

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
New Business*									
1	5686	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	5708	Department of State, Libraries	AmeriCorps Volunteers In Service to America (VISTA)	\$15,000	\$0	\$0	0.00	0.00	0.00
3	5646	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	5705	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	5698	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	5706	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	5710	Delaware National Guard	Air National Guard Main Gate Complex (MILCON)	\$5,607,000	\$0	\$0	0.00	0.00	0.00
Continued									
1	5693	Executive, Criminal Justice, Criminal Justice Council	John R. Justice Grant	\$65,784	\$0	\$0	0.07	0.00	0.00
2	5694	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$188,320	\$62,773	\$0	0.21	0.05	0.00
3	5719	Executive, Criminal Justice, Criminal Justice Council	Childrens Justice Act Grant	\$89,546	\$0	\$0	0.00	0.00	0.00
4	5629	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	5663	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	5664	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	5681	Department of Health and Social Services, State Service Centers	Commission Support Grant	\$290,000	\$394,664	\$0	2.75	5.10	0.00
8	5689	Department of Health and Social Services, State Service Centers	AmeriCorps State Competitive	\$134,382	\$0	\$150,283	0.00	0.00	0.00
9	5707	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	5695	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	5696	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	5700	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	5711	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	5666	Department of Transportation, Planning	High Priority Innovative Technology Deployment	\$593,777	\$0	\$0	0.00	0.00	0.00
15	5692	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	5734	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	NIHHIS-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
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01/05/2023

Delaware State Clearinghouse Committee
Revised February Agenda
Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
February 28, 2023 @ 10:00am

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
New Business*									
1	5735	Judicial, Office of the State Court Administrator	Judicial Branch Strategic Campaign	\$50,000	\$25,000	\$0	0.00	0.10	0.00
2	5752	Department of Health and Social Services, Division of Substance Abuse and Mental Health	Bipartisan Safer Communities Act (BSCA) Center for Mental Health Block Grant	\$165,859	\$0	\$0	0.00	0.00	0.00
3	5777	Department of Health and Social Services, Medicaid and Medical Assistance	Strengthening and Investing in Home and Community Based Services for Medicaid Beneficiaries - ARP COVID-19	\$52,738,591	\$0	\$0	0.00	0.00	0.00
4	5716	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Lums Pond Cabins	\$4,100,000	\$4,112,300	\$0	0.00	0.00	0.00
5	5743	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	State and Local Cybersecurity Grant Program - IIJA	\$2,224,644	\$247,183	\$0	0.00	0.00	0.00
6	5736	Department of Agriculture, Forest Service	State Fire Assistance - IIJA	\$48,640	\$0	\$0	0.00	0.00	0.00
7	5649	Department of Education, Student Support	Title IV Stronger Connections Grant (BSCA)	\$4,833,025	\$0	\$0	0.00	0.00	0.00
8	5718	First State Military Academy	Rural Education Achievement Grant	\$31,942	\$0	\$0	0.00	0.00	0.00
9	5785	Polytech School District, Adult Education	Community Projects Adult Education Transportation and Logistics	\$800,000	\$0	\$0	0.00	0.00	0.00
Continued									
1	5279	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Assistance Grant	\$3,504,486	\$40,302	\$793,513	4.10	0.00	0.00
2	5239 Amendment	Department of Health and Social Services, Social Services	Refugee Cash and Medical Assistance Program	\$158,347	\$0	\$0	0.00	0.00	0.00
3	5330 Amendment <small>now 5810</small>	Department of Health and Social Services, Division of Substance Abuse and Mental Health	988 Cooperative Agreement	\$458,333	\$0	\$0	0.00	0.00	0.00
4	5674	Department of Health and Social Services, Public Health, Community Health	Personal Responsibility Education Program	\$250,000	\$0	\$0	0.00	0.00	0.00
5	5677	Department of Health and Social Services, Public Health, Community Health	Clinical Laboratory Improvement Amendments	\$54,910	\$53,908	\$0	0.48	0.52	0.00
6	5685	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare & Medicaid Services Survey and Certification Hospice	\$21,529	\$0	\$0	0.06	0.00	0.00
7	5745	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Mental Health Awareness Training Grant	\$250,000	\$0	\$0	0.00	0.00	0.00
8	5737	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Adoption Incentive Payment Program	\$202,500	\$0	\$0	0.00	0.00	0.00
9	5732	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	\$1,809,255	\$95,224	\$0	7.30	0.30	0.00
10	5714	Department of Labor, Office of Occupational and Labor Market Information	Workforce Information Grant	\$301,848	\$0	\$0	1.50	0.00	0.00
11	5733	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	\$569,763	\$0	\$0	6.50	0.00	0.00
12	5709	Department of Agriculture, Administration	Senior Farmers' Market Nutrition Program	\$50,000	\$0	\$0	0.00	0.00	0.00
13	5389	Department of Elections, State Election Commissioner	Help America Vote Act Election Security Grant	\$1,000,000	\$200,000	\$0	0.00	0.00	0.00

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Higher Education

1	2023-02-04-01	University of Delaware	A Mesophotic Coral Reef Observatory for Climate Change: Advances Robotics, Sensors, Submersibles, and Cyber-Infrastructure - MESOREEF	\$0	\$0	\$1,181,707
2	2023-02-04-02	University of Delaware	Interplay of Reinforcement-Based and Error-Based Processes on Sensorimotor Exploration and Adaptation	\$397,348	\$0	\$0
3	2023-02-04-03	University of Delaware	Increasing the Throughput of Multi-Material Additive Manufacturing Using Adductive Assembly	\$0	\$0	\$5,000
4	2023-02-04-04	University of Delaware	A Workshop on Cross-Cutting Approaches to Fostering Creativity, Diversity, and Mental Health in Climate Change Research and Education	\$0	\$0	\$31,746
5	2023-02-04-05	University of Delaware	A Consortium for Research on the Neuroscience of Stuttering (ACORNS)	\$0	\$0	\$1,043,770
6	2023-02-04-06	University of Delaware	Metabolic Implications of Altered Thyroid Hormones by Birth Mode	\$0	\$0	\$4,739
7	2023-02-04-07	University of Delaware	Acquisition of Goods and Services	\$31,544	\$0	\$0
8	2023-02-04-08	University of Delaware	Self-Assembled Microstructure Growth In Directing Fields	\$141,538	\$0	\$0
9	2023-02-04-09	University of Delaware	Evaluating the Quality of Evidence on Racial Disproportionality in Special Education	\$0	\$0	\$17,500
10	2023-02-04-10	University of Delaware	Collaborative Research: RII Track-2 FEC: Puerto Rico Ocean Connectivity and Eco-System Study	\$835,266	\$0	\$0
11	2023-02-04-11	University of Delaware	Structural Biology of Second Messenger Signaling in Bacterial Conflict Systems	\$1,575,000	\$0	\$0
12	2023-02-04-12	University of Delaware	Study of the U.S. Institutes for Scholars (SUSI) 2022-2026	\$0	\$0	\$261,863
13	2023-02-04-13	University of Delaware	Democratic Dividends in Africa A Comparative Study of South Africa and Ghana- Application for Hayek Fund Scholarship	\$0	\$0	\$10,800
14	2023-02-04-14	University of Delaware	Wood Duck Nesting and Brood Ecology in the Delmarva Peninsula	\$0	\$0	\$15,000
15	2023-02-04-15	University of Delaware	EHR/ACL Fall Prevention Mineo	\$0	\$0	\$39,588
16	2023-02-04-16	University of Delaware	NDEHS Workforce Development, Retention, and Well-being	\$0	\$0	\$1,000
17	2023-02-04-17	University of Delaware	Predicting Language and Literacy Growth in Children with ASD Using Statistical Learning	\$0	\$0	\$336,301
18	2023-02-04-18	University of Delaware	Massively Systematic Analysis of Mitochondrial Transcription Initiation	\$0	\$0	\$9,756
19	2023-02-04-19	University of Delaware	Providing a Holographic Capability for Slocum Gliders	\$0	\$0	\$16,491
20	2023-02-04-20	University of Delaware	Linking Predator Behavior and Resource Distributions: Penguins-Directed Exploration of an Ecological Hotspot	\$76,160	\$0	\$0
21	2023-02-04-21	University of Delaware	Doctoral Dissertation Research: Examining the Role of Language-Mixing on Word Recognition and Word Learning Across Cultures	\$12,000	\$0	\$0
22	2023-02-04-22	University of Delaware	Collect Carbon-13 Isotope Data to Better Understand Carbon Cycle, Ocean Acidification, and Anthropogenic Carbon Storage in the Western Arctic Ocean	\$590,979	\$0	\$0
23	2023-02-04-23	University of Delaware	NSF Oceanographic Instrumentation CY23	\$36,539	\$0	\$0
24	2023-02-04-24	University of Delaware	Collaborative Research: Help-Seeking Strategies and System Surveillance of Black and Hispanic Women Who Experience Intimate Partner Violence	\$171,411	\$0	\$0
25	2023-02-04-25	University of Delaware	Collaborative Research: ENRICH: Predator Influence on Nutrient Enrichment and Coral Reef Ecosystem Function	\$70,003	\$0	\$0
26	2023-02-04-26	University of Delaware	Microrobots for Monitoring and Treating Sickle-Cell Induced Ischemia	\$0	\$0	\$100,000

27	2023-02-04-27	University of Delaware	BI: LITE-MAR: A Light-Integration Institute for Training and Education in Marine Animal Research	\$0	\$0	\$795,779
28	2023-02-04-28	University of Delaware	Translocation of Bacterial Cell Wall Fragments from Gut to Brain in a Rat Model of Autism Spectrum Disorders	\$0	\$0	\$252,411
29	2023-02-04-29	University of Delaware	Deciphering Protein Ubiquitination with Chemical Biology Tools	\$1,487,755	\$0	\$0
30	2023-02-04-30	University of Delaware	Delaware Geological Survey National Ground Water Monitoring Network 2023 Objectives 2A, 4, 6	\$56,609	\$0	\$0
31	2023-02-04-31	University of Delaware	The CSGrad4US Fellowship Program	\$0	\$0	\$76,372
32	2023-02-04-32	University of Delaware	Reducing Waterfowl and Terrestrial Bird Activity Near Poultry Facilities: Use of a Non-Toxic Chemical Repellent to Create Bird-Free Zones	\$0	\$0	\$105,553
33	2023-02-04-33	University of Delaware	NSF Engines: Type-2: Quantum Dual-Use Innovation, Commercialization & Education (Q-DICE) Engine	\$0	\$0	\$281,175
34	2023-02-04-34	University of Delaware	Technical Services Support for FHWA Long Term Bridge Performance (LTBP) Program	\$1,044,724	\$0	\$0
35	2023-02-04-35	University of Delaware	Spin Transport in Nonrelativistically Spin-Split Antiferromagnets	\$248,926	\$0	\$0
36	2023-02-04-36	University of Delaware	RII Track-2 FEC: Developing Effective Adaptation Strategies to Enhance the Resilience of Farmers Under Changing Climate	\$0	\$0	\$742,090
37	2023-02-04-37	University of Delaware	Collaborative Research: Nd Isotopes and REEs in the North Pacific	\$0	\$0	\$43,729
38	2023-02-04-38	University of Delaware	Zone and Grid Sampling for Soil Texture and Water Available Nutrient Uptake	\$0	\$0	\$11,890
39	2023-02-04-39	University of Delaware	Gulf Research Program Early Career Research Fellowship Human Health and Community Resilience track	\$0	\$0	\$76,000
40	2023-02-04-40	University of Delaware	Search and Documentation in the Marshall Islands 23-3MH	\$0	\$0	\$260,584
41	2023-02-04-41	University of Delaware	Search and Documentation in Denmark 23-2DK	\$0	\$0	\$155,473
42	2023-02-04-42	University of Delaware	Evaluating the Antiviral Properties of Acidifying and Alkalinizing Agents Delivered Via Drinking Water During an Emergency Disease Response	\$0	\$0	\$62,483
43	2023-02-04-43	University of Delaware	Behavior of Monoclonal Antibody and Non-Ionic Surfactant at a Hydrophobic Interface by Small-Angle Neutron Scattering (SANS)	\$0	\$0	\$133,639
44	2023-02-04-44	University of Delaware	Collaborative Proposal: Sea Ice and Ocean Influences on Northern Greenland Warming: Analysis of Air Mass Modification Processes in Historical and Future Climate Scenarios	\$226,481	\$0	\$0
45	2023-02-04-45	University of Delaware	Doctoral Dissertation Research: Differential Object Marking (DOM) in Burmese	\$11,794	\$0	\$0
46	2023-02-04-46	University of Delaware	Alfalfa RNA Sequencing for Full Length Transcripts from 9 Genotypes and 5 Tissue Types	\$30,330	\$0	\$0
47	2023-02-04-47	University of Delaware	Parcells Lab HVT Project - Recombinant Infectious Clone Selection and Vaccine Assessment	\$0	\$0	\$67,376
48	2023-02-04-48	University of Delaware	Threatened Resource Documentation, and Resource Digitization FY 2021	\$0	\$0	\$15,274
49	2023-02-04-49	University of Delaware	Multi-Year, Multi-Partner, Multi-Objective Underwater Innovation Study	\$0	\$0	\$73,261
50	2023-02-04-50	University of Delaware	Identifying and Validating Clinically-Relevant Early Detection Biomarkers for Precision Prevention of Ovarian Cancer	\$1,557,363	\$0	\$0
51	2023-02-04-51	University of Delaware	Building a Community of Intellectual Humility and Discourse in Higher Education	\$0	\$0	\$201,001
52	2023-02-04-52	University of Delaware	TRAP (Thermo-Radiative Assisted Photovoltaic) Cell to Simultaneously Harvest Incoming Solar and Outgoing Thermal Radiation	\$0	\$0	\$200,625

53	2023-02-04-53	University of Delaware	Expanding a Novel Wild Bird Surveillance Tool that Informs Poultry Producers of Avian Influenza Virus Transmission Risk to Domestic Poultry at a Fine Spatiotemporal Scale	\$0	\$0	\$106,254
54	2023-02-04-54	University of Delaware	Understanding and Addressing the Impact of COVID-19 Educational Disruptions on Critical Areas of Students' Mathematics Learning	\$0	\$0	\$256,139
55	2023-02-04-55	University of Delaware	Dissecting the Role of HAX-1 in the Control of Vasomotor Tone	\$2,499,995	\$0	\$0
56	2023-02-04-56	University of Delaware	Engineered Bacteriophage: Consideration for Risk Evaluation and Containment.	\$0	\$0	\$227,491
57	2023-02-04-57	University of Delaware	Creating the Wave Glider Data Assembly Center for the US Integrated Ocean Observing System	\$1,020,188	\$0	\$0
58	2023-02-04-58	University of Delaware	National Sea Grant Extension Program Liaison Intergovernmental Personnel Act (IPA) Opportunity	\$66,814	\$0	\$0
59	2023-02-04-59	University of Delaware	More than Dirt: Soil Health Tradeoffs with Stream and Floodplain Restorations	\$0	\$0	\$195,307
60	2023-02-04-60	University of Delaware	Spring 2023 Professional Development, "Bringing Nature In" for Wilmington Head Start, Inc.	\$0	\$0	\$3,165
61	2023-02-04-61	University of Delaware	Developing Solutions to Economic Losses Caused by Slug Feeding in Soybean	\$0	\$0	\$72,398
62	2023-02-04-62	University of Delaware	Does Music Reduce Cognitive Decline	\$0	\$0	\$449,645
63	2023-02-04-63	University of Delaware	Complex Adaptive Systems in Child and Adolescent Disease (CASCADE) Center	\$0	\$0	\$1,032,654
64	2023-02-04-64	University of Delaware	Transportation Asset Risk and Resilience	\$0	\$0	\$290,213
65	2023-02-04-65	University of Delaware	Collaborative Research: IntBIO: Rules for Cell Membranes in the Extremes of the Deep Sea	\$279,513	\$0	\$0
66	2023-02-04-66	University of Delaware	An Atomically Flat Nanofocusing Platform to Investigate Light-Matter Interactions	\$398,991	\$0	\$0
67	2023-02-04-67	University of Delaware	Collaborative Research: PPOSS: LARGE: Scaling Autonomous Vehicle Systems at the Edge: from On-Board Processing to Cloud Infrastructure	\$403,780	\$0	\$0
68	2023-02-04-68	University of Delaware	Identifying Mechanisms and Pathways of a Parenting Interventions to Reduce Childhood Maltreatment and Support Mental Health in Children Living in Urban Slums in Dhaka. Bangladesh	\$0	\$0	\$122,880
69	2023-02-04-69	University of Delaware	Chemistry-Biology Interface Predoctoral Training Grant 2024-2029	\$2,864,240	\$0	\$0
70	2023-02-04-70	University of Delaware	First Principles HPM Effectiveness High Power Microwave Technologies	\$0	\$0	\$64,220
71	2023-02-04-71	University of Delaware	First Principles HPM Effectiveness High Power Microwave Technologies	\$0	\$0	\$128,909
72	2023-02-04-72	University of Delaware	Tracking and Modeling the Responses of Grassland Microbiomes to Warming and Altered Precipitation	\$0	\$0	\$783,077
73	2023-02-04-73	University of Delaware	Center for Data Science in Biomedicine	\$0	\$0	\$2,736,093
74	2023-02-04-74	University of Delaware	Leveraging Education Networks to Expand Targeted Vector-borne Disease Training, Evaluation, and Partnerships	\$0	\$0	\$733,578
75	2023-02-04-75	University of Delaware	A Plasticity and Reprogramming Paradigm for Therapy Resistance at the Single Cell Level	\$0	\$0	\$38,384
76	2023-02-04-76	University of Delaware	RII Track-2 FEC: Supporting Farming Communities Via Upcycling of Natural Fiber Composites for Climate Neutral and Sustainable Manufacturing	\$4,702,926	\$0	\$0
77	2023-02-04-77	University of Delaware	Novel Bio-Optical Tools for Scaling Up Coral Restoration Practices in Cooperatively Managed Reef Systems in the Pacific	\$0	\$0	\$557,668
78	2023-02-04-78	University of Delaware	Personalized Medicine for NOD2 Associated Crohn's Disease Using Chemical Biology	\$0	\$0	\$347,495

79	2023-02-04-79	University of Delaware	Functional Analytic Methods in Non-Commutative Fourier Analysis and Combinatorics	\$0	\$0	\$35,000
80	2023-02-04-80	University of Delaware	III: Small: Foundations of Query-decision Regression for Social Influence Management	\$351,869	\$0	\$0
81	2023-02-04-81	University of Delaware	Multi-Piece Polynomial Bubble Enriched Divergence-Free Finite Elements	\$0	\$0	\$35,000
82	2023-02-04-82	University of Delaware	Marine Robotic Swarm Technologies for Environmental Monitoring	\$197,763	\$0	\$0
83	2023-02-04-83	University of Delaware	Engineering Aerosol-Immune Interfaces to Study and Improve Respiratory Health	\$0	\$0	\$100,000
84	2023-02-04-84	University of Delaware	Model-Driven Metabolic Control in CHO Cell Perfusion Bioreactors	\$0	\$0	\$126,002
85	2023-02-04-85	University of Delaware	Dissecting Spent Media to Elucidate Components and Mechanisms that Affect Cell Culture Performance	\$0	\$0	\$99,000
86	2023-02-04-86	University of Delaware	Maximizing Yields of AAV and Elucidating the Role of Media Components Through Design and Optimization of AMBIC.293 Media	\$0	\$0	\$45,538
87	2023-02-04-87	University of Delaware	Longitudinal Structural-Functional Brain Mapping in Epilepsy Patients Selected for Laser Interstitial Thermal Therapy	\$0	\$0	\$224,997
88	2023-02-04-88	University of Delaware	Are Spinal Muscle Impairments Predictors of Function in Adults with Limb Loss?	\$1,754,770	\$0	\$0
89	2023-02-04-89	University of Delaware	Feasibility and Acceptance of Early Ambulatory Blood Pressure Monitoring (ABPM) for Enhanced Pediatric Hypertension Diagnosis Within a High Deprivation Community: FABPHD-C	\$179,904	\$0	\$0
90	2023-02-04-90	University of Delaware	Supporting the Economic Resilience and Ecology of Delaware Waterways Through the Creation of a Fisheries & Aquaculture Innovation Center (FAIC)	\$0	\$0	\$200,000
91	2023-02-04-91	University of Delaware	Comparative Effectiveness of Parent Education Programs Aimed at Advancing Motor, Cognitive, and Language Development in Early Childhood	\$2,769,365	\$0	\$0
92	2023-02-04-92	University of Delaware	Nemours Selva Yasemin Kus Suppl	\$0	\$0	\$24,055
93	2023-02-04-93	University of Delaware	NSF Convergence Accelerator Track H: Leveraging Human-Centered AI Microtransit to Ameliorate Spatiotemporal Mismatch Between Housing and Employment for Persons with Disabilities	\$0	\$0	\$99,824
94	2023-02-04-94	University of Delaware	Armor Interferometric Sensor (AIS)	\$0	\$0	\$59,202
95	2023-02-04-95	University of Delaware	Diagnostic Services Per Task Orders Related to IDIQ	\$263,367	\$0	\$0
96	2023-02-04-96	University of Delaware	Delaware Humanities: FY 23 Spring Action/Innovation	\$0	\$0	\$17,957
97	2023-02-04-97	University of Delaware	Collaborative Research: Chain Transform Fault: Understanding the Dynamic Behavior of a Slow-Slipping Oceanic Transform System	\$355,807	\$0	\$0
98	2023-02-04-98	University of Delaware	Collaborative Research: NSF/MCB: Repurposing Metabolite-Responsive Aptamers for Real-Time Sensing and Dynamic Control of Cas6-Mediated Metabolon Assembly	\$391,543	\$0	\$0
99	2023-02-04-99	University of Delaware	Thermoradiative Energy Conversion Devices Based on Narrow Bandgap Antimonide Semiconductors	\$227,300	\$0	\$0
100	2023-02-05-01	University of Delaware	Integrating Climate Services and Products in Environmental Impact Assessment Regulatory Processes, Administration and Systems in Caribbean Small Island States	\$197,710	\$0	\$0
101	2023-02-05-02	University of Delaware	Developing Novel Capabilities for Rapid Multielement Isotope Analysis of Molecules	\$0	\$0	\$122,726
102	2023-02-05-03	University of Delaware	Changes of Net Community Production in the Western Arctic Ocean: Combining Remote Sensing and in Situ Observations for Machine-Learning Based Mapping and Dynamics-Driven Understanding	\$147,777	\$0	\$0
103	2023-02-05-04	University of Delaware	Managed Retreat to Address Extreme Weather, Natural Hazards, and Climate Impacts NCHRP Project No. 23-33	\$0	\$0	\$59,314
104	2023-02-05-05	University of Delaware	Electrochemical Method for Acetate Production from CO2	\$0	\$0	\$4,524,896

105	2023-02-05-06	University of Delaware	A Domain-Specific Approach to Falls Efficacy and Walking Activity in Individuals with Chronic Stroke	\$100,000	\$0	\$0
106	2023-02-05-07	University of Delaware	Antibody Selection and Optimization Using Computational Predictions	\$0	\$0	\$200,001
107	2023-02-05-08	University of Delaware	Mitigating the Public Health Risk of Norovirus and Hepatitis A Virus on Fresh and Frozen Produce: Guidance for Industry	\$0	\$0	\$286,192
108	2023-02-05-09	University of Delaware	To Elucidate the Behaviour of Clostridium Perfringens and the Mechanisms of Action Leading to the Onset of Necrotic Enteritis in Broilers	\$0	\$0	\$32,385
109	2023-02-05-10	University of Delaware	NSF Challenge-COVID-19 Diversity, Equity, and Inclusion Challenge	\$10,000	\$0	\$0
110	2023-02-05-11	University of Delaware	Envision Macy's Future Sourcing Strategies for Clothing Made from Recycled Textile Materials	\$0	\$0	\$25,000
111	2023-02-05-12	University of Delaware	Parcells Lab HVT Project - Recombinant Infectious Clone Selection and Vaccine Assessment	\$0	\$0	\$67,376
112	2023-02-05-13	University of Delaware	Low Bandgap CIGS Solar Cells for CIGS/CdTe Tandem Solar Cells	\$0	\$0	\$53,860
113	2023-02-05-14	University of Delaware	CICI: UCSS: Secure Containers in High-Performance Computing Infrastructure	\$0	\$0	\$195,869
114	2023-02-05-15	University of Delaware	Collaborative Research: SaTC: CORE: Small: Investigation of Naming Space Hijacking Threat and Its Defense	\$195,869	\$0	\$0
115	2023-02-05-16	University of Delaware	Determining How ECM Stiffness Directs Epithelial Cell Patterning Using the Embryonic Mouse Kidney as a Model System	\$0	\$0	\$830,000
116	2023-02-05-17	University of Delaware	Evaluation of Fall Biofumigation to Reduce Phytophthora Fruit Rot and Nematodes in Watermelon and Pumpkin Production	\$332,317	\$0	\$0
117	2023-02-05-18	University of Delaware	Mechanisms of How Working Memory Deficits Affect Action Sequence Organization in Patients with Mild Cognitive Impairments	\$0	\$0	\$105,976
118	2022-06-04-01 Amendment	Delaware State University	Program for Children - Continuation and Pilot Project	\$90,000	\$0	\$0
119	2022-07-09-10 Amendment	Delaware State University	Advancing Healthy Lifestyles: Chronic Disease, Health Equity and COVID 19: Phase II	\$100,000	\$0	\$0
120	2023-02-11-01	Delaware State University	DSU SNAP-Ed Program FY23	\$312,692	\$0	\$0
121	2023-02-11-02	Delaware State University	COVID-19 Vaccine Outreach Community Partnership	\$25,280	\$0	\$0
122	2023-02-11-03	Delaware State University	High-Speed Hyperspectral Imaging for Highly Multiplexed Immunofluorescence Imaging FY 24	\$30,000	\$0	\$0
123	2023-02-11-04	Delaware State University	Centering Equity, Building & Scaling Teacher Residencies (Centering Equity)	\$375,000	\$0	\$0
124	2023-02-11-05	Delaware State University	The 1890s Center for Farming/Food Systems, Rural Prosperity, and Economic Sustainability: Workforce Development in Meat and Poultry Processing	\$30,000	\$0	\$0
125	2023-02-11-06	Delaware State University	Center for Data Science in Biomedicine	\$11,406,302	\$0	\$0
126	2023-02-11-07	Delaware State University	Development of PET Imaging Agents Targeting VEGFR3 in the Glymphatic-Lymphatic System	\$25,294	\$0	\$0

Revised 2/23/23

Delaware State Clearinghouse Committee

March Agenda

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

March 20, 2023 @ 10:00am

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
New Business*									
1	5763	Department of Health and Social Services, Public Health, Community Mental Health	Certified Community Behavioral Health Clinic Planning Grant	\$1,000,000	\$0	\$0	0.00	0.00	0.00
2	2022-11-04-01	Department of Transportation, Planning	Electric Powered Landscaping Equipment	\$0	\$0	\$20,445	0.00	0.00	0.00
3	5739	Department of Agriculture, Administration	Senior Farmers' Market Nutrition – ARP COVID-19	\$30,000	\$0	\$0	0.00	0.00	0.00
4	5744	Department of Agriculture, Forest Service	Community Invasive Species Management Assistance - IJJA	\$56,666	\$0	\$0	0.00	0.00	0.00
Continued									
1	5715	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program (LIHEAP) – IJJA	\$327,156	\$0	\$0	0.00	0.00	0.00
2	5720	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program State Exchange	\$8,125	\$0	\$0	0.00	0.00	0.00
3	5750	Department of Health and Social Services, Public Health, Community Health	Title X Family Planning Services	\$1,619,819	\$1,113,668	\$0	4.00	6.00	0.00
4	5756	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Access	\$3,750	\$0	\$0	0.00	0.00	0.00
5	2023-02-01-01	Department of Health and Social Services, Substance Abuse and Mental Health	Transformation Transfer Initiative	\$0	\$0	\$500,000	0.00	0.00	0.00
6	5025 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substance	Delaware City PVC OU-3 Remedial Investigation/Feasibility Study	\$5,072	\$0	\$0	0.03	0.00	0.00
7	5758	Department of Safety and Homeland Security, Office of the Secretary, Division of Forensic Science	DNA Capacity Enhancement & Backlog Reduction Program	\$489,843	\$0	\$0	0.00	0.00	0.00
8	5765	Department of Transportation, Planning	Delaware Aviation System Planning	\$180,540	\$20,060	\$0	0.00	0.00	0.00
9	5768	Department of Agriculture, Animal Health	Umbrella National Surveillance	\$261,235	\$0	\$0	0.00	0.00	0.00
10	5769	Department of Agriculture, Forest Health	Forest Health Management and Monitoring	\$83,000	\$83,000	\$0	0.55	0.81	0.00
11	5771	Department of Agriculture, Forest Service	Forest Stewardship	\$110,173	\$110,173	\$0	0.89	1.33	0.00
12	5251 Amendment	Delaware National Guard	Air National Guard Fuel Cell Hangar Military Construction (MILCON)	\$6,478,853	\$1,000,000	\$0	0.00	0.00	0.00
13	5748	Department of Education, Student Support	Equipment Assistance Grant	\$145,874	\$0	\$0	0.00	0.00	0.00
14	5751	Department of Education, Student Support	Supply Chain Assistance	\$1,327,094	\$0	\$0	0.00	0.00	0.00
Higher Education									
1	2023-03-04-01	University of Delaware	Mining, Energy, and Shipping in the Arctic (MESA): Assessing Human Dimensions, Trends, and National Security Implications	\$0	\$0	\$1,001,221			
2	2023-03-04-02	University of Delaware	Scalable Curation of Protein Variants, Modified Forms and Complexes Through Integrated Text-Mining and Graph Learning	\$1,143,999	\$0	\$0			

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

3	2023-03-04-03	University of Delaware	Evaluation of FHB Management Strategies in DE following the MGMT Protocol	\$22,017	\$0	\$0
4	2023-03-04-04	University of Delaware	Active and Meta Learning AI Techniques for Device and Material Simulation	\$0	\$0	\$125,000
5	2023-03-04-05	University of Delaware	Support Various KIDS COUNT Activities	\$0	\$0	\$65,217
6	2023-03-04-06	University of Delaware	Disclosure Intervention to Reduce Social Isolation and Facilitate Recovery Among People in Treatment for Opioid Use Disorder	\$2,599,587	\$0	\$0
7	2023-03-04-07	University of Delaware	Multi-Scale Mechano-Adaptation of Fibrous Tissues After Injury and with Surgical Repair	\$2,817,099	\$0	\$0
8	2023-03-04-08	University of Delaware	F-actin Cross-Linkers in Osteocyte Dendrite Formation and Mechanosensing	\$275,000	\$0	\$0
9	2023-03-04-09	University of Delaware	Development of an Efficient 18F Labeling Technology Based on Tetrazine Trans-Cyclooctene Ligation	\$0	\$0	\$595,970
10	2023-03-04-10	University of Delaware	Predicting Data Transmission Rates from Novel Shark Ocean Observing Platforms Using Remotely Sensed Ocean Color and Sea Surface Temperature Data Products	\$133,890	\$0	\$0
11	2023-03-04-11	University of Delaware	Supplemental: Reducing Finished-Product Waste Through Augmented Design	\$16,000	\$0	\$0
12	2023-03-04-12	University of Delaware	2023 DOS ECA Excellence in Chinese Language and Culture NSLI-Y	\$0	\$0	\$334,027
13	2023-03-04-13	University of Delaware	Examining the Feasibility of Implementing a Hypertension Storytelling Among Blacks with Hypertension	\$450,000	\$0	\$0
14	2023-03-04-14	University of Delaware	Cross-Cultural Multilevel Examination of Power and Influence	\$1,133,633	\$0	\$0
15	2023-03-04-15	University of Delaware	Assist in Engaging Extension Systems Throughout the Northeast in Participation in and Contribution to the Efforts of the Cultivemos/FRSAN-NE	\$0	\$0	\$30,762
16	2023-03-04-16	University of Delaware	CIFAR Co-Director Humans & the Microbiome Program 2022-2023	\$0	\$0	\$52,282
17	2023-03-04-17	University of Delaware	Region 3 Technical Assistance to Brownfields Communities	\$0	\$0	\$714,961
18	2023-03-04-18	University of Delaware	Compiling and Successfully Execution of QMCPACK on Frontier and Aurora	\$0	\$0	\$430,076
19	2023-03-04-19	University of Delaware	Investigating Functional Impacts of Oncogenic Collagen I Homotrimers on Pancreatic Ductal Adenocarcinoma Progression in Engineered in Vitro Models.	\$0	\$0	\$100,655
20	2023-03-04-20	University of Delaware	Uol Finance Laux Academic Summer Program FY23	\$0	\$0	\$55,825
21	2023-03-04-21	University of Delaware	Collaborative Research: The Influence of Mesoscale Eddies on Deep-Sea Dynamics and Implications for Larval Connectivity Along Mid-Ocean Ridges	\$204,198	\$0	\$0
22	2023-03-04-22	University of Delaware	Collaborative Research: A Partnership in Pursuit of Advancing and Broadening Access to Neutrino Astrophysics with the IceCube Upgrade	\$229,212	\$0	\$0
23	2023-03-04-23	University of Delaware	Collaborative Research: DOE/NSF Workshop on Correctness in Scientific Computing	\$11,719	\$0	\$0
24	2023-03-04-24	University of Delaware	Brain and Behavioral Correlates of Approach-Avoidance Conflict in Children Who Stutter	\$375,000	\$0	\$0
25	2023-03-04-25	University of Delaware	Compact W-Band Imagers for IED Detection Using BiCMOS Integrated Circuits and Additively Fabricated Metaoptics	\$199,915	\$0	\$0
26	2023-03-04-26	University of Delaware	Small Business Administration Cooperative Agreement CY23	\$10,194	\$0	\$0
27	2023-03-04-27	University of Delaware	Nondestructive, Streamlined Testing and Monitoring of Metal Cylinders and Tanks to Prevent Packaging Failure	\$0	\$0	\$224,697
28	2023-03-04-28	University of Delaware	Equipment: MRI: Track 1 Development of Milli-Kelvin Measurement System for Investigation of Hybrid Quantum Systems	\$1,233,247	\$0	\$0

