

**Delaware State Clearinghouse Committee**  
**January Agenda**  
Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901  
January 17, 2023 @ 10:00am

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
<b>New Business*</b>									
1	<a href="#">5686</a>	Executive, Criminal Justice, Criminal Justice Council	Comprehensive Opioid Abuse Programs Continuation and Positions Request	\$4,448,715	\$0	\$0	2.00	0.00	0.00
2	<a href="#">5708</a>	Department of State, Libraries	AmeriCorps Volunteers In Service to America (VISTA)	\$15,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">5646</a>	Department of Health and Social Services, Division of Public Health, Community Services	Genomic Surveillance of SARS CoV-2 - Subaward from the University of Delaware	\$300,000	\$0	\$0	0.00	0.00	0.00
4	<a href="#">5705</a>	Department of Health and Social Services, Division of Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title XX Ombudsman Program - ARP COVID-19	\$89,550	\$0	\$0	0.00	0.00	0.00
5	<a href="#">5698</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Georgetown North Groundwater Operable Unit 1 and Switch Fund	\$25,000	\$0	\$0	0.19	0.00	0.00
6	<a href="#">5706</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Conservation Assistance Program - IJJA	\$1,000,000	\$0	\$136,500	0.00	0.00	0.00
7	<a href="#">5710</a>	Delaware National Guard	Air National Guard Main Gate Complex (MILCON)	\$5,607,000	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">5693</a>	Executive, Criminal Justice, Criminal Justice Council	John R. Justice Grant	\$65,784	\$0	\$0	0.07	0.00	0.00
2	<a href="#">5694</a>	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$188,320	\$62,773	\$0	0.21	0.05	0.00
3	<a href="#">5719</a>	Executive, Criminal Justice, Criminal Justice Council	Childrens Justice Act Grant	\$89,546	\$0	\$0	0.00	0.00	0.00
4	<a href="#">5629</a>	Department of Health and Social Services, Public Health, Office of Emergency Medical Services	Emergency Medical Services for Children Partnership	\$205,000	\$20,967	\$0	0.00	0.20	0.00
5	<a href="#">5663</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children (WIC) Farmers' Market Nutrition Program - Admin	\$65,803	\$21,023	\$0	0.00	0.34	0.00
6	<a href="#">5664</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children (WIC) Farmers' Market Nutrition Program - Food	\$321,276	\$0	\$0	0.00	0.00	0.00
7	<a href="#">5681</a>	Department of Health and Social Services, State Service Centers	Commission Support Grant	\$290,000	\$394,664	\$0	2.75	5.10	0.00
8	<a href="#">5689</a>	Department of Health and Social Services, State Service Centers	AmeriCorps State Competitive	\$134,382	\$0	\$150,283	0.00	0.00	0.00
9	<a href="#">5707</a>	Department of Services for Children, Youth and Their Families, Prevention and Behavioral Health Services, Prevention/Early Intervention	Delaware Child Psychiatry Access Program	\$300,000	\$60,000	\$0	0.00	0.00	0.00
10	<a href="#">5695</a>	Department of Natural Resources and Environmental Control Office of Natural Resources, Fish and Wildlife	F-42-R-31 Coastal Finfish Assessment Survey	\$853,102	\$284,368	\$0	0.95	0.86	0.00
11	<a href="#">5696</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	F-41-R-31 Freshwater Fisheries Management Program	\$330,217	\$110,069	\$0	0.37	0.17	0.00
12	<a href="#">5700</a>	Department of Natural Resources and Environmental Control Office of Natural Resources, Fish and Wildlife	F-48-D-27 Delaware's Artificial Reef Program	\$3,067,725	\$1,022,575	\$0	0.28	0.01	0.00
13	<a href="#">5711</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 154 Sanction Grant	\$1,426,127	\$0	\$0	0.00	0.00	0.00
14	<a href="#">5666</a>	Department of Transportation, Planning	High Priority Innovative Technology Deployment	\$593,777	\$0	\$0	0.00	0.00	0.00
15	<a href="#">5692</a>	Department of Education, Office of Early Learning	Head Start Collaboration Grant	\$125,000	\$31,375	\$0	0.75	0.25	0.00

\*New Business requires the attendance of the Contact Person.  
Available on the internet at <http://budget.delaware.gov/clearinghouse/abm.shtml>

16	<a href="#">5734</a>	Department of Education, Early Childhood Support	Preschool Development Grant	\$8,000,000	\$2,400,000	\$0	0.00	0.00	0.00
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**Higher Education**

