$210,409 |
| 102 | 2022-06-11-84 | University of Delaware | Clean Hydrogen Partnership  | \$6,716,559 | \$0 | \$0       |
| 103 | 2022-06-11-85 | University of Delaware | HIST/JWST 254: The Jewish Holocaust   | \$0         | \$0 | \$13,000  |
| 104 | 2022-06-11-86 | University of Delaware | Longitudinal Structural-Functional Brain Mapping in Epilepsy Patients Selected for Laser Interstitial Thermal Therapy   | \$0         | \$0 | \$225,000 |
| 105 | 2022-06-11-87 | University of Delaware | The Longitudinal Relationship of Sedentary Behavior with Health Outcomes in a Community-Based Cohort: The Johnston County Health Study                                      | \$3,051,546 | \$0 | \$0       |
| 106 | 2022-06-11-88 | University of Delaware | Tablet-Based "Apps" for Functional Assessment of the Upper Limb After Stroke  | \$275,000   | \$0 | \$0       |
| 107 | 2022-06-11-89 | University of Delaware | Advanced Lithium-Sulfur Batteries with Superhigh Areal Capacity   | \$0         | \$0 | \$35,809  |
| 108 | 2022-06-11-90 | University of Delaware | Equitable, Climate-Resilient Decarbonization of the Philadelphia-Newark Metropolitan Region Via District-Scale Energy Innovations, Forest- and Farm-Circular Economy        | \$0         | \$0 | \$306,981 |
| 109 | 2022-06-11-91 | University of Delaware | Understanding Sex Differences in Traumatic Stress Reactivity  | \$1,557,142 | \$0 | \$0       |
| 110 | 2022-06-11-92 | University of Delaware | A Wearable and Wirelessly-Powered System for Therapeutic Alternating Electric Field Application in Rodents  | \$0         | \$0 | \$74,055  |
| 111 | 2022-06-11-93 | University of Delaware | Professional Development to Foster Effectiveness of the Leadership Team at JE Moss Elementary School  | \$0         | \$0 | \$5,661   |
| 112 | 2022-06-11-94 | University of Delaware | University of Delaware Upward Bound Math & Science Program  | \$313,778   | \$0 | \$0       |
| 113 | 2022-06-11-95 | University of Delaware | Next Generation MRI Scanner for Biomedical and Brain Research   | \$2,000,000 | \$0 | \$0       |
| 114 | 2022-06-11-96 | University of Delaware | Radio America Production of Educational Audio and Video Features for the Center for Economic Educations & Entrepreneurship  | \$0         | \$0 | \$71,945  |
| 115 | 2022-06-11-97 | University of Delaware | High-Intensity Interval Training to Recover Walking Post-Stroke: HIT-Stroke Trial 2   | \$0         | \$0 | \$743,550 |
| 116 | 2022-06-11-98 | University of Delaware | Collaborative Research: SHF: Medium: Practical and Rigorous Correctness Checking and Correctness Preservation for Irregular Parallel Programs                               | \$8,000     | \$0 | \$0       |
| 117 | 2022-06-11-99 | University of Delaware | Regulating Multiple ER/SR Complexes by Targeting Cardiac Hsp90 $\alpha$   | \$2,000,000 | \$0 | \$0       |
| 118 | 2022-06-12-01 | University of Delaware | A Customized, Wearable Hydration Monitor for Older Adults   | \$275,000   | \$0 | \$0       |
| 119 | 2022-06-12-02 | University of Delaware | Expandqise: Track 1: Development of ER-Doped Semiconductor Nanophotonics to Realize Optoelectronic Capabilities for Quantum Information Applications at Telecom Wavelengths | \$0         | \$0 | \$134,938 |

6/16/2022

Stacy Norland is inviting you to a scheduled Zoom meeting.

Topic: DSCC Meeting June 27, 2022

Time: Jun 27, 2022 09:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/83088589589?pwd=MTBBSL1o5VzhKU29UWXA0bHZEcjZldz09>

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