29	2023-03-04-29	University of Delaware	Algorithms and Software for Multidimensional Vibrational Spectroscopy of Coarse-Grained Protein Models	\$250,000	\$0	\$0
30	2023-03-04-30	University of Delaware	Super High-Energy-Density Lithium-Sulfur Battery with Innovative Electrodes	\$0	\$0	\$14,062
31	2023-03-04-31	University of Delaware	Equipment: MRI: Acquisition of a Research and Educational Wave Flume (UDFlume) for Interdisciplinary Coastal Processes Studies	\$1,381,564	\$0	\$0
32	2023-03-04-32	University of Delaware	Collaborative Research: Soil as a Living System: Biophysical Feedbacks Shape Biological Functions Across Scales	\$237,513	\$0	\$0
33	2023-03-04-33	University of Delaware	Advancing Chemical Biology Through Innovative Chemistry	\$0	\$0	\$132,305
34	2023-03-04-34	University of Delaware	Integrated Carbon-Neutral Methanol Production from Direct Air Capture and Carbon-Free Hydrogen	\$319,866	\$0	\$0
35	2023-03-04-35	University of Delaware	Conserv EL Quarantelli Collections	\$0	\$0	\$1,000
36	2023-03-04-36	University of Delaware	Megakaryocytic Extracellular Vesicles (MkEVs) to Target Blood Stem Cells	\$0	\$0	\$41,201
37	2023-03-04-37	University of Delaware	Intra-Articular Delivery of Disease-Modifying Anti-Rheumatic Drugs Using Collagen-Targeting Nano-Carriers	\$275,002	\$0	\$0
38	2023-03-04-38	University of Delaware	Fouling Resistant Hydrogen for Fuel Cells	\$0	\$0	\$26,322
39	2023-03-04-39	University of Delaware	Gore Upper Extremity Task Validation	\$0	\$0	\$27,301
40	2023-03-04-40	University of Delaware	Functional Heterogeneity of Endothelial Cells in Tissue Engineered Vascularized Muscle	\$200,001	\$0	\$0
41	2023-03-04-41	University of Delaware	Reversing Airway Inflammation with Tunable Local Drug Release Using Peptide-Based Nanoparticles	\$275,000	\$0	\$0
42	2023-03-04-42	University of Delaware	Advancing Trustworthy Machine Learning for Seabed Morphodynamics Analysis	\$369,781	\$0	\$0
43	2023-03-04-43	University of Delaware	Applying an Extended Multiple Linear Regression Model (eMLR) to Estimate Anthropogenic Carbon Storage and Ocean Acidification in the Western Arctic Ocean	\$11,250	\$0	\$0
44	2023-03-04-44	University of Delaware	Extended SWIR Imagers for Hypersonic Weapons	\$0	\$0	\$14,375
45	2023-03-04-45	University of Delaware	Doctoral Fellowship Initiative FOR Saeed Esfandi	\$0	\$0	\$28,696
46	2023-03-04-46	University of Delaware	NASA Delaware Space Grant College and Fellowship Program Year 4 Augmentation 6	\$50,000	\$0	\$0
47	2023-03-04-47	University of Delaware	Designing Magnon Amplification and Lasing Devices Via Quantum-Classical and Schwinger-Keldysh Nonequilibrium Approaches	\$310,580	\$0	\$0
48	2023-03-04-48	University of Delaware	Packaging High Temperature Electronics for Harsh Flight Environments	\$0	\$0	\$273,654
49	2023-03-04-49	University of Delaware	Acquisition of a CytoFLEX LX Flow Cytometer to Characterize Extracellular Vesicle (EV) Formation and Multiparametric Flow Cytometry Assays	\$247,748	\$0	\$0
50	2023-03-04-50	University of Delaware	Reproducible Control of Cellular Differentiation Via Microbotic Delivery of Node Factors	\$323,444	\$0	\$0
51	2023-03-04-51	University of Delaware	High Performance TiO2 Based Thin Film Transistors	\$0	\$0	\$180,829
52	2023-03-04-52	University of Delaware	The Impact of Time Restricted Eating on Eating Behaviors, Diet Quality, Body Weight, and Body Composition in Emerging Adult Females	\$0	\$0	\$19,998
53	2023-03-04-53	University of Delaware	A Novel Silver Paste for Modified-Heterojunction Solar Cells	\$0	\$0	\$37,500
54	2023-03-04-54	University of Delaware	BCSER: Investigating Relations Among Elementary Teachers Anxiety for Teaching Mathematics, their Mathematics Instructional Practices, and Students Mathematics Outcomes	\$224,036	\$0	\$0

55	2023-03-04-55	University of Delaware	Detecting Malformations of Cortical Development Through Anatomically Aware Machine Learning	\$350,491	\$0	\$0
56	2023-03-04-56	University of Delaware	Causality of Motor Function in the Reticulospinal Tract in Healthy and Post-Stroke Individuals	\$0	\$0	\$272,732
57	2023-03-04-57	University of Delaware	FREE Doctoral Fellowship Initiative	\$0	\$0	\$29,500
58	2023-03-04-58	University of Delaware	Diagnostic Services Per Task Orders Related to IDIQ NWRC	\$3,750	\$0	\$0
59	2023-03-04-59	University of Delaware	Evaluation of Processes Using Recycled Plastics Waste for Polyethylene Production Using LCA and TEA	\$0	\$0	\$88,822
60	2023-03-04-60	University of Delaware	A Novel Approach to Spatial Learning: Introducing the Pattern Alphabet	\$0	\$0	\$458,864
61	2023-03-04-61	University of Delaware	Shanghai Sonatas, A New Musical Song Album NEA	\$72,254	\$0	\$0
62	2023-03-04-62	University of Delaware	A Patient-Centered Approach to Interdisciplinary, Team-Based Concussion Care	\$0	\$0	\$83,867
63	2023-03-04-63	University of Delaware	Bioimpedance Monitoring of Respiratory Performance and Stress	\$0	\$0	\$14,706
64	2023-03-04-64	University of Delaware	2D Zeolites for Catalytic Hydrocarbon Conversions	\$0	\$0	\$360,561
65	2023-03-04-65	University of Delaware	SNF Ithaca Initiative PHASE 2 at the Biden School of Public Policy and Administration	\$0	\$0	\$3,000,000
66	2023-03-04-66	University of Delaware	A Novel mCDR and OA Mitigation Approach Using Electrolytic Cation Exchange Modules (E-CEM) Powered by Marine Renewable Energy	\$0	\$0	\$302,631
67	2023-03-04-67	University of Delaware	Developing Scale-Up Manufacturing of Engineered Waste Coal Ash Based Lightweight Aggregate for Concrete Applications	\$0	\$0	\$87,235
68	2023-03-04-68	University of Delaware	SCiPE: Boosting Computational and Data-Intensive Research in the Mid-Atlantic Region	\$3,440,408	\$0	\$0
69	2023-03-04-69	University of Delaware	Equipment: MRI: Track 2 Acquisition of a 800 MHz Solid-State NMR System for Interdisciplinary Research, Education, and Training	\$3,999,351	\$0	\$0
70	2023-03-04-70	University of Delaware	BCSER: Making Capacity Building a Reality: An Institute for Nurturing Early-Career Researchers in Mathematics Education	\$754,236	\$0	\$0
71	2023-03-04-71	University of Delaware	CC* Data Storage: Shareable, Equitable, and Extensible Data Storage for Collaborative Data-Intensive Research	\$412,674	\$0	\$0
72	2023-03-04-72	University of Delaware	Integrating Image Analysis into Civil Engineering Education and Workforce Development	\$0	\$0	\$31,250
73	2023-03-04-73	University of Delaware	EAGER: Transient Cerebrospinal Fluid (CSF) Flow in Brain Concussion	\$0	\$0	\$74,343
74	2023-03-04-74	University of Delaware	Robust, Lightweight Solar Modules for Transportation Applications	\$0	\$0	\$77,755
75	2023-03-04-75	University of Delaware	Pyroelectric Metamaterial-Based Millimeter Wave Imaging System	\$0	\$0	\$99,149
76	2023-03-04-76	University of Delaware	Winds of Change: Advancing Deployment of Distributed Wind Through a Stakeholder-Informed Streamlined Permitting Framework	\$0	\$0	\$174,123
77	2023-03-04-77	University of Delaware	Regulatory Role of MicroRNA-124 in Mesodermal Development	\$746,910	\$0	\$0
78	2023-03-04-78	University of Delaware	Community Benefits from Offshore Wind Development	\$0	\$0	\$171,900
79	2023-03-04-79	University of Delaware	FFAR Fellow Davis/Oluoch	\$0	\$0	\$51,000
80	2023-03-04-80	University of Delaware	Deciphering the Impact of ABCA4 Genetic Variants of Unknown Significance in Inherited Retinal Disease Prognosis	\$0	\$0	\$300,000

81	2023-03-04-81	University of Delaware	Breaking Wave-Induced Rapid Beach Profile Evolution in the Inner-Surf and Swash Zones	\$0	\$0	\$211,918
82	2023-03-04-82	University of Delaware	BCSER: Using Quantitative Ethnography and Customized Virtual Role Models to Measure and Improve the Computing Identity of Young Girls	\$228,454	\$0	\$0
83	2023-03-04-83	University of Delaware	Nervous System-Driven Low Back Pain Subgrouping to Enhance Treatment and Outcomes Prediction	\$0	\$0	\$584,099
84	2023-03-04-84	University of Delaware	Regulatory Networks in Lens Development	\$1,250,000	\$0	\$0
85	2023-03-04-85	University of Delaware	Impacts of Border Barrier Infrastructure on Migratory Birds Along the Lower Rio Grande Valley of Texas	\$258,197	\$0	\$0
86	2023-03-04-86	University of Delaware	SUPPLEMENTAL to Pesticide Safety Education Program	\$0	\$0	\$1,562
87	2023-03-04-87	University of Delaware	Hughes_PED - Spatiotemporal Modelling of Atlantic Sturgeon Spawning Habitat and Spawning Population in the Delaware River: Post-Army Corps of Engineers Main Channel Deepening Project	\$116,622	\$0	\$0
88	2023-03-04-88	University of Delaware	Efficacy of MI Write Automated Writing Evaluation for Improving Writing Outcomes of Students who are Black, Hispanic, and Experiencing Poverty	\$0	\$0	\$33,000
89	2023-03-04-89	University of Delaware	Development of Durability Design Guidelines for Externally Bonded Fiber-Reinforced Polymer (FRP) Bridge Repairs	\$0	\$0	\$36,561
90	2023-03-04-90	University of Delaware	Perpetual m-CDR Via 3C Oyster Reef Habitats	\$0	\$0	\$281,205
91	2023-03-04-91	University of Delaware	MCA: Advancing the Embodiment of Lower Limb Prostheses for Real-World Dynamic and Compliant Terrains	\$310,600	\$0	\$0
92	2023-03-04-92	University of Delaware	HHS DATI FY2023 Delaware Assistive Technology Initiative	\$7,231	\$0	\$0
93	2023-03-04-93	University of Delaware	Interpersonal Racism, Structural Racism, and Blood Pressure in U.S. Black Middle-Aged and Older Adults	\$180,942	\$0	\$0
94	2023-03-04-94	University of Delaware	Delaware Center for Musculoskeletal Research, Administrative Supplement for Equipment	\$250,000	\$0	\$0
95	2023-03-04-95	University of Delaware	Upgrade of an Electron Paramagnetic Resonance Spectrometer	\$248,183	\$0	\$0
96	2023-03-04-96	University of Delaware	Bio-Inspired Multifunctional Architected Materials for Space	\$0	\$0	\$436,501
97	2023-03-04-97	University of Delaware	Conduit - A Midwestern Black Visual Arts Preservation Initiative	\$0	\$0	\$15,000
98	2023-03-04-98	University of Delaware	An Assessment of Managed Public Wetlands in Pennsylvania	\$0	\$0	\$62,500
99	2023-03-04-99	University of Delaware	Calcium Flux Regulation Through Interactions of Selenos with Sarcoplasmic/Endoplasmic Reticulum Calcium ATPase	\$0	\$0	\$181,809
100	2023-03-05-01	University of Delaware	Machine Learning Approaches to Map Fine-Scale Changes in Smallholder Agricultural Systems	\$0	\$0	\$134,999
101	2023-03-05-02	University of Delaware	Quantifying the Efficacy of Wastewater Alkalinity Enhancement on mCDR and Acidification Mitigation in a Large Estuary	\$0	\$0	\$410,893
102	2023-03-05-03	University of Delaware	Develop an Inducible Stable Producer Cell Line for rAAV Production Via Site-Specific Integration	\$0	\$0	\$90,000
103	2023-03-05-04	University of Delaware	Energy Justice Indicators: Measuring Community Effects of Offshore Wind Energy Development	\$0	\$0	\$443,281
104	2023-03-05-05	University of Delaware	MCA: FTICR-MS Enabled Advanced Separation and Profiling of Organophosphorus Compounds	\$294,092	\$0	\$0
105	2023-03-05-06	University of Delaware	Ductile Crustal Flow Throughout the Andes and Cratonic South America from Surface Wave Imaging Studies	\$213,289	\$0	\$0
106	2023-03-05-07	University of Delaware	Administrative Supplement to Purchase a MerMade 4 Oligonucleotide Synthesizer for the Large-Scale Production of Modified RNA Substrates	\$95,073	\$0	\$0

107	2023-03-05-08	University of Delaware	Administrative Supplement to Harnessing Alkyl Amines and Alkyl Alcohols in Cross-Coupling	\$86,052	\$0	\$0
108	2023-03-05-09	University of Delaware	Nemours Vickery Khalife 23	\$0	\$0	\$20,735
109	2023-03-05-10	University of Delaware	Delaware's Coastal Economy: Contribution, Risks, and Opportunities	\$0	\$0	\$15,534
110	2023-03-05-11	University of Delaware	Administrative Supplement to Novel Reactions of Electrophilic Nitrogen for Preparing Bioactive Molecules	\$60,643	\$0	\$0
111	2023-03-05-12	University of Delaware	Examining US Fishery Policy Implementation	\$0	\$0	\$44,644
112	2023-03-05-13	University of Delaware	Emission Inventory for Air Quality in Lagos (Nigeria)	\$0	\$0	\$5,780
113	2023-03-05-14	University of Delaware	Collaborative Research: Ideas Lab: ETAUS Passive Localized Underwater Transiting Observing Systems (PLUTOS)	\$188,621	\$0	\$0
114	2023-03-05-15	University of Delaware	The Longitudinal Relationship of Sedentary Behavior with Health Outcomes in a Community-Based Cohort: The Johnston County Health Study	\$3,061,547	\$0	\$0
115	2023-03-05-16	University of Delaware	Development of a Symptom-Monitoring/Self-Management Intervention for Social Isolation Following Spinal Cord Injury	\$0	\$0	\$508,125
116	2023-03-05-17	University of Delaware	Longitudinal Impact of Midlife Cerebrovascular Pulsatility on Brain Tissue Integrity and Cognitive Aging	\$2,495,694	\$0	\$0
117	2023-03-05-18	University of Delaware	Understanding Sex Differences in Traumatic Stress Reactivity	\$1,734,921	\$0	\$0
118	2023-03-05-19	University of Delaware	Enabling Plant Natural Product Biosynthesis by Debugging Heterologous Protein Expression in Yeast	\$48,680	\$0	\$0
119	2023-03-05-20	University of Delaware	Magnetic Resonance Elastography of Pediatric Brain Tumors: Intraoperative Comparison of Stiffness/Tumor-Adhesion and WHO Central Nervous System Grade	\$0	\$0	\$29,000
120	2021-10-02-04 Amendment	Delaware State University	Thrust 4 - Value-Added Systems and Technologies	\$150,000	\$0	\$0
121	2023-03-11-01	Delaware State University	College of Business Financial Literacy Institute	\$300,000	\$0	\$0
122	2023-03-11-02	Delaware State University	Congressional Community Project	\$1,000,000	\$0	\$0
123	2023-03-11-03	Delaware State University	Uncoupling HcPro-Mediated Induction of the Mechanisms of Superinfection Exclusion and RNAi Suppression	\$915,954	\$0	\$0
124	2023-03-11-04	Delaware State University	The Biomedical Research and Innovation Center at an Historically-Black University	\$22,222,220	\$0	\$0
125	2023-03-11-05	Delaware State University	Detecting Malformations of Cortical Development Through Anatomically Aware Machine Learning	\$19,454	\$0	\$0
126	2023-03-11-06	Delaware State University	SCIPE: Boosting Computational and Data-Intensive Research in the Mid-Atlantic Region	\$125,023	\$0	\$0
127	2023-03-11-07	Delaware State University	The Safe Space Project	\$347,000	\$0	\$0

3/2/2023

Delaware State Clearinghouse Committee
Revised April Agenda
Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
April 18, 2023 @ 10:00am

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
New Business*									
1	5774	Department of State, Historical and Cultural Affairs	Historic Preservation John Dickinson Plantation	\$704,600	\$33,291	\$0	0.00	0.47	0.00
2	5775	Department of State, Historical and Cultural Affairs	Historic Preservation Cooch's Bridge	\$750,000	\$428,178	\$0	0.00	0.52	0.00
3	5553	Department of Health and Social Services, Public Health, Community Health	Public Health Infrastructure and Workforce	\$11,021,366	\$0	\$0	2.00	0.00	0.00
4	5793	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program (LIHEAP) Supplement	\$6,546,780	\$0	\$0	0.00	0.00	0.00
5	5665	Department of Transportation, Finance	Quality Jobs, Equity, Strategy and Training (QUEST)	\$11,025,885	\$0	\$0	0.00	0.00	0.00
6	5776	Department of Agriculture, Forest Service	State Forest Action Plan Implementation - IJA	\$209,000	\$0	\$0	0.00	0.00	0.00
7	5778	Department of Education, Student Support	Farm to School Grant - ARP COVID-19	\$679,103	\$0	\$0	0.00	0.00	0.00
8	2023-03-20-01	Department of Education, Operations Support	Solar Grants for Delaware Public School Districts (To be restated on May Agenda)	\$45,000,000	\$0	\$15,000,000	0.00	0.00	0.00
9	5746	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Lums Pond Cabins - Tabled at the February 28, 2023 Meeting	\$4,100,000	\$4,112,300	\$0	0.00	0.00	0.00
Continued									
1	5610 Amendment	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program	\$79,714	\$32,793	\$0	0.00	0.00	0.00
2	5759	Department of Health and Social Services, Social Services	Refuge Cash and Medical Assistance Program	\$586,200	\$0	\$0	0.00	0.00	0.00
3	5767	Department of Health and Social Services, Social Services	Refugee Social Service Case Program	\$236,334	\$0	\$0	0.00	0.00	0.00
4	5781	Department of Health and Social Services, Social Services	Delaware Senior Medicare Patrol Program Funds	\$241,734	\$0	\$0	0.00	0.00	0.00
5	5802	Department of Health and Social Services, Public Health, Community Health	Sexually Transmitted Disease Prevention and Control	\$1,000,000	\$0	\$0	0.00	0.00	0.00
6	5806	Department of Health and Social Services, Public Health, Community Health	Public Health Crisis Response	\$259,970	\$0	\$0	0.00	0.00	0.00
7	5762	Department of Health and Social Services, Public Health, Community Health	National and State Tobacco Control Program	\$991,511	\$0	\$0	5.00	0.00	0.00
8	5047 Amendment	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Adult Protective Services - ARP COVID-19	\$1,227,345	\$562	\$0	0.00	0.00	0.00
9	5400 Amendment	Department of Health and Social Services, Substance Abuse and Mental Health Administration	Medicaid Administration XIX	\$49,500,000	\$18,343,560	\$0	0.00	0.00	0.00
10	5738 now 5873	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Adoption Incentive Payment Program	\$292,500	\$0	\$0	0.00	0.00	0.00
11	5402 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement	\$751,296	\$0	\$0	1.10	0.00	0.00
12	5046 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Clean Cities Coalition	\$55,000	\$0	\$0	0.00	0.00	0.00
13	5804	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Building Resilient Infrastructure and Communities	\$566,667	\$500	\$166,175	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>

14	5770	Department of Agriculture, Forest Service	Urban and Community Forestry	\$250,000	\$204,510	\$60,000	1.85	2.27	0.00
15	5779	Department of Agriculture, Agricultural Lands Preservation Foundation	Agricultural Conservation Easement Program	\$2,751,000	\$2,166,972	\$0	0.00	0.00	0.00
16	5782	Department of Agriculture, Food Products Inspection	Country of Origin Labeling	\$12,985	\$0	\$0	0.17	0.00	0.00
17	5790	Department of Education, Student Support	Title I, Part A - Improving Academic Achievement of the Disadvantaged	\$58,179,618	\$0	\$0	2.25	0.00	0.00
18	5791	Department of Education, Student Support	Title II Part A - Improving Teacher Quality	\$10,671,833	\$0	\$0	2.05	0.00	0.00
19	5792	Department of Education, Academic Support	Individuals with Disabilities Education Act, Part B Section 619	\$1,354,014	\$0	\$0	0.00	0.00	0.00
20	5795	Department of Education, Academic Support	Title III English Acquisition	\$1,926,010	\$0	\$0	1.10	0.00	0.00
21	5796	Department of Education, Student Support	Title IV Part A Student Support and Enrichment	\$6,176,960	\$0	\$0	0.00	0.00	0.00
22	5797	Department of Education, Academic Support	Carl D. Perkins Career and Technical Education	\$6,035,653	\$0	\$0	2.75	0.00	0.00
23	5798	Department of Education, Academic Support	Individuals with Disabilities Education Act, Part B Section 611	\$41,355,415	\$0	\$0	11.75	0.00	0.00
24	5786	First State Military Academy	Rural Education Achievement Grant - FY23	\$25,712	\$0	\$0	0.00	0.00	0.00
25	5787	First State Military Academy	Rural Education Achievement Grant - FY22	\$30,073	\$0	\$0	0.00	0.00	0.00

Higher Education

1	2023-04-01-01	University of Delaware	S-Stem: Collaborative Planning Grant: An Accelerated 3+2 Pathway to BS + MS Degrees in Semiconductor Manufacturing and Quantum Science Disciplines	\$64,371	\$0	\$0			
2	2023-04-01-02	University of Delaware	Delaware Center for Cognitive Aging Research Agreement	\$0	\$0	\$250,000			
3	2023-04-01-03	University of Delaware	Tablet-Based "Apps" for Functional Assessment of the Upper Limb After Stroke	\$274,998	\$0	\$0			
4	2023-04-01-04	University of Delaware	The Interplay Between Magnetic Reconnection and Turbulence: From the Collisional Lower Solar Atmosphere to the Collisionless Earth's Magnetosheath	\$0	\$0	\$89,048			
5	2023-04-01-05	University of Delaware	Evaluating ABCA4S Approach to Screen Reported Variants in the Rim Protein, ABCA4	\$0	\$0	\$2,500			
6	2023-04-01-06	University of Delaware	Phosphoarginine-Linked Protein Quality Control and Stress Responses in Mycobacteria	\$1,250,000	\$0	\$0			
7	2023-04-01-07	University of Delaware	Responsible AI to Combat Childhood Obesity	\$2,571,622	\$0	\$0			
8	2023-04-01-08	University of Delaware	Lightweight Wearable Ankle Instability Monitor Based on Multi-Ply Piezo Fabric	\$0	\$0	\$48,942			
9	2023-04-01-09	University of Delaware	State Liaison Representative:Ir4 Northeast Region Minor Crop Pest Management Program State Liaison Representative	\$0	\$0	\$2,000			
10	2023-04-01-10	University of Delaware	Collaborative Research: DMREF: Atom-Precise Reconfigurable Assemblies with Tunable Electronic Structure for Photocatalytic CO2 Reduction	\$252,209	\$0	\$0			
11	2023-04-01-11	University of Delaware	Fundamentals of Energy Conversion: The Role of Pressure-Strain Interaction in Reconnection	\$0	\$0	\$220,421			
12	2023-04-01-12	University of Delaware	Binding Analysis of the Retina Specific ABC Transporter, ABCA4 and its Genetic Variants	\$0	\$0	\$2,500			
13	2023-04-01-13	University of Delaware	Digital Authoritarianism in Africa - African Legacy or Chinese Strategy?	\$0	\$0	\$15,000			

14	2023-04-01-14	University of Delaware	Seasonal Solar Congestion Management (SEASCOM)	\$0	\$0	\$188,563
15	2023-04-01-15	University of Delaware	Engineering Biosynthesis and Incorporation of an Immunogenic Amino Acid	\$14,000	\$0	\$0
16	2023-04-01-16	University of Delaware	Functional Characterization of the ABCA4 Variants of Unknown Significance in Retinal Degenerative Diseases	\$0	\$0	\$2,500
17	2023-04-01-17	University of Delaware	Mechanism of Initiation of Human Papillomavirus DNA Replication	\$0	\$0	\$1,000
18	2023-04-01-18	University of Delaware	Impact of Vitamin B12 on the Etiology of Alzheimer's Disease	\$1,250,000	\$0	\$0
19	2023-04-01-19	University of Delaware	Glygen Growth and Evolution into a Central Resource for Glycans and Glycoconjugates	\$0	\$0	\$141,000
20	2023-04-01-20	University of Delaware	Composite Repair Solution for Arresting Cracks for Underwater Hull Locations of Navy Ship Assets	\$0	\$0	\$45,716
21	2023-04-01-21	University of Delaware	High Dynamic Range SWIR Imaging Arrays using DROICs	\$0	\$0	\$15,938
22	2023-04-01-22	University of Delaware	Sustainable Preparation of Advanced Titanium Materials Using Electrochemically-Active Templates	\$0	\$0	\$90,001
23	2023-04-01-23	University of Delaware	Collaborative Research: DMREF: Atomically Precise Catalyst Design for Selective Bond Activation	\$452,951	\$0	\$0
24	2023-04-01-24	University of Delaware	Collaborative Research: EAGER: Technology-Assisted Accessible Clothing: Soft Robotic Interaction Technologies and an Assessment Framework for Clothing Accessibility	\$63,819	\$0	\$0
25	2023-04-01-25	University of Delaware	Collaborative Research: Stemflow and Solute Transport Across Spatial Scales: From Fine-Grained Representation to Stand Structure	\$238,119	\$0	\$0
26	2023-04-01-26	University of Delaware	Collaborative Research: DMREF: Designing Sustainable Polymer Formulations Using an AI-Driven, High-Throughput Screening Ecosystem	\$620,243	\$0	\$0
27	2023-04-01-27	University of Delaware	Machine Learning in Investigating Understudied Protein Kinase Interactions	\$0	\$0	\$979
28	2023-04-01-28	University of Delaware	DE UD Building Health Literacy Through Vaccine Education	\$0	\$0	\$71,903
29	2023-04-01-29	University of Delaware	Sintered Powder Textile Coatings for Extreme Environments	\$0	\$0	\$29,711
30	2023-04-01-30	University of Delaware	Behavior of Magnetic Pickering Emulsions in Microchannels	\$0	\$0	\$125,000
31	2023-04-01-31	University of Delaware	HHS CORE 23-24 Supplemental	\$15,778	\$0	\$0
32	2023-04-01-32	University of Delaware	Conduit - A Midwestern Black Visual Arts Preservation Initiative	\$0	\$0	\$10,000
33	2023-04-01-33	University of Delaware	RPE: Capacity Assessment	\$0	\$0	\$52,174
34	2023-04-01-34	University of Delaware	Investigating the Interaction Between Iron Minerals and Organic Matter Preservation in Salt Marsh Sediments.	\$0	\$0	\$125,000
35	2023-04-01-35	University of Delaware	Sintering of Recycled Nd-Fe-B Powders 2023	\$0	\$0	\$11,128
36	2023-04-01-36	University of Delaware	Development of Embankment and Mud Spot Risk Assessment Tool Using Right of Way Imaging and Artificial Intelligence	\$0	\$0	\$99,022
37	2023-04-01-37	University of Delaware	Cross-Scale Energy Transfer in Turbulent Space Plasmas: Towards Generalized Exact Laws and Optimal Spacecraft Sampling	\$846,511	\$0	\$0
38	2023-04-01-38	University of Delaware	Collaborative Research:BoCP Implementation: Assessing the Influence of Traits, Environment, and Anthropogenic Context on the Ability of Trees to Support Arthropod Biodiversity	\$458,795	\$0	\$0
39	2023-04-01-39	University of Delaware	Psychometric Development and Validation of the LGB Coping Scale in the Adolescent Stress Experiences Over Time Study (ASETS)	\$0	\$0	\$14,677

40	2023-04-01-40	University of Delaware	Advanced Surface Analytics and Photochemistry Fundamentals for Ti-Pure Systems	\$0	\$0	\$150,635
41	2023-04-01-41	University of Delaware	Janssen Biopharmaceutical Innovations 4+1 Program	\$0	\$0	\$80,000
42	2023-04-01-42	University of Delaware	Space Education Excellence for Delaware (SEED)	\$823,698	\$0	\$0
43	2023-04-01-43	University of Delaware	The Role of Non-Muscle Myosin IIA (NMIIA) in Mouse Lens Epithelial to Mesenchymal Transition and Anterior Subcapsular Cataract Formation	\$0	\$0	\$2,500
44	2023-04-01-44	University of Delaware	Elucidating the Role of Mir-31 in Cytoskeletal Regulation During Early Cleavage Stage Embryos	\$0	\$0	\$1,000
45	2023-04-01-45	University of Delaware	A Safe and Inclusive Biomedical Training Environment	\$80,000	\$0	\$0
46	2023-04-01-46	University of Delaware	Georgia Coastal Ecosystems Long Term Ecological Research Phase IV Renewal	\$0	\$0	\$20,900
47	2023-04-01-47	University of Delaware	Investigating Transport and Fate of PFAS in the Subsurface Environment: From Soil Columns to Watersheds	\$0	\$0	\$854,292
48	2023-04-01-48	University of Delaware	S-STEM UD Scholars - Forging Future Leaders	\$924,186	\$0	\$0
49	2023-04-01-49	University of Delaware	Mir-1 Regulates Mitotic Spindles to Mediate Mitosis in Early Development	\$0	\$0	\$1,000
50	2023-04-01-50	University of Delaware	The Molecular Basis of the Interaction Between the HPV E2 Protein and its Binding Site Variants	\$0	\$0	\$1,000
51	2023-04-01-51	University of Delaware	Identifying and Enhancing Human Cognitive and Social Processes to Facilitate Successful Hybrid Human Machine Teaming	\$62,407	\$0	\$0
52	2023-04-01-52	University of Delaware	Weed Identification and Mapping Tools for Accelerating Integrated Weed Management Solutions and Adoption	\$25,000	\$0	\$0
53	2023-04-01-53	University of Delaware	Field Evaluation of a Novel Water Treatment System in Commercial Boiler Operations	\$0	\$0	\$20,998
54	2023-04-01-54	University of Delaware	Predicting the Ecology and Life History of Fishes from Field-Based Metabolic Physiology	\$697,888	\$0	\$0
55	2023-04-01-55	University of Delaware	PFI (MCA):Hydrogen and Solid Carbon Production with Electrified Methane Pyrolysis in Zeolite-Protected, Metal Membrane Reactor	\$307,899	\$0	\$0
56	2023-04-01-56	University of Delaware	SHF: SMALL: Improving Concurrency Documentation at the Class Level	\$431,744	\$0	\$0
57	2023-04-01-57	University of Delaware	Artist ENSEMBLE the 181 Volcanic Attitude Festival	\$0	\$0	\$10,040
58	2023-04-01-58	University of Delaware	CRISPR/nCas9-Based Gene Therapy for Mucopolysaccharidosis IVA Using Non-Viral Vectors	\$0	\$0	\$65,341
59	2023-04-01-59	University of Delaware	Potential for Sea Bed Munition Transport Due to Turbulent Prop Wash	\$187,597	\$0	\$0
60	2023-04-01-60	University of Delaware	Predicting Percolation in District Parklands: Soil Amendment Techniques and Subsoiling on Compacted Urban Land in DC	\$0	\$0	\$70,870
61	2023-04-01-61	University of Delaware	Model-Assisted Evaluation of High-Capacity Protein A Resins for Manufacturing Agility	\$0	\$0	\$81,970
62	2023-04-01-62	University of Delaware	Collaborative Research: Enabling Control of Bacillus Subtilis Growth Using Non-Standard Amino Acids	\$14,000	\$0	\$0
63	2023-04-01-63	University of Delaware	An AMBIC Toolkit for Targeted Integration and Vector Optimization	\$0	\$0	\$40,500
64	2023-04-01-64	University of Delaware	Thermal Control of Charge Transport in Organic Mixed Ionic-Electronic Conductors	\$558,222	\$0	\$0
65	2023-04-01-65	University of Delaware	Emergency & Trauma Management Professional Development Program	\$0	\$0	\$32,000

66	2023-04-01-66	University of Delaware	High-Resolution, Anisotropic MR Elastography of the Brain	\$2,713,153	\$0	\$0
67	2023-04-01-67	University of Delaware	What Motivates Students to Write a Mixed Methods Exploration of Writing Motivation	\$0	\$0	\$49,987
68	2023-04-01-68	University of Delaware	Two-Dimensional (2D) Mesoporous Zeolite-Based Catalysts for Plastics Recycling	\$0	\$0	\$75,000
69	2023-04-01-69	University of Delaware	Osteocyte Mechanotransduction and the Gabapentin-Sensitive Matrix-Channel Tethering Complex	\$0	\$0	\$17,770
70	2023-04-01-70	University of Delaware	VACLIGHT - Forte Creates Proposes a Breakthrough Technology that Protects Patients and Practitioners While Raising the Level of Dental Care and Aiding in Infection Control and Aerosol Reduction	\$0	\$0	\$21,876
71	2023-04-01-71	University of Delaware	New Theoretical and Computational Methods for Dissipative Polariton Dynamics	\$620,471	\$0	\$0
72	2023-04-01-72	University of Delaware	From Decline to Prosperity: Examining the Role of a Vibrant Arts Sector in Supporting Rural Sustainability	\$24,600	\$0	\$0
73	2023-04-01-73	University of Delaware	Modeling Recovery of Sepsis-Induced Cardiomyopathy	\$129,927	\$0	\$0
74	2023-04-01-74	University of Delaware	IUCRC Phase I Wayne State University: Center for Electric, Connected and Autonomous Technologies for Mobility (eCAT)	\$0	\$0	\$143,535
75	2023-04-01-75	University of Delaware	Exploring the Potential of Self-Generative Infrastructure for Coastal Resilience in the Hampton Roads Region and at Joint Base Langley-Eustis	\$761,475	\$0	\$0
76	2023-04-01-76	University of Delaware	Effects of Fermented Calcium Propionate as a Natural Food Antimicrobial Agent in Bakery Product and Soft Fruits	\$0	\$0	\$13,500
77	2023-04-01-77	University of Delaware	Roll-to-Roll Fabrication of a Large-Area Plasmonic Metamaterial with a Prescribed LWIR Spectral Signature	\$0	\$0	\$272,913
78	2023-04-01-78	University of Delaware	School Plant-Based Foods Introduction with Culturally-Appropriate Meals Evaluation (Spice Study)	\$0	\$0	\$317,942
79	2023-04-01-79	University of Delaware	Plastics on Parade: Cultivating Responsible Parade Culture in Louisiana	\$0	\$0	\$11,173
80	2023-04-01-80	University of Delaware	DEAN STEM Next - Million Girl Moonshot Initiative 23	\$0	\$0	\$1,818
81	2023-04-01-81	University of Delaware	Service Agreement with Ford Motor Company	\$0	\$0	\$152,739
82	2023-04-01-82	University of Delaware	Light-Matter Interactions in Artificial Spin Lattices	\$0	\$0	\$276,780
83	2023-04-01-83	University of Delaware	"One-Size-Does-NOT-Fit-All: Precise Exercise Prescription to Improve Walking in People with Chronic Stroke"	\$139,200	\$0	\$0
84	2023-04-01-84	University of Delaware	Collaborative Research: SaTC: Core: Small: Secure and Privacy-Preserving Dynamic Spectrum Access	\$133,272	\$0	\$0
85	2023-04-01-85	University of Delaware	Collaborative Research: Fw-Hf-RI: Supporting Future Crisis Line Work Through the Inclusive Design of Worker-Facing Tools that Empower Self-Management of Wellbeing and Performance	\$242,997	\$0	\$0
86	2023-04-01-86	University of Delaware	Keep Playing: Moving Public Opinion on Transgender Students Inclusion in Sports	\$0	\$0	\$10,000
87	2023-04-01-87	University of Delaware	Lipid Point of Care Testing in Communities at Higher Risk for Cardiovascular Disease	\$0	\$0	\$27,000
88	2023-04-01-88	University of Delaware	Bioactive Injectable Implants for Functional Intervertebral Disc Regeneration	\$18,198	\$0	\$0
89	2023-04-01-89	University of Delaware	Tissue Engineered Total Disc Replacement in a Large Animal Model	\$18,198	\$0	\$0
90	2023-04-01-90	University of Delaware	Evaluation of FHB Management Strategies in DE following the MGMT Protocol	\$67,193	\$0	\$0
91	2023-04-01-91	University of Delaware	A Share of the Machine: Techno-Politics, Labor, & the Crisis of Postwar Automation	\$0	\$0	\$15,000