1	2023-01-07-01	University of Delaware	Supplement to Producing Natural Resource Evaluation and a Management Plan for Mispillion and Cedar Creek	\$0	\$0	\$2,529			
2	2023-01-07-02	University of Delaware	Collaborative Research: Elements: Cyber-Infrastructure for Sustainable Digital Manufacturing Innovations	\$192,633	\$0	\$0			
3	2023-01-07-03	University of Delaware	Selectivity, Structure, and Functional Impacts of tRNA Methyltransferases TRMT1 and TRMT1L	\$67,365	\$0	\$0			
4	2023-01-07-04	University of Delaware	Democratic Dividends in Africa: A Comparative Study of South Africa and Ghana	\$0	\$0	\$1,552			
5	2023-01-07-05	University of Delaware	Development of Low-Carbon Recyclable Flax Fiber Reinforced Polymer (FFRP) Composites for Transportation Infrastructure Applications	\$649,060	\$0	\$0			
6	2023-01-07-06	University of Delaware	Collaborative Research: WoU-MMA: Neutrino and Cosmic Ray Astrophysics with ARA and Understanding Polar Ice to Inform IceCube-Gen2	\$168,812	\$0	\$0			
7	2023-01-07-07	University of Delaware	Semantic Aware State Estimation on Monocular AR Devices	\$0	\$0	\$160,000			
8	2023-01-07-08	University of Delaware	Chemical Immunology of the Mycobacterial Cell Envelope	\$0	\$0	\$496,213			
9	2023-01-07-09	University of Delaware	Determining the Molecular Mechanisms of HIV-1 Maturation	\$2,500,000	\$0	\$0			
10	2023-01-07-10	University of Delaware	B-007: Potential Flight Risk: Role of Plant Innate Defense Response Under Altered Gravity Conditions	\$67,280	\$0	\$0			
11	2023-01-07-11	University of Delaware	Deciphering the Role of Sex as a Biological Variable in the Pathogenesis of Pulmonary Hypertension in Congenital Diaphragmatic Hernia	\$0	\$0	\$399,964			
12	2023-01-07-12	University of Delaware	Intelligent Fertilizer for Dual Benefits: Improved Yield and Reduced Leaching of Phosphorus	\$0	\$0	\$24,881			
13	2023-01-07-13	University of Delaware	A Dual Function Biochar for Improved Soybean Yield and Reduced Leaching of Phosphorus	\$0	\$0	\$20,775			
14	2023-01-07-14	University of Delaware	Experimental Seagrass Restoration in the Delaware Inland Bays	\$0	\$0	\$6,305			
15	2023-01-07-15	University of Delaware	Chemical Recycling of Waste Polymers to Eco-Friendly Materials	\$0	\$0	\$180,000			
16	2023-01-07-16	University of Delaware	Development of an Efficient 18F Labeling Technology Based on Tetrazine Trans-Cyclooctene Ligation	\$0	\$0	\$587,343			
17	2023-01-07-17	University of Delaware	CFSRPES - Value Added Systems and Technology	\$0	\$0	\$14,536			
18	2023-01-07-18	University of Delaware	P-001:High Temperature GaN Transistors Using TiAlO Gate Dielectric for Venus Long-Duration Surface Electronic Systems	\$67,818	\$0	\$0			
19	2023-01-07-19	University of Delaware	Modeling Recovery of Sepsis-Induced Cardiomyopathy	\$148,248	\$0	\$0			
20	2023-01-07-20	University of Delaware	Increasing IDeA State Biomedical Entrepreneurship Via Ecosystem, Enterprises & Experts	\$0	\$0	\$614,205			
21	2023-01-07-21	University of Delaware	Evaluating Common Preemergence Herbicides for Relative Crop Safety	\$0	\$0	\$16,812			
22	2023-01-07-22	University of Delaware	MW-Assisted Catalysis for Hydrogen and Syngas	\$502,746	\$0	\$0			
23	2023-01-07-23	University of Delaware	Continued Assessment of Soybean Foliar Fungicide Efficacy when Applied Through Irrigation	\$0	\$0	\$9,494			
24	2023-01-07-24	University of Delaware	Quantifying Crop Biomechanics Across Plant Lifespans	\$13,515	\$0	\$0			