92	2023-04-01-92	University of Delaware	To Staff and Build Out the Collaboration Space Necessary for the Parties to Ideate, Frame, and Execute Future Projects	\$0	\$0	\$361,950
93	2023-04-01-93	University of Delaware	Continued Support for ASLO Communication Workshops in Spain	\$9,481	\$0	\$0
94	2023-04-01-94	University of Delaware	Impact of Temperature Cycles and Outgassing on the Fiber-Packaged Silicon Photonic Transceivers	\$70,045	\$0	\$0
95	2023-04-01-95	University of Delaware	A High-Throughput Computational and Experimental Approach to the Design of Unconventional Magnets	\$0	\$0	\$231,056
96	2023-04-01-96	University of Delaware	Collaborative Research: FW-HTF-RL: Studying Acceptance of Socially-Aware Collaborative Robots Amongst Blue-Collar Workers in Warehousing	\$201,944	\$0	\$0
97	2023-04-01-97	University of Delaware	The Role of Knee Extensor Tendons in Knee Osteoarthritis	\$1,695,066	\$0	\$0
98	2023-04-01-98	University of Delaware	Jarius Bradley DE Sea Grant Knauss Fellowship 2024	\$90,500	\$0	\$0
99	2023-04-01-99	University of Delaware	Sara Swett DE Sea Grant Knauss Fellowship 2024	\$90,500	\$0	\$0
100	2023-04-02-01	University of Delaware	Caitlin Wilson DE Sea Grant Knauss Fellowship 2024	\$90,500	\$0	\$0
101	2023-04-02-02	University of Delaware	Caitlyn Czajkowski DE Sea Grant Knauss Fellowship 2024	\$90,500	\$0	\$0
102	2023-04-02-03	University of Delaware	Horn Youth Programs Responsible Tech Initiative	\$0	\$0	\$56,500
103	2023-04-02-04	University of Delaware	Emergency Poultry Disease Response and Policy (EPDRP) International Symposium and Veterinary Diagnostic Laboratory Quality Assurance (VDLQA) Symposium	\$19,307	\$0	\$0
104	2023-04-02-05	University of Delaware	Collaborative Research: SLES: A Safety Framework for Learning-Enabled Systems	\$261,751	\$0	\$0
105	2023-04-02-06	University of Delaware	School-Based Community Eligibility Provisions, Food Insecurity, and Medical Spending Among Low-Income and Near-Poor Kentuckians	\$0	\$0	\$43,649
106	2023-04-02-07	University of Delaware	Entanglement Detection, Production and Control in Magnetic Quantum Materials and Their Spintronic Devices	\$2,489,419	\$0	\$0
107	2023-04-02-08	University of Delaware	QuSeC-TAQS: Novel Quantum Algorithms for Optical Atomic Clocks	\$0	\$0	\$308,750
108	2023-04-02-09	University of Delaware	Multi-Site Machine Learning Methods for Drug Repurposing of AD/ADRD	\$0	\$0	\$609,825
109	2023-04-02-10	University of Delaware	RAPID: Antecedents and Consequences of Earthquake-Related Conspiracy Theories in Turkey	\$82,677	\$0	\$0
110	2023-04-02-11	University of Delaware	Contract with Daimler Truck	\$0	\$0	\$178,811
111	2023-04-02-12	University of Delaware	FREE Doctoral Fellowship Initiative	\$0	\$0	\$39,336
112	2023-04-02-13	University of Delaware	Carbon Negative Triacetic Acid Lactone Production	\$0	\$0	\$33,893
113	2023-04-02-14	University of Delaware	Effects of Added Sugars on Brain Endothelial Cells	\$141,292	\$0	\$0
114	2023-04-02-15	University of Delaware	Silicon Photonic Nonvolatile Resonator Arrays for Computation (SiPNRAC)	\$3,690,806	\$0	\$0
115	2023-04-02-16	University of Delaware	Mid-Atlantic Clean Hydrogen Hub (MACH2)	\$0	\$0	\$8,585,499
116	2021-10-02-02 Amendment	Delaware State University	Community Well-Being Initiative - Phase 2	\$45,165	\$0	\$0
117	2023-04-08-01	Delaware State University	Multifunction Enabled Access Through Networked Sensors (MEANS)	\$799,944	\$0	\$0

118	2023-04-08-02	Delaware State University	Project Launch at Delaware State University	\$3,911,017	\$0	\$0
119	2023-04-08-03	Delaware State University	Space Education Excellence for Delaware (SEED)	\$490,000	\$0	\$0
120	2023-04-08-04	Delaware State University	National Summer Transportation Institute	\$60,000	\$0	\$0
121	2023-04-08-05	Delaware State University	Developing Risk Management and Marketing Plans for Shellfish Growers and Specialty Crop Producers in the Northeast and on the Delmarva Peninsula	\$98,948	\$0	\$0
122	2023-04-08-06	Delaware State University	Theme 3: Ag-Forestry-AI (AgFoAI): AI Institute for Agriculture and Forest Mitigation and Adaptation to Climate Change	\$515,155	\$0	\$0

4/14/2023

**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 16, 2023 @ 9:00am

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
New Business*									
1	5859	Executive, Criminal Justice, Criminal Justice Council	Byrne State Crisis Intervention Program	\$1,343,782	\$0	\$0	1.00	0.00	0.00
2	5854	Department of Services for Children, Youth and Their Families Prevention and Behavioral Health Services, Managed Care Organization	National Child Traumatic Stress Initiative	\$600,000	\$0	\$0	0.00	0.00	0.00
3	5794	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Web-Enabling the Delaware Wildlife Action Plan	\$150,000	\$50,000	\$0	0.00	0.07	0.00
4	5856	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Fisheries Research Vessel Continuation and Switch Fund	\$800,139	\$266,712	\$0	0.90	0.14	0.00
5	5809	Department of Safety and Homeland Security, Division of Forensic Science	Byrne Discretionary Community Project Funding	\$670,000	\$0	\$0	0.00	0.00	0.00
6	5862	Department of Safety and Homeland Security, Office of Highway Safety	High Priority Commercial Motor Vehicle Grant	\$255,163	\$0	\$0	0.00	0.00	0.00
7	5814	Department of Agriculture, Animal Health	Swine Health Improvement Plan	\$3,000	\$0	\$0	0.00	0.00	0.00
8	5768 Amendment	Department of Agriculture, Animal Health	Umbrella National Surveillance	\$0	\$0	\$0	1.00	0.00	0.00
9	5484 Amendment	Delaware National Guard	Army Guard Operations and Maintenance Agreement	\$100,000	\$0	\$0	1.00	0.00	0.00
10	5716	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Lums Pond Cabins - Tabled at the February 28, 2023 Meeting	\$4,100,000	\$4,112,300	\$0	0.00	0.00	0.00
Continued									
1	5764	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$223,890	\$74,639	\$0	0.25	0.06	0.00
2	5803	Department of State, Libraries	Library Services and Technology Act	\$1,388,921	\$715,505	\$0	7.00	8.00	0.00
3	5801	Department of Health and Social Services, Public Health, Community Health	Ryan White Care Act Title II	\$4,624,668	\$0	\$0	3.55	0.00	0.00
4	5843	Department of Health and Social Services, Public Health, Community Health	State Office of Rural Health	\$223,410	\$1,055,974	\$0	1.25	0.00	0.00
5	5844	Department of Health and Social Services, Public Health, Community Health	Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke	\$850,000	\$0	\$0	2.77	0.00	0.00
6	5851	Department of Health and Social Services, State Service Centers	Foster Grandparent Program Grant	\$753,531	\$208,074	\$0	0.00	0.00	0.00
7	4938 Amendment	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III C-2 Home Delivered Meals	\$356,278	\$53,442	\$0	0.00	0.00	0.00
8	4939 Amendment	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III E National Family Caregivers Support	\$236,844	\$59,211	\$0	0.00	0.00	0.00
9	5391 Amendment	Department of Health and Social Services, Social Services	Refugee Cash Medical Assistance Program	\$471,525	\$0	\$0	0.00	0.00	0.00
10	5807	Department of Services for Children, Youth, and Their Families, Family Services, Intake/Investigation	Child Abuse Prevention and Treatment Act (CAPTA)	\$302,558	\$0	\$0	4.00	0.00	0.00
11	5836	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV, Part E - Education and Training Vouchers	\$48,990	\$12,248	\$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>

12	5852	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	\$62,337	\$20,779	\$0	0.00	0.00	0.00
13	5808	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Underground Injection Control	\$48,000	\$36,880	\$0	0.64	0.32	0.00
14	5861	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Water Use and Data Research	\$124,642	\$10,740	\$0	0.00	0.00	0.00
15	5822	Department of Safety and Homeland Security, State Police, Executive	USAG Asset Forfeiture - Justice	\$3,000,000	\$0	\$0	0.00	0.00	0.00
16	5823	Department of Safety and Homeland Security, State Police, Executive	USAG Asset Forfeiture - Treasury	\$1,000,000	\$0	\$0	0.00	0.00	0.00
17	5860	Department of Labor, Unemployment Insurance	Pandemic Unemployment Assistance - CARES Act	\$800,000	\$0	\$0	0.00	0.78	0.00
18	5757	Department of Agriculture, Animal Health	Animal Disease Traceability	\$4,646	\$0	\$0	0.00	0.00	0.00
19	5858	Department of Agriculture, Plant Industries	Farm Bill - National Honeybee Survey	\$13,800	\$0	\$0	0.00	0.00	0.00
20	5837	Department of Education, Student Support	Adult Basic Education	\$1,961,151	\$855,548	\$0	0.10	0.00	0.00
21	5839	Department of Education, Student Support	Title IV, Part B - 21st Century Community Learning	\$6,515,398	\$0	\$0	0.80	0.00	0.00
22	5840	Department of Education, Student Support	Education for Homeless Children and Youth	\$403,559	\$0	\$0	0.15	0.00	0.00
23	5841	Department of Education, Office of the Secretary	Rural and Low-Income Schools	\$128,070	\$0	\$0	0.00	0.00	0.00
24	5842	Department of Education, Student Support	Prevention and Intervention Programs for Children	\$430,355	\$0	\$0	0.00	0.00	0.00
25	5846	Department of Education, Student Support	Migrant Education Program Consortium Incentive	\$119,291	\$0	\$0	0.00	0.00	0.00
26	5847	Department of Education, Student Support	Title I Part C Migrant Education	\$509,426	\$0	\$0	1.30	0.00	0.00
27	5848	Department of Education, Student Support	Individuals with Disabilities Education Act Projects for Children and Young Adults Who are Deaf-Blind	\$355,275	\$0	\$0	0.00	0.00	0.00
28	5850	Department of Education, Academic Support	State Assessment and Related Activities	\$3,587,442	\$0	\$0	2.10	0.00	0.00
29	2023-03-20-01	Department of Education, Operations Support	Solar Grants for Delaware Public School Districts - Restating April Agenda Item as Other Funds	-\$15,000,000	\$0	\$15,000,000	0.00	0.00	0.00

Higher Education

1	2023-05-06-01	University of Delaware	RII Track-4: NSF: Understanding the Radiation Tolerance of Optoelectronic Microsystem-on-Chip for Space Exploration	\$198,758	\$0	\$0			
2	2023-05-06-02	University of Delaware	Quantifying Crop Biomechanics Across Plant Lifespans	\$4,000	\$0	\$0			
3	2023-05-06-03	University of Delaware	Multilevel Analysis of the Bidirectional Effects of Cognition and Psychopathology Over Time	\$151,209	\$0	\$0			
4	2023-05-06-04	University of Delaware	Pediatric Primary Care Advanced Fellowship	\$0	\$0	\$454,202			
5	2023-05-06-05	University of Delaware	Development and Expansion of Disease Management Decision-Making Tools Across Multiple Soybean Regions	\$0	\$0	\$45,000			
6	2023-05-06-06	University of Delaware	Psychosocial Predictors of Health Behaviors and Outcomes in Patients with Human Papillomavirus (HPV)-Related Head and Neck Cancer	\$100,806	\$0	\$0			
7	2023-05-06-07	University of Delaware	Uncovering Possible Mechanisms of Prefrontal-Hippocampal Oscillatory Synchrony-Induced Facilitation of Spatial Working Memory in Rats: Role of the Ventral Midline Thalamus	\$275,001	\$0	\$0			

8	2023-05-06-08	University of Delaware	Effect of Maternal Immune Activation on Translocation of Bacterial Cell Wall Fragments from Gut to Brain Throughout Development	\$275,000	\$0	\$0
9	2023-05-06-09	University of Delaware	Towards Trustworthy Collaborative Learning for Multi-institutional Biomedical Data Analysis	\$223,239	\$0	\$0
10	2023-05-06-10	University of Delaware	Efficient and Resilient Biomanufacturing in Variable Gravity	\$0	\$0	\$25,000
11	2023-05-06-11	University of Delaware	Central Networks, Peripheral Factors, and Individual Vulnerability to Postpartum Mood Disorder	\$1,959,769	\$0	\$0
12	2023-05-06-12	University of Delaware	Regulation of Metalloproteinases by Resveratrol in Osteoarthritis Treatment	\$275,002	\$0	\$0
13	2023-05-06-13	University of Delaware	High-Resolution Magnetic Resonance Elastography for In Vivo Analysis of Skull-Brain Dynamics	\$153,353	\$0	\$0
14	2023-05-06-14	University of Delaware	Innovative Tools for Probing the Dynamic Reciprocity in Reductionist Three-Dimensional Cell Culture Systems	\$153,353	\$0	\$0
15	2023-05-06-15	University of Delaware	The Caesar Rodney School District Afterschool and Summer Camp Proposal	\$0	\$0	\$173,483
16	2023-05-06-16	University of Delaware	In Vivo Evaluation of Brain Tissue Integrity in Aging Using a Novel Magnetic Resonance Elastography Technique	\$153,353	\$0	\$0
17	2023-05-06-17	University of Delaware	Empowering the Next Generation of Cancer Professionals: The Fox Chase Cancer Center-University of Delaware Partnership for Undergraduate Research and Career Development	\$0	\$0	\$27,960
18	2023-05-06-18	University of Delaware	Development of a U.S. East Coast Community Ocean Forecast System	\$0	\$0	\$93,751
19	2023-05-06-19	University of Delaware	RII Track-4: NSF: Magnetic Van Der Waals Heterostructures for Quantum Transduction	\$236,733	\$0	\$0
20	2023-05-06-20	University of Delaware	FMRG: Future Biomanufacturing of Food Ingredients for Personalized Nutrition from Waste	\$0	\$0	\$334,786
21	2023-05-06-21	University of Delaware	FMRG: Bio: On-Demand Manufacturing of Glycoengineered Biologics Enabled by Next-Gen GlycoSequencing & NanoSensing Technologies	\$0	\$0	\$336,995
22	2023-05-06-22	University of Delaware	FuSe: Super-Semiconductors with Ultrahigh Electrical Conductivity for Energy-Efficient Electronic Devices	\$732,473	\$0	\$0
23	2023-05-06-23	University of Delaware	Geophysics-Guided Machine Learning System for Identifying Vertical Land Motion and Projecting Relative Sea Level Rise in the Chesapeake Bay Region Using Multi-Geodetic Data	\$0	\$0	\$195,092
24	2023-05-06-24	University of Delaware	Taking Quantum Walks with Quantum Approximate Optimization	\$99,378	\$0	\$0
25	2023-05-06-25	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	\$135,197
26	2023-05-06-26	University of Delaware	Adapttech Moto StepWatch System Evaluation	\$0	\$0	\$115,291
27	2023-05-06-27	University of Delaware	Global Evolution of Irrigation in the 21st Century	\$0	\$0	\$6,250
28	2023-05-06-28	University of Delaware	COVID-19, Vaccinations and School/Community Resources: Children's Longitudinal Health and Education Outcomes Using Linked Administrative Data	\$0	\$0	\$138,679
29	2023-05-06-29	University of Delaware	Interactions of Melanin and Melanin-Inspired Composites Across the Electromagnetic Spectrum	\$0	\$0	\$289,879
30	2023-05-06-30	University of Delaware	NSF INTERN Supplement to EEC-2100502 (NSF IUCRC): Optimization of Site-Specific integration Methods to Accelerate Cell Line Development Practices	\$35,697	\$0	\$0
31	2023-05-06-31	University of Delaware	A Community-Based Medical Support Intervention for Black Birthing People Encountering Social and Structural Adversity	\$0	\$0	\$325,534
32	2023-05-06-32	University of Delaware	A Survey Experiment on the Role of Framing and Macroeconomic Environment on Anti-Immigrant Attitudes	\$0	\$0	\$2,500
33	2023-05-06-33	University of Delaware	A global dataset of monthly irrigated and rainfed cropped areas (MIRCA) for the 21st century	\$0	\$0	\$5,000

34	2023-05-06-34	University of Delaware	Evaluating the Effectiveness and Implementation of Prison-based HIV Assisted Partner Notification in Indonesia	\$0	\$0	\$211,779
35	2023-05-06-35	University of Delaware	Wafer-Scale Growth of Site-Determined Wavelength-Tunable Quantum Emitters in Atomically-Thin (2D) Semiconductors	\$0	\$0	\$95,000
36	2023-05-06-36	University of Delaware	Addressing Evolving Corn Earworm Management Challenges in Sweet Corn Grown in the Eastern US	\$0	\$0	\$266,525
37	2023-05-06-37	University of Delaware	Mentoring Early-Career Researchers: A Follow-Up Conference	\$76,481	\$0	\$0
38	2023-05-06-38	University of Delaware	Development of a Diverse and Competent Food Safety Compliance Workforce to Enhance Trust in a Secure Food System	\$0	\$0	\$52,503
39	2023-05-06-39	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	\$4,624
40	2023-05-06-40	University of Delaware	Hillsborough County Public Schools Leadership Development Program	\$0	\$0	\$72,456
41	2023-05-06-41	University of Delaware	Historic Documentation for Want Water UD-Center for Historic Architecture and Design	\$0	\$0	\$38,143
42	2023-05-06-42	University of Delaware	FMSG: Bio: Bundlemer Biosynthesis for Environmentally Compatible Polymer Network Films	\$318,128	\$0	\$0
43	2023-05-06-43	University of Delaware	Cooperative Extension Service Immunization Education	\$0	\$0	\$19,816
44	2023-05-06-44	University of Delaware	HRI: Service Contracting of Commercialized Naturalistic Landscaping	\$0	\$0	\$6,500
45	2023-05-06-45	University of Delaware	USDA NIFA McIntire Stennis 23 Additional Funding	\$19,096	\$0	\$0
46	2023-05-06-46	University of Delaware	Collaborative Research: Enhancing Genetic Stability by Oscillating Growth and Production	\$361,164	\$0	\$0
47	2023-05-06-47	University of Delaware	FMSG:Eco:Energy-Efficient Additive Manufacturing of Battery Electrodes with Controlled Mesoscale Architecture Towards High Energy and High Power	\$0	\$0	\$105,399
48	2023-05-06-48	University of Delaware	Robust and Adaptive Multi-Sensor Fusion for Long-Term Spatial Perception	\$1,470,440	\$0	\$0
49	2023-05-06-49	University of Delaware	Combining Generative and Physics-Informed AI for Rare Phenomena: A Study of Light Echoes of Ancient Stellar Explosions	\$0	\$0	\$70,001
50	2023-05-06-50	University of Delaware	FuSe: Atomically Precise Manufacturing	\$1,760,124	\$0	\$0
51	2023-05-06-51	University of Delaware	Collaborative Research: FuSe: 3D Distributed Photonic-Electronic Integrated System for Climate and Earth Modeling	\$323,497	\$0	\$0
52	2023-05-06-52	University of Delaware	Collaborative Research: FuSe: Deep Learning and Signal Processing Using Silicon Photonics and Digital CMOS Circuits for Ultra-Wideband Spectrum Perception	\$364,185	\$0	\$0
53	2023-05-06-53	University of Delaware	LH2 Tank for Heavy Duty Trucks and H2 Aircraft	\$0	\$0	\$264,545
54	2023-05-06-54	University of Delaware	The Shape of Attribute Alignment: A Novel Method to See Who on the Team is Responsible for its Performance	\$170,289	\$0	\$0
55	2023-05-06-55	University of Delaware	Analyzing 20 Years of Landbird Data for the Northern Colorado Plateau I&M Network of the National Park Service	\$50,921	\$0	\$0
56	2023-05-06-56	University of Delaware	Collaborative Research: FuSe: Substrate-Inverted Multi-Material Integration Technology	\$237,277	\$0	\$0
57	2023-05-06-57	University of Delaware	GEO-CM: Influence of Liquid-Liquid Immiscibility on the Partitioning of Rare Earth Elements in Ore Forming Fluids	\$411,619	\$0	\$0
58	2023-05-06-58	University of Delaware	Multifunction Enabled Access Through Networked Sensors (MEANS)	\$5,187,410	\$0	\$0
59	2023-05-06-59	University of Delaware	Lab-Scale Additive Manufacturing of Coal-Derived Carbon-Metal Composites for High-Performance Heat Sink	\$806,610	\$0	\$0

60	2023-05-06-60	University of Delaware	Delaware Sickle Cell Data Collection Program	\$0	\$0	\$307,771
61	2023-05-06-61	University of Delaware	Installing Infrastructure and Developing a Workforce for Monitoring Vertical Land Motion in the Atlantic Coastal Plain of Delaware and New Jersey	\$1,401,912	\$0	\$0
62	2023-05-06-62	University of Delaware	Supplemental: Engaging Public Health Perspectives for Translational Microbiome Research	\$0	\$0	\$10,398
63	2023-05-06-63	University of Delaware	Enhanced Mid-Atlantic System Sustainability Through Development of High-Protein and Stress Tolerant Faba Bean for Winter Production	\$0	\$0	\$66,662
64	2023-05-06-64	University of Delaware	The Impact of Domestic Violence Training for Family Court Mediators in Delaware on Procedural Justice Outcomes in Family Court Processes	\$379,554	\$0	\$0
65	2023-05-06-65	University of Delaware	Development of Innovative Technologies and Strategies to Mitigate Biological, Chemical, Physical, and Environmental Threats to Food Safety	\$0	\$0	\$65,972
66	2023-05-06-66	University of Delaware	Compounded Vulnerability: The Impact of Disasters on Community Supervision	\$0	\$0	\$88,516
67	2023-05-06-67	University of Delaware	Project AWARE - Evaluation Services	\$0	\$0	\$90,851
68	2023-05-06-68	University of Delaware	Proposed Preceptorship Experience for Brendan Hughes in the Delaware ACTIVE Lab	\$0	\$0	\$1,000
69	2023-05-06-69	University of Delaware	SAM: Sustainable Anthracnose Management for Watermelon and Cucumber Growers in the Eastern U.S.	\$0	\$0	\$174,985
70	2023-05-06-70	University of Delaware	Building Global Competencies Related to a Sustainable Textiles and Apparel Industry and Consumers	\$105,006	\$0	\$0
71	2023-05-06-71	University of Delaware	Federal and State Technology Partnership Program (FAST)	\$114,679	\$0	\$0
72	2023-05-06-72	University of Delaware	Generating High-Quality Precipitation Data with Generative AI: Advancing Water Resources Management at a Continental Scale	\$0	\$0	\$69,844
73	2023-05-06-73	University of Delaware	Biodistribution of Megakaryocyte-Derived Extracellular Vesicles (MkEVs)	\$0	\$0	\$45,000
74	2023-05-06-74	University of Delaware	Optimal Fourier Analysis of Radial Velocity Time Series	\$212,371	\$0	\$0
75	2023-05-06-75	University of Delaware	Untangling the Relationship Between Concentrated Disadvantage and School Violence	\$188,991	\$0	\$0
76	2023-05-06-76	University of Delaware	Don't Forget the Foot! Exposing Foot Energetics to Enhance Foot Orthoses and Gait Rehabilitation Supplement	\$8,542	\$0	\$0
77	2023-05-06-77	University of Delaware	Advanced Neutron Scattering Studies of Nonequilibrium Soft Matter and Complex Fluids	\$572,773	\$0	\$0
78	2023-05-06-78	University of Delaware	Development of Biological Control Methods for Management of Spotted Lanternflies	\$21,739	\$0	\$0
79	2023-05-06-79	University of Delaware	UR2PhD: Undergraduate Research to PhD National Mentoring Program	\$0	\$0	\$114,677
80	2023-05-06-80	University of Delaware	Artificial Protein Generative Qualities of Transformer Decoders	\$0	\$0	\$70,001
81	2023-05-06-81	University of Delaware	Cyclospora Collaborative for Outreach, Research, and Education (CycloCORE) Consortium Network	\$0	\$0	\$875,592
82	2023-05-06-82	University of Delaware	Improving NCAA Athletes Social Support	\$0	\$0	\$7,456
83	2023-05-06-83	University of Delaware	Enhancing Efficiency of Field Sample Submissions to High Throughput Laboratories	\$261,700	\$0	\$0
84	2023-05-06-84	University of Delaware	Lipid Dependent GPCR Signaling: Thermodynamics and Mechanisms	\$1,250,000	\$0	\$0
85	2023-05-06-85	University of Delaware	Mid-scale RI-1 (M1:DP): WoU-MMA: Consortium Proposal for the Radio Neutrino Observatory in Greenland	\$0	\$0	\$442,187

86	2023-05-06-86	University of Delaware	Addressing Evolving Corn Earworm Management Challenges in Sweet Corn Grown in the Eastern US	\$0	\$0	\$266,525
87	2023-05-06-87	University of Delaware	Illuminating Hídalgos: A Cross-Disciplinary Project to Understand Spanish Illuminations	\$231,968	\$0	\$0
88	2023-05-06-88	University of Delaware	PFI-TT: Nanostructured Textile-Based Wearable Sensors: Innovative Functional Garments for Virtual Health and Rehabilitation	\$349,618	\$0	\$0
89	2023-05-06-89	University of Delaware	Providing Effective Puberty Sex Education for All Learners	\$0	\$0	\$4,992
90	2023-05-06-90	University of Delaware	APEX Accelerators of Delaware	\$218,533	\$58,551	\$0
91	2023-05-13-01	Delaware State University	Constraining Exospheric Water Using Mid-IR Sensing and LIBS in Lunar Missions	\$899,016	\$0	\$0
92	2023-05-13-02	Delaware State University	Black Male Initiative Summer Experience	\$603,000	\$0	\$0
93	2023-05-13-03	Delaware State University	Delaware State University Substance Abuse and Behavioral Health Workforce Development Program	\$1,836,475	\$0	\$0
94	2023-05-13-04	Delaware State University	Establish Inter-institutional Collaboration to Enhance Capacity and Experiential Learning in Phytochemistry and Medicinal Plant Research at Delaware State University	\$150,000	\$0	\$0
95	2023-05-13-05	Delaware State University	R11 Track-4 Transition Metal Nanoparticles Confinement	\$300,000	\$0	\$0
96	2023-05-13-06	Delaware State University	School Emergency Response to Violence (Project Serve)	\$217,000	\$0	\$0

5/3/2023

**Delaware State Clearinghouse Committee
Revised June Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
June 29, 2023 @ 10:00am

<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>
New Business*									
1	5866	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Clean Air Act Grant - Inflation Reduction Act	\$286,137	\$0	\$0	0.00	0.00	0.00
2	5878	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Conservation of Juvenile Atlantic Sturgeon	\$48,000	\$0	\$0	0.00	0.00	0.00
3	5331 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous	Support Agency Cooperative Agreement - Brownfields Amendment & Switch Fund	\$444,705	\$0	\$0	2.60	0.00	0.00
4	5875	Department of Agriculture, Administration, Plant Industries	Spotted Lanternfly Outreach	\$102,777	\$0	\$0	0.30	0.00	0.00
5	120101-1	Executive, Office of the Lieutenant Governor	Opioid Settlement Fund 3.00 NSF FTEs Request	\$0	\$0	\$0	0.00	0.00	3.00
Continued									
1	5883	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Assistance Grant	\$4,709,524	\$0	\$1,118,512	2.90	0.00	0.00
2	5914	Executive, Criminal Justice, Criminal Justice Council	Presidential Security Assistance Grant	\$2,243,184	\$0	\$0	0.00	0.00	0.00
3	2023-04-04-02	Executive, Delaware State Housing Authority	Community Development Block Grant	\$2,684,959	\$0	\$0	0.00	0.00	0.00
4	2023-04-04-03	Executive, Delaware State Housing Authority	Housing Opportunities for Persons with Aids	\$399,987	\$0	\$0	0.00	0.00	0.00
5	2023-04-04-04	Executive, Delaware State Housing Authority	HOME Investment Partnership	\$3,000,000	\$0	\$0	0.00	0.00	0.00
6	2023-04-04-05	Executive, Delaware State Housing Authority	Emergency Solutions Grants Program	\$259,897	\$0	\$0	0.00	0.00	0.00
7	2023-04-04-06	Executive, Delaware State Housing Authority	Recovery Housing Program (CDBG)	\$1,382,343	\$0	\$0	0.00	0.00	0.00
8	2023-04-12-01	Executive, Delaware State Housing Authority	Public Housing Capital Program - Moving to Work	\$1,029,061	\$0	\$0	0.00	0.00	0.00
9	2023-04-12-02	Executive, Delaware State Housing Authority	Public Housing Operations Program - Moving To Work	\$2,864,260	\$0	\$685,940	0.00	0.00	0.00
10	2023-04-13-01	Executive, Delaware State Housing Authority	Family Unification Program	\$452,570	\$0	\$0	0.00	0.00	0.00
11	2023-04-13-02	Executive, Delaware State Housing Authority	Mainstream Voucher Program	\$666,162	\$0	\$0	0.00	0.00	0.00
12	2023-04-14-01	Executive, Delaware State Housing Authority	Housing Choice Vouchers (Moving To Work)	\$9,780,040	\$0	\$0	0.00	0.00	0.00
13	2023-04-19-01	Executive, Delaware State Housing Authority	Performance Based Contract Administrator Program	\$45,305,819	\$0	\$0	0.00	0.00	0.00
14	5880	Department of State, Division of Arts, Office of the Director	Promotion of the Arts -Partnership Agreement	\$935,000	\$935,000	\$0	3.00	0.00	0.00
15	5749	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
16	5772	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families	\$32,290,981	\$33,745,927	\$0	28.67	26.25	0.00
17	5773	Department of Health and Social Services, Public Health, Community Health	Milk and Shellfish Grant Program	\$4,779	\$0	\$0	0.00	0.00	0.00

18	5788	Department of Health and Social Services, Social Services	Child Care Development - Discretionary	\$19,895,267	\$1,616,137	\$0	17.55	18.15	0.00
19	5789	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program	\$19,533,601	\$19,533,601	\$0	133.78	133.88	0.00
20	5799	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness Cooperative Agreement	\$5,968,680	\$596,868	\$0	33.00	4.76	0.00
21	5816	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families-Contingency	\$4,000,000	\$0	\$0	0.00	0.00	0.00
22	5817	Department of Health and Social Services, Social Services	Social Services Block Grant	\$4,900,000	\$0	\$0	14.80	0.00	0.00
23	5818	Department of Health and Social Services, Social Services	Child Care Development - Mandatory	\$5,179,330	\$5,179,325	\$0	0.00	0.00	0.00
24	5819	Department of Health and Social Services, Social Services	Child Care Development Fund - Matching	\$6,286,328	\$6,286,328	\$0	0.00	0.00	0.00
25	5820	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Employment and Training - Administration	\$333,150	\$0	\$0	0.00	0.00	0.00
26	5821	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Employment and Training - Operations	\$280,048	\$280,048	\$0	0.00	0.00	0.00
27	5826	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Employment and Training - Participation Reimbursement	\$45,588	\$45,589	\$0	0.00	0.00	0.00
28	5827	Department of Health and Social Services, Social Services	Supplemental Nutritional Program Nutritional Education	\$1,235,360	\$0	\$0	0.00	0.00	0.00
29	5829	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children	\$2,908,721	\$0	\$0	11.00	0.00	0.00
30	5832	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Access	\$3,750	\$0	\$0	0.00	0.00	0.00
31	5833	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program State Exchange	\$8,125	\$0	\$0	0.00	0.00	0.00
32	5855	Department of Health and Social Services, Public Health, Community Health	Ryan White Care Act Title II Supplement	\$2,000,000	\$0	\$0	0.00	0.00	0.00
33	5886	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Services XIX-MAP24	\$2,105,222,310	\$955,271,700	\$0	0.00	0.00	0.00
34	5888	Department of Health and Social Services, Substance Abuse and Mental Health	Substance Abuse Prevention & Treatment Services	\$7,530,296	\$0	\$0	3.20	0.00	0.00
35	5895	Department of Health and Social Services, Public Health, Community Health	National Cancer Prevention and Control Program	\$1,964,569	\$1,492,776	\$0	11.00	3.00	0.00
36	5896	Department of Health and Social Services, Public Health, Community Health	Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke	\$949,314	\$0	\$0	2.48	0.00	0.00
37	5898	Department of Health and Social Services, Office of the Secretary	Delaware Health Insurance Individual Market Stabilization	\$46,734,709	\$0	\$0	0.00	0.00	0.00
38	5904	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant	\$2,075,248	\$0	\$0	1.00	0.00	0.00
39	5906	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Disease	\$11,281,711	\$0	\$0	16.18	0.00	0.00
40	5870	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B Subpart 1 - Child Welfare Services	\$827,899	\$276,317	\$0	3.00	0.00	0.00
41	5871	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Independent Living Program	\$500,000	\$125,000	\$0	2.00	0.00	0.00
42	5872	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Kinship Navigator Program	\$200,000	\$44,141	\$0	0.00	0.00	0.00
43	5863	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Regional Conservation Needs	\$112,695	\$0	\$68,699	0.00	0.00	0.00

44	5868	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	E-2-34 Delaware's Rare Plant Conservation Program	\$16,170	\$5,390	\$0	0.00	0.02	0.00
45	5869	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	E-1-32 Delaware's Endangered Species Program	\$48,075	\$16,025	\$0	0.00	0.04	0.00
46	5892	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Land and Water Conservation Fund - Recreation Plan	\$57,000	\$57,000	\$0	0.00	0.00	0.00
47	5874	Department of Agriculture, Plant Industries	Spotted Lanternfly Survey	\$550,000	\$0	\$0	0.70	0.00	0.00
48	2023-04-27-01	Caesar Rodney School District	Dover Air Force Base School Budget	\$11,073,983	\$0	\$0	0.00	0.00	0.00

Higher Education

1	5865	Delaware Technical Community College	DEMEP Hollings Manufacturing Extension Partnership	\$399,648	\$0	\$0			
2	5899	Delaware Technical Community College	Federal Work Study DTCC	\$444,184	\$111,046	\$0			
3	5901	Delaware Technical Community College	Federal Supplemental Educational Opportunity Grants (FSEOG) DTCC	\$435,882	\$145,294	\$0			
4	5902	Delaware Technical Community College	Pell DTCC CW	\$18,221,671	\$0	\$0			
5	5903	Delaware Technical Community College	Federal Direct Student Loan Program	\$15,090,113	\$0	\$0			
6	2023-06-03-01	University of Delaware	Paternal Control of the Oocyte-to-Embryo Transition in C. Elegans	\$0	\$0	\$418,768			
7	2023-06-03-02	University of Delaware	NSF ERC (Engineering Research Center): Carbon Utilization Redesign Through Biomufacturing-Empowered Decarbonization (CURB)	\$0	\$0	\$2,821,203			
8	2023-06-03-03	University of Delaware	Achieving Sustainable Irrigation Expansion to Minimize Climate-Related Crop Production Losses	\$0	\$0	\$403,573			
9	2023-06-03-04	University of Delaware	Designing Routes to Diverse Therapeutic Products by L-Threonine Transaldolase Discovery	\$238,994	\$0	\$0			
10	2023-06-03-05	University of Delaware	Development of Numerical Methods for Improved MRI Myelin Mapping in the Brain Through Use of Localized Regularization of a Particular Fredholm Equation of the First Kind	\$6,000	\$0	\$0			
11	2023-06-03-06	University of Delaware	Super-Resolution Satellite Lidar Imaging Via Physics-Inspired Deep Learning	\$182,850	\$0	\$0			
12	2023-06-03-07	University of Delaware	Farmers Market Healthy Recipe Demonstration Project	\$0	\$0	\$24,300			
13	2023-06-03-08	University of Delaware	Synthetic Biology Tools to Reveal Alternative N-Termini and Their Rules of Proteolysis	\$524,037	\$0	\$0			
14	2023-06-03-09	University of Delaware	Advancing Thin Film Optical Modulators (ATOM)	\$0	\$0	\$325,358			
15	2023-06-03-10	University of Delaware	Force and Motion Foundation Travel Award	\$0	\$0	\$1,000			
16	2023-06-03-11	University of Delaware	Delaware INBRE (Supplement)	\$626,669	\$0	\$0			
17	2023-06-03-12	University of Delaware	Delaware INBRE (Supplement)	\$223,493	\$0	\$0			
18	2023-06-03-13	University of Delaware	Photonic Integrated Circuit Co-Packaging and Integration Center (PIC)2	\$792,067	\$0	\$0			
19	2023-06-03-14	University of Delaware	Retirement and Disability Research Consortium (RDRC) Research Center	\$0	\$0	\$17,802			
20	2023-06-03-15	University of Delaware	A Longitudinal Study of Physiological Arousal During Screen Time: Effects on Infant Word Learning and Cognition	\$0	\$0	\$272,728			
21	2023-06-03-16	University of Delaware	JFS DNEA Tier 3 Mallory	\$0	\$0	\$46,115			

22	2023-06-03-17	University of Delaware	Signaling, Sensing, and Enzymatic Roles of Disordered Selenoproteins	\$1,250,000	\$0	\$0
23	2023-06-03-18	University of Delaware	Metalizing Printable Inks for High Performance FHE Interconnect in Wearable Wireless Power Systems	\$0	\$0	\$67,619
24	2023-06-03-19	University of Delaware	Wood Duck Reproductive Success and Brood Ecology from Artificial Nest Boxes on Millington WMA	\$0	\$0	\$40,255
25	2023-06-03-20	University of Delaware	Role of Altered Gravity on Plants Response to Opportunistic Human Pathogens and Food Safety in Space	\$201,930	\$0	\$0
26	2023-06-03-21	University of Delaware	Childcare Projects Evaluation	\$0	\$0	\$88,429
27	2023-06-03-22	University of Delaware	Global Centers Track 1: Global Center for the Green Energy Transition by Electrification (C-GET)	\$3,611,336	\$0	\$0
28	2023-06-03-23	University of Delaware	A Multilevel Analysis of Risk for Aggression	\$0	\$0	\$932,556
29	2023-06-03-24	University of Delaware	Christiana Care HealthCare Services Research Amendment 17B	\$0	\$0	\$2,764
30	2023-06-03-25	University of Delaware	Center for Cellular Metabolism Research in Oklahoma	\$0	\$0	\$200,000
31	2023-06-03-26	University of Delaware	Extreme Mechanics of the Human Brain Via Integrated In Vivo and Ex Vivo Mechanical Experiments	\$153,460	\$0	\$0
32	2023-06-03-27	University of Delaware	Advancing Chemical Biology Through Innovative Chemistry	\$0	\$0	\$424,444
33	2023-06-03-28	University of Delaware	High Throughput Precision Scanning System for Integrated Photonic High Q Resonators	\$64,150	\$0	\$0
34	2023-06-03-29	University of Delaware	A Transformative Platform to Combat Antibiotic Resistant Bacteria	\$0	\$0	\$470,325
35	2023-06-03-30	University of Delaware	Harnessing Alkyl Amines and Alkyl Alcohols in Cross-Coupling Reactions	\$1,849,802	\$0	\$0
36	2023-06-03-31	University of Delaware	Water Resources Research Act Program Annual Base Grants FY2023	\$146,840	\$0	\$0
37	2023-06-03-32	University of Delaware	Green Approach to Trans-Cyclooctene Synthesis for Bioorthogonal Chemistry Applications	\$0	\$0	\$72,001
38	2023-06-03-33	University of Delaware	Designing a Fisheries & Aquaculture Innovation Center (FAIC) to Advance the Blue Economy in Delaware	\$0	\$0	\$439,128
39	2023-06-03-34	University of Delaware	Delaware Center for Musculoskeletal Research, Administrative Supplement	\$685,322	\$0	\$0
40	2023-06-03-35	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$425,150	\$0	\$0
41	2023-06-03-36	University of Delaware	Delaware Center for Musculoskeletal Research, Administrative Supplement	\$712,124	\$0	\$0
42	2023-06-03-37	University of Delaware	Delaware INBRE (Supplement)	\$413,851	\$0	\$0
43	2023-06-03-38	University of Delaware	Delaware INBRE (Supplement)	\$637,151	\$0	\$0
44	2023-06-03-39	University of Delaware	Ground-Based Studies to Investigate the Genetic, Phenotypic, and Behavioral Responses in C. Elegans Exposed to Lunar Regolith and Microgravity	\$187,156	\$0	\$0
45	2023-06-03-40	University of Delaware	Deep Transcriptomic and Proteomic Profiling of Joint Pain-Mediating Neurons in the Dorsal Root Ganglion	\$0	\$0	\$149,093
46	2023-06-03-41	University of Delaware	High-Resolution Mass Spectrometry for Biocontainment Research & Education	\$496,844	\$0	\$0
47	2023-06-03-42	University of Delaware	ART: Brown University Pathways to Impact (Pathways)	\$0	\$0	\$79,833

48	2023-06-03-43	University of Delaware	UD Center for Neutron Science: Advanced Neutron Metrology for Soft Matter Science & Engineering	\$7,536,006	\$0	\$0
49	2023-06-03-44	University of Delaware	Predocotrinal Training in SensoriMotor Neuroscience	\$1,891,388	\$0	\$0
50	2023-06-03-45	University of Delaware	Delaware INBRE (Supplement)	\$558,961	\$0	\$0
51	2023-06-03-46	University of Delaware	Delaware INBRE (Supplement)	\$697,654	\$0	\$0
52	2023-06-03-47	University of Delaware	Delaware INBRE (Supplement)	\$552,721	\$0	\$0
53	2023-06-03-48	University of Delaware	Superconducting Nanowire Single Photon Detector Array for Investigating Qubit, Quantum Emitter, and Quantum Photonic Materials and Devices	\$440,900	\$0	\$0
54	2023-06-03-49	University of Delaware	OES Fellowship Shores	\$43,750	\$0	\$0
55	2023-06-03-50	University of Delaware	Leadership Development & School Improvement	\$0	\$0	\$527,323
56	2023-06-03-51	University of Delaware	Center for Field-Driven Decarbonization (CFD2) for Far-from-Equilibrium Heating	\$0	\$0	\$1,651,747
57	2023-06-03-52	University of Delaware	Repurposing Space to Make Way for the Construction of a Fisheries & Aquaculture Innovation Center (FAIC)	\$0	\$0	\$64,000
58	2023-06-03-53	University of Delaware	Delaware Center for Musculoskeletal Research, Administrative Supplement	\$285,308	\$0	\$0
59	2023-06-03-54	University of Delaware	Structural Biology Core 4: Rationally-Designed Paramyxovirus and Arenavirus Prototype Vaccines and Monoclonal Antibodies to Protect the Next Generation in the Next Pandemic	\$0	\$0	\$801,947
60	2023-06-03-55	University of Delaware	Optimization of a Biochar Platform from Corn Stover Lignin for Carbon Storage Soil and Increased Crop Yield	\$0	\$0	\$1,149,397
61	2023-06-03-56	University of Delaware	DIEEC New Directions Early Head Start Year 27	\$2,948,543	\$0	\$0
62	2023-06-03-57	University of Delaware	Refining Side Scan Sonar as a Tool to Support Management of Asian Carp	\$32,158	\$0	\$0
63	2023-06-03-58	University of Delaware	APHIS NAHLN Farm Bill to Enhance the Ability of NAHLN Laboratories to Respond to Adverse Animal Health Event	\$202,131	\$0	\$0
64	2023-06-03-59	University of Delaware	Understanding Tear Film Stimulation and Corneal Sensory Responses in Normal and Dry Eye Patients	\$0	\$0	\$494,857
65	2023-06-03-60	University of Delaware	Implementation of a Parenting and Financial Planning Intervention for Low-Income Head Start Families	\$0	\$0	\$59,992
66	2023-06-03-61	University of Delaware	Roles and Interplay of the Multiple Processes Underlying Exploratory and Adaptive Sensorimotor Behavior	\$1,769,614	\$0	\$0
67	2023-06-03-62	University of Delaware	Liberty County School System School Improvement Plan Consulting Services	\$0	\$0	\$53,991
68	2023-06-03-63	University of Delaware	Differentiating Phosphorus Sources Using Phosphate Oxygen Isotopes to Identify Contributing Watersheds	\$258,393	\$0	\$0
69	2023-06-03-64	University of Delaware	Collaborative Research: Biomechanical Control of Phagocytosis in 4D using Static and Dynamic Engineered Tissue Microenvironments and Physiological Synthetic Particles	\$271,209	\$0	\$0
70	2023-06-03-65	University of Delaware	An Activity-Based Biomolecule Labeling Platform for the Imaging of Cells and Tissues Under Oxidative Stress	\$504,531	\$0	\$0
71	2023-06-03-66	University of Delaware	Delaware Sea Grant: FY 2023 Sea Grant Base Supplement and Coastal Adaptation and Resilience	\$101,857	\$0	\$0
72	2023-06-03-67	University of Delaware	Using Newly Developed and Low-Cost Optical Tools to Improve the Efficacy of Coral Restoration Practices Within the Florida Keys	\$0	\$0	\$102,714
73	2023-06-03-68	University of Delaware	Evaluation of the Delaware Plan to Reduce Unintended Pregnancy	\$0	\$0	\$19,320

74	2023-06-03-69	University of Delaware	University of Delaware Equipment for Gene Therapy Suite	\$4,999,422	\$0	\$0
75	2023-06-03-70	University of Delaware	Understanding ABCA4 Variants of Unknown Significance Through Computational and Functional Approaches	\$2,015,300	\$0	\$0
76	2023-06-03-71	University of Delaware	In Vivo Imaging of the Mechanical Integrity of the Skull-Brain Interface in Traumatic Brain Injury	\$0	\$0	\$221,083
77	2023-06-03-72	University of Delaware	Discovery of Molecular Probes and Therapeutic Leads, Team Science, Wei	\$689,160	\$0	\$0
78	2023-06-03-73	University of Delaware	ART: Translating Engineering Driven Health Initiatives from Idea to Impact	\$4,032,304	\$0	\$0
79	2023-06-03-74	University of Delaware	NRI: INT: Collab: Anthropomorphic Robotic Ankle Prosthesis with Programmable Materials	\$16,000	\$0	\$0
80	2023-06-03-75	University of Delaware	Delaware INBRE (Supplement)	\$395,531	\$0	\$0
81	2023-06-03-76	University of Delaware	Discovery of Molecular Probes and Therapeutic Leads, Team Science, Perilla	\$672,369	\$0	\$0
82	2023-06-03-77	University of Delaware	Multifunction Enabled Access Through Networked Sensors (MEANS)	\$6,513,256	\$0	\$0
83	2023-06-03-78	University of Delaware	Multifunctional Vapor Treatment of Perovskite Films Compatible to Scalable in-Line Vapor Transport Process	\$161,537	\$0	\$0
84	2023-06-03-79	University of Delaware	Laser-Fired Back Contacts for Cadmium Telluride Solar Cells	\$161,537	\$0	\$0
85	2023-06-03-80	University of Delaware	Design-Build of the Securing American Biomanufacturing Research and Education Center (SABRE Center) - 2	\$10,000,000	\$0	\$0
86	2023-06-03-81	University of Delaware	Discovery of Molecular Probes and Therapeutic Leads, Team Science Chain	\$690,752	\$0	\$0
87	2023-06-03-82	University of Delaware	Discovery of Molecular Probes and Therapeutic Leads, Team Science, Kunjapur	\$399,981	\$0	\$0
88	2023-06-03-83	University of Delaware	Drinking Water Salinity in a Hot-Dry Environment: Water Needs, Kidney Function, and Blood Pressure	\$0	\$0	\$44,255
89	2023-06-03-84	University of Delaware	A Self-Determination Theory-Guided Health Intervention to Improve Uptake and Sustainability of Physical Activity Engagement and Reduce Sedentary Behavior in Autistic Adults	\$0	\$0	\$50,000
90	2023-06-03-85	University of Delaware	CY2023 NSF SHIP OPS Support	\$1,275,661	\$0	\$0
91	2023-06-03-86	University of Delaware	The Delaware Comprehensive Sickle Cell Research Center	\$0	\$0	\$157,032
92	2023-06-03-87	University of Delaware	Fatigability and Biomechanical Mechanisms of Increased Fall Risk in People with Knee Osteoarthritis	\$275,000	\$0	\$0
93	2023-06-03-88	University of Delaware	Delaware SEU Energy Assessment Program	\$0	\$0	\$110,435
94	2023-06-03-89	University of Delaware	Acquisition of Goods and Services	\$7,001	\$0	\$0
95	2023-06-03-90	University of Delaware	SWIR/MWIR Dual Band Imager for Man Portable Applications	\$0	\$0	\$18,546
96	2023-06-03-91	University of Delaware	Towards a United States Ocean Literacy Strategy	\$0	\$0	\$25,073
97	2023-06-03-92	University of Delaware	Freedom from Racist and Gendered Injustice and Silencing: Affirming Multivocal Humanities	\$0	\$0	\$100,000
98	2023-06-03-93	University of Delaware	Effect of Moisture Management in Poultry Operations on Production Performance and Economic Analysis Study	\$0	\$0	\$69,906
99	2023-06-03-94	University of Delaware	Advanced Imaging for Roadbed Condition Monitoring and Assessment	\$192,350	\$0	\$0

100	2023-06-03-95	University of Delaware	Sedentary Behavior in Knee Osteoarthritis: A Nationwide Internet-Based Observational Study	\$2,808,309	\$0	\$0
101	2023-06-03-96	University of Delaware	LSSTC Catalyst Fellowship Funded Mentors	\$0	\$0	\$50,000
102	2023-06-03-97	University of Delaware	Enhancing the Quality of Kindergarten Services	\$0	\$0	\$110,697
103	2023-06-03-98	University of Delaware	"Anti-Woke" State Education Policy's Influence on School Wellness Outcomes: A Quantitative Critical Analysis	\$0	\$0	\$75,000
104	2023-06-03-99	University of Delaware	Megakaryocytic Extracellular Vesicles (MkEVs) to Target Blood Stem Cells	\$0	\$0	\$22,140
105	2023-06-04-01	University of Delaware	A Data-based Risk Evaluation for Quantifying the Effect of Combining Automated and Manual Inspections on Reducing Track-Caused Derailments	\$0	\$0	\$213,265
106	2023-06-04-02	University of Delaware	Modeling and Field Studies to Optimize Shoreline Benefits of Nearshore Oyster Restoration and Aquaculture	\$0	\$0	\$12,360
107	2023-06-04-03	University of Delaware	Oceanographic Technical Services	\$123,797	\$0	\$0
108	2023-06-04-04	University of Delaware	Collaborative Research: Predicting Current-Use Pesticides and Emerging Flame Retardants in a Changing Arctic - Fate and Phototransformation	\$15,658	\$0	\$0
109	2023-06-04-05	University of Delaware	Social Interaction Influences the Reading Writing Connection	\$1,574,198	\$0	\$0
110	2023-06-04-06	University of Delaware	Collaborative Proposal: Southern Ocean as a Driver of Antarctic Sea Ice Variability (SODASI)	\$0	\$0	\$393,879
111	2023-06-04-07	University of Delaware	Collaborative Research: NSF/MCB: Repurposing Metabolite-Responsive Aptamers for Real-Time Sensing and Dynamic Control of Cas6-Mediated Metabolon Assembly	\$332,421	\$0	\$0
112	2023-06-04-08	University of Delaware	Doctoral Dissertation Research: Characterizing the Global Political Economic Impact of China And Russia's Involvement in the African Space Program: Implications for US National Security, Science and Technology Development	\$19,820	\$0	\$0
113	2023-06-04-09	University of Delaware	Clima: Addressing Construction Thermoset Plastic Waste Via Recyclable Polymer Networks	\$492,180	\$0	\$0
114	2023-06-04-10	University of Delaware	The Effects of Educating Parents About Ways to Play with Babies on Parent-Child Interactions	\$0	\$0	\$1,500
115	2023-06-04-11	University of Delaware	Adding Insult to Injury: Determining the Effects of Mild Traumatic Brain Injury History on Age-Related Balance Decline	\$2,891,688	\$0	\$0
116	2023-06-04-12	University of Delaware	Center for Hierarchical and Robust Modeling of Non-Equilibrium Transport (CHaRMNET)	\$0	\$0	\$84,375
117	2023-06-04-13	University of Delaware	Chincoteague Inlet Modeling Study - Continuation Wallops Island	\$0	\$0	\$75,691
118	2023-06-04-14	University of Delaware	New Sensing Capability for Quantifying Coastal Suspended Sediment Concentration	\$596,863	\$0	\$0
119	2023-06-04-15	University of Delaware	Automated Detection Platform of Circulating and Exosomal miRNAs	\$0	\$0	\$47,500
120	2023-06-04-16	University of Delaware	Bookworms Coaching for Milford School District	\$0	\$0	\$22,804
121	2023-06-10-01	Delaware State University	Project Brave Space	\$400,000	\$0	\$0
122	2023-06-10-02	Delaware State University	Closing the Loop on Bioenergy Production: Biochar Strategies to Maximize Soil Carbon Stocks and Reduce Carbon Intensity of Bioenergy Feedstocks	\$644,666	\$0	\$0
123	2023-06-10-03	Delaware State University	Integrating Data-Driven Earth Science, Astrophysics, and Space Exploration in Engineering and Computer Science Curricula for Next-Generation NASA Workforce	\$1,198,889	\$0	\$0
124	2023-06-10-04	Delaware State University	HPC Cluster to Strengthen Delaware State University Genomics Core Center	\$403,227	\$0	\$0

Revised 6/26/2023

**Delaware State Clearinghouse Committee
Revised July Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
July 25, 2023 @ 10:00am

<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>
New Business*									
1	5882	Department of Health and Social Services, Public Health, Community Health	Vaccine Tracking Automation (VTrckS)	\$400,000	\$0	\$0	0.00	0.00	0.00
2	5925	Department of Health and Social Services, Office of the Secretary, Administration	Innovations in Nutrition Program and Services	\$448,632	\$149,544	\$0	0.00	0.00	0.00
3	5932	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Harvey and Knott Drum, Inc. Remedial Investigation/Feasibility Study Operable Unit 1	\$17,057	\$0	\$0	0.05	0.00	0.00
4	5939	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Solid Waste Infrastructure For Recycling - IIJA	\$531,690	\$0	\$0	0.00	0.00	0.00
5	3660 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Division of Waste and Hazardous Substances	Support Agency Cooperative Agreement - CORE Amendment & Switch Fund	\$1,384,002	\$279,262	\$0	5.30	1.00	0.00
6	5876	Department of Safety and Homeland Security, State Police	Law Enforcement Mental Health and Wellness Act Implementation Projects	\$200,000	\$0	\$0	0.00	0.00	0.00
7	5879	Department of Safety and Homeland Security, State Police	Community Oriented Policing Service Anti-Heroin Task Force Program	\$253,548	\$0	\$0	0.00	0.00	0.00
8	5942	Seaford School District	Project Keep Seaford School District Safe	\$401,475	\$133,825	\$0	0.00	0.00	0.00
9	5717	Sussex Montessori Charter School	Community Facility Grant - Exterior	\$200,000	\$15,640	\$0	0.00	0.00	0.00
10	2023-05-30-01	Sussex Montessori Charter School	Growing Minds, Growing Bodies (Matching funds for SAI 5717)	\$0	\$0	\$148,000	0.00	0.00	0.00
11	2023-04-24-01	Department of Education, Office of the Secretary	States Leading Recovery	\$500,000	\$0	\$1,500,000	0.00	0.00	0.00
Continued									
1	5927	Judicial, Family Court	Court Improvement Program Grant	\$299,657	\$100,789	\$0	1.00	0.47	0.00
2	5938	Executive, Criminal Justice, Criminal Justice Council	Family Violence Service and Prevention Act Grant	\$865,110	\$10,813	\$205,464	0.41	0.10	0.00
3	5890	Department of State, Historical and Cultural Affairs, Office of the Director	Historic Preservation Grant-in-Aid	\$668,277	\$445,518	\$0	5.40	3.50	0.00
4	5867	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	\$468,475	\$0	\$0	0.00	0.00	0.00
5	5913	Department of Health and Social Services, Public Health, Community Health	Hospital Preparedness Program	\$1,086,723	\$108,672	\$0	2.15	0.00	0.00
6	5915	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Senior Community Service Employment Program	\$1,707,878	\$20,100	\$189,445	0.75	0.25	0.00
7	5928	Department of Health and Social Services, Public Health, Community Health	Well-Integrated Screening & Evaluation for Women	\$650,000	\$216,667	\$0	1.10	0.34	0.00
8	5378 Amendment	Department of Health and Social Services, Social Services	Refugee Social Service Program	\$396,354	\$0	\$0	0.00	0.00	0.00
9	5572 Amendment	Department of Health and Social Services, Social Services	Supplemental Nutritional Assistance Program - ARP COVID-19	\$619,471	\$0	\$0	0.00	0.00	0.00
10	5931	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	\$984,388	\$668,318	\$0	2.00	6.00	0.00

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

11	5933	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Secretary	Title IV-E Foster Care	\$8,110,832	\$8,110,832	\$0	0.00	0.00	0.00
12	5934	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Adoption Assistance	\$5,022,125	\$5,022,125	\$0	0.00	0.00	0.00
13	5900	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Port Security	\$45,135	\$15,045	\$0	0.00	0.00	0.00
14	5908	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Nonpoint Source Implementation Grant	\$1,228,700	\$700,163	\$125,637	3.22	2.80	0.00
15	5921	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Water Quality Management - Planning	\$151,000	\$0	\$0	0.00	0.00	0.00
16	5940	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Beaches Environmental Assessment and Coastal Health	\$223,000	\$0	\$0	0.00	0.00	0.00
17	5496 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Infrastructure Support for Effective Basins	\$3,523,018	\$0	\$0	0.00	0.00	0.00
18	5598 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Brownfields Revitalization - I/JA	\$200,000	\$0	\$0	0.40	0.00	0.00
19	5911	Department of Safety and Homeland Security, State Police, Criminal Investigation	Port Security Grant Program	\$389,451	\$129,817	\$0	0.00	0.00	0.00
20	5923	Department of Agriculture, Administration	Specialty Crop Block Grant	\$341,567	\$0	\$0	0.00	0.00	0.00
21	5924	Colonial School District	School Violence Prevention Program	\$498,000	\$166,996	\$0	0.00	0.00	0.00

Higher Education

1	2023-07-08-01	University of Delaware	Center of Excellence on New Mobility and Automated Vehicles	\$6,313,889	\$0	\$0			
2	2023-07-08-02	University of Delaware	Improving Fairness in Healthcare AI	\$1,000,000	\$0	\$0			
3	2023-07-08-03	University of Delaware	Multifunctional Structural Battery and Honeycomb Core Component for UAVs	\$0	\$0	\$45,000			
4	2023-07-08-04	University of Delaware	Evaluation of the Delaware Plan to Reduce Unintended Pregnancy	\$0	\$0	\$19,320			
5	2023-07-08-05	University of Delaware	Nancy Grace Roman CGI Precursor Science: Upper Limits on Exozodiacal Emission from Nearby Star Systems	\$0	\$0	\$20,625			
6	2023-07-08-06	University of Delaware	Dissecting the Role of Six1 and its Co-Factors During Calvarial Bone and Suture Development	\$740,700	\$0	\$0			
7	2023-07-08-07	University of Delaware	Doctoral Fellowship Initiative for Saeed Esfandi	\$0	\$0	\$39,336			
8	2023-07-08-08	University of Delaware	4H Programming in NCC, 4H, RT9 and Knollwood for FY24	\$0	\$0	\$84,000			
9	2023-07-08-09	University of Delaware	Excellence in Research: Seeding Stimulated Raman Backscattering with Intense and Ultra-Intense Laser Pulses	\$0	\$0	\$33,972			
10	2023-07-08-10	University of Delaware	Neurological-Based Low Back Pain Subgrouping to Enhance Treatment and Outcomes Prediction	\$1,038,474	\$0	\$0			
11	2023-07-08-11	University of Delaware	Joint Gravity-Seismic Imaging of Deformational Structures at Active and Inactive Plate Boundaries	\$199,537	\$0	\$0			
12	2023-07-08-12	University of Delaware	Ultra-Compact Wideband Electro-Optic Modulator based on Ferroelectric Materials	\$0	\$0	\$102,445			
13	2023-07-08-13	University of Delaware	Social Media Uses and Effects Among Youth with Disabilities	\$312,159	\$0	\$0			
14	2023-07-08-14	University of Delaware	Showcase the Impact on Delaware Consumers and Farmers that has Occurred Through Delaware's "Farm to" Programs, Including Farm to School, Farm to Community, and Farm to Store.	\$0	\$0	\$10,300			

15	2023-07-08-15	University of Delaware	NOAA NWS National Mesonet Program 2021	\$0	\$0	\$47,980
16	2023-07-08-16	University of Delaware	Rail Research and Development Center of Excellence	\$0	\$0	\$354,869
17	2023-07-08-17	University of Delaware	Cost Effective Recovery of Single Cell Oil	\$0	\$0	\$317,880
18	2023-07-08-18	University of Delaware	Impossible Objects, Inc. Purchase Order with Dr. Dirk Heider	\$0	\$0	\$36,127
19	2023-07-08-19	University of Delaware	Paraprofessional Pathways to Special Education Certification	\$928,416	\$0	\$0
20	2023-07-08-20	University of Delaware	A Survey Experiment on the Role of Framing and Macroeconomic Environment on Anti-Immigrant Attitudes	\$0	\$0	\$2,500
21	2023-07-08-21	University of Delaware	Acquisition of Goods and Services	\$4,545	\$0	\$0
22	2023-07-08-22	University of Delaware	Explore the MOA Biomarkers of Eastman Monoglyceride Products on Broiler Performance and Health Status	\$0	\$0	\$44,408
23	2023-07-08-23	University of Delaware	Epigenetic Biomarkers for Spastic Cerebral Palsy	\$0	\$0	\$823,523
24	2023-07-08-24	University of Delaware	Examining Circadian Misalignment as a Determinant of Cardiovascular Disease Risk in Free-Living, Non-Shift Working Adults	\$2,598,024	\$0	\$0
25	2023-07-08-25	University of Delaware	Development of Sustainable Products from Waste Laboratory Consumables	\$0	\$0	\$46,875
26	2023-07-08-26	University of Delaware	Using Longitudinal Research to Engage African American and Latinx Sexual- and Gender-Minority Youth in the HIV Prevention and Care Continuum and Reduce HIV/AIDS-Related Disparities	\$0	\$0	\$35,785
27	2023-07-08-27	University of Delaware	Measuring Workplace Inclusion for Autistic Employees and the Connections to Mental Health	\$199,886	\$0	\$0
28	2023-07-08-28	University of Delaware	Proto-OKN Theme 1: A Dynamically-Updated Open Knowledge Network for Health: Integrating Biomedical Insights with Social Determinants of Health	\$0	\$0	\$390,699
29	2023-07-08-29	University of Delaware	A Virtual Laboratory for Resolving Key Uncertainties in Offshore Wind Energy	\$0	\$0	\$185,653
30	2023-07-08-30	University of Delaware	Molecular Mechanism of Atomic Layer Etching: The Role of Surface Defects	\$852,673	\$0	\$0
31	2023-07-08-31	University of Delaware	Novel in Situ Analysis of the Functional Impacts of Osteoarthritis in the Mouse Model	\$258,685	\$0	\$0
32	2023-07-08-32	University of Delaware	MCAO Provencal Salary	\$0	\$0	\$133,944
33	2023-07-08-33	University of Delaware	Pore Structure Optimization During Thick-Section Carbon-Carbon Composites Pyrolysis	\$0	\$0	\$65,275
34	2023-07-08-34	University of Delaware	Mitigating Avian Influenza Transmission by Darkling Beetles	\$0	\$0	\$61,564
35	2023-07-08-35	University of Delaware	Spatial Ecology of Fish Spawning Aggregations and Their Transgenerational Connectivity to Reef Habitats	\$1,587,137	\$0	\$0
36	2023-07-08-36	University of Delaware	RI: Small: Visual-Inertial Estimation and Learning at the Edge	\$392,379	\$0	\$0
37	2023-07-08-37	University of Delaware	Coalition for Translational Entrepreneurship	\$1,826,057	\$0	\$0
38	2023-07-08-38	University of Delaware	Modifying RNA and Student Learning: Discovery and Characterization of New 5 Glyco Capped mRNAs and Building a New Research-Based Laboratory Course in Protein-RNA Interactions.	\$0	\$0	\$120,000
39	2023-07-08-39	University of Delaware	Overcoming Natural Photosynthesis Inefficiency by Designing Artificial Plant (AP) Systems to Transform Decarbonization and Industrial Manufacturing	\$0	\$0	\$375,001
40	2023-07-08-40	University of Delaware	CAREER: Design and Processing of Moisture- Responsive 3D Knitted Structures with Adaptable Mechanical Performance	\$419,063	\$0	\$0

41	2023-07-08-41	University of Delaware	Evaluation of Disparities of the Implementation of the Healthy Food Financing Initiative and Consequences for Household Food Insecurity	\$274,997	\$0	\$0
42	2023-07-08-42	University of Delaware	Mechanical Stimuli for Bone Repair Using Microrobots	\$275,001	\$0	\$0
43	2023-07-08-43	University of Delaware	Coping with Academic Identity Threats: Rejection, Impostor Syndrome, and Lack of Belonging	\$245,388	\$0	\$0
44	2023-07-08-44	University of Delaware	Controlled Antigen Display from a Bundlemer for B-Cell Activation	\$274,999	\$0	\$0
45	2023-07-08-45	University of Delaware	Causes of the Global Rise of Right-Wing Populism: A Survey Experiment Proposal	\$0	\$0	\$2,500
46	2023-07-08-46	University of Delaware	Advanced Health Lifestyles PANO FY 24	\$0	\$0	\$44,295
47	2023-07-08-47	University of Delaware	Real Time Tablet Computing Gamified Cognitive Assessments for mTBI and Hypoxia	\$0	\$0	\$177,012
48	2023-07-08-48	University of Delaware	EPSCoR Workshop on Machine Learning for Analysis of High-Energy Cosmic Particles	\$77,804	\$0	\$0
49	2023-07-08-49	University of Delaware	Development of Numerical Methods for Improved MRI Myelin Mapping in the Brain Through use of Localized Regularization of a Particular Fredholm Equation of the First Kind	\$6,000	\$0	\$0
50	2023-07-08-50	University of Delaware	Synthetic Extracellular Matrix Materials for Lymph Node Stromal Cell Manufacturing and Tissue Engineering	\$430,772	\$0	\$0
51	2023-07-08-51	University of Delaware	Spatiotemporal Dynamic Materials to Assess Point-of-Origin Mechanobiology	\$450,518	\$0	\$0
52	2023-07-08-52	University of Delaware	Achilles Tendinopathy Collaborative Exchange	\$0	\$0	\$5,000
53	2023-07-08-53	University of Delaware	MINE: What is Ours in the Wake of Extraction	\$76,400	\$0	\$0
54	2023-07-08-54	University of Delaware	Expanding Southern Highbush Blueberries to Underserved Regions of Southeastern U.S.	\$0	\$0	\$22,432
55	2023-07-08-55	University of Delaware	Delaware INBRE	\$15,782,076	\$0	\$0
56	2023-07-08-56	University of Delaware	Establishment of a Chicken 3D Enteroids Model to Study the Effects of Bioactive Compounds on Intestinal Functions	\$0	\$0	\$56,126
57	2023-07-08-57	University of Delaware	Mid-Scale RI-2: SCALE - Safe and Composable Autonomy for Logistics with Electrical Vehicles	\$0	\$0	\$958,405
58	2023-07-08-58	University of Delaware	Performance-Advantaged Electrification of Chemical Manufacturing	\$4,783,379	\$0	\$0
59	2023-07-08-59	University of Delaware	Planning: CRISES: Adaptive Coastal Resilience Along the Atlantic Seaboard (ACRAS)	\$68,122	\$0	\$0
60	2023-07-08-60	University of Delaware	A Smart Ground-Based Vision System for Automated Inventory Management and Quality Evaluation of Ornamental Nursery Crops	\$0	\$0	\$12,035
61	2023-07-08-61	University of Delaware	Nemours Gumpili 2023	\$0	\$0	\$67,438
62	2023-07-08-62	University of Delaware	Dubai Multi Commodities Centre Authority (DMCC) Research Assistantship Program	\$0	\$0	\$12,000
63	2023-07-08-63	University of Delaware	Planning: CRISES: Interdisciplinary Center for the Study of Catastrophic Surprises	\$62,492	\$0	\$0
64	2023-07-08-64	University of Delaware	EAGER: A Comprehensive Approach for Generating, Sharing, Searching, and Using High-Resolution Terrain Parameters	\$0	\$0	\$31,731
65	2023-07-08-65	University of Delaware	Photon Recycled High Quantum Efficiency Two-Dimensional Material - Active Silicon Nanophotonic Receiver Array for Radiation Hard Photon Counters	\$423,667	\$0	\$0
66	2023-07-08-66	University of Delaware	Biomarkers of Epileptogenesis in TSC	\$0	\$0	\$181,352

67	2023-07-08-67	University of Delaware	TRTech-PGR: Exploration of Extra-Chromosomal Circular DNA (eccDNA) as a Reservoir of Genetic Heterogeneity and Vehicle for Rapid Adaptation	\$0	\$0	\$413,837
68	2023-07-08-68	University of Delaware	Implementation of a Parenting and Financial Planning Intervention for Low-Income Head Start Families	\$0	\$0	\$65,209
69	2023-07-08-69	University of Delaware	Determining the Molecular Mechanisms of HIV-1 Maturation	\$2,502,601	\$0	\$0
70	2023-07-08-70	University of Delaware	Automated Design of Microbial Sensors	\$0	\$0	\$840,152
71	2023-07-08-71	University of Delaware	A Temporally Tunable Autonomic Genetic Fuse for Engineered Microbes in Open Environments	\$336,249	\$0	\$0
72	2023-07-08-72	University of Delaware	Food-Grade Processing Facility for Novel Food Product Development, Emerging Processing Technologies, Multidisciplinary Training, and Services	\$145,500	\$0	\$0
73	2023-07-08-73	University of Delaware	Feed the Future Innovation Lab for Climate Resilient Cereals	\$0	\$0	\$140,006
74	2023-07-08-74	University of Delaware	Evaluating the Antiviral Properties of Low-level Hydrogen Peroxide Generated by a Photo Catalytic Oxidation in a Simulated Production Setting	\$0	\$0	\$66,282
75	2023-07-08-75	University of Delaware	A Community-based Evaluation of Attachment and Biobehavioral Catch-up	\$0	\$0	\$8,877
76	2023-07-08-76	University of Delaware	Scaling Sustainability: Integrating Agrivoltaics, Climate-resilient Plants, and Rainwater Harvesting for Sustainable Urban Systems	\$0	\$0	\$683,139
77	2023-07-08-77	University of Delaware	Heading and Soccer: Understanding Cognitive Risks, Benefits, and the Potential Mediating Role of White Matter	\$0	\$0	\$112,463
78	2023-07-08-78	University of Delaware	Atomic Layer Etching of Two-Dimensional Van Der Waals Materials	\$559,524	\$0	\$0
79	2023-07-08-79	University of Delaware	Extended Culture Validation of Human Lymph Node Chip	\$0	\$0	\$117,884
80	2023-07-08-80	University of Delaware	Examining the Use of Language-Mixing on Word Recognition and Word learning in School Aged Second Language Learners	\$0	\$0	\$2,000
81	2023-07-08-81	University of Delaware	Clinical and Biomechanical Implications of Graft Site Tendon Recovery After Anterior Cruciate Ligament Reconstruction Using Bone-Patellar Tendon-Bone Autograft	\$275,000	\$0	\$0
82	2023-07-08-82	University of Delaware	Enhancing the Quality of Kindergarten Services	\$0	\$0	\$82,994
83	2023-07-08-83	University of Delaware	Acquisition of Goods and Services	\$18,182	\$0	\$0
84	2023-07-08-84	University of Delaware	StateView Program Development and Operations for the State of Delaware	\$0	\$0	\$22,174
85	2023-07-08-85	University of Delaware	PRISM: Preparing Diverse Researchers Within the Intersections of Special Education and Mathematics	\$0	\$0	\$829,058
86	2023-07-08-86	University of Delaware	Lead Safe Play: Citizen Science Drinking Water Assessment in Wilmington, DE Parks	\$0	\$0	\$9,914
87	2023-07-08-87	University of Delaware	Collaborative Research: Biomechanical Control of Phagocytosis in 4D Using Static and Dynamic Engineered Tissue Microenvironments and Physiological Synthetic Particles	\$102,238	\$0	\$0
88	2023-07-08-88	University of Delaware	Oceanographic Technical Services	\$8,100	\$0	\$0
89	2023-07-08-89	University of Delaware	New Theoretical and Computational Methods for Dissipative Polariton Dynamics	\$620,471	\$0	\$0
90	2023-07-08-90	University of Delaware	Orchestrating Data Movement and Bootstrapping in Homomorphic Deep Learning	\$0	\$0	\$198,444
91	2023-07-08-91	University of Delaware	S4PST, Sustainability for Node Level Programming Systems and Tools	\$6,250	\$0	\$0
92	2023-07-08-92	University of Delaware	Electro-Optic Photonic Integrated Circuits in Thin Lithium Niobate	\$0	\$0	\$781