25	2023-01-07-25	University of Delaware	Use CottonWorks as an Open Educational Resource for Global Sourcing Class	\$0	\$0	\$9,276
26	2023-01-07-26	University of Delaware	"CO2 Refinery" Through Low Temperature Electrocatalysis	\$0	\$0	\$676,992
27	2023-01-07-27	University of Delaware	MOZA - Biologically-Informed Uncrewed Underwater Vehicles	\$0	\$0	\$372,811
28	2023-01-07-28	University of Delaware	C-001: RMAF Softgoods Repair Lab	\$92,529	\$0	\$0
29	2023-01-07-29	University of Delaware	Plaque Removal and De-Stiffening of Artery Using Microrobots	\$0	\$0	\$50,000
30	2023-01-07-30	University of Delaware	UPITT/NIDA Equity and Quality Improvement for Medicaid Policy (MODRN-EQUIP)	\$0	\$0	\$128,180
31	2023-01-07-31	University of Delaware	A Cheap, Scalable, and Portable Sensor for Monitoring Red Blood Cell Damage	\$0	\$0	\$606,293
32	2023-01-07-32	University of Delaware	A Fast and Energy-Efficient Composite 3D Printer for Lightweight Structural Components	\$0	\$0	\$614,118
33	2023-01-07-33	University of Delaware	A Porcine Model for Investigating Unexplained Early Pregnancy Loss	\$1,737,430	\$0	\$0
34	2023-01-07-34	University of Delaware	Project Nutrihome: Scaling the Commercialization and Household Consumption of Vitamin A Cassava in Nigeria Through Women and Youth Engagement	\$0	\$0	\$546,882
35	2023-01-07-35	University of Delaware	SaTC: CORE: Small: Collaborative: Hardware-Assisted Plausibly Deniable System for Mobile Devices	\$96,793	\$0	\$0
36	2023-01-07-36	University of Delaware	Spintronics with Antiferromagnetic Magnons in Synthetic and Van Der Waals Antiferromagnets	\$326,578	\$0	\$0
37	2023-01-07-37	University of Delaware	INTERN/PFI:TT: Next Generation Hybrid Solar Cells Enabling Lower Cost, Safe, and Environmentally Friendly Floating Photovoltaic Installations	\$35,239	\$0	\$0
38	2023-01-07-38	University of Delaware	Collaborative Research: SHF: Medium: Multi-Level Distributed Graph Neural Network Processing	\$391,487	\$0	\$0
39	2023-01-07-39	University of Delaware	Enhancing the Chemical Durability of Proton Exchange Membranes and Development of Testing Protocols	\$0	\$0	\$19,531
40	2023-01-07-40	University of Delaware	NSF Engines: Type-2: MOCEAN: Accelerating a Just Energy Transition While Nurturing Healthy Oceans and New Blue Economies Through Innovative Nature-Inclusive Offshore Wind Farms	\$0	\$0	\$200,437
41	2023-01-07-41	University of Delaware	FET: Medium: Hybrid Photonic Accelerator for Neuromorphic Computing	\$1,060,498	\$0	\$0
42	2023-01-07-42	University of Delaware	Training in the American Relief Plan Professional Learning Community	\$0	\$0	\$59,858
43	2023-01-07-43	University of Delaware	Carbon Monoxide Electrochemical Conversion to High-Value Products as a Platform for Utilization of Industrial Waste Gases	\$0	\$0	\$532,871
44	2023-01-07-44	University of Delaware	Poetry as Activism	\$0	\$0	\$250,000
45	2023-01-07-45	University of Delaware	New Castle County 4-H Afterschool at Edgemoor and Redding Middle School/Middletown	\$0	\$0	\$66,394
46	2023-01-07-46	University of Delaware	PFI:BIC - ASPIRE: Hierarchical Control of a Smart Ankle-Foot Prosthesis That Supports Increased Mobility for Real-Life Activities	\$130,281	\$0	\$0
47	2023-01-07-47	University of Delaware	Faculty Fellowship Service Agreement	\$0	\$0	\$28,000
48	2023-01-07-48	University of Delaware	NIHHS-CAPA Urban Heat Island Mapping Campaign	\$0	\$0	\$0
49	2023-01-07-49	University of Delaware	Assessment of New Composite Ties	\$0	\$0	\$46,169
50	2023-01-07-50	University of Delaware	The Dynamic Process Tracing Environment: Revitalizing Infrastructure for Decision Making Research in the Social Sciences	\$424,931	\$0	\$0