93	2023-07-08-93	University of Delaware	Assist in Engaging Extension Systems Throughout the Northeast in Participation in and Contribution to the Efforts of the Cultivemos/FRSAN-NE	\$0	\$0	\$72,945
94	2023-07-08-94	University of Delaware	Mission 23-4FR Corsica	\$0	\$0	\$65,757
95	2023-07-08-95	University of Delaware	Generating a Toolkit to Measure Skills Among Adolescents in Low- and Very Low-Income Countries	\$0	\$0	\$173,886
96	2023-07-08-96	University of Delaware	Education DCL:Eager:Educating Security and Privacy of Metaverse in Metaverse to Teenagers	\$239,424	\$0	\$0
97	2023-07-08-97	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$209,167	\$0	\$0
98	2023-07-08-98	University of Delaware	An Analysis of Science and Mathematics Educator Mobility to Enhance Students Equitable Access to STEM Teaching	\$0	\$0	\$327,008
99	2023-07-08-99	University of Delaware	MRI Evaluation of Jugular Compression Collars for TBI Prevention	\$0	\$0	\$217,312
100	2023-07-15-01	Delaware State University	RITA/UARC Track2: Multimodal Deep-Learning for Quantitative Neural Activity	\$431,935	\$0	\$0
101	2023-07-15-02	Delaware State University	Delaware INBRE V (Renewal)	\$3,132,027	\$0	\$0
102	2023-07-15-03	Delaware State University	COBRE Phase III: Delaware Center for Neuroscience Research - Collaborative Training in Data Science for Advancing Research Multispectral Analysis and Classification	\$364,891	\$0	\$0
103	2023-07-15-04	Delaware State University	IHER: Data Science Capacity Supplement	\$598,891	\$0	\$0
104	2023-07-15-05	Delaware State University	Interdisciplinary Health Equity Research (IHER) Center - RCMI: Administrative Supplement to Support a Neuroscience Seminar Series	\$86,603	\$0	\$0
105	2023-07-15-06	Delaware State University	Softgood High Energy Laser Defense	\$97,951	\$0	\$0
106	2023-07-15-07	Delaware State University	Observations of Ice-Water and Isotopes Using Mid-Infrared Laser Heterodyne Radiometer LIDAR	\$299,500	\$0	\$0
107	2023-07-15-08	Delaware State University	Development of an Anti-Reflection Coating for Future Space Missions	\$299,887	\$0	\$0

Revised 7/20/2023

**Delaware State Clearinghouse Committee
August Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
August 15, 2023 @ 10:00am

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Federal	Positions State	Other
New Business*									
1	5947 Now 6197	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Statewide Air Quality Study	\$440,000	\$0	\$0	0.00	0.00	0.00
2	5981	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal and Energy	Weatherization Assistance Program - IJJA	\$10,189,866	\$0	\$0	0.00	0.00	0.00
3	5983	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Sport Fish Restoration Grant Coordination and Switch Fund	\$672,579	\$263,970	\$0	0.33	0.82	0.00
4	5984	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal and Energy	State Energy Program - IJJA	\$3,306,380	\$0	\$0	0.00	0.00	0.00
5	5988	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal and Energy	State Energy Program Revolving Loan - IJJA	\$729,270	\$0	\$0	0.00	0.00	0.00
6	5992	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal and Energy	State Energy Program Switch Fund	\$435,270	\$0	\$0	3.00	0.00	0.00
7	5996	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Cedar Swamp Office Construction	\$163,125	\$54,375	\$0	0.00	0.02	0.00
8	5997	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal and Energy	Low-to-Moderate Income Solar Pilot Program	\$1,997,520	\$1,645,800	\$0	0.00	0.00	0.00
9	5998	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Viewing Facility Construction	\$4,300,200	\$1,433,400	\$0	0.00	0.20	0.00
10	2023-05-26-01	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Radiological Emergency Preparedness Program	\$0	\$0	\$1,438,065	0.00	0.00	11.45
11	5974	Department of Transportation, Traffic	Strengthening Mobility and Revolutionizing Transportation	\$1,990,711	\$0	\$0	0.00	0.00	0.00
12	5964	Department of Agriculture, Forest Service	Urban and Community Forestry - IRA	\$750,000	\$0	\$0	0.00	0.00	0.00
13	5963	Delaware National Guard	Biden Microgrid System (MILCON)	\$22,789,122	\$0	\$0	0.00	0.00	0.00
14	5884	Colonial School District	Return to Learn	\$685,950	\$0	\$0	1.00	0.00	0.00
Continued									
1	5084 Amendment	Executive, Office of Management and Budget	Coronavirus State Fiscal Recovery Fund - ARP COVID-19	\$0	\$0	\$0	17.95	0.00	0.00
2	5390 Amendment	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Services - Title XIX MAP 23	\$622,347,894	\$124,469,579	\$0	0.00	0.00	0.00
3	5828	Department of Health and Social Services, Public Health, Community Health	Strategic Prevention Framework for Prescription Drugs	\$384,000	\$0	\$0	0.15	0.00	0.00
4	5893	Department of Health and Social Services, Public Health, Community Health	Delaware Violent Death Reporting System	\$183,314	\$0	\$0	1.00	0.00	0.00
5	5894	Department of Health and Social Services, Public Health, Community Health	State Indoor Radon Grant	\$300,000	\$201,666	\$0	0.20	0.80	0.00
6	5959	Department of Health and Social Services, Public Health, Community Health	Childhood Lead Poisoning Prevention	\$540,000	\$0	\$0	1.00	0.00	0.00
7	5960	Department of Health and Social Services, Public Health, Community Health	Overdose Data to Action	\$3,877,587	\$0	\$0	10.65	0.00	0.00
8	5966	Department of Health and Social Services, Child Support Services	Child Support Enforcement	\$23,300,503	\$11,054,948	\$0	123.42	63.58	0.00

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

9	5967	Department of Health and Social Services, Child Support Services	Child Support Enforcement Incentive	\$1,374,324	\$0	\$0	21.00	0.00	0.00
10	6069	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Projects for Assistance in Transition from Homelessness	\$300,000	\$100,000	\$0	0.00	0.00	0.00
11	5993	Department of Health and Social Services, Public Health, Community Health	Preventive Health and Health Services Block Grant	\$287,667	\$0	\$0	0.00	0.00	0.00
12	6000	Department of Health and Social Services, Public Health, Community Health	Maternal, Infant & Early Childhood Home Visiting	\$4,274,693	\$1,704,950	\$0	1.50	0.00	0.00
13	6068	Department of Health and Social Services, Substance Abuse and Mental Health	Rural Communities Opioid Response Program	\$500,000	\$0	\$0	0.00	0.00	0.00
14	6008	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Breastfeeding	\$279,889	\$0	\$0	0.00	0.00	0.00
15	6009	Department of Health and Social Services, State Service Centers	AmeriCorps State Formula Funds	\$1,358,000	\$0	\$43,453	0.00	0.00	0.00
16	6010	Department of Health and Social Services, Public Health, Community Health	Special Supplement Nutrition Program for Women, Infants and Children	\$8,795,373	\$5,620,896	\$0	0.00	0.00	0.00
17	6011	Department of Health and Social Services, Public Health, Community Health	Special Supplement Nutrition Program for Women, Infants and Children - Administration	\$6,096,919	\$0	\$0	50.00	0.00	0.00
18	6014	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Administration XIX	\$91,623,362	\$46,797,202	\$0	189.11	177.65	0.00
19	6016	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program (LIHEAP)	\$13,000,000	\$0	\$0	3.00	0.00	0.00
20	6017	Department of Health and Social Services, State Service Centers	Access & Visitation Program	\$100,000	\$11,111	\$0	0.00	0.00	0.00
21	6018	Department of Health and Social Services, State Service Centers	Community Services Block Grant	\$4,082,196	\$0	\$0	1.75	0.00	0.00
22	5646 Amendment	Department of Health and Social Services, Public Health, Community Health	Genomic Surveillance of SARS CoV-2 with UD	\$90,380	\$0	\$0	0.00	0.00	0.00
23	5907	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund	\$3,683,000	\$736,600	\$0	0.00	0.00	0.00
24	5909	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund Supplement - IIJA	\$10,233,000	\$1,023,300	\$0	0.00	0.00	0.00
25	5910	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund- Emerging Contaminants - IIJA	\$1,043,000	\$0	\$0	0.00	0.00	0.00
26	5926	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Joint Enforcement Agreement	\$246,787	\$740	\$0	1.80	0.00	0.00
27	5930	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Fisheries Technical Assistance	\$616,699	\$205,565	\$0	1.09	0.37	0.00
28	5943	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Trout Program	\$660,750	\$220,250	\$0	0.48	0.10	0.00
29	5948	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Shellfish Sanitation Equipment	\$20,715	\$0	\$0	0.00	0.00	0.00
30	5956	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Non-Tidal Boating Fishing Access Areas	\$1,264,500	\$421,500	\$0	0.00	0.35	0.00
31	5957	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Cooperating Technical Partnership Grant	\$90,000	\$0	\$0	0.50	0.00	0.00
32	5958	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Tidal Boating and Fishing Access Areas Design and Construction	\$4,221,000	\$1,407,000	\$0	0.00	0.35	0.00
33	5961	Department of Natural Resources and Environmental Control, Watershed Stewardship	Community Assistance Program	\$100,416	\$25,104	\$0	0.98	0.08	0.00
34	5962	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Anadromous Species Investigations	\$1,358,510	\$452,837	\$0	0.82	0.82	0.00

35	5976	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water Base State Revolving Fund	\$5,037,000	\$1,007,400	\$0	0.00	0.00	0.00
36	5977	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Supplemental Fund - IJJA	\$21,055,000	\$2,105,500	\$0	25.85	0.00	0.00
37	5978	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Emerging Contaminants - IJJA	\$7,640,000	\$0	\$0	1.50	0.00	0.00
38	5980	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Lead Service Line Replacement - IJJA	\$28,650,000	\$0	\$0	2.25	0.00	0.00
39	5982	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Tidal Boating and Fishing Access Area	\$1,488,600	\$496,200	\$0	0.84	0.68	0.00
40	5985	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Restoration Grant Coordination and Switch Fund	\$562,242	\$254,758	\$0	0.37	0.79	0.00
41	5986	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	State Wildlife Grant Coordination and Switch Fund	\$346,835	\$200,465	\$0	0.26	0.64	0.00
42	5994	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	National Dam Safety Program	\$44,552	\$0	\$0	0.00	0.00	0.00
43	5995	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Hunter Education Program	\$2,860,576	\$953,523	\$0	1.86	2.39	0.00
44	6003	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Habitat Development Program	\$10,586,400	\$3,528,800	\$0	8.51	8.04	0.00
45	3858 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Harvey and Knott Drum, Inc. Oversight of Remedial Action	\$16,153	\$0	\$0	0.05	0.00	0.00
46	3860 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Hockessin Site Wide Remediation Investigation and Feasibility Study	\$17,879	\$0	\$0	0.04	0.00	0.00
47	3998 Amendment	Department of Natural Resources and Environmental Control, Office of the Environmental Protection, Division of Waste and Hazardous Substances	Hockessin Cleaners PCE Site Operable Unit 2 Remedial Investigation and Feasibility Study	\$11,773	\$0	\$0	0.04	0.00	0.00
48	3999 Amendment	Department of Natural Resources and Environmental Control, Office of the Environmental Protection, Division of Waste and Hazardous Substances	Hockessin Sunrise Cleaners PCE Site Operable Unit 3 Remedial Investigation and Feasibility Study	\$2,943	\$0	\$0	0.01	0.00	0.00
49	4070 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Standard Chlorine/Metachem Fund Lead OU-2 RD	\$21,828	\$0	\$0	0.12	0.00	0.00
50	4096 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Delaware City PVC Operable Unit-2 Long Term Remedial Action Cooperative Agreement	\$19,372	\$0	\$0	0.00	0.04	0.00
51	4159 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Coastal Avian Conservation Projects	\$325,875	\$108,625	\$0	0.00	0.17	0.00
52	4764 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Raptor, Grassland, and Forest Bird Conservation Projects	\$403,830	\$134,610	\$0	0.00	0.04	0.00
53	4766 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Blades Groundwater Operable Unit 1 Remedial Investigation and Feasibility Study	\$32,991	\$0	\$0	0.08	0.00	0.00
54	5313 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal and Energy	Restoring Upland Habitats in Blackbird Creek	\$69,499	\$0	\$5,500	0.00	0.00	0.00
55	5324 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	Weatherization Assistance Program	\$955,864	\$0	\$0	0.00	0.00	0.00
56	5601 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Aquatic Invasive Species Program	\$750,000	\$250,000	\$0	1.05	0.76	0.00
57	5953	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Instant Criminal Background Check System Act Record Improvement Program	\$76,895	\$0	\$0	0.00	0.00	0.00
58	5954	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Criminal History Improvement Program	\$329,712	\$0	\$0	0.00	0.00	0.00
59	5955	Department of Transportation, Division of Motor Vehicles	Commercial Driver's License Program Implementation	\$253,217	\$0	\$0	0.00	0.00	0.00
60	5973	Department of Agriculture, Forest Service	State Forest Assistance IJJA	\$50,265	\$0	\$0	0.00	0.00	0.00

61	6001	Department of Agriculture, Forest Service	Chesapeake Bay Watershed	\$27,000	\$81	\$26,919	0.00	0.00	0.00
62	5968	Fire Prevention Commission, State Fire School	Firefighters Assistance Grant	\$370,548	\$38,278	\$0	0.00	0.00	0.00

Higher Education

1	2023-08-05-01	University of Delaware	Coalition for Clean, Green and Blue Entrepreneurship	\$1,806,002	\$0	\$0			
2	2023-08-05-02	University of Delaware	The Mobile Toolbox for Monitoring Cognitive Function	\$0	\$0	\$6,795			
3	2023-08-05-03	University of Delaware	Career: Exercising to Learn: Examining the Role of Aerobic Exercise on Second-Language Learning	\$386,091	\$0	\$0			
4	2023-08-05-04	University of Delaware	Identifying Multi-Scale Drivers of Surface and Subsurface Salinization in Coastal Environments	\$506,887	\$0	\$0			
5	2023-08-05-05	University of Delaware	Antecedents, Mechanisms, and Outcomes of Extreme Intergroup Antipathy	\$476,088	\$0	\$0			
6	2023-08-05-06	University of Delaware	H2CIRC- Circular Recycling for the Hydrogen Economy	\$0	\$0	\$1,940,437			
7	2023-08-05-07	University of Delaware	Independence School Math Coaching	\$0	\$0	\$11,085			
8	2023-08-05-08	University of Delaware	FCC NDBEDP National Deaf-Blind Equipment Distribution Program	\$59,979	\$0	\$0			
9	2023-08-05-09	University of Delaware	Elucidating the Mechanisms and Effects of Resistance to Cell Death Under Anchorage Independence to Control Metastasis	\$0	\$0	\$148,695			
10	2023-08-05-10	University of Delaware	Trustworthy Infrastructure Health Management Via Mobile Sensing Services Provided by Intelligent Vehicles	\$258,750	\$0	\$0			
11	2023-08-05-11	University of Delaware	Educational Affiliation and Biomedical Services	\$0	\$0	\$13,000			
12	2023-08-05-12	University of Delaware	Evaluation of the Federal Bureau of Prisons' Criminal Thinking Programs	\$1,272,695	\$0	\$0			
13	2023-08-05-13	University of Delaware	Ex Vivo Gene Therapy with Lentiviral Vector	\$0	\$0	\$151,253			
14	2023-08-05-14	University of Delaware	Uncharted Mesophotic Coral Ecosystems - Pickle Bank Seamount	\$0	\$0	\$24,000			
15	2023-08-05-15	University of Delaware	X-Ray Spectral Diagnostics of Massive Star Winds and Magnetospheres	\$0	\$0	\$13,497			
16	2023-08-05-16	University of Delaware	Open Access Edition of Hostile Humor in Renaissance France by Bruce Hayes	\$5,500	\$0	\$0			
17	2023-08-05-17	University of Delaware	Sustainable Mobility & Accessibility Regional Transportation Equity Research (SMARTER) Center	\$0	\$0	\$128,939			
18	2023-08-05-18	University of Delaware	The Role of Vocational Rehabilitation on Labor Market Participation	\$0	\$0	\$91,733			
19	2023-08-05-19	University of Delaware	Probing the Formation and Evolution of the Atlantis Massif Oceanic Core Complex with Olivine Trace Elements	\$0	\$0	\$12,954			
20	2023-08-05-20	University of Delaware	Climate-Smart Sustainable Agriculture: Complete Recycling of Wastes into Fertilizers & Converging AI for Enhancing Crop Yield & Soil Health	\$8,796,777	\$0	\$0			
21	2023-08-05-21	University of Delaware	Provide Literacy Professional Learning to Laurel School District	\$0	\$0	\$81,553			
22	2023-08-05-22	University of Delaware	John Dickinson Writings Project	\$215,085	\$0	\$0			
23	2023-08-05-23	University of Delaware	Converge: Coordinated Social Science, Engineering, and Interdisciplinary Extreme Events Reconnaissance Research - CDC Supplement, Public Health and Extreme Events Research Community of Practice	\$0	\$0	\$45,831			

24	2023-08-05-24	University of Delaware	Collaborative Research: Synthetic Methane Fixation Cascades Based on Engineered Membrane Vesicles for Biofuel Cell Applications	\$12,000	\$0	\$0
25	2023-08-05-25	University of Delaware	Prediction of Antibody Solubility, Stability, and Interactions at High Concentrations	\$0	\$0	\$200,000
26	2023-08-05-26	University of Delaware	Backstage Pass Program 2023-2024	\$0	\$0	\$7,115
27	2023-08-05-27	University of Delaware	Acquisition of Goods and Services 58-8010-3-005	\$22,728	\$0	\$0
28	2023-08-05-28	University of Delaware	Stabilizing and Disseminating the Center for Historic Architecture and Design's Archive of Vanishing Historic Architecture of the Mid-Atlantic	\$251,918	\$0	\$0
29	2023-08-05-29	University of Delaware	Enhancing Active Learning Through Use of Student Difficulties as Resources in Teaching	\$477,459	\$0	\$0
30	2023-08-05-30	University of Delaware	Career: Regulation of Cyclic-Di-AMP Metabolism and Functions in Bacteria	\$953,904	\$0	\$0
31	2023-08-05-31	University of Delaware	Career: Holistic Framework for Securing Continuous Software Development	\$413,140	\$0	\$0
32	2023-08-05-32	University of Delaware	Collaborative Research: SaTC: Core: Medium: Critical Learning Periods Augmented Robust Federated Learning	\$86,801	\$0	\$0
33	2023-08-05-33	University of Delaware	Cellulose Nanocrystals as Enablers in Creating 100% Biobased and Non-Isocyanate Polyurethane Foams at Commercial Scale	\$488,019	\$0	\$0
34	2023-08-05-34	University of Delaware	New Parameterizations in Spectral Wave Models for Arctic Applications	\$278,040	\$0	\$0
35	2023-08-05-35	University of Delaware	An Integrated Multi-Material Digital Life Cycle Approach for Additive Manufacturing of Ground Vehicle Structures and Components	\$0	\$0	\$134,375
36	2023-08-05-36	University of Delaware	Breathing, Full Volume Pulmonary Deposition Model to Transform Development of Aerosol Therapeutics	\$275,000	\$0	\$0
37	2023-08-05-37	University of Delaware	Advanced Electrodes for Stable, High-Performance, Alkaline-Exchange-Membrane Electrolyzers Without Supporting Electrolyte	\$0	\$0	\$785,549
38	2023-08-05-38	University of Delaware	Personalized Medicine for NOD2 Associated Crohn's Disease Using Chemical Biology	\$0	\$0	\$354,452
39	2023-08-05-39	University of Delaware	Durable, High-Performance Membranes for Proton Exchange Membrane Water Electrolysis	\$0	\$0	\$1,250,001
40	2023-08-05-40	University of Delaware	Development of Electrolytic Chlorine Gas Evolution and Iron Electroplating from Iron Chlorides Waste Stream Resulting from Ilmenite-Chloride Process	\$0	\$0	\$90,909
41	2023-08-05-41	University of Delaware	Bloodhound Gang Phase II	\$0	\$0	\$320,826
42	2023-08-05-42	University of Delaware	Optimizing Neutron Monitor Data Products for Space Weather Applications	\$241,574	\$0	\$0
43	2023-08-05-43	University of Delaware	UDare Cyber Scholarships For Service (SFS) Program	\$2,546,572	\$0	\$0
44	2023-08-05-44	University of Delaware	Doctoral Dissertation Research: Differential Object Marking (DOM) in Burmese	\$8,440	\$0	\$0
45	2023-08-05-45	University of Delaware	Optoelectronic Modeling and Optimal Design of Graded Band Gap CdSeTe Solar Cells	\$0	\$0	\$187,500
46	2023-08-05-46	University of Delaware	To Provide Programming to Children and Families in Six Schools Specifically in the Areas of Health and Wellness	\$0	\$0	\$21,722
47	2023-08-05-47	University of Delaware	NSF COPE SU DAVIDSON	\$18,722	\$0	\$0
48	2023-08-05-48	University of Delaware	Career: TRIAD-SSME: Tracking Retention, Inclusion, and Decision-Making Among Secondary Science and Mathematics Educators	\$742,124	\$0	\$0
49	2023-08-05-49	University of Delaware	Activated Carbons from Soyhull for Energy Products	\$0	\$0	\$97,583

50	2023-08-05-50	University of Delaware	Cellulose Nanocrystals as Enablers in Creating 100% Biobased and Non-Isocyanate Polyurethane Foams at Commercial Scale	\$488,019	\$0	\$0
51	2023-08-05-51	University of Delaware	CooperVision 02	\$0	\$0	\$5,096
52	2023-08-05-52	University of Delaware	CY2023 NSF Group Purchase of Safety Equipment for the Academic Research Fleet (ARF)	\$913,060	\$0	\$0
53	2023-08-05-53	University of Delaware	Career: Decoding the Language of Fine Touch Through Soft Matter Mechanics	\$451,093	\$0	\$0
54	2023-08-05-54	University of Delaware	Daily Memory Lapses and Sympathetic-Cardiovascular Dysfunction: Pathways to Prevention of Alzheimer's Disease and Related Dementias (ADRD)	\$0	\$0	\$56,637
55	2023-08-05-55	University of Delaware	Developing a Workplan for a Region 3 PHEPR Center and Establishing Regional Coordinating Body	\$0	\$0	\$6,250
56	2023-08-05-56	University of Delaware	2022-F2: Enhancing Specific Productivity Bispecific Antibodies by Cell Line and Vector Design	\$0	\$0	\$8,550
57	2023-08-05-57	University of Delaware	Career: Evolution and Genomics of Pathogen Host Specificity	\$753,894	\$0	\$0
58	2023-08-05-58	University of Delaware	Career: Melting-Free Photonic Memory Based on Layered Chalcogenide Materials	\$385,184	\$0	\$0
59	2023-08-05-59	University of Delaware	Career: Biochemical and Structural Mechanisms Controlling tRNA-Modifying Metalloenzymes	\$683,668	\$0	\$0
60	2023-08-05-60	University of Delaware	Career: Advancing the Disaster Resilience and Equity of Sociotechnical System (ADDRESS) Through Improved Childcare	\$383,019	\$0	\$0
61	2023-08-05-61	University of Delaware	Career: Intensifying Multi-Material Additive Manufacturing Using Advective Assembly	\$374,071	\$0	\$0
62	2023-08-05-62	University of Delaware	Passivating Back-Contacts for High Performance CdTe Solar Cells	\$0	\$0	\$187,407
63	2023-08-05-63	University of Delaware	HelioSwarm: The Nature of Turbulence in Space Plasmas	\$0	\$0	\$23,832
64	2023-08-05-64	University of Delaware	Assist with Wilmapco's Transportation Justice Study 2023	\$0	\$0	\$10,630
65	2023-08-05-65	University of Delaware	Fabrication of NdFeB-Based Permanent Magnets Using Atomized Powders	\$0	\$0	\$111,694
66	2023-08-05-66	University of Delaware	Career: Understanding and Supporting the Development of Minoritized Students Sense of Belonging in Mathematics Classrooms	\$908,314	\$0	\$0
67	2023-08-05-67	University of Delaware	HNDS-I: Collaborative Research: Open-Source Infrastructure for Extracting Political Events, Relations, and Networks from Text	\$139,016	\$0	\$0
68	2023-08-05-68	University of Delaware	Metabolic Risk Factors and Treatment Outcomes in Achilles Tendinopathy	\$103,066	\$0	\$0
69	2023-08-05-69	University of Delaware	AUCD/CDC LTSAE Family Support Mallory	\$0	\$0	\$60,294
70	2023-08-05-70	University of Delaware	Career: Optimizing Brain-AI Interfaces by Aligning Brain Responses and Machine Learning Representations	\$463,477	\$0	\$0
71	2023-08-05-71	University of Delaware	Career: Toward Energy-Efficient Bio-Inspired Magnonic Processing with Nanomagnetic Arrays	\$537,309	\$0	\$0
72	2023-08-05-72	University of Delaware	Career: Advancing Trustworthy Machine Learning for Distributed Scientific Data Analytics	\$374,076	\$0	\$0
73	2023-08-05-73	University of Delaware	University of Delaware Child Care Access Means Parents in School Program (UD-CCAMPIS)	\$1,445,088	\$0	\$0
74	2023-08-05-74	University of Delaware	Office of Education - Student Support Services Program - 2023-2024	\$336,421	\$0	\$0
75	2023-08-05-75	University of Delaware	Documenting Dairy Farms in Northern Maryland Phase 3	\$0	\$0	\$58,658

76	2023-08-05-76	University of Delaware	Investigation of Magnetic-to-Particle Energy Conversion Parameter in Magnetic Reconnection	\$0	\$0	\$33,750
77	2023-08-05-77	University of Delaware	Career: Transporter Microrobots for Blood Flow Measurements	\$354,029	\$0	\$0
78	2023-08-05-78	University of Delaware	Career: Advancing Discovery in Neutrino Physics and Building Outreach Initiatives with New Flexible Instrumentation	\$757,630	\$0	\$0
79	2023-08-05-79	University of Delaware	Career: Improving Fairness in Health AI	\$407,462	\$0	\$0
80	2023-08-05-80	University of Delaware	Career: Towards Spatial Intelligence for Enhanced Mobility Services	\$369,228	\$0	\$0
81	2023-08-05-81	University of Delaware	Pittsburgh Center for HIV Protein Interactions (PCHPI)	\$0	\$0	\$308,533
82	2023-08-05-82	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
83	2023-08-05-83	University of Delaware	Examining the Role of Aerobic Exercise on Vocabulary Learning in Children with and Without Developmental Language Disorder	\$975,000	\$0	\$0
84	2023-08-05-84	University of Delaware	Proposed Preceptorship Experience for Andrea Rose in the Delaware ACTIVE Lab	\$0	\$0	\$1,000
85	2023-08-05-85	University of Delaware	Christiana Care Healthcare Services Research Amendment 23-24	\$0	\$0	\$10,169
86	2023-08-05-86	University of Delaware	Christiana Care Healthcare Services Research Amendment 23-24	\$0	\$0	\$31,766
87	2023-08-05-87	University of Delaware	Health for All Mobile Health Clinic	\$0	\$0	\$208,353
88	2023-08-05-88	University of Delaware	Megawatt Charging System ANL	\$0	\$0	\$186,723
89	2023-08-05-89	University of Delaware	Degradation of Nafion Membranes	\$0	\$0	\$146,235
90	2023-08-05-90	University of Delaware	Stress Rolls Down Hill: Improving Wellness in Correctional Institutions	\$744,749	\$0	\$0
91	2023-08-05-91	University of Delaware	Translation Plan for pAgo-Based Technologies	\$0	\$0	\$175,000
92	2023-08-05-92	University of Delaware	Career: Collaborative Problem-Solving for Undergraduate Engineering Students Via Embodied, Embedded Virtual Agents	\$580,531	\$0	\$0
93	2023-08-05-93	University of Delaware	Treatment Effects of Shockwave Therapy and Exercise in Patients with Insertional Achilles Tendinopathy	\$0	\$0	\$1,000
94	2023-08-05-94	University of Delaware	NSF Convergence Accelerator Track H: MicroBoost - Accessible On-Demand Transportation	\$0	\$0	\$386,379
95	2023-08-05-95	University of Delaware	Sussex County Appropriation	\$0	\$0	\$169,049
96	2023-08-05-96	University of Delaware	I-Corps: A Disease-Agnostic Platform for Enhanced Vaccine Immunogenicity Using Live Microbial Vectors	\$45,000	\$0	\$0
97	2023-08-05-97	University of Delaware	Green Shell Beans to Enhance the Agricultural Economy of Small and Medium-Sized Farms in the Mid-Atlantic Region	\$0	\$0	\$92,880
98	2023-08-05-98	University of Delaware	Vascular Smooth Muscle Vps34 in Pulmonary Arterial Hypertension	\$208,228	\$0	\$0
99	2023-08-05-99	University of Delaware	Partnership: A Comprehensive Approach to Mitigate Long-Standing Challenges in Public Health Risks of Human Enteric Viruses on Produce	\$0	\$0	\$238,213
100	2023-08-06-01	University of Delaware	Assessing Future Sand Needs and Supply in the Coastal Mid-Atlantic	\$216,593	\$0	\$0
101	2023-08-06-02	University of Delaware	Processing-Induced Changes in Carbohydrates and Proteins in Grains and Legumes: Impact on Human Gut Microbiota	\$210,000	\$0	\$0

102	2023-08-06-03	University of Delaware	Coalition for Clean, Green and Blue Entrepreneurship	\$1,568,908	\$0	\$0
103	2023-08-06-04	University of Delaware	Investigating the Effect of C-V2X on Autoware Universe	\$0	\$0	\$50,000
104	2023-08-06-05	University of Delaware	2022-S5: The Feasibility of Emerging Non-CRISPR Gene Editing Platforms for CHO Cell Engineering	\$0	\$0	\$17,100
105	2023-08-06-06	University of Delaware	Chromatin Structures to Govern Marek's Disease in Chickens	\$0	\$0	\$98,190
106	2023-08-06-07	University of Delaware	Collaborative Research: Drivers and Dynamics of Methane Seepage Along the US	\$540,979	\$0	\$0
107	2023-08-06-08	University of Delaware	Quantifying Adapted Balance Control During Walking in Chronic Stroke and Its Relationship to Falls Efficacy	\$103,457	\$0	\$0
108	2023-08-06-09	University of Delaware	Wilmington-Dover Community Schools	\$0	\$0	\$730,074
109	2023-08-06-10	University of Delaware	Advanced Health Lifestyles PANO FY 24	\$0	\$0	\$13,393
110	2023-08-06-11	University of Delaware	Collect Carbon-13 Isotope Data to Better Understand Carbon Cycle and Ocean Acidification in the Western Arctic Ocean	\$437,669	\$0	\$0
111	2023-08-06-12	University of Delaware	Research Supplements to Promote Diversity in Health-Related Research (Admin Supp)	\$129,201	\$0	\$0
112	2023-08-06-13	University of Delaware	Mapping Global Irrigated and Rainfed Croplands	\$0	\$0	\$18,000
113	2023-08-12-01	Delaware State University	DSU Data Science Research and Education Hub High Performance Computing (HPC) System	\$489,444	\$0	\$0
114	2023-08-12-02	Delaware State University	Pollution Prevention and Wastewater Phytoremediation Using an Algal Turf Platform for Improving Sustainable Agriculture Practices in Delaware	\$10,000	\$0	\$0
115	2023-08-12-03	Delaware State University	Project DE-SPEC (Delaware Special Educator Certification)	\$364,891	\$0	\$0
116	2023-08-12-04	Delaware State University	ACCEL Pilot: Engineering Protein-Based Therapies and Identifying Resistance Mutation	\$116,801	\$0	\$0
117	2023-08-12-05	Delaware State University	Federal Supplemental Education Opportunity Grants (FSEOG) 2023-2024	\$261,427	\$0	\$0
118	2023-08-12-06	Delaware State University	Federal Work Study (FWS) 2023-2024	\$345,356	\$0	\$0

8/4/2023

**Delaware State Clearinghouse Committee
September Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
September 18, 2023 @ 10:00am

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
New Business*									
1	6052	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program Commodity Credit Corporation	\$188,491	\$0	\$0	0.00	0.00	0.00
2	6061	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Lifespan Respite Care Program	\$705,000	\$234,999	\$0	0.00	0.00	0.00
3	6030	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal and Energy	National Estuarine Research Reserve Science Collaborative Building Capacity Fund	\$8,000	\$0	\$0	0.00	0.00	0.00
4	6043	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Halby Chemical Operations and Maintenance Operable Unit 2	\$14,330	\$0	\$0	0.04	0.00	0.00
5	6051	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Delaware Sand and Gravel Remedial Action Operable Unit 6	\$32,560	\$0	\$0	0.07	0.00	0.00
6	6057	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal and Energy	Climate Pollution Reduction Planning - IRA	\$3,000,000	\$0	\$0	6.00	0.00	0.00
7	6060	Department of Natural Resources and Environmental Control, Office of Environmental Protection; Climate, Coastal and Energy	Grid Resiliency Formula Grant - IJJA	\$1,467,476	\$220,121	\$0	0.00	0.00	0.00
8	6065	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	National Endowment for the Humanities	\$40,000	\$0	\$0	0.00	0.00	0.00
9	6041	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(e) Distracted Driving - IJJA	\$600,000	\$0	\$0	0.00	0.00	0.00
10	6042	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(h) Protecting Roadside Deaths Safety Incentive Grant - IJJA	\$20,000	\$0	\$0	0.00	0.00	0.00
14	6044	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(i) Officer/Driver Safety - IJJA	\$40,000	\$0	\$0	0.00	0.00	0.00
12	6049	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 402 Planning and Administration - IJJA	\$2,990,921	\$252,080	\$0	6.00	2.00	0.00
Continued									
1	6053	Executive, Office of Management and Budget, Food Distribution	Commodity Supplemental Food Program	\$136,453	\$0	\$0	0.00	0.00	0.00
2	6054	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program	\$273,506	\$147,112	\$0	1.40	2.70	0.00
3	6076	Executive, Office of Management and Budget, Food Distribution	State Administrative Expense Funds	\$132,799	\$0	\$0	0.60	0.00	0.00
4	6031 now 6199	Legal, Department of Justice	Victims Compensation Assistance	\$495,000	\$0	\$0	0.00	0.00	0.00
5	6062	Department of State, Office of the Secretary, Administration	State Trade Expansion Program	\$115,000	\$38,333	\$0	0.00	0.00	0.00
6	6083	Department of State, Public Service Commission, Regulation and Licensing	Pipeline Safety One Call	\$9,350	\$0	\$0	0.00	0.00	0.00
7	5917	Department of Health and Social Services, Visually Impaired Services	Vocational Rehabilitation- Blind (Basic Support)	\$2,034,668	\$524,437	\$0	7.00	2.38	0.00
8	6034	Department of Health and Social Services, Public Health, Community Health	Infants and Toddlers with Disabilities	\$2,587,723	\$0	\$0	10.00	0.00	0.00
9	6067	Department of Health and Social Services, Substance Abuse and Mental Health Administration	State Opioid Response Grant	\$37,284,006	\$0	\$0	8.00	0.00	0.00
10	5378 Amendment	Department of Health and Social Services, Social Services	Refugee Social Service Program	\$519,788	\$0	\$0	0.00	0.00	0.00

11	6047	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Koppers Remedial Design Operable Unit 1	\$22,626	\$0	\$0	0.08	0.00	0.00
12	6058	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Land and Water Conservation Fund Recreation Planning	\$57,000	\$57,000	\$0	0.00	0.00	0.00
13	3558 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Army Creek	\$12,117	\$0	\$0	0.04	0.00	0.00
14	5922	Department of Safety and Homeland Security, State Police, Training	Bulletproof Vest Partnership Program	\$177,626	\$177,626	\$0	0.00	0.00	0.00
15	6036	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(f) Motorcyclist Safety Grant	\$45,071	\$0	\$0	0.00	0.00	0.00
16	6038	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(b) Occupant Protection Incentive Grant	\$371,356	\$0	\$0	0.00	0.00	0.00
17	6039	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(g) Non-Motorized Incentive Grant	\$211,467	\$0	\$0	0.00	0.00	0.00
18	6045	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(c) Traffic Safety Information System Improvement	\$387,474	\$0	\$0	1.00	0.00	0.00
19	6070	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(d) Impaired Driving Countermeasures	\$1,468,119	\$0	\$0	1.00	0.00	0.00
20	6072	Department of Safety and Homeland Security, Office of the Secretary, Developmental Disabilities Council	Developmental Disabilities Council	\$527,570	\$20,000	\$80,000	4.00	0.00	0.00
21	6050	Department of Labor, Vocational Rehabilitation, Disability Determination Services	Disability Determination Service-SSA	\$7,590,228	\$0	\$0	53.00	0.00	0.00
22	6055	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Vocational Rehabilitation Services	\$12,076,795	\$3,298,858	\$0	71.50	0.00	0.00
23	6063	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health Consultation	\$600,000	\$66,666	\$0	5.50	0.80	0.00
24	6074	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health Statistics	\$83,998	\$84,001	\$0	1.00	1.00	0.00
25	6092	Department of Agriculture, Forest Service	Forest Health Management and Monitoring Program	\$83,000	\$83,000	\$0	0.53	0.71	0.00
26	6093	Department of Agriculture, Forest Service	Forest Stewardship	\$113,252	\$116,258	\$0	0.72	0.75	0.00
27	5969	Delaware National Guard	Air National Guard Operations and Maintenance Agreement	\$5,607,730	\$623,725	\$0	44.00	4.00	0.00
28	5970	Delaware National Guard	Army National Guard Environmental Resource Management Agreement	\$643,950	\$0	\$0	4.00	0.00	0.00
29	5971	Delaware National Guard	Air National Guard Security Guard Agreement	\$1,920,052	\$0	\$0	21.00	0.00	0.00
30	5972	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	\$17,206,056	\$8,309,102	\$0	24.50	11.50	0.00
31	5841 Amendment	Department of Education, Student Support	Rural and Low Income Schools	\$76,532	\$0	\$0	0.00	0.00	0.00
32	6020	Department of Education, Student Support	Child Nutrition State Administrative Expense	\$1,245,259	\$322,365	\$0	3.95	2.50	0.00
33	6021	Department of Education, Student Support	National School Breakfast Program	\$17,399,275	\$0	\$0	0.00	0.00	0.00
34	6022	Department of Education, Student Support	National School Lunch Program	\$44,864,665	\$487,127	\$0	0.00	0.00	0.00
35	6023	Department of Education, Student Support	Special Milk Program	\$7,740	\$0	\$0	0.00	0.00	0.00
36	6024	Department of Education, Student Support	Child and Adult Care Food Program	\$21,493,211	\$0	\$0	2.00	0.00	0.00

37	6025	Department of Education, Student Support	Child and Adult Care Food Program Cash In Lieu	\$1,022,297	\$0	\$0	0.00	0.00	0.00
38	6026	Department of Education, Student Support	Summer Food Service Program	\$2,947,436	\$0	\$0	1.00	0.00	0.00
39	6027	Department of Education, Student Support	Fresh Fruit and Vegetables	\$2,727,556	\$0	\$0	0.00	0.00	0.00
40	6028	Department of Education, Student Support	Supply Chain Assistance	\$3,539,961	\$0	\$0	0.00	0.00	0.00
41	6029	Department of Education, Student Support	Child and Adult Care Food Program Sponsor Admin	\$654,646	\$0	\$0	0.00	0.00	0.00

Higher Education

1	2023-07-08-01	University of Delaware	Center of Excellence on New Mobility and Automated Vehicles	\$6,313,889	\$0	\$0			
2	2023-07-08-02	University of Delaware	Improving Fairness in Healthcare AI	\$1,000,000	\$0	\$0			
3	2023-07-08-03	University of Delaware	Multifunctional Structural Battery and Honeycomb Core Component for UAVs	\$0	\$0	\$45,000			
4	2023-07-08-04	University of Delaware	Evaluation of the Delaware Plan to Reduce Unintended Pregnancy	\$0	\$0	\$19,320			
5	2023-07-08-05	University of Delaware	Nancy Grace Roman CGI Precursor Science: Upper Limits on Exozodiacal Emission from Nearby Star Systems	\$0	\$0	\$20,625			
6	2023-07-08-06	University of Delaware	Dissecting the Role of Six1 and its Co-Factors During Calvarial Bone and Suture Development	\$740,700	\$0	\$0			
7	2023-07-08-07	University of Delaware	Doctoral Fellowship Initiative for Saeed Esfandi	\$0	\$0	\$39,336			
8	2023-07-08-08	University of Delaware	4H Programming in NCC, 4H, RT9 and Knollwood for FY24	\$0	\$0	\$84,000			
9	2023-07-08-09	University of Delaware	Excellence in Research: Seeding Stimulated Raman Backscattering with Intense and Ultra-Intense Laser Pulses	\$0	\$0	\$33,972			
10	2023-07-08-10	University of Delaware	Neurological-Based Low Back Pain Subgrouping to Enhance Treatment and Outcomes Prediction	\$1,038,474	\$0	\$0			
11	2023-07-08-11	University of Delaware	Joint Gravity-Seismic Imaging of Deformational Structures at Active and Inactive Plate Boundaries	\$199,537	\$0	\$0			
12	2023-07-08-12	University of Delaware	Ultra-Compact Wideband Electro-Optic Modulator Based on Ferroelectric Materials	\$0	\$0	\$102,445			
13	2023-07-08-13	University of Delaware	Social Media Uses and Effects Among Youth with Disabilities	\$312,159	\$0	\$0			
14	2023-07-08-14	University of Delaware	Showcase the Impact on Delaware Consumers and Farmers that has Occurred Through Delaware's "Farm To" Programs, Including Farm to School, Farm to Community, and Farm to Store	\$0	\$0	\$10,300			
15	2023-07-08-15	University of Delaware	NOAA NWS National Mesonet Program 2021	\$0	\$0	\$47,980			
16	2023-07-08-16	University of Delaware	Rail Research and Development Center of Excellence	\$0	\$0	\$354,869			
17	2023-07-08-17	University of Delaware	Cost Effective Recovery of Single Cell Oil	\$0	\$0	\$317,880			
18	2023-07-08-18	University of Delaware	Impossible Objects, Inc. Purchase Order with Dr. Dirk Heider	\$0	\$0	\$36,127			
19	2023-07-08-19	University of Delaware	Paraprofessional Pathways to Special Education Certification	\$928,416	\$0	\$0			
20	2023-07-08-20	University of Delaware	A Survey Experiment on the Role of Framing and Macroeconomic Environment on Anti-Immigrant Attitudes	\$0	\$0	\$2,500			

21	2023-07-08-21	University of Delaware	Acquisition of Goods and Services	\$4,545	\$0	\$0
22	2023-07-08-22	University of Delaware	Explore the MOA Biomarkers of Eastman Monoglyceride Products on Broiler Performance and Health Status	\$0	\$0	\$44,408
23	2023-07-08-23	University of Delaware	Epigenetic Biomarkers for Spastic Cerebral Palsy	\$0	\$0	\$823,523
24	2023-07-08-24	University of Delaware	Examining Circadian Misalignment as a Determinant of Cardiovascular Disease Risk in Free-Living, Non-Shift Working Adults	\$2,598,024	\$0	\$0
25	2023-07-08-25	University of Delaware	Development of Sustainable Products from Waste Laboratory Consumables	\$0	\$0	\$46,875
26	2023-07-08-26	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	\$35,785
27	2023-07-08-27	University of Delaware	Measuring Workplace Inclusion for Autistic Employees and the Connections to Mental Health	\$199,886	\$0	\$0
28	2023-07-08-28	University of Delaware	Proto-OKN Theme 1: A Dynamically-Updated Open Knowledge Network for Health: Integrating Biomedical Insights with Social Determinants of Health	\$0	\$0	\$390,699
29	2023-07-08-29	University of Delaware	A Virtual Laboratory for Resolving Key Uncertainties in Offshore Wind Energy	\$0	\$0	\$185,653
30	2023-07-08-30	University of Delaware	Molecular Mechanism of Atomic Layer Etching: The Role of Surface Defects	\$852,673	\$0	\$0
31	2023-07-08-31	University of Delaware	Novel in Situ Analysis of the Functional Impacts of Osteoarthritis in the Mouse Model	\$258,685	\$0	\$0
32	2023-07-08-32	University of Delaware	MCAO Provencal Salary	\$0	\$0	\$133,944
33	2023-07-08-33	University of Delaware	Pore Structure Optimization During Thick-Section Carbon-Carbon Composites Pyrolysis	\$0	\$0	\$65,275
34	2023-07-08-34	University of Delaware	Mitigating Avian Influenza Transmission by Darkling Beetles	\$0	\$0	\$61,564
35	2023-07-08-35	University of Delaware	Spatial Ecology of Fish Spawning Aggregations and Their Transgenerational Connectivity to Reef Habitats	\$1,587,137	\$0	\$0
36	2023-07-08-36	University of Delaware	RI: Small: Visual-Inertial Estimation and Learning at the Edge	\$392,379	\$0	\$0
37	2023-07-08-37	University of Delaware	Coalition for Translational Entrepreneurship	\$1,826,057	\$0	\$0
38	2023-07-08-38	University of Delaware	Modifying RNA and Student Learning: Discovery and Characterization of New 5 Glyco Capped mRNAs and Building a New Research-Based Laboratory Course in Protein-RNA Interactions	\$0	\$0	\$120,000
39	2023-07-08-39	University of Delaware	Overcoming Natural Photosynthesis Inefficiency by Designing Artificial Plant (AP) Systems to Transform Decarbonization and Industrial Manufacturing	\$0	\$0	\$375,001
40	2023-07-08-40	University of Delaware	CAREER: Design and Processing of Moisture- Responsive 3D Knitted Structures with Adaptable Mechanical Performance	\$419,063	\$0	\$0
41	2023-07-08-41	University of Delaware	Evaluation of Disparities of the Implementation of the Healthy Food Financing Initiative and Consequences for Household Food Insecurity	\$274,997	\$0	\$0
42	2023-07-08-42	University of Delaware	Mechanical Stimuli for Bone Repair Using Microrobots	\$275,001	\$0	\$0
43	2023-07-08-43	University of Delaware	Coping with Academic Identity Threats: Rejection, Impostor Syndrome, and Lack of Belonging	\$245,388	\$0	\$0
44	2023-07-08-44	University of Delaware	Controlled Antigen Display from a Bundlemer for B-cell Activation	\$274,999	\$0	\$0
45	2023-07-08-45	University of Delaware	Causes of the Global Rise of Right-Wing Populism: A Survey Experiment Proposal	\$0	\$0	\$2,500
46	2023-07-08-46	University of Delaware	Advanced Health Lifestyles PANO FY 24	\$0	\$0	\$44,295

47	2023-07-08-47	University of Delaware	Real Time Tablet Computing Gamified Cognitive Assessments for mTBI and Hypoxia	\$0	\$0	\$177,012
48	2023-07-08-48	University of Delaware	EPSCoR Workshop on Machine Learning for Analysis of High-Energy Cosmic Particles	\$77,804	\$0	\$0
49	2023-07-08-49	University of Delaware	Development of Numerical Methods for Improved MRI Myelin Mapping in the Brain Through Use of Localized Regularization of a Particular Fredholm Equation of the First Kind	\$6,000	\$0	\$0
50	2023-07-08-50	University of Delaware	Synthetic Extracellular Matrix Materials for Lymph Node Stromal Cell Manufacturing and Tissue Engineering	\$430,772	\$0	\$0
51	2023-07-08-51	University of Delaware	Spatiotemporal Dynamic Materials to Assess Point-of-Origin Mechanobiology	\$450,518	\$0	\$0
52	2023-07-08-52	University of Delaware	Achilles Tendinopathy Collaborative Exchange	\$0	\$0	\$5,000
53	2023-07-08-53	University of Delaware	MINE: What is Ours in the Wake of Extraction	\$76,400	\$0	\$0
54	2023-07-08-54	University of Delaware	Expanding Southern Highbush Blueberries to Underserved Regions of Southeastern U.S.	\$0	\$0	\$22,432
55	2023-07-08-55	University of Delaware	Delaware INBRE	\$15,782,076	\$0	\$0
56	2023-07-08-56	University of Delaware	Establishment of a Chicken 3D Enteroids Model to Study the Effects of Bioactive Compounds on Intestinal Functions	\$0	\$0	\$56,126
57	2023-07-08-57	University of Delaware	Mid-scale RI-2: SCALE - Safe and Composable Autonomy for Logistics with Electrical vehicles	\$0	\$0	\$958,405
58	2023-07-08-58	University of Delaware	Performance-Advantaged Electrification of Chemical Manufacturing	\$4,783,379	\$0	\$0
59	2023-07-08-59	University of Delaware	Planning: CRISES: Adaptive Coastal Resilience Along the Atlantic Seaboard (ACRAS)	\$68,122	\$0	\$0
60	2023-07-08-60	University of Delaware	A Smart Ground-Based Vision System for Automated Inventory Management and Quality Evaluation of Ornamental Nursery Crops	\$0	\$0	\$12,035
61	2023-07-08-61	University of Delaware	Nemours Gumpili 2023	\$0	\$0	\$67,438
62	2023-07-08-62	University of Delaware	Dubai Multi Commodities Centre Authority (DMCC) Research Assistantship Program	\$0	\$0	\$12,000
63	2023-07-08-63	University of Delaware	Planning: CRISES: Interdisciplinary Center for the Study of Catastrophic Surprises	\$62,492	\$0	\$0
64	2023-07-08-64	University of Delaware	EAGER: A Comprehensive Approach for Generating, Sharing, > Searching, and Using High-Resolution Terrain Parameters	\$0	\$0	\$31,731
65	2023-07-08-65	University of Delaware	Photon Recycled High Quantum Efficiency Two-Dimensional Material - Active Silicon Nanophotonic Receiver Array for Radiation Hard Photon Counters	\$423,667	\$0	\$0
66	2023-07-08-66	University of Delaware	Biomarkers of Epileptogenesis in TSC	\$0	\$0	\$181,352
67	2023-07-08-67	University of Delaware	TRTech-PGR: Exploration of Extra-Chromosomal Circular DNA (eccDNA) as a Reservoir of Genetic Heterogeneity and Vehicle for Rapid Adaptation	\$0	\$0	\$413,837
68	2023-07-08-68	University of Delaware	Implementation of a Parenting and Financial Planning Intervention for Low-Income Head Start Families	\$0	\$0	\$65,209
69	2023-07-08-69	University of Delaware	Determining the Molecular Mechanisms of HIV-1 Maturation	\$2,502,601	\$0	\$0
70	2023-07-08-70	University of Delaware	Automated Design of Microbial Sensors	\$0	\$0	\$840,152
71	2023-07-08-71	University of Delaware	A Temporally Tunable Autonomic Genetic Fuse for Engineered Microbes in Open Environments	\$336,249	\$0	\$0
72	2023-07-08-72	University of Delaware	Food-Grade Processing Facility for Novel Food Product Development, Emerging Processing Technologies, Multidisciplinary Training, and Services	\$145,500	\$0	\$0

73	2023-07-08-73	University of Delaware	Feed the Future Innovation Lab for Climate Resilient Cereals	\$0	\$0	\$140,006
74	2023-07-08-74	University of Delaware	Evaluating the Antiviral Properties of Low-level Hydrogen Peroxide Generated by a Photo Catalytic Oxidation in a Simulated Production Setting	\$0	\$0	\$66,282
75	2023-07-08-75	University of Delaware	A Community-Based Evaluation of Attachment and Biobehavioral Catch-Up	\$0	\$0	\$8,877
76	2023-07-08-76	University of Delaware	Scaling Sustainability: Integrating Agrivoltaics, Climate-Resilient Plants, and Rainwater Harvesting for Sustainable Urban Systems	\$0	\$0	\$683,139
77	2023-07-08-77	University of Delaware	Heading and Soccer: Understanding Cognitive Risks, Benefits, and the Potential Mediating Role of White Matter	\$0	\$0	\$112,463
78	2023-07-08-78	University of Delaware	Atomic Layer Etching of Two-Dimensional Van Der Waals Materials	\$559,524	\$0	\$0
79	2023-07-08-79	University of Delaware	Extended Culture Validation of Human Lymph Node Chip	\$0	\$0	\$117,884
80	2023-07-08-80	University of Delaware	Examining the Use of Language-Mixing on Word Recognition and Word Learning in School Aged Second Language Learners	\$0	\$0	\$2,000
81	2023-07-08-81	University of Delaware	Clinical and Biomechanical Implications of Graft Site Tendon Recovery After Anterior Cruciate Ligament Reconstruction Using Bone-Patellar Tendon-Bone Autograft	\$275,000	\$0	\$0
82	2023-07-08-82	University of Delaware	Enhancing the Quality of Kindergarten Services	\$0	\$0	\$82,994
83	2023-07-08-83	University of Delaware	Acquisition of Goods and Services	\$18,182	\$0	\$0
84	2023-07-08-84	University of Delaware	State View Program Development and Operations for the State of Delaware	\$0	\$0	\$22,174
85	2023-07-08-85	University of Delaware	PRISM: Preparing Diverse Researchers Within the Intersections of Special Education and Mathematics	\$0	\$0	\$829,058
86	2023-07-08-86	University of Delaware	Lead Safe Play: Citizen Science Drinking Water Assessment in Wilmington, DE Parks	\$0	\$0	\$9,914
87	2023-07-08-87	University of Delaware	Collaborative Research: Biomechanical Control of Phagocytosis in 4D Using Static and Dynamic Engineered Tissue Microenvironments and Physiological Synthetic Particles	\$102,238	\$0	\$0
88	2023-07-08-88	University of Delaware	Oceanographic Technical Services	\$8,100	\$0	\$0
89	2023-07-08-89	University of Delaware	New Theoretical and Computational Methods for Dissipative Polariton Dynamics	\$620,471	\$0	\$0
90	2023-07-08-90	University of Delaware	Orchestrating Data Movement and Bootstrapping in Homomorphic Deep Learning	\$0	\$0	\$198,444
91	2023-07-08-91	University of Delaware	S4PST, Sustainability for Node Level Programming Systems and Tools	\$6,250	\$0	\$0
92	2023-07-08-92	University of Delaware	Electro-Optic Photonic Integrated Circuits in Thin Lithium Niobate	\$0	\$0	\$781
93	2023-07-08-93	University of Delaware	Assist in Engaging Extension Systems Throughout the Northeast in Participation in and Contribution to the Efforts of the Cultivemos/FRSAN-NE	\$0	\$0	\$72,945
94	2023-07-08-94	University of Delaware	Mission 23-4FR Corsica	\$0	\$0	\$65,757
95	2023-07-08-95	University of Delaware	Generating a Toolkit to Measure Skills Among Adolescents in Low- and Very Low-Income Countries	\$0	\$0	\$173,886
96	2023-07-08-96	University of Delaware	Education DCL:Eager:Educating Security and Privacy of Metaverse in Metaverse to Teenagers	\$239,424	\$0	\$0
97	2023-07-08-97	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$209,167	\$0	\$0
98	2023-07-08-98	University of Delaware	An Analysis of Science and Mathematics Educator Mobility to Enhance Students Equitable Access to STEM Teaching	\$0	\$0	\$327,008

99	2023-07-08-99	University of Delaware	MRI Evaluation of Jugular Compression Collars for TBI Prevention	\$0	\$0	\$217,312
100	2023-09-09-01	Delaware State University	Acquisition of Goods and Services FY24	\$33,550	\$0	\$0
101	2023-09-09-02	Delaware State University	Assess Dietary Habits and Develop Culturally-Tailored Education Programs to Control Diet-Related Chronic Diseases Among African-Born Immigrants	\$300,000	\$0	\$0
102	2023-09-09-03	Delaware State University	Xenopus Immunome: Functional Studies of the Xenopus Interferon Complex with Focus on Characterization, Diversification, Expansion and Contraction	\$62,879	\$0	\$0
103	2023-09-09-04	Delaware State University	New Elective Towards an MBA with a Strategic and Security Management Concentration	\$10,500	\$0	\$0
104	2023-09-09-05	Delaware State University	Developing Pre- and Post-Harvest Methods to Detect and Reduce Per- and Polyfluoroalkyl Substances in Edible Bivalves	\$38,700	\$0	\$0
105	2023-09-09-06	Delaware State University	The Role of RNase H2 in Prevention of Motor Neuron Degeneration in C. Elegans	\$73,000	\$0	\$0
106	2023-09-09-07	Delaware State University	RII Track-1: The Delaware Sustainability Science & Policy Hub for a Circular Economy - Federal	\$5,164,573	\$0	\$0
107	2023-09-09-08	Delaware State University	DSU SNAP-Ed Program FY 24	\$154,947	\$0	\$0
108	2023-09-09-09	Delaware State University	Reaching Out to Limited Resource Growers with Sustainable, Climate Resilient Production Technique	\$93,251	\$0	\$0
109	2023-09-09-10	Delaware State University	Finding and Assessing PAH Mutations to Develop PKU Therapeutics	\$146,000	\$0	\$0
110	2023-09-09-11	Delaware State University	Supercapacitive Swing Adsorption: A Universal Technology for Both Carbon Capture from Point Sources and Carbon Dioxide Removal from Air	\$300,000	\$0	\$0
111	2023-09-09-12	Delaware State University	Collaborative Research: Conference: Convenings to Develop Grants Made: Grant and Research Administration Networking and Training for Students at Maryland and Delaware MSI's	\$20,125	\$0	\$0
112	2023-09-09-13	Delaware State University	Bioactive and Anti-diabetic Properties of Polyphenols from Blueberry (Vaccinium Corymbosum)	\$100,004	\$0	\$0
113	2023-09-09-14	Delaware State University	Leveraging Consumer Trends and Multidisciplinary Collaboration in Developing Nutritionally Improved and Healthy Snacks	\$499,993	\$0	\$0
114	2023-09-09-15	Delaware State University	Anti-Diabetic Properties of Blueberry Polyphenols	\$50,034	\$0	\$0
115	2023-09-09-16	Delaware State University	Transgenic Accumulation and in Situ Activation of Ligninolytic Peroxidases for Sustainable Production of Biofuels	\$499,999	\$0	\$0
116	2023-09-09-17	Delaware State University	Evaluation of Under-Utilized Tree Crop, R Heudelotii (Tropical Oilseed) as a Functional Feed for Production of Omega-3 Enriched Pork	\$147,939	\$0	\$0
117	2023-09-09-18	Delaware State University	Foster Inter-Institutional Partnerships to Enhance Faculty and Students Professional Development and Career Opportunities in Food and Agriculture	\$300,000	\$0	\$0
118	2023-09-09-19	Delaware State University	Intensifying Machine Learning/AI Infrastructure in the Data Science Research and Education Hub at DSU Downtown	\$750,000	\$0	\$0
119	2023-09-09-20	Delaware State University	DE Shellfish Aquaculture: K-12 Training to Support an Emerging Industry	\$299,307	\$0	\$0
120	2023-09-09-21	Delaware State University	Prevalence of Toxoplasma Gondii on Small Ruminant Farms and Small Ruminant Products in the Mid-Atlantic United States	\$249,996	\$0	\$0
121	2023-09-09-22	Delaware State University	Title: Extend the Shelf Life of Strawberries by Sustainable Post Harvest Practices-Using Pulsed Light and Edible Coatings	\$60,000	\$0	\$0
122	2023-09-09-23	Delaware State University	Water Quality Certification Program: Detection of Inorganic and Organic Contaminants in Delaware's Wastewater and Wastewater Remediation	\$599,680	\$0	\$0
123	2023-09-09-24	Delaware State University	Increasing the Income Opportunities of Limited Resource Farms Through Developing and Marketing of Value Added Products	\$238,774	\$0	\$0
124	2023-09-09-25	Delaware State University	Increasing Solar-Powered Land-Grant Research Capacity at Delaware State University	\$593,880	\$0	\$0

125	2023-09-09-26	Delaware State University	Utilizing Machine Learning to Assess Future Sea Level Rise Impacts on Delaware	\$199,870	\$0	\$0
126	2023-09-09-27	Delaware State University	Phenotypic and Genotypic Analysis of Macronutrient Deficiency and Heat Stress in Legumes	\$299,082	\$0	\$0

9/6/2023

**Delaware State Clearinghouse Committee
Revised October Agenda**

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

<u>Item</u>	<u>SA#</u>	<u>Applicant</u>	<u>Project Title</u>	<u>Federal</u>	<u>Funding State</u>	<u>Other</u>	<u>Federal</u>	<u>Positions State</u>	<u>Other</u>
New Business*									
4	6117	Legal, Department of Justice	Medicaid Fraud Control Unit	\$2,183,996	\$728,000	\$0	14.50	4.50	0.00
2	2023-06-28-01	Department of State, Division of Arts, Office of the Director	Access Creative Aging	\$0	\$50,000	\$95,000	0.00	0.00	0.00
3	6101	Department of Health and Social Services, Division of Public Health, Community Health	Women, Infants and Children (WIC) Modernization - ARP	\$844,320	\$0	\$0	0.00	0.00	0.00
4	6109	Department of Health and Social Services, Substance Abuse and Mental Health	988 State and Territory Improvement	\$2,403,033	\$0	\$0	0.00	0.00	0.00
5	6126	Department of Agriculture, Administration	Resilient Food Systems Infrastructure Program - ARP	\$2,151,300	\$0	\$0	0.00	0.00	0.00
6	5717	Sussex Montessori Charter School	Community Facility Grant	\$398,600	\$0	\$39,657	0.00	0.00	0.00
7	2023-08-01-02	Sussex Montessori Charter School	Welfare Foundation Grant *Match for SAI 5717	\$0	\$0	\$200,000	0.00	0.00	0.00
8	2023-08-01-03	Sussex Montessori Charter School	Crystal Trust Foundation Grant *Match for SAI 5717	\$0	\$0	\$250,000	0.00	0.00	0.00
Continued									
1	6079	Executive, Criminal Justice, Criminal Justice Council	Title II Formula Block Grant	\$485,607	\$49,596	\$0	0.54	0.56	0.00
2	5918	Department of Health and Social Services, Visually Impaired Services	Supported Employment - A	\$21,000	\$0	\$0	0.00	0.00	0.00
3	5919	Department of Health and Social Services, Visually Impaired Services	Supported Employment - B	\$21,000	\$2,333	\$0	0.00	0.00	0.00
4	5920	Department of Health and Social Services, Visually Impaired Services	Independent Living Services for Older Blind Individuals Who Are Blind	\$225,000	\$256,487	\$0	1.75	3.00	0.00
5	6086	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Medicaid	\$1,731,722	\$702,091	\$0	11.90	8.50	0.00
6	6089	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Long Term Care	\$1,168,301	\$0	\$0	0.00	0.00	0.00
7	6099	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare & Medicaid Services Survey and Certification - Hospice	\$21,529	\$0	\$0	0.12	0.00	0.00
8	6105	Department of Health and Social Services, State Service Centers	AmeriCorps Formula Fixed ARP	\$436,963	\$0	\$0	0.00	0.00	0.00
9	6107	Department of Health and Social Services, State Service Centers	AmeriCorps State Formula Fixed	\$817,897	\$0	\$0	0.00	0.00	0.00
10	6111	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title VII Ombudsman Activity	\$108,948	\$0	\$0	0.00	0.00	0.00
11	6112	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title VII Elder Abuse Prevention	\$23,579	\$0	\$0	0.00	0.00	0.00
12	6113	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Nutrition Services Incentive Plan	\$504,503	\$0	\$0	0.00	0.00	0.00
13	6114	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III E National Family Caregivers Support	\$977,210	\$215,779	\$0	3.00	0.00	0.00
14	6115	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III Disease Prevention and Health Promotion	\$130,555	\$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>

15	6116	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III Part C-2 Home Delivered Meals	\$1,802,519	\$599,940	\$0	0.00	0.00	0.00
16	6120	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III Part C-1 Congregate Meals	\$2,651,250	\$1,242,748	\$0	3.75	5.25	0.00
17	6121	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III Part B Supportive Services	\$2,035,182	\$1,494,276	\$0	12.50	14.50	0.00
18	5569 Amendment	Department of Health and Social Services, Social Services	Supplemental Nutritional Assistance Program Pandemic Electronic Benefits Administration - ARP	\$2,020,984	\$0	\$0	0.00	0.00	0.00
19	6100	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Recreational Boating Safety Grant	\$1,026,683	\$1,361,347	\$0	6.25	9.95	0.00
20	6102	Department of Natural Resources and Environmental Control, Office of the Secretary, Office of Environmental Protection, Air Quality	State Clean Diesel Grant Program	\$36,360	\$0	\$108,750	0.00	0.00	0.00
21	6033	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Emergency Management Performance Grant	\$3,306,466	\$1,496,976	\$1,809,490	14.50	8.25	9.75
22	6108	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Non-Profit Security Grant Program	\$2,058,199	\$0	\$0	0.00	0.00	0.00
23	6046	Department of Labor, Unemployment Insurance	Reemployment and Eligibility Assessment	\$781,725	\$0	\$0	9.07	0.00	0.00
24	6059	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Supported Employment	\$258,000	\$38,100	\$0	0.00	0.00	0.00
25	6064	Department of Labor, Office of Occupational and Labor Market Information	Workforce Information Grant	\$302,193	\$0	\$0	1.50	0.00	0.00
26	6071	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Independent Living	\$348,060	\$34,806	\$0	1.00	0.00	0.00
27	6077	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	\$569,648	\$0	\$0	6.50	0.00	0.00
28	6090	Department of Labor, Unemployment Insurance	Unemployment Insurance Administration Grant	\$9,000,000	\$0	\$0	123.51	0.00	0.00
29	6104	Department of Labor, Industrial Affairs, Anti-Discrimination	Equal Employment Opportunity Commission	\$378,300	\$0	\$0	3.00	0.00	0.00
30	6082	Department of Agriculture, Forest Service	State Forest Action Plan Implementation - IJJA	\$227,000	\$0	\$0	0.00	0.00	0.00
31	6094	Department of Agriculture, Forest Service	State Fire Assistance	\$136,875	\$107,808	\$29,067	0.60	1.26	0.00
32	6095	Department of Agriculture, Forest Service	Urban and Community Forestry	\$395,000	\$255,809	\$139,191	1.15	2.79	0.00
33	6096	Department of Agriculture, Forest Service	Volunteer Fire Assistance	\$39,262	\$10,235	\$30,772	0.00	0.12	0.00
34	6097	Department of Agriculture, Food Products Inspection	Cooperative Meat Inspection	\$222,943	\$222,943	\$0	2.40	2.40	0.00
35	5751 Amendment	Department of Education, Student Support	Supply Chain Assistance	\$3,540,728	\$0	\$0	0.00	0.00	0.00
36	6098	Department of Education, Student Support	Equipment Assistance Grant	\$99,399	\$0	\$0	0.00	0.00	0.00

Higher Education

1	2023-10-07-01	University of Delaware	Delmarva Region Advanced Composites Manufacturing Technology and Innovation Corridor (Dramatic)	\$325,144	\$0	\$0			
2	2023-10-07-02	University of Delaware	A Live Bacterial Vector for Lung Cancer Vaccination with Enhanced Immunogenicity	\$0	\$0	\$90,625			
3	2023-10-07-03	University of Delaware	Healthy Soils Healthy Urban Forests: Management Impacts on Plant and Soil Ecosystem Function	\$0	\$0	\$124,348			
4	2023-10-07-04	University of Delaware	Radio America Production of Educational Audio and Video Features for the Center for Economic Educations & Entrepreneurship	\$0	\$0	\$66,136			

5	2023-10-07-05	University of Delaware	Disentangled Learning Representations of Sonar Data for Target Recognition and Semantic Compression	\$240,437	\$0	\$0
6	2023-10-07-06	University of Delaware	Discovery and Development of USP15 Inhibitor for Treatment of Lewy Body Dementia	\$1,652,614	\$0	\$0
7	2023-10-07-07	University of Delaware	Dissecting the Role Of HAX-1 in the Control of Vasomotor Tone	\$1,915,000	\$0	\$0
8	2023-10-07-08	University of Delaware	Partnership: Managing Multiple Ecosystem Services of Rice Production in Response to Rising Temperatures: GHG Emissions, Metal(Loid) Content, and Harvest Yield	\$0	\$0	\$307,021
9	2023-10-07-09	University of Delaware	Undergraduate Research Training in Cardiovascular Health	\$0	\$0	\$164,997
10	2023-10-07-10	University of Delaware	Math Coaching & PI	\$0	\$0	\$24,227
11	2023-10-07-11	University of Delaware	Statistical Study of Waves in the Solar Wind Using Machine Learning	\$73,011	\$0	\$0
12	2023-10-07-12	University of Delaware	Collaborative Research: Elucidating the Mechanisms of Phosphate Oxygen Isotope Signatures Imprinted During Biomass Burning for a Better Understanding of the Post-Fire P Cycling	\$219,619	\$0	\$0
13	2023-10-07-13	University of Delaware	Fiscal Capacity and Institutional Impact: Evidence from HBCU Investments	\$0	\$0	\$55,003
14	2023-10-07-14	University of Delaware	Smith-Lever Act Capacity Grant FY2023 Supplemental	\$22,967	\$0	\$0
15	2023-10-07-15	University of Delaware	USDA Hatch Multistate FY23 Supplemental	\$6,193	\$0	\$0
16	2023-10-07-16	University of Delaware	USDA Hatch Regular Keeler 23 Supplemental	\$7,490	\$0	\$0
17	2023-10-07-17	University of Delaware	University of Delaware Expanded Food and Nutrition Education Program (EFNEP) FY2023 Additional Funding	\$2,341	\$0	\$0
18	2023-10-07-18	University of Delaware	Acquisition of Goods and Services	\$13,636	\$0	\$0
19	2023-10-07-19	University of Delaware	Partnership: [AI-Aided Development of Biodegradable Edible Packaging for Shelf-Life Extension of Perishable Foods Using Buckwheat Protein Concentrate]	\$0	\$0	\$110,824
20	2023-10-07-20	University of Delaware	Identifying Causal Function of the Reticulospinal Tract in Long-Latency Responses in Healthy and Post-Stroke Individuals	\$0	\$0	\$67,388
21	2023-10-07-21	University of Delaware	What are the Patterns of Student Absenteeism, and Which Matter?	\$0	\$0	\$345,995
22	2023-10-07-22	University of Delaware	The Resilience Education Program (REP): Examining a Targeted Intervention for High School Students at Risk for Internalizing Behavior Concerns	\$0	\$0	\$193,217
23	2023-10-07-23	University of Delaware	Telehealth and Opioid Use Disorder Treatment Among Medicaid Enrollees in 9 States	\$0	\$0	\$114,084
24	2023-10-07-24	University of Delaware	Collaborative Research: CDS&E: Exploration of an End-to-End Deep Learning Framework for Subsurface Fracture Characterization	\$195,826	\$0	\$0
25	2023-10-07-25	University of Delaware	AI-Assisted Processing for Sorghum Protein Based Meat Analog	\$0	\$0	\$90,909
26	2023-10-07-26	University of Delaware	Uniprot: A Centralized Protein Sequence and Function Resource Supplement	\$0	\$0	\$125,000
27	2023-10-07-27	University of Delaware	Improving the Retention of Speech-Perceptual Learning in Adults with and Without Language Disorder	\$123,844	\$0	\$0
28	2023-10-07-28	University of Delaware	US Geotraces GP17-OCE and GP17-ANT: Atmospheric Deposition and Aerosol Fractional Solubility in Remote Ocean Regions	\$0	\$0	\$56,628
29	2023-10-07-29	University of Delaware	Modulating Prebiotic Carbohydrates in Plant-Based Meat Analogs by Novel Processing and Delivery Systems	\$0	\$0	\$159,091
30	2023-10-07-30	University of Delaware	Research Affiliation and Biomedical Services	\$0	\$0	\$77,534
31	2023-10-07-31	University of Delaware	Harnessing Plant Growth-Promoting Rhizobacteria for Redirecting Phytate for Plant Nutrition and Enhancing Soil Health	\$524,958	\$0	\$0
32	2023-10-07-32	University of Delaware	Acquisition of Goods and Services	\$29,099	\$0	\$0
33	2023-10-07-33	University of Delaware	Math Coaching & PI	\$0	\$0	\$19,002