51	2023-01-07-51	University of Delaware	Marriage Market Effects of Strengthening Female Inheritance Rights in Pakistan	\$70,941	\$0	\$0
52	2023-01-07-52	University of Delaware	Collaborative: Post Disaster Housing Recovery: It's About Time	\$135,212	\$0	\$0
53	2023-01-07-53	University of Delaware	Senators' Papers Preservation Partnership	\$916,420	\$0	\$0
54	2023-01-07-54	University of Delaware	First Principles HPM Effectiveness High Power Microwave Technologies	\$0	\$0	\$193,128
55	2023-01-07-55	University of Delaware	Mineral-Fluid Interactions: Synchrotron Radiation Studies	\$0	\$0	\$23,391
56	2023-01-07-56	University of Delaware	Field Campaign in Eastern Kazakhstan for Wind Energy Resource Assessment	\$0	\$0	\$15,000
57	2023-01-07-57	University of Delaware	Access and Success in STEM Disciplines: The Effects of Exposure to Data-Driven Math Courses During High School	\$0	\$0	\$34,999
58	2023-01-07-58	University of Delaware	Evaluation and Control of Emissions from MSW Landfills: Direct Measurement and Modeling	\$888,533	\$0	\$0
59	2023-01-07-59	University of Delaware	Fabrication and Characterization of Liquid Chromatography Stationary Phases	\$0	\$0	\$50,690
60	2023-01-07-60	University of Delaware	A Systems-Based Optimization Framework for Pharmaceutical Energy and Performance Metrics	\$0	\$0	\$40,255
61	2023-01-07-61	University of Delaware	Advanced MOF-Based Adsorption Technology for Ethylene/Ethane	\$0	\$0	\$250,001
62	2023-01-07-62	University of Delaware	Expanding Equitable Nurse Educator Opportunities in Delaware (E-NOD)	\$2,803,286	\$0	\$0
63	2023-01-07-63	University of Delaware	Epigenetic Dysregulation in Spastic Cerebral Palsy	\$0	\$0	\$26,630
64	2023-01-07-64	University of Delaware	Geologic Map of the Kenton Quadrangle, Delaware #1	\$167,700	\$0	\$0
65	2023-01-07-65	University of Delaware	Decarbonizing Light Olefin Production Using Advanced Electromagnetic Reactors	\$0	\$0	\$751,857
66	2023-01-07-66	University of Delaware	PTFE Binder for Solvent-Less Coated All-PTFE-Bound Solid-State Batteries	\$0	\$0	\$93,641
67	2023-01-07-67	University of Delaware	Measuring Sustainability in Mozambique: Filling the Data Gap	\$0	\$0	\$22,329
68	2023-01-07-68	University of Delaware	High Efficiency Power Amplifiers with AlN-All-Around GaN-on-Si High Electron Mobility Transistors	\$1,229,375	\$0	\$0
69	2023-01-07-69	University of Delaware	The Effect of Vitamin D Supplementation on Nocturnal Blood Pressure and Sleep in Black Women	\$0	\$0	\$9,166
70	2023-01-07-70	University of Delaware	Mid-Scale RI-1 Consortium (M1:IP): Network for Ultrahigh Field NMR and DNP	\$19,999,950	\$0	\$0
71	2023-01-07-71	University of Delaware	Predictions of Properties of Matter Using Physics-Based Force Fields Derived From First Principles	\$537,352	\$0	\$0
72	2023-01-07-72	University of Delaware	MT CUBA/TIDES Grassroots Conservation with Keystone Plants	\$0	\$0	\$25,000
73	2019-07-13-05 Amendment	Delaware State University	At-19-06A- Understanding of Atlantic Sturgeon Migratory Patterns: Integrating Telemetry and Genetics- 2020	\$104,800	\$0	\$0
74	2023-01-14-01	Delaware State University	Empowering the Next Generation of Genomics-Savvy Minority Scientists in Plant and Food Sciences Using Next-Generation Sequencing (NGS) and Biotechnology.	\$4,999,908	\$0	\$0
75	2023-01-14-02	Delaware State University	Leveraging Multi-Institutional Resources to Train the Next Gen of Food, Agriculture, Natural Resource and Human Sciences (FANH) Workforce	\$9,999,981	\$0	\$0
76	2023-01-14-03	Delaware State University	Renewal of Delaware Center for Neuroscience Research-3P20GM103653-10S2	\$552,317	\$0	\$0

77 2023-01-14-04 Delaware State University

Title III, Part B, Historically Black Colleges and Universities Program--Grant  
Years 2022 - 2027 (HBCU)

\$21,246,540

\$0

\$0

01/05/2023

Join Zoom Meeting

<https://us02web.zoom.us/j/89687425103?pwd=SGFMOWNDV1JOc3BMd1NMQ2NsWE1Mdz09>

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