34	2023-10-07-34	University of Delaware	Field Demonstration of an Integrated Nanoscale Zero Valent Iron-Hydrogen Peroxide Process for Complete Destruction of Munitions Compounds in Wastewater	\$0	\$0	\$3,124
35	2023-10-07-35	University of Delaware	Evaluation of Harvest Weed Seed Control Tactics for Sustainable Integration into US Cropping Systems	\$0	\$0	\$70,151
36	2023-10-07-36	University of Delaware	FDSS: Track 1. Expansion and Integration of Space Physics at the University of Delaware	\$945,470	\$0	\$0
37	2023-10-07-37	University of Delaware	Project Twist: Targeted Writing Intervention for Sentence Writing and Transcription	\$1,579,335	\$0	\$0
38	2023-10-07-38	University of Delaware	Post-School Pathways for Youth on the Autism Spectrum	\$1,063,741	\$0	\$0
39	2023-10-07-39	University of Delaware	HHS Dati 23-24 Mineo Supp	\$1,138	\$0	\$0
40	2023-10-07-40	University of Delaware	Grow: A National Response to the Herbicide-Resistant Weed Epidemic	\$199,063	\$0	\$0
41	2023-10-07-41	University of Delaware	Partnership: Methane Reducing Feed Additives: Exploring Livestock Farmer Preferences and Potential Barriers to Adoption	\$709,640	\$0	\$0
42	2023-10-07-42	University of Delaware	Partnership: Rethinking Organic Sources of Nitrogen in Low and High Diversity Cropping Systems	\$655,380	\$0	\$0
43	2023-10-07-43	University of Delaware	Turning Brownfield into Greenfield: Novel Approach of Capturing Excess Phosphorus in Nutrient Enriched Soils	\$524,856	\$0	\$0
44	2023-10-07-44	University of Delaware	Sloan Fellowship Rising	\$0	\$0	\$75,000
45	2023-10-07-45	University of Delaware	Sloan Research Foundation Fellowship	\$0	\$0	\$75,000
46	2023-10-07-46	University of Delaware	Patterns of Tyranny in Greek History	\$6,000	\$0	\$0
47	2023-10-07-47	University of Delaware	In-Situ/Ex-Situ Mechanical Characterization of Battery Component Materials with Various Electrochemical Status	\$0	\$0	\$83,676
48	2023-10-07-48	University of Delaware	Development of the Orienting Positive Emotions in New Educators for Mathematics (OPEN for Math) Professional Learning Program	\$1,249,551	\$0	\$0
49	2023-10-07-49	University of Delaware	Development of Biological Control Methods for Management of Spotted Lanternfly	\$9,456	\$0	\$0
50	2023-10-07-50	University of Delaware	The Delaware Early Literacy Research-Practice Partnership- A Catalyst for Educational Equality	\$0	\$0	\$568,946
51	2023-10-07-51	University of Delaware	The Elite Giants, 1920-1951: Baseball, Race, and Culture from Nashville to Baltimore	\$6,000	\$0	\$0
52	2023-10-07-52	University of Delaware	The Baby Play Program: Promoting Motor, Cognitive, and Language Outcomes for Preterm Infants Through Parent Education	\$1,645,893	\$0	\$0
53	2023-10-07-53	University of Delaware	Sea Grant 2024-27 Omnibus Core Institutional Funding	\$4,411,090	\$0	\$0
54	2023-10-07-54	University of Delaware	Adaptive Thermal Camouflage by Tunable Metasurfaces	\$0	\$0	\$65,650
55	2023-10-07-55	University of Delaware	Acquisition of Goods and Services	\$10,000	\$0	\$0
56	2023-10-07-56	University of Delaware	Acquisition of Goods and Services	\$4,545	\$0	\$0
57	2023-10-07-57	University of Delaware	Acquisition of Goods and Services	\$9,091	\$0	\$0
58	2023-10-07-58	University of Delaware	Theoretical Support for the MMS Mission: Reconnection and Particle Acceleration in a Turbulent Environment	\$19,231	\$0	\$0
59	2023-10-07-59	University of Delaware	Bio-Upgrading Wood Waste into High Performance Structural Materials	\$0	\$0	\$511,380
60	2023-10-07-60	University of Delaware	Refining Standard Intervention Protocols to Address Emotional Risk in the Early Elementary Years	\$652,438	\$0	\$0
61	2023-10-07-61	University of Delaware	Caring for the Caregiver: Strategies to Improve the Health and Wellbeing of Child Care Educators Statewide	\$0	\$0	\$31,206
62	2023-10-07-62	University of Delaware	A Sustainable Approach to Promoting Physical Activity in Low-Income, Black Youth	\$2,498,951	\$0	\$0
63	2023-10-07-63	University of Delaware	CogniSense: Center on Cognitive Multispectral Sensors	\$0	\$0	\$55,000

64	2023-10-07-64	University of Delaware	Wearable Monitoring of Respiratory Changes in Heat Stress	\$0	\$0	\$21,875
65	2023-10-07-65	University of Delaware	ECR: Validating Learning Analytics with Student Voice	\$0	\$0	\$145,645
66	2023-10-07-66	University of Delaware	ECR: Validating Learning Analytics with Student Voice	\$0	\$0	\$145,645
67	2023-10-07-67	University of Delaware	Understanding the Thermal Hazards of the Aged Cell Upon Abusive Scenarios	\$0	\$0	\$211,025
68	2023-10-07-68	University of Delaware	Being Human Festival: Celebrating the Humanities in Communities Nationwide	\$0	\$0	\$1,710
69	2023-10-07-69	University of Delaware	The Impacts of Global Large-Scale Land Acquisitions on Local Socio-Ecological Systems	\$0	\$0	\$48,750
70	2023-10-07-70	University of Delaware	Combinatorially Structured Diffusions	\$164,640	\$0	\$0
71	2023-10-07-71	University of Delaware	Developing and Validating a Fraction Power Screener for Students with Mathematics Difficulties	\$1,846,818	\$0	\$0
72	2023-10-07-72	University of Delaware	Developing the DASAL: Digital Assessment of Spatial Assembly and Spatial Language	\$1,795,172	\$0	\$0
73	2023-10-07-73	University of Delaware	Project CHAT (ChatGPT for Advancing Teaching): Enhancing Middle School Engineering Education Via an AI-integrated Intervention	\$1,600,365	\$0	\$0
74	2023-10-07-74	University of Delaware	Efficacy of SR Stimulation to Produce Short-Term Improvements in Somatosensation and Standing Balance in CP	\$275,000	\$0	\$0
75	2023-10-07-75	University of Delaware	Delaware APEX Accelerator Program	\$372,472	\$98,250	\$0
76	2023-10-07-76	University of Delaware	Spatial Intelligence-Driven Digital Twins: A New Paradigm for Disaster Management	\$0	\$0	\$65,275
77	2023-10-07-77	University of Delaware	Enhancing the Capacity of Food Processing and Nutrition Through Integrated Research & Education on Prebiotic-Fortified Meat Analogs	\$0	\$0	\$327,272
78	2023-10-07-78	University of Delaware	Korean Studies 2024 Support for Employment of Contract Faculty Member	\$0	\$0	\$17,392
79	2023-10-07-79	University of Delaware	Role of NYC's Universal Pre-K Expansion on the Health and Education of Children	\$0	\$0	\$305,468
80	2023-10-07-80	University of Delaware	Sustainable Material and Process Solution for Mass Market Applications from Thermoplastic, Recycled Carbon Fiber Tuff	\$0	\$0	\$25,001
81	2023-10-07-81	University of Delaware	Satellite Detection of Ocean Acidification and Ecological Responses	\$132,226	\$0	\$0
82	2023-10-07-82	University of Delaware	Collecting O2/AR Ratio During WCOA and GOMECC Cruises to Determine Net Community Production (NCP) and Biological Controls on CO2 Distribution and Ocean Acidification	\$153,599	\$0	\$0
83	2023-10-07-83	University of Delaware	Investigating Key Determinants of Climate-Induced Mental Health Challenges in Houston Ship Channel Communities	\$0	\$0	\$21,045
84	2023-10-07-84	University of Delaware	Online Interplay Between Deciding and Acting with Mild Cognitive Impairment	\$249,998	\$0	\$0
85	2023-10-07-85	University of Delaware	Early Detection of Socket Fit Issues in Transfemoral Prosthesis Users	\$0	\$0	\$77,718
86	2023-10-07-86	University of Delaware	Building the Capacity of Multidisciplinary Research and Education in Food and Agriculture Science: Value-Added and Innovative Food Processing of Plant Protein-Based Meat Analogs	\$0	\$0	\$30,146
87	2023-10-07-87	University of Delaware	Early Head Start Home Visitor Perceptions of Program Environment and Leadership	\$25,000	\$0	\$0
88	2023-10-07-88	University of Delaware	Characterization of CMT4B3 Motor Neurons	\$0	\$0	\$119,152
89	2023-10-07-89	University of Delaware	Role of Mesothelin in Pediatric Acute Myeloid Leukemia	\$0	\$0	\$163,423
90	2023-10-07-90	University of Delaware	Korean Diaspora Leadership Through Boundary Crossing: Organizing for Social Movement	\$0	\$0	\$11,100
91	2023-10-07-91	University of Delaware	Development and Expansion of Disease Management Decision-Making Tools Across Multiple Soybean Regions	\$0	\$0	\$15,000
92	2023-10-07-92	University of Delaware	HEALTH (Health Engagement Access Learning Teaching Humanity) for All	\$0	\$0	\$45,454
93	2023-10-07-93	University of Delaware	Building Parenting and Financial Resilience Among Underserved Families in a Post-Pandemic Time: A Study of Parenting Plus	\$0	\$0	\$77,578

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Available on the internet at <http://budget.delaware.gov/clearinghouse/abm.shtml>

94	2023-10-07-94	University of Delaware	Endothelial Dysfunction in Visceral Obesity: Dissecting the Role Of CD36	\$1,258,348	\$0	\$0
95	2023-10-07-95	University of Delaware	Partnership: Processing-Induced Changes of Microbial Accessible Carbohydrates in Meat Analogs: Gut Microbiota and Antimicrobial Resistance Gene	\$676,992	\$0	\$0
96	2023-10-07-96	University of Delaware	Metal Catalyzed Methods for Preparing Organoboron and Organosilicon Compounds	\$636,923	\$0	\$0
97	2023-10-07-97	University of Delaware	The Redox-Immunological Axis as a Mechanism of Vascular Dysfunction in Depression	\$3,034,557	\$0	\$0
98	2023-10-07-98	University of Delaware	REU Site: Summer Undergraduate Program for Engineering Research Towards a Virtual Pregnancy (SUPER VP)	\$0	\$0	\$18,151
99	2023-10-07-99	University of Delaware	Search and Documentation in the Marshall Islands 23-3MH	\$0	\$0	\$1,260
100	2023-10-08-01	University of Delaware	Umpolung Methods with Electron Rich Aromatic Systems: Aniline-Derived Reactive Intermediates in Synthesis	\$531,611	\$0	\$0
101	2023-10-08-02	University of Delaware	Social Vocalization, Neuroanatomy And Microbiome in a Genetic Mouse Model of Stuttering	\$2,486,525	\$0	\$0
102	2023-10-08-03	University of Delaware	Discovery of Molecular Probes and Therapeutic Leads, Phase II	\$208,291	\$0	\$0
103	2023-10-08-04	University of Delaware	X-Ray Emission from Fast Rotating Magnetic Massive Stars	\$0	\$0	\$9,375
104	2023-10-08-05	University of Delaware	Deploying a Rapid Response Biocontrol Strategy Against Emerald Ash Borer in Oregon	\$0	\$0	\$7,826
105	2023-10-08-06	University of Delaware	Invited Travel to Oberwolfach (Germany) and Mini-Course Speaker Tenerife (Spain)	\$0	\$0	\$3,500
106	2023-10-08-07	University of Delaware	Estimating Current Climate Losses	\$0	\$0	\$24,133
107	2023-10-08-08	University of Delaware	COBRE Phase III Year 2	\$0	\$0	\$305,000
108	2023-10-08-09	University of Delaware	Early Academic Achievement and Intervention Response: Role of Executive Function	\$0	\$0	\$1,896
109	2023-10-08-10	University of Delaware	REU Site: Dare to BE FIRST - Biomechanical Engineering Foundations in Impactful Research, Science & Technology	\$404,274	\$0	\$0
110	2023-10-08-11	University of Delaware	Nantioselective, Metal-Catalyzed Alkynylation of Oxocarbenium & Iminium Ions	\$458,313	\$0	\$0
111	2023-10-08-12	University of Delaware	Molecular Mechanisms Driving Aniridia Associated Keratopathy	\$0	\$0	\$2,745
112	2023-10-08-13	University of Delaware	Arc Cre-ERT2 as a Genetic Tool for Cell Fate Mapping of Lens Epithelial Cells	\$0	\$0	\$2,613
113	2023-10-08-14	University of Delaware	The Role of Thrombospondin 1 in the Injury Response of Lens Epithelial Cells	\$0	\$0	\$2,862
114	2023-10-08-15	University of Delaware	Elucidating the Shift of Cardiac Hsp90 β Interactome in Disease Conditions	\$0	\$0	\$939
115	2023-10-08-16	University of Delaware	Combinatorially Structured Diffusions	\$0	\$0	\$40,886
116	2023-10-08-17	University of Delaware	Identifying Targets to Address Sedentary Behaviors for Chronic Musculoskeletal Pain: The Johnston County Health Study	\$3,079,386	\$0	\$0
117	2023-10-08-18	University of Delaware	Defining the Absolute Requirement of Hsp90 in Maintaining Cell Survival	\$1,250,000	\$0	\$0
118	2023-10-08-19	University of Delaware	Regulation of Post-Traumatic Osteoarthritis Progression by the Multiscale Transmission of Mechanical Overload onto the Actin Cytoskeleton in an in Vivo Animal Model	\$2,131,408	\$0	\$0
119	2023-10-08-20	University of Delaware	Advancing Healthy Lifestyles FY23	\$0	\$0	\$1,931
120	2023-10-08-21	University of Delaware	Polynomial Approximation in Spaces of Analytic Functions	\$161,838	\$0	\$0
121	2023-10-08-22	University of Delaware	REU Site: Applied Research in Synthetic Biology & Engineering (ARISE-REU)	\$323,769	\$0	\$0
122	2023-10-08-23	University of Delaware	Deciphering Molecular Pathway for Treatment of Osteoarthritis	\$0	\$0	\$1,604

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123	2023-10-08-24	University of Delaware	Identifying Mechanisms and Pathways of a Parenting Interventions to Reduce Childhood Maltreatment Risk and Support Mental Health in Children Living in Extreme Poverty in Dhaka, Bangladesh	\$0	\$0	\$123,235
124	2023-10-08-25	University of Delaware	Ronald E. McNair Post-Baccalaureate Achievement	\$257,267	\$0	\$0
125	2023-10-08-26	University of Delaware	Dissecting the Role of Cardiac Hsp90 β in Heart Function	\$1,860,001	\$0	\$0
126	2023-10-08-27	University of Delaware	Delaware Clinical and Translational Research ACCEL Program	\$273,082	\$0	\$0
127	2023-10-08-28	University of Delaware	Emergency Preparedness, Home Repair Resource Fairs, Insurance Information for the City of Wilmington/New Castle County	\$10,838	\$0	\$0
128	2023-10-08-29	University of Delaware	Creating a Portable and Accessible Software Ecosystem for Applications of Interest to NCI-DOE	\$0	\$0	\$86,125
129	2023-10-08-30	University of Delaware	US Wind Buoy Decommission AUV Survey	\$0	\$0	\$67,798
130	2023-10-08-31	University of Delaware	Excellence in Research: Mapping of Natural Disasters by Deep Subspace Learning in Multi-band and Multi-spectral Satellite Images	\$0	\$0	\$265,162
131	2023-10-08-32	University of Delaware	Developing a Workplan for a Region 3 PHEPR Center and Establishing Regional Coordinating Body	\$0	\$0	\$9,375
132	2023-10-08-33	University of Delaware	BioFoundry: Center for Robust, Equitable and Accessible Technology and Education (CREATE) for Next Generation BioFoundries	\$18,368,788	\$0	\$0
133	2023-10-08-34	University of Delaware	Exploring the Roles of Elementary Teachers' Mathematics Emotions in their Uptake and Sustainment of Mathematics Professional Learning	\$1,240,696	\$0	\$0
134	2023-10-08-35	University of Delaware	Motivating Mathematics in the Middle Grades: Learning Through Rough Drafts and Revising	\$1,022,343	\$0	\$0
135	2023-10-08-36	University of Delaware	Collaborative Research: SCH: Human-in-the-Loop Architecture of Agile Robotic Prostheses for Real-World Mobility Over Dynamic Terrains	\$262,559	\$0	\$0
136	2023-10-08-37	University of Delaware	The John Dickinson Writings Project (JDP)	\$0	\$0	\$40,000
137	2023-10-08-38	University of Delaware	USDA Hatch Regular Keeler 24	\$1,193,260	\$0	\$0
138	2023-10-08-39	University of Delaware	The John Dickinson Writings Project (JDP)	\$0	\$0	\$40,000
139	2023-10-08-40	University of Delaware	Broadband Low Loss Passive Meta-Isolator On Chip	\$0	\$0	\$70,750
140	2023-10-08-41	University of Delaware	Collaborative Research:NSF-BSF:SaTC:CORE:Small:Physical Augmentation in Remote Side-Channel Attacks Based on Machine Learning	\$196,205	\$0	\$0
141	2023-10-08-42	University of Delaware	Advanced Undersea Composites	\$641,428	\$0	\$0
142	2023-10-08-43	University of Delaware	Improving Disease Comorbidity Prediction Using Biologically Supervised Embedding on Human Interactome	\$0	\$0	\$4,631
143	2023-10-08-44	University of Delaware	Bellevue/Samsha Planet Youth Coalition SPF-PFS Evaluation Team	\$0	\$0	\$25,446
144	2023-10-08-45	University of Delaware	PARTNERSHIP: Postharvest Processing of Leafy Vegetables by Novel Washing Systems and Plasma-Nanobubble Based Sanitizers, and Proceed for Routing the Project	\$674,014	\$0	\$0
145	2023-10-08-46	University of Delaware	Mechanical Integrity of High Voltage Battery Pack: Numerical Simulation and Testing	\$0	\$0	\$109,768
146	2023-10-08-47	University of Delaware	GOALI: Developing Atomic Layer Deposition Chemistry for Transition Metal Carbides	\$520,334	\$0	\$0
147	2023-10-08-48	University of Delaware	Mechanisms Via Which Traumatic Stress Leads to Opioid Abuse	\$2,030,617	\$0	\$0
148	2023-10-08-49	University of Delaware	Microrobot - Guided Microbial Surveillance in Poultry Production	\$210,016	\$0	\$0
149	2023-10-08-50	University of Delaware	Forests Among Managed Ecosystems: Monitoring, Remediation, and Restoration	\$61,000	\$0	\$0
150	2023-10-08-51	University of Delaware	ARC Centre of Excellence for Green Electrochemical Transformation of Carbon Dioxide (CE230100017) (GETCO2) (the Centre)	\$0	\$0	\$0
151	2023-10-08-52	University of Delaware	Soft, Smart Tools Using Additive Manufacturing	\$48,264	\$0	\$0

152	2023-10-08-53	University of Delaware	AD-Care: A Multimodal Cognitive Sensing and Virtual Simulation for Caregivers and Individuals with Alzheimer's Disease	\$0	\$0	\$250,000
153	2023-10-14-01	Delaware State University	Acquisition of Goods and Services FY24- Pennsylvania	\$61,600	\$0	\$0
154	2023-10-14-02	Delaware State University	Planning: aiNsect: A Digital Insect Brain	\$99,138	\$0	\$0
155	2023-10-14-03	Delaware State University	NRT-AI: AI-Training in the Delaware Valley for Understanding and Manipulating Biological Systems (AI-DeV-4-BIO)	\$1,349,985	\$0	\$0
156	2023-10-14-04	Delaware State University	Identifying Needs and Building Research Capacity at an Historically-Black University	\$1,050,946	\$0	\$0
157	2023-10-14-05	Delaware State University	Developing On-Chip Sensing Capabilities Using Mid-Infrared Photonic Integrated Circuits (PICs) at Delaware	\$542,975	\$0	\$0
158	2023-10-14-06	Delaware State University	Potyvirus Nib Protein Dual Function of Synthesizing Viral RNA and Protecting it from Degradation	\$750,000	\$0	\$0
159	2023-10-14-07	Delaware State University	Acquisition of an Ellipsometer for Research and Education Training of Students on Thin Film Characterization	\$236,000	\$0	\$0
160	2023-10-14-08	Delaware State University	Acquisition of an Isotope Analyzer and Conducting Research-Related Education for Workforce Development in Delaware	\$138,107	\$0	\$0
161	2023-10-14-09	Delaware State University	Collaborative NRT: Nanotechnology Enabled Applications and Workforce Development in Delaware	\$1,800,000	\$0	\$0
162	2023-10-14-10	Delaware State University	Mental Health Services- Project Grow	\$258,582	\$0	\$0
163	2023-10-14-11	Delaware State University	Strengthening the DNA Core Facility at Delaware State University	\$768,497	\$0	\$0

10/12/2023

**Delaware State Clearinghouse Committee
November Agenda**

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

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
New Business*									
1	6110	Department of Health and Social Services, Division of Services for Aging and Adults with Physical Disabilities	Adult Protective Services Formula Grants to States	\$106,818	\$0	\$0	0.00	0.00	0.00
2	2023-09-27-01	Department of Health and Social Services, Division of State Service Centers	Network of Practice	\$0	\$0	\$25,000	0.00	0.00	0.00
3	2023-08-30-01	Department of Services for Children, Youth and Their Families, Intervention/Treatment	Wendy's Wonderful Kids	\$0	\$0	\$502,500	0.00	0.00	0.00
4	6127	Department of Natural Resources and Environmental Control, Office of Environmental Control; Climate, Coastal, and Energy	Home Energy Rebates Efficiency - IRA	\$33,029,650	\$0	\$0	0.00	0.00	0.00
5	6128	Department of Natural Resources and Environmental Control, Office of Environmental Control; Climate, Coastal, and Energy	Home Energy Rebates Electrification - IRA	\$32,837,400	\$0	\$0	0.00	0.00	0.00
6	6129	Department of Natural Resources and Environmental Control, Office of Environmental Control, Climate, Coastal, and Energy	Energy Efficiency and Conservation Block - IJJA	\$1,615,060	\$0	\$0	0.00	0.00	0.00
7	6143	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Homeland Security Grant Program	\$4,847,500	\$0	\$0	3.75	0.00	0.00
8	6141	Department of Transportation, Project Teams	Railroad Crossing Elimination Grant	\$1,600,000	\$400,000	\$0	0.00	0.00	0.00
9	6137	Department of Labor, Employment and Training, Employment and Training Services	State Apprenticeship Expansion	\$337,102	\$0	\$0	0.20	0.00	0.00
Continued									
1	6131 now 6188	Executive, Criminal Justice, Criminal Justice Council	Sexual Assault Services Program	\$784,390	\$0	\$0	0.20	0.00	0.00
2	6132 now 6189	Executive, Criminal Justice, Criminal Justice Council	Services-Training-Officers-Prosecutors (STOP) Violence Against Women Act Formula Grant Program	\$1,016,500	\$154,741	\$63,710	2.33	0.82	0.00
3	6117	Legal, Department of Justice	Medicaid Fraud Control Unit	\$2,184,000	\$727,996	\$0	13.50	4.50	0.00
4	6142	Department of State, Human and Civil Rights	Fair Housing Assistance Program	\$269,006	\$0	\$0	1.00	0.00	0.00
5	5835	Department of Health and Social Services, Public Health, Community Health	First Responders - Comp Addiction & Recovery Act	\$800,000	\$0	\$0	1.25	0.00	0.00
6	6138	Department of Health and Social Services, Public Health, Community Health	Clinical Laboratory Improvement Amendments	\$62,637	\$55,062	\$0	0.48	0.52	0.00
7	6144	Department of Health and Social Services, Public Health, Community Health	Pediatric Mental Health Care Access Program	\$849,999	\$170,000	\$0	0.00	0.00	0.00
8	6145	Department of Health and Social Services, Public Health, Community Health	Public Health Crisis Response	\$5,000,000	\$0	\$0	0.00	0.00	0.00
9	6146	Department of Health and Social Services, Public Health, Community Health	Maternal and Child Health Services	\$2,073,458	\$12,675,836	\$0	13.25	44.60	0.00
10	6130	Department of Transportation, Planning	High Priority Innovative Tech Deployment Grant	\$1,319,798	\$0	\$0	0.00	0.00	0.00
11	6139	Department of Transportation, Planning	High Priority Commercial Motor Vehicle Grant	\$353,056	\$0	\$0	0.00	0.00	0.00
12	6133	Department of Labor, Employment and Training, Employment and Training Services	Disabled Veterans Outreach Program	\$601,288	\$0	\$0	6.00	0.00	0.00
13	6134	Department of Labor, Employment and Training, Employment and Training Services	Wagner-Peyser Act, Employment Services	\$2,041,275	\$0	\$0	19.90	0.00	0.00

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

Higher Education

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

**Delaware State Clearinghouse Committee
December Agenda**

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901
December 19, 2023 @ 10:00am

<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>
New Business*									
1	5889	Department of Health and Social Services, Division of Public Health, Community Health	Advancing Equity in Adolescent Health	\$1,141,160	\$0	\$0	0.00	0.00	0.00
2	6123	Department of Health and Social Services, Division of Services for Aging and Adults with Physical Disabilities	Delaware Hospital for Chronically Ill - New Construction	\$10,000,000	\$26,678,306	\$0	0.00	0.00	0.00
3	6168	Department of Health and Social Services, Division of Public Health, Community Health	Diabetes Self-Management Education and Support	\$50,000	\$0	\$0	0.00	0.00	0.00
4	6152	Department of Natural Resources and Environmental Control, Division of Climate, Coastal, and Energy	Solar For All	\$100,000,000	\$0	\$0	0.00	0.00	0.00
5	6159	Department of Natural Resources and Environmental Control, Division of Climate, Coastal and Energy	Delaware National Estuarine Research Reserve Capacity Building - IRA	\$400,000	\$0	\$0	0.00	0.00	0.00
6	6161	Department of Natural Resources and Environmental Control, Division of Climate, Coastal and Energy	Delaware Coastal Management Plan Capacity Building - IRA	\$341,000	\$0	\$0	0.00	0.00	0.00
7	2023-09-29-02	Department of Education, Workforce Support	Strengthening the Culture of Data Use in Postsecondary Career Technical Education	\$150,000	\$45,000	\$40,000	0.00	0.00	0.00
Continued									
1	6147	Executive, Criminal Justice, Criminal Justice Council	Childrens Justice Act Grant	\$89,862	\$0	\$0	0.00	0.00	0.00
2	6154	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act - Coverdell	\$312,708	\$0	\$0	0.10	0.00	0.00
3	6155	Executive, Criminal Justice, Criminal Justice Council	Edward Byrne Memorial Justice Assistance Grant	\$1,079,646	\$0	\$0	1.08	0.00	0.00
4	6156	Executive, Criminal Justice, Criminal Justice Council	Project Safe Neighborhoods	\$95,118	\$0	\$0	0.07	0.00	0.00
5	6119	Legal, Department of Justice	Internet Crimes Against Children	\$359,816	\$0	\$0	2.00	0.00	0.00
6	6153	Department of Health and Social Services, Public Health, Community Health	Lead-Based Paint Program - Combined	\$342,130	\$0	\$0	1.50	0.00	0.00
7	6163	Department of Health and Social Services, Public Health, Community Health	National Diabetes Prevention Program	\$125,000	\$0	\$0	0.20	0.00	0.00
8	6167	Department of Health and Social Services, Public Health, Community Health	Delaware Public Water System Supervision	\$615,000	\$428,053	\$0	7.50	5.90	0.00
9	6169	Department of Health and Social Services, State Service Centers	Commission Support Grant	\$295,000	\$454,956	\$0	2.75	5.10	0.00
10	6171	Department of Health and Social Services, State Service Centers	Training and Technical Assistance Commission Investment Fund	\$406,471	\$0	\$0	0.00	0.00	0.00
11	6157	Department of Natural Resources and Environmental Control, Watershed Stewardship	US Food and Drug Administration AFDO Travel Grant	\$11,093	\$0	\$0	0.00	0.00	0.00
12	6060 Amendment	Department of Natural Resources and Environmental Control, Division of Climate, Coastal and Energy	Grid Resiliency Formula Grant	\$1,452,343	\$217,852	\$0	0.00	0.00	0.00
13	6181	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Dislocated Worker	\$2,561,280	\$0	\$0	12.34	0.00	0.00
14	6182	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Adult	\$2,853,613	\$0	\$0	10.76	0.00	0.00
15	6160	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey	\$31,623	\$0	\$0	0.21	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>

16	6162	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey - Infrastructure	\$75,108	\$0	\$0	0.74	0.00	0.00
17	6164	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest - Fire Ant Survey	\$9,400	\$0	\$0	0.05	0.00	0.00
18	6193	Department of Elections, State Election Commissioner	Help America Vote Act Election Security Grant	\$1,000,000	\$200,000	\$0	0.00	0.00	0.00

Higher Education

1	2023-09-02-01	University of Delaware	Delmarva Region Advanced Composites Manufacturing Technology and Innovation Corridor (DRAMATIC)	\$289,018	\$0	\$0			
2	2023-09-02-02	University of Delaware	4-H ALA Mini Grant FY24	\$0	\$0	\$25,000			
3	2023-09-02-03	University of Delaware	Antimicrobial Resistance: One Health Approaches Focusing on Agriculture and Food in Japan	\$0	\$0	\$20,000			
4	2023-09-02-04	University of Delaware	CSR: Small: Predictable Multi-Tenant DNN Inference for Autonomous Driving	\$383,749	\$0	\$0			
5	2023-09-02-05	University of Delaware	Collaborative Research: (Dis)Engaging Young Voters: Information, Absentee Voting Laws, and the Erosion of Democratic Institutions	\$82,764	\$0	\$0			
6	2023-09-02-06	University of Delaware	EAGER: CET: Develop Zero-Standby Power Hydrogen Sensors for an Integrated Hydrogen Sensor System	\$198,091	\$0	\$0			
7	2023-09-02-07	University of Delaware	Optical Neural Motes to Enable High Density Recording Through Intact Dura in a Nonhuman Primate	\$0	\$0	\$26,045			
8	2023-09-02-08	University of Delaware	Elucidating Microenvironmental Factors that Drive Breast Cancer Dormancy and Reactivation and Evaluating a New Treatment to Eliminate Dormant Tumor Cells	\$749,999	\$0	\$0			
9	2023-09-02-09	University of Delaware	RSA Acquisition of Goods and Services	\$15,000	\$0	\$0			
10	2023-09-02-10	University of Delaware	Understanding the Intestinal Amino Acids Transport Adaptations and Enteric Neuroendocrine Contribution During Weaning Stress in Pig	\$210,011	\$0	\$0			
11	2023-09-02-11	University of Delaware	American Rescue Plan Funding for NAHLN Laboratories	\$0	\$0	\$1,722,545			
12	2023-09-02-12	University of Delaware	Collaborative Research: RUI: Obliquity vs Precession Effects in Antarctic Ice Margin Dynamics Inferred from Ice Rafted Debris in the Southern Indian Ocean at ODP Site 745	\$150,682	\$0	\$0			
13	2023-09-02-13	University of Delaware	The Role of Wind and Waves in Mixing the Upper Ocean	\$236,849	\$0	\$0			
14	2023-09-02-14	University of Delaware	Identifying Treatment Strategies to Prevent Breast Cancer Late Recurrence with Innovative Model Systems	\$450,000	\$0	\$0			
15	2023-09-02-15	University of Delaware	A Programmable Non-Equilibrium Electrified Ammonia Synthesis for Efficient Hydrogen Storage	\$0	\$0	\$500,941			
16	2023-09-02-16	University of Delaware	A High Performance Plastic from Chemically Recycled PET: Creating Carbon Neutral Polyphthalamides to Replace Traditional Nylons and Other Components	\$0	\$0	\$321,249			
17	2023-09-02-17	University of Delaware	Transactional Effects of Cognition and Psychopathology Across Adulthood	\$152,292	\$0	\$0			
18	2023-09-02-18	University of Delaware	Compressive Satellite LiDAR Imaging for High Resolution Sensing of Earth	\$393,253	\$0	\$0			
19	2023-09-02-19	University of Delaware	How Parents and Social Media Influence Adolescent Decision Making About Covid-19 and Influenza Vaccination	\$1,971,882	\$0	\$0			
20	2023-09-02-20	University of Delaware	Miscanthus X Giganteus Litter Management Practices to Enhance Broiler, Soil, and Plant Health and Reduced Ammonia Emissions	\$0	\$0	\$85,657			
21	2023-09-02-21	University of Delaware	RII Track-1: The Delaware Sustainability Science & Policy Hub (Sustainability Hub or Hub)	\$15,792,656	\$0	\$0			
22	2023-09-02-22	University of Delaware	Coastal Ocean Processes of North-East Greenland	\$576,180	\$0	\$0			
23	2023-09-02-23	University of Delaware	Collaborative Research: Marriage Market Effects of Strengthening Female Inheritance Rights in Pakistan	\$115,821	\$0	\$0			
24	2023-09-02-24	University of Delaware	Professional Learning to Support K-5 Teachers in Bookworms Curriculum Implementation	\$0	\$0	\$2,850			
25	2023-09-02-25	University of Delaware	The Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program	\$0	\$0	\$20,024			

26	2023-09-02-26	University of Delaware	The Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program	\$0	\$0	\$20,024
27	2023-09-02-27	University of Delaware	Identifying Microbial and Viral Predictors of Oyster Hatchery Die-Off Events and the Factors that Shape These Predictive Communities	\$0	\$0	\$10,839
28	2023-09-02-28	University of Delaware	Development of Innovative Technologies and Strategies to Mitigate Biological, Chemical, Physical, and Environmental Threats to Food Safety	\$0	\$0	\$79,167
29	2023-09-02-29	University of Delaware	Scaffolding and Transforming Opportunities for Reading with an Intelligent E-Book System (STORIES)	\$3,287,005	\$0	\$0
30	2023-09-02-30	University of Delaware	Enhancing Data Curation Through Explainable AI and Multimodal Learning	\$0	\$0	\$50,000
31	2023-09-02-31	University of Delaware	A Comparison of Prolonged Exposure Therapy, Pharmacotherapy, and Their Combination for PTSD: What Works Best and for Whom	\$0	\$0	\$95,870
32	2023-09-02-32	University of Delaware	NASA Delaware Space Grant College and Fellowship Program Year 5 Extension	\$761,714	\$50,000	\$0
33	2023-09-02-33	University of Delaware	Predicting Sleep, Smoking and Lung Health Disparities in At-Risk Black African American Adults	\$0	\$0	\$30,128
34	2023-09-02-34	University of Delaware	Risk Zones, Governance Agglutination, and Hyper (In)Visibility: Novel Theoretical and Empirical Approaches to Critical Materials and Conflict Mineral Supply Chains Originating in the Eastern Democratic Republic of the Congo	\$332,402	\$0	\$0
35	2023-09-02-35	University of Delaware	Collaborative Research: Linking Size Distribution, Solubility and Deposition Flux of Aerosol Trace Elements: A North Atlantic Time-Series Study	\$359,298	\$0	\$0
36	2023-09-02-36	University of Delaware	Bacterial Utilization of the Organosulfur Compound Dimethylsulfoniopropionate (DMSP) as an Abiotic Stress Protectant	\$417,723	\$0	\$0
37	2023-09-02-37	University of Delaware	Motor Neuron Dysfunction in IRF2BPL-Related Disorders	\$0	\$0	\$150,507
38	2023-09-02-38	University of Delaware	Transplacental Gene Therapy	\$0	\$0	\$133,776
39	2023-09-02-39	University of Delaware	Multi-Functional Environmental Protection Garment Shell Textile for Extreme Surface Environments (Phase II)	\$0	\$0	\$168,053
40	2023-09-02-40	University of Delaware	Preparing for Science with the Rubin Observatory: Groundwork to Explore the Galactic Population of Exoplanets	\$0	\$0	\$42,830
41	2023-09-02-41	University of Delaware	Collaborative Research: Safe and High-Performance Cobot Guardians with Human-in-the-Loop Intent Prediction	\$330,873	\$0	\$0
42	2023-09-02-42	University of Delaware	Real-Time SPECS: A Dashboard for Real-Time Access to Students Performance, Emotions, and Content Context	\$2,583,470	\$0	\$0
43	2023-09-02-43	University of Delaware	Partnerships for Climate-Smart Commodities: Building Markets and Investing in Americas Climate-Smart Farmers, Ranchers & Forest Owners to Strengthen U.S. Rural and Agricultural Communities	\$4,481,347	\$0	\$0
44	2023-09-02-44	University of Delaware	Optimizing Water Activity and Heating Temperature Ranges for Salmonella Inactivation While Preserving Raw Almond Quality	\$480,246	\$0	\$0
45	2023-09-02-45	University of Delaware	Bench-Scale Yield Optimization of Ricinoleic Acid from a Genetically-Engineered Strain of Oleaginous Yeast	\$0	\$0	\$156,251
46	2023-09-02-46	University of Delaware	Westernized Cohort of Osteo-Arthritis Management (WHAM) Study	\$0	\$0	\$185,186
47	2023-09-02-48	University of Delaware	EAGER: Collaborative Research: Will Offshore Wind Energy Development Create New Regional Niches for Marine Species?	\$120,003	\$0	\$0
48	2023-09-02-49	University of Delaware	Artificially Intelligent Manufacturing (AIM) Paradigm for Composites	\$0	\$0	\$2,668,097
49	2023-09-02-50	University of Delaware	University of Delaware Upward Bound Program	\$346,641	\$0	\$0
50	2023-09-02-51	University of Delaware	CIFAR Co-Director Humans & the Microbiome Program 2023-2024	\$0	\$0	\$52,076
51	2023-09-02-52	University of Delaware	Mobile Lab for Bridge Load Testing and Bridge Performance Testing-Feasibility and Conceptual Framework Study	\$144,147	\$0	\$0
52	2023-09-02-53	University of Delaware	Touch to Learn: How Sensory Cues Impact Word Segmentation and Learning	\$0	\$0	\$140,865
53	2023-09-02-54	University of Delaware	Collaborative Research: CITAP: Technology Translation Services to Democratize Advanced Cyberinfrastructure	\$515,338	\$0	\$0
54	2023-09-02-55	University of Delaware	Iterative Tailoring of Musculoskeletal Interventions for Improved Functional Recovery	\$1,500,000	\$0	\$0

55	2023-09-02-56	University of Delaware	Novel Multiplexed Assay for Sensitive and Specific Detection of MiRNA Cancer Biomarkers Using Solid-State Nanopores	\$0	\$0	\$65,275
56	2023-09-02-57	University of Delaware	Nature of Interplanetary Low Energy Electrons and Positrons	\$111,758	\$0	\$0
57	2023-09-02-58	University of Delaware	Determination of Activation of Aluminum Sulfate on Ammonia Control for Broiler Litter Under Winter Conditions	\$0	\$0	\$11,553
58	2023-09-02-59	University of Delaware	Chemours/DOE Community Benefits Plan Rising	\$0	\$0	\$220,050
59	2023-09-02-60	University of Delaware	NSF Convergence Accelerator Track I: ReSpool: Scaling a Circular Materials Model for Textiles from Fashion Waste	\$3,578,386	\$0	\$0
60	2023-09-02-61	University of Delaware	Soft Robotics- Actuation, Manipulation, Sensing, Perception, Controls, and Manufacturing	\$0	\$0	\$0
61	2023-09-02-62	University of Delaware	Hale: A Mobile-Connected Medical Vaporizer that Alleviates Nicotine Dependence	\$0	\$0	\$53,819
62	2023-09-02-63	University of Delaware	A Comparison of Prolonged Exposure Therapy, Pharmacotherapy, and Their Combination for PTSD: What Works Best and for Whom	\$0	\$0	\$103,970
63	2023-09-02-64	University of Delaware	Collaborative Research: Tectonic and Magmatic Drivers of Geological, Hydrothermal and Biogeochemical Processes on the Mid-Cayman Rise	\$0	\$0	\$56,168
64	2023-09-02-65	University of Delaware	Research Supplements to Promote Diversity in Health-Related Research	\$102,312	\$0	\$0
65	2023-09-02-66	University of Delaware	Intact Fiber: An Application Programming Interface for the Design, Simulation, and Optimization of Tow-steered Composites	\$0	\$0	\$212,500
66	2023-09-02-67	University of Delaware	CAREER: Holistic Framework for Constructing Dynamic Malicious Knowledge Bases in Social Networks	\$325,411	\$0	\$0
67	2023-09-02-68	University of Delaware	NIFA Developing Pre- and Post-Harvest Methods to Detect and Reduce Per- and Polyfluoroalkyl Substances in Edible Bivalves	\$244,078	\$0	\$0
68	2023-09-02-69	University of Delaware	Our Labor is not in Vain: Building a Transdisciplinary Network to Address the Black Maternal Health Crisis in the Academy	\$0	\$0	\$17,000
69	2023-09-02-70	University of Delaware	Enabling Multi-Disciplinary Pathways in Offshore Wind Education and Research (EMPOWER)	\$0	\$50,000	\$316,992
70	2023-09-02-71	University of Delaware	Augmenting Physics-Based Design and Multi-Physics Based Manufacturing with Data Driven Models to Manufacture Advanced Composites Structures with Automated Fiber Placement	\$0	\$0	\$50,880
71	2023-09-02-72	University of Delaware	Nemours Vickery Goyal 24	\$0	\$0	\$44,202
72	2023-09-02-73	University of Delaware	The Breakdown of Crop Residues Under Different Soybean Populations and Row Spacings	\$586,820	\$0	\$0
73	2023-09-02-74	University of Delaware	Small Business Administration Cooperative Agreement CY24	\$717,472	\$550,500	\$0
74	2023-09-02-75	University of Delaware	AQUAHEAL: Aquatic Additive Manufacturing of Resilient Self-Healing Concrete Infrastructure Enabled by Electrochemically Precipitated Calcite	\$0	\$0	\$101,010
75	2023-09-02-76	University of Delaware	DE Shellfish Aquaculture: K-12 Training to Support an Emerging Industry	\$0	\$0	\$105,964
76	2023-09-02-77	University of Delaware	Racial Disparities in Pain Care: A Comprehensive Integration of Patient-and Provider-Level Mechanisms with Dyadic Communication Processes Using a Mixed-Methods Research Design	\$0	\$0	\$272,399
77	2023-09-02-78	University of Delaware	Ion-Solvent-Polymer Interactions for Tough Highly Conductive Battery Separators Towards Solid State Electrolytes	\$0	\$0	\$233,969
78	2023-09-02-79	University of Delaware	Nemours Vickery Khalife 24	\$0	\$0	\$35,909
79	2023-09-02-80	University of Delaware	Mechanisms of Sexually Dimorphic Microglia Response to Neonatal Hypoxic Ischemia	\$0	\$0	\$27,552
80	2023-09-02-81	University of Delaware	Examining the Effects of Added Sugar Intake on Brain Endothelial Cells to Improve Brain Health Outcomes	\$0	\$0	\$147,292
81	2023-09-02-82	University of Delaware	Collaborative Research: NRT: Nanotechnology Enabled Applications and Workforce Developments in Delaware	\$0	\$0	\$963,545
82	2023-09-02-83	University of Delaware	Comprehensive District Improvement Initiative for the Kennett Consolidated School District	\$0	\$0	\$88,631
83	2023-09-02-84	University of Delaware	Collaborative Edge Intelligence for Next-Generation IoT Solutions	\$0	\$0	\$65,414
84	2023-09-02-85	University of Delaware	Independent and Interacting Roles of Multiple Learning Processes During Sensorimotor Behaviour	\$0	\$0	\$251,310

85	2023-09-02-86	University of Delaware	RII Track-4:NSF: Enhanced Multiscale Approaches for Simulations of Multicomponent Fluids with Complex Interfaces Using Fluctuating Hydrodynamics	\$64,581	\$0	\$0
86	2023-09-02-87	University of Delaware	A High-Dimensional Optical Barcode Library for Lineage Tracing	\$0	\$0	\$225,000
87	2023-09-02-88	University of Delaware	For a In Vivo Trial in Which Company is Providing the Vaccine and the University will Conduct an Efficacy Trial with Highly Pathogenic Avian Influenza	\$0	\$0	\$20,227
88	2023-09-02-89	University of Delaware	The Role of Selenoprotein S in Stress Response and Its Connection to Cardiovascular Health	\$0	\$0	\$67,388
89	2023-09-02-90	University of Delaware	Understanding the Contributions of Proprioceptive Impairment on Arm Capacity and Real-World Performance After Stroke	\$0	\$0	\$67,388
90	2023-09-02-91	University of Delaware	Sex Differences in the Relationship Between Intestinal Permeability and Endothelial Function in Younger and Older Adults	\$0	\$0	\$67,388
91	2023-09-02-92	University of Delaware	Enhancing the Capacity of Food Processing and Nutrition Through Integrated Research & Education on Prebiotic-Fortified Meat Analogs	\$0	\$0	\$184,492
92	2023-09-02-93	University of Delaware	RII Track-2 FEC: Precise Regional Forecasting Via Intelligent and Rapid Harnessing of National Scale Hydrometeorological Big Data	\$0	\$0	\$164,576
93	2023-09-02-94	University of Delaware	Medicated Resorbable Stent Aimed to Mitigate Progression of Peripheral Artery Disease Below-the-Knee	\$0	\$0	\$24,245
94	2023-09-02-95	University of Delaware	Speech and Communicative Timing Across Languages and Linguistic Contexts	\$0	\$0	\$391
95	2023-09-02-96	University of Delaware	Neural Mechanisms of Alzheimer's Disease Risk and Onset from Modifiable Lifestyle Factors	\$0	\$0	\$500,000
96	2023-09-02-97	University of Delaware	Characterization of Hydrogel-Induced Dormant States in Breast Cancer	\$912,038	\$0	\$0
97	2023-09-02-98	University of Delaware	ImmuneChip: A Human Lymph Node-on-a-Chip Model for Accurate Immune Response Studies and Faster Clinical Translation	\$4,240,219	\$0	\$0
98	2023-09-02-99	University of Delaware	Developing Novel Stable Isotope Techniques for Assessing Sources, Transport, and Fate of PFAS in the Subsurface Environment	\$188,178	\$0	\$0
99	2023-09-03-01	University of Delaware	Solicitation/Contract/Order for Commercial Items	\$6,808	\$0	\$0
100	2023-09-03-02	University of Delaware	Verifying PETSc's Vector Module with CIVL	\$0	\$0	\$74,785
101	2023-09-03-03	University of Delaware	Demonstration of Vehicle-to-Grid (V2G) Power and Value of V2G Grid Services Supplement	\$0	\$0	\$158,049
102	2023-09-03-04	University of Delaware	Consortium on Aphasia Intervention Development and Implementation	\$0	\$0	\$733,764
103	2023-09-03-05	University of Delaware	NSF-DFG Mission: Bridging the Materials Gap in Atomic Layer Deposition: Connecting Realistic Surface Models with Practical Applications	\$257,037	\$0	\$0
104	2023-09-03-06	University of Delaware	NIIMBL Global Health Gant (NGS and RNA FTO Reagents)	\$0	\$0	\$3,636,363
105	2023-09-03-07	University of Delaware	Symptom Monitoring and Self-Management of Bowel and Urinary Dysfunction in People with SCI	\$568,885	\$0	\$0
106	2023-09-03-08	University of Delaware	Symptom Monitoring and Self-Management for Loneliness and Social Isolation in Veterans with SCI	\$557,711	\$0	\$0
107	2023-09-03-09	University of Delaware	Valorizing Industrial Food Waste to Antioxidants and Antimicrobials	\$699,964	\$0	\$0
108	2023-09-03-10	University of Delaware	CooperVision 02	\$0	\$0	\$7,308
109	2023-09-03-11	University of Delaware	Gene Delivery for Moququo A	\$0	\$0	\$109,234
110	2023-09-03-12	University of Delaware	Scaling-Up Precision Sustainable Integrated Weed Management Solutions to US Field Crop Producers	\$0	\$0	\$167,999
111	2023-09-03-13	University of Delaware	Discovery and Characterization of New 5 Glyco Capped MRNAs and Reader Proteins that Link Cellular Metabolism to RNA Function	\$0	\$0	\$280,141
112	2023-09-03-14	University of Delaware	Nemours Vickery Collins 24	\$0	\$0	\$8,961
113	2023-09-03-15	University of Delaware	Nemours Vickery Dean 24	\$0	\$0	\$8,961

114	2023-09-03-16	University of Delaware	Liquid Touch: Creating a Soft Haptic Exoskeleton	\$0	\$0	\$65,275
115	2023-09-03-17	University of Delaware	Ammonia Stop Litter Amendment: Laboratory Experimental Evaluation Study	\$0	\$0	\$3,468
116	2023-09-03-18	University of Delaware	Flowsheet Model Development for Isolate Plasma Components	\$0	\$0	\$77,776
117	2023-09-03-19	University of Delaware	Math Coaching & PL	\$0	\$0	\$75,217
118	2023-09-03-20	University of Delaware	Scholarships and Innovative Outdoor Spaces	\$0	\$0	\$36,127
119	2023-09-03-21	University of Delaware	Integrating bpMRI Images and Clinical Text Reports for Robust and Explainable Prostate Cancer Detection and Diagnosis	\$0	\$0	\$193,734
120	2023-09-03-22	University of Delaware	Plasmodesmal Targeting: Rules and Machinery	\$911,092	\$0	\$0
121	2023-09-03-23	University of Delaware	Agricultural Biosecurity: Collaborative Poultry, Waterfowl Science & Management to ID Risk Factors & Mitigate HPAI in Commercial Poultry	\$0	\$0	\$210,305
122	2023-09-03-24	University of Delaware	NSF FAU Advance External Evaluation	\$0	\$0	\$37,482
123	2023-09-03-25	University of Delaware	Comparative Transcriptomic and Metabolomic Analyses of Reproductive Efficiency in Layer Hens and Broiler Breeders	\$210,000	\$0	\$0
124	2023-09-03-26	University of Delaware	Production of Adeno-Associated Virus in a Plant-Based System for the Treatment of Myotonic Dystrophy	\$116,841	\$0	\$0
125	2023-12-02-01	University of Delaware	Delmarva Region Advanced Composites Manufacturing Technology and Innovation Corridor (DRAMATIC)	\$325,144	\$0	\$0
126	2023-12-02-02	University of Delaware	Research Practice Partnership for Professional Learning in Early Mathematics	\$78,602	\$0	\$0
127	2023-12-02-03	University of Delaware	Students as Citizen Scientists	\$357,268	\$0	\$0
128	2023-12-02-04	University of Delaware	HHS DATI FY2024 Delaware Assistive Technology Initiative	\$427,505	\$0	\$0
129	2023-12-02-05	University of Delaware	Pathways to Success, Inc PADE 23/24 Partner Organization	\$0	\$0	\$18,500
130	2023-12-02-06	University of Delaware	YWCA PADE 23/24 Partner Organization	\$0	\$0	\$20,500
131	2023-12-02-07	University of Delaware	Literacy Coaching & Support to Milford Middle & High School Teachers	\$0	\$0	\$20,664
132	2023-12-02-08	University of Delaware	Housing Alliance Delaware Inc PADE 23/24 Partner Organization	\$0	\$0	\$20,500
133	2023-12-02-09	University of Delaware	Delaware Theatre Company PADE 23/24 Partner Organization	\$0	\$0	\$24,000
134	2023-12-02-10	University of Delaware	Jefferson Street Center 1 PADE 23/24 Partner Organization	\$0	\$0	\$16,500
135	2023-12-02-11	University of Delaware	Jefferson Street Center 2 PADE 23/24 Partner Organization	\$0	\$0	\$14,000
136	2023-12-02-12	University of Delaware	Community Collaboration of Delaware PADE 23/24 Partner Organization	\$0	\$0	\$19,500
137	2023-12-02-13	University of Delaware	Pathways to Equality: Identifying Partisan Overlap in Preferences for Equality-Promoting Basic Structure and Public Policies	\$0	\$0	\$200,000
138	2023-12-02-14	University of Delaware	Translational Tools to Predict Early Senescence/Neurodegeneration in Humans	\$0	\$0	\$1,225,832
139	2023-12-02-15	University of Delaware	DISES: Using Knowledge Co-Production and System of Systems Approaches to Understand the Role of Sound and Cultural Practices in Integrated Pastoralist-Grassland Systems in Mongolia	\$0	\$0	\$120,342
140	2023-12-02-16	University of Delaware	A Multimodal Instrument for Multiscale Imaging and Micromechanical Analyses of Large Biological Samples	\$0	\$0	\$15,880
141	2023-12-02-17	University of Delaware	To Produce an Electrochemically-Driven CO2 Capture Device Using Nickel Hydroxide Batteries and a Flow-Through Membrane	\$0	\$0	\$138,889
142	2023-12-02-18	University of Delaware	Extrusion Process Modeling for GM Battery Production	\$0	\$0	\$67,632
143	2023-12-02-19	University of Delaware	Jewish Family Services PADE 23/24 Partner Organization	\$0	\$0	\$28,000

144	2023-12-02-20	University of Delaware	Bellevue Community Center PADE 23/24 Partner Organization	\$0	\$0	\$18,500
145	2023-12-02-21	University of Delaware	Education Practice to Transgress Boundaries and Build Solidarity: A Life History Investigation of Korean Migrant Civic Leaders in the U.S.	\$0	\$0	\$9,001
146	2023-12-02-22	University of Delaware	Pensacola Maritime and Aerial Heritage Site Investigations	\$0	\$0	\$77,681
147	2023-12-02-23	University of Delaware	Delaware Black Chamber of Commerce PADE 23/24 Partner Organization	\$0	\$0	\$21,500
148	2023-12-02-24	University of Delaware	Green Building United PADE 23/24 Partner Organization	\$0	\$0	\$21,500
149	2023-12-02-25	University of Delaware	Black Mothers In Power PADE 23/24 Partner Organization	\$0	\$0	\$15,500
150	2023-12-02-26	University of Delaware	Native Roots Foundation PADE 23/24 Partner Organization	\$0	\$0	\$15,500
151	2023-12-02-27	University of Delaware	Delaware State University 1 PADE 23/24 Partner Organization	\$0	\$0	\$25,000
152	2023-12-02-28	University of Delaware	Delaware State University 2 PADE 23/24 Partner Organization	\$0	\$0	\$18,500
153	2023-12-02-29	University of Delaware	Development of the Science Learning Lab at the University of Delaware: A Model Center for Supporting Pre-Service and Practicing Elementary Science Teacher Effectiveness	\$3,141,040	\$0	\$0
154	2023-12-02-30	University of Delaware	Divergence-Free Tetrahedral Finite Elements	\$116,608	\$0	\$0
155	2023-12-02-31	University of Delaware	JPMC Spectrum Scholars FY29 Supplemental Funding	\$0	\$0	\$363,636
156	2023-12-02-32	University of Delaware	University Of Delaware Prison Research & Innovation Network	\$0	\$0	\$86,957
157	2023-12-02-33	University of Delaware	Advancing Biomedical Imaging: Innovative Sparse Methods Delivering Super-Resolution	\$0	\$0	\$16,144
158	2023-12-02-34	University of Delaware	Real-Time SPECS: A Dashboard for Real-Time Access to Students Performance, Emotions, and Content Context	\$2,579,097	\$0	\$0
159	2023-12-02-35	University of Delaware	Cross-Border Targeted Radio in San Diego and Tijuana	\$0	\$0	\$45,827
160	2023-12-02-36	University of Delaware	STEM of Sustainability	\$72,254	\$0	\$0
161	2023-12-02-37	University of Delaware	Unlocking the Deep Ocean Circulation Mysteries of the Subantarctic South Pacific Ocean and its Influence on Climate Over the Last 2 Million Years	\$373,369	\$0	\$0
162	2023-12-02-38	University of Delaware	Collaborative Research: NSF-GACR: Spectroscopic Characterization of OBA Stars with Presumably Rotationally-Modulated Light Curves	\$65,755	\$0	\$0
163	2023-12-02-39	University of Delaware	Time-Domain Dispersive Systems Arising from Complex Materials - Analysis and Numerical Strategies	\$200,123	\$0	\$0
164	2023-12-02-40	University of Delaware	DELAWARE 4-H Military Partnership Grant	\$0	\$0	\$9,836
165	2023-12-02-41	University of Delaware	DISES: Andean Networks Integration to Co-Produce Socioecological Resilience (AyNI)	\$0	\$0	\$39,736
166	2023-12-02-42	University of Delaware	Forests Among Managed Ecosystems: Monitoring, Remediation, and Restoration	\$7,500	\$0	\$0
167	2023-12-02-43	University of Delaware	Collaborative Research: Research Initiation: Strategies to Coach Near-Peer Mentors to Support First-Year Engineering Students Experiencing Team Conflicts	\$95,999	\$0	\$0
168	2023-12-02-44	University of Delaware	Ultrafast Visual-Inertial 3D Perception for Micro Aerial Vehicles	\$288,651	\$0	\$0
169	2023-12-02-45	University of Delaware	Impact of Vitamin B12 on the Etiology of Alzheimer's Disease	\$2,172,686	\$0	\$0
170	2023-12-02-46	University of Delaware	DSFAS PARTNERSHIP: Leveraging Automation and AI to Predict Critical Periods for Managing Insect Pests	\$632,242	\$0	\$0
171	2023-12-02-47	University of Delaware	Effective Viscosity and Resistivity in Plasmas from Collisional to Collision-Less Regimes	\$311,488	\$0	\$0
172	2023-12-02-48	University of Delaware	Evaluation of Fungicide Efficacy and Timing in Sorghum	\$0	\$0	\$10,124

173	2023-12-02-49	University of Delaware	Threatened Resource Documentation, and Resource Digitization FY 2022	\$0	\$0	\$11,151
174	2023-12-02-50	University of Delaware	Threatened Resource Documentation, and Resource Digitization FY 2023	\$0	\$0	\$12,565
175	2023-12-02-51	University of Delaware	Translational Tools to Predict Early Senescence/Neurodegeneration in Humans	\$0	\$0	\$1,891,864
176	2023-12-02-52	University of Delaware	Design, Fabrication, and Durability Assessment of a Sustainable Composite Refrigerated Trailer Integrated with Photovoltaic	\$0	\$0	\$509,185
177	2023-12-02-53	University of Delaware	Mobile Lab for Bridge Load Testing and Bridge Performance Testing-Feasibility and Conceptual Framework Study	\$176,508	\$0	\$0
178	2023-12-02-54	University of Delaware	CSR: Small: Developing a Trustworthy Toolbox to Optimize Machine Learning for Sciences	\$392,132	\$0	\$0
179	2023-12-02-55	University of Delaware	Manufacturing Demonstration of a Large-scale, Multi-Material Passenger Vehicle Sub-System	\$0	\$0	\$2,737,947
180	2023-12-02-56	University of Delaware	One-Size-Does-NOT-Fit-All: Precise Exercise Prescription to Improve Walking in People with Chronic Stroke	\$104,199	\$0	\$0
181	2023-12-02-57	University of Delaware	Development of an Efficient 18F Labeling Technology Based on Tetrazine Trans-Cyclooctene Ligation	\$0	\$0	\$595,970
182	2023-12-02-58	University of Delaware	Electrification of Chemical Manufacturing Through Data-Driven Design	\$0	\$0	\$125,000
183	2023-12-02-59	University of Delaware	Hydrogel-Based Therapeutic Delivery of Stem Cell-Derived Extracellular Vehicles for the Treatment of Vocal Fold Scarring	\$3,118,597	\$0	\$0
184	2023-12-02-60	University of Delaware	Collaborative Research:NSF-BSF:SaTC:CORE:Small: Physical Augmentation in Remote Side-channel Attacks Based on Machine Learning	\$196,205	\$0	\$0
185	2023-12-02-61	University of Delaware	Transforming Access to Quality STEM Education for Black and Latinx Students by Challenging Resegregation in Special Education: A QuantCrit Analysis	\$0	\$0	\$425,675
186	2023-12-02-62	University of Delaware	Quantifying Economic Return on Strip Cropped Corn/Soybean (Solar Corridor)	\$0	\$0	\$6,975
187	2023-12-02-63	University of Delaware	Evaluating Yield Response of In-Furrow Biologicals Under Multiple Nitrogen Rates	\$0	\$0	\$9,270
188	2023-12-02-64	University of Delaware	NQVL: QSTD: Pilot: Accelerating Complex Systems Research by Broadening Access to Full Stack NISQ Cold Ion Infrastructure	\$0	\$0	\$37,500
189	2023-12-02-65	University of Delaware	Threatened Resource Documentation, and Resource Digitization FY 2022	\$0	\$0	\$3,788
190	2023-12-02-66	University of Delaware	Threatened Resource Documentation, and Resource Digitization FY 2023	\$0	\$0	\$4,141
191	2023-12-02-67	University of Delaware	Pre-Service and In-Service Science Teachers Cross-Cultural Collaboration: Globalizing Teacher-Learning of Culturally Responsive Science Teaching	\$0	\$0	\$312,627
192	2023-12-02-68	University of Delaware	NOAA Transformational Habitat Restoration and Coastal Resilience	\$0	\$0	\$363,033
193	2023-12-02-69	University of Delaware	Support for 2024 OSM-NOLA Communications Workshops	\$28,914	\$0	\$0
194	2023-12-02-70	University of Delaware	Sourcing in the Era of Fashion Circularity: Explore the Supply Chains and Emerging Emerging Sourcing Destinations of Clothing Made from Recycled Cotton	\$0	\$0	\$30,674
195	2023-12-02-71	University of Delaware	Peptidoglycan Fragment Library to Investigate Innate Immune Responses	\$3,536,205	\$0	\$0
196	2023-12-02-72	University of Delaware	BRIDGE and EFNEP Curriculum Specialist	\$0	\$0	\$23,012
197	2023-12-02-73	University of Delaware	Affirming and Protecting Minoritized Students: The Impact of State Education Policy on Mental Health	\$0	\$0	\$229,641
198	2023-12-02-74	University of Delaware	Evaluation of the Delaware Plan to Reduce Unintended Pregnancy	\$0	\$0	\$41,489
199	2023-12-02-75	University of Delaware	Exploring the Emotional Foundations of Right-Wing Populism: The Role of Global Citizenship Transformations and Dominant Identity Group Reactions	\$0	\$0	\$12,000
200	2023-12-02-76	University of Delaware	UDare Cyber Scholarships For Service (SFS) Program	\$3,202,045	\$0	\$0
201	2023-12-02-77	University of Delaware	Public Allies FY24/25 National Support	\$0	\$0	\$621,308

202	2023-12-02-78	University of Delaware	The Role of BIGH3 in Bone Metastasis Progression	\$0	\$0	\$200,000
203	2023-12-02-79	University of Delaware	NQVL:QSTD:Pilot: Quantum Sensing and Imaging Lab (Q-SAIL)	\$0	\$0	\$41,728
204	2023-12-02-80	University of Delaware	Mapping the Artistry of Fifteenth Century Italian Tarocchi Cards: Materials, Working Methods, and Artistic Connections	\$95,581	\$0	\$0
205	2023-12-02-81	University of Delaware	Collaborative Research: Intelligent Computational Modeling of Next-Generation Solar Cells	\$349,816	\$0	\$0
206	2023-12-02-82	University of Delaware	Cross-Border Targeted Radio in San Diego and Tijuana	\$0	\$0	\$55,973
207	2023-12-02-83	University of Delaware	Understanding the Contributions of Proprioceptive Impairment on Arm Capacity and Real-World Performance After Stroke	\$104,256	\$0	\$0
208	2023-12-02-84	University of Delaware	Obesity and Walking Stability Control in Older Adults	\$104,256	\$0	\$0
209	2023-12-02-85	University of Delaware	Elementary Teachers Learning to Leverage Students' Out-of-School Mathematical Context	\$0	\$0	\$50,000
210	2023-12-02-86	University of Delaware	TacticalCalm VR Training: An AI-Augmented Virtual Reality De-Escalation Training Platform for Law Enforcement and Community Partnerships	\$0	\$0	\$411,591
211	2023-12-02-87	University of Delaware	A Bilingual Digital Critical Anthology	\$113,952	\$0	\$0
212	2023-12-02-88	University of Delaware	Collaborative Research: Multiscale Modeling of Reactive Transport and Mechanical Instabilities in Anode Materials for Si-Based Lithium-Ion Batteries	\$356,749	\$0	\$0
213	2023-12-02-89	University of Delaware	University of Delaware R/V Hugh R. Sharp NSF Organization Unit OCE - Oceanographic Instrumentation	\$31,577	\$0	\$0
214	2023-12-02-90	University of Delaware	Delaware 4-H Military Partnership Grant	\$0	\$0	\$9,836
215	2023-12-02-91	University of Delaware	Structural and Mechanistic Exploration of Wnt Ligand Maturation	\$130,266	\$0	\$0
216	2023-12-02-92	University of Delaware	The Psychosocial Predictors of Health Behaviors and Outcomes in Patients with HPV Positive Head and Neck Cancer	\$101,528	\$0	\$0
217	2023-12-02-93	University of Delaware	Wood Duck Nesting and Brood Ecology in the Delmarva Peninsula	\$0	\$0	\$15,000
218	2023-12-02-94	University of Delaware	Mixed Plastics Destruction	\$0	\$0	\$99,885
219	2023-12-02-95	University of Delaware	Understanding the Microenvironment of Empty and Full AAV Capsids for Application to Separation	\$0	\$0	\$76,540
220	2023-12-02-96	University of Delaware	Balancing Transportation Resilience and Health Equity in Transportation Infrastructure Investment	\$0	\$0	\$99,301
221	2023-12-02-97	University of Delaware	Soil pH and Planting Timing Effects on Yield	\$0	\$0	\$6,361
222	2023-12-02-98	University of Delaware	Solar Partnership to Advance Recycling and Circularity (Solar Parc)	\$0	\$0	\$125,000
223	2023-12-02-99	University of Delaware	NHERI Computational Modeling and Simulation Center (SimCenter)	\$0	\$0	\$19,049
224	2023-12-03-01	University of Delaware	Nuvve Research Year 8 Funding	\$0	\$0	\$301,676
225	2023-12-03-02	University of Delaware	NQVL:QSTD:Pilot: Quantum Systems for Enhanced Sensors and Diagnostics (Q-SENSED)	\$0	\$0	\$50,626
226	2023-12-03-03	University of Delaware	UniProt Partnerships with Common Fund Data Ecosystem Resources for Protein-Centric Functional Genomics	\$1,723,127	\$0	\$0
227	2023-12-03-04	University of Delaware	Role of the Prefrontal-Thalamo-Hippocampal Circuit in the Facilitation of Spatial Working Memory in Rats	\$1,250,000	\$0	\$0
228	2023-12-03-05	University of Delaware	Effect of Maternal Immune Activation on Translocation of Bacterial Cell Wall Fragments from Gut to Brain Throughout Development	\$275,000	\$0	\$0
229	2023-12-03-06	University of Delaware	Understanding the Role of Histone Modifications in Chromosome Structure During Meiosis	\$207,264	\$0	\$0
230	2023-12-03-07	University of Delaware	Cultivating PFAS Solutions: Exploring Inputs, Irrigation Management, and Residue Management in Conventional Row Crops and on Lenape Tribal Lands	\$1,056,020	\$0	\$0
231	2023-12-03-08	University of Delaware	Landslide Risk Mapping for a Resilient Railway Infrastructure	\$0	\$0	\$64,578

232	2023-12-03-09	University of Delaware	Soybean Row Spacing and Planting Rate Effects on Litter Decomposition (Year 3)	\$0	\$0	\$8,108
233	2023-12-03-10	University of Delaware	Best Planting Management for Double-Crop Soybeans in Delaware	\$0	\$0	\$7,268
234	2023-12-03-11	University of Delaware	Effects of Added Sugars on Brain Endothelial Cells	\$145,564	\$0	\$0
235	2023-12-03-12	University of Delaware	Visual-Inertial Motion Tracking and Depth Estimation for Project Aria	\$0	\$0	\$100,000
236	2023-12-03-13	University of Delaware	Experimental Investigation and Multiphysics Modeling of Battery Aging	\$0	\$0	\$25,000
237	2023-12-03-14	University of Delaware	Collaborative Research: FRGMS: Deciphering Neural Networks as Sufficient and Scalable Graph Learning	\$311,534	\$0	\$0
238	2023-12-03-15	University of Delaware	Simple Tools for Better Family Sleep: A Community-Engaged Sleep Intervention	\$0	\$0	\$500,000
239	2023-12-03-16	University of Delaware	Central Networks, Peripheral Factors, and Individual Vulnerability to Postpartum Mood Disorder	\$1,942,749	\$0	\$0
240	2023-12-03-17	University of Delaware	Pesticide Safety and Education Program	\$0	\$0	\$14,564
241	2023-12-03-18	University of Delaware	The Role of Knee Extensor Tendons in Knee Osteoarthritis	\$1,702,334	\$0	\$0
242	2023-12-03-19	University of Delaware	High-Resolution Magnetic Resonance Elastography for In Vivo Analysis of Skull-Brain Dynamics in Traumatic Brain Injury	\$159,459	\$0	\$0
243	2023-12-03-20	University of Delaware	Development of a Diverse and Competent Food Safety Compliance Workforce to Enhance Trust in a Secure Food System	\$0	\$0	\$52,651
244	2023-12-03-21	University of Delaware	Identifying Actionable and Equity-Minded Secondary Mathematics Teaching Practices Through Lesson Study of Rough Draft Math	\$0	\$0	\$50,000
245	2023-12-03-22	University of Delaware	Verifying PETS's Vector Module With CIVL	\$0	\$0	\$76,150
246	2023-12-03-23	University of Delaware	Collaborative Research: FRGMS: Foundational Theory of Magnitude and Diversity	\$516,481	\$0	\$0
247	2023-12-03-24	University of Delaware	Transforming Access to Quality STEM Education for Black and Latinx Students by Challenging Resegregation in Special Education: A QuantCrit Analysis	\$0	\$0	\$738,080
248	2023-12-03-25	University of Delaware	A Distributed Sensor Network to Estimate Potential Vorticity Fluxes at the Ocean's Bottom Boundary	\$0	\$0	\$1,554,007
249	2023-12-03-26	University of Delaware	SCI&U Peer Health Coaching Program for Individuals Newly Discharged from Inpatient Rehabilitation	\$0	\$0	\$86,284
250	2023-12-03-27	University of Delaware	Investigate PFAS Bioaccumulation in the US Seafoods	\$0	\$0	\$158,427
251	2023-12-03-28	University of Delaware	New Sensing Capability for Quantifying Coastal Suspended Sediment Concentration	\$653,689	\$0	\$0
252	2023-12-03-29	University of Delaware	Centering Faculty and Instruction in Advancing Equitable College Success	\$0	\$0	\$49,574
253	2023-12-03-30	University of Delaware	Megawatt Charging System Standard Development Support	\$0	\$0	\$94,966
254	2023-02-11-05 Amendment	Delaware State University	The 1890s Center for Farming/Food Systems, Rural Prosperity, and Economic Sustainability: Workforce Development in Meat and Poultry Processing	\$300,000	\$0	\$0
255	2023-12-09-01	Delaware State University	Coalition for Translational Entrepreneurship	\$63,037	\$0	\$0
256	2023-12-09-02	Delaware State University	Child and Adult Care Food Program (CACFP) FY23	\$37,678	\$0	\$0
257	2023-12-09-03	Delaware State University	Delaware Center of Musculoskeletal Research - Wang	\$257,581	\$0	\$0
258	2023-12-09-04	Delaware State University	DSU Evans-Allen	\$1,681,503	\$0	\$0
259	2023-12-09-05	Delaware State University	FY2023 RREA Project (Renewable Resources Extension Act)	\$13,500	\$0	\$0
260	2023-12-09-06	Delaware State University	HBCU-UP Targeted Infusion Project: Workforce Development Initiatives for Biology Undergraduates to Promote Engagement, Success, and Career Preparedness at Delaware State University	\$397,347	\$0	\$0
261	2023-12-09-07	Delaware State University	Expanded Food and Nutrition Education Program (EFNEP) FY24	\$105,052	\$0	\$0