

**Delaware State Clearinghouse Committee**  
**January Agenda**  
**Meeting to be Held via WebEx**  
**WebEx Meeting Information/Instructions Attached**  
**January 19, 2021 @ 2:00pm**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">4751</a>	Executive, Criminal Justice, Criminal Justice Council	Body-Worn Camera Implementation Grant	\$630,000	\$0	\$630,000	0.00	0.00	0.00
2	<a href="#">4753</a>	Executive, Criminal Justice, Criminal Justice Council	Adult Drug Court	\$652,310	\$217,737	\$0	0.20	0.66	0.00
3	<a href="#">4761</a>	Department of Health and Social Services, Stockley Center	Provider Relief Fund Medicaid Distribution - CARES Act COVID-19	\$185,000	\$0	\$0	0.00	0.00	0.00
4	<a href="#">4718</a>	Department of Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Emergency Management Performance Grant COVID-19 Supplement	\$926,082	\$781,832	\$144,250	0.00	0.00	0.00
5	<a href="#">4773</a>	Department of Labor, Office of the Secretary	Employment & Training New Castle County CRF - CARES Act COVID-19	\$1,100,000	\$0	\$0	0.00	0.00	0.00
<b>Pandemic Relief - Coronavirus Response and Relief Supplemental Appropriations Act, 2021 (CRRSA) H.R.133</b>				<b>Estimated Allocation *</b>					
1	TBD	Department of Labor, Unemployment Insurance	Unemployment Insurance - Pandemic Unemployment Assistance and Mixed Earner Unemployment Compensation	\$155,019,944	\$0	\$0	0.00	0.00	0.00
2	TBD	Office of the Governor via the Office of Management and Budget	Governor's Emergency Education Relief Fund - GEER *Amount revised 1/14	<b>\$8,424,386</b>	\$0	\$0	0.00	0.00	0.00
3	<a href="#">4777</a>	Department of Education, Student Support	Elementary and Secondary School Emergency Relief Fund - ESSER	\$182,855,104	\$0	\$0	0.00	0.00	0.00
4	TBD	Delaware State Housing Authority	Emergency Rental Assistance Program	\$200,000,000	\$0	\$0	0.00	0.00	0.00
5	TBD	Department of Health and Social Services, Public Health, Community Health	Vaccine Distribution and Administration (CDC Vaccination and Immunization)	\$36,251,241	\$0	\$0	0.00	0.00	0.00
6	TBD	Department of Health and Social Services, Public Health, Community Health	Testing and Contact Tracing (CDC Epidemiology & Laboratory Capacity)	\$184,326,899	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">4750 Amendment</a>	Executive, Office of Management and Budget	New Castle County Coronavirus Relief Fund - CARES Act, Title V	\$5,000,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">4735</a>	Executive, Criminal Justice, Criminal Justice Council	John R. Justice Grant	\$32,047	\$0	\$0	0.03	0.00	0.00
3	<a href="#">4745</a>	Executive, Criminal Justice, Criminal Justice Council	Project Safe Neighborhoods	\$93,685	\$0	\$0	0.07	0.00	0.00
4	<a href="#">3885 Amendment</a>	Executive, Criminal Justice, Criminal Justice Council	Re-entry and Employment Strategic Planning	\$500,000	\$0	\$0	0.40	0.00	0.00
5	<a href="#">3922 Amendment</a>	Executive, Criminal Justice, Criminal Justice Council	Statewide Recidivism Reduction Implementation	\$500,000	\$0	\$0	0.35	0.00	0.00
6	<a href="#">4708</a>	Department of Health and Social Services, Public Health, Community Health	WIC Farmer's Market Nutrition Program (Admin)	\$43,277	\$14,372	\$0	0.00	0.20	0.00
7	<a href="#">4709</a>	Department of Health and Social Services, Public Health, Community Health	WIC Farmer's Market Nutrition Program (Food)	\$211,294	\$0	\$0	0.00	0.00	0.00

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8	<a href="#">4742</a>	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children - CARES Act COVID-19	\$553,918	\$0	\$0	0.00	0.00	0.00
9	<a href="#">4570 Amendment</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Education and Training Voucher Program	\$30,000	\$7,556	\$0	0.00	0.00	0.00
10	<a href="#">4737</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	F-75-R-16 Tidal Freshwater Fisheries Management Program	\$70,125	\$23,375	\$0	0.68	0.04	0.00
11	<a href="#">4638</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	T2-8-R-8 Amphibian and Reptile Monitoring	\$601,250	\$323,750	\$0	0.00	0.07	0.00
12	<a href="#">4642</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	W-21-R-54 Wildlife Investigations - Atlantic Flyway	\$37,236	\$12,412	\$0	0.00	0.00	0.00
13	<a href="#">2979 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	W-53-L-1 State Wildlife Management Area Enhancement	\$1,725,000	\$575,000	\$0	0.00	0.00	0.00
14	<a href="#">3792 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	T2-8-R-7 Amphibian and Reptile Monitoring and Protection	\$108,970	\$58,676	\$0	0.00	0.07	0.00

#### Higher Education

1	2021-01-02-01	Delaware State University	Delaware State University: Covid-19 Recovery Lab - Bounce Forward and Innovation Grant	\$500,000	\$0	\$0			
2	2021-01-02-02	Delaware State University	Astrocyte Specific GPCRs in the Development of Synchronous and Epileptogenic Spiking Activity in Vertebrate Neurons in Culture	\$9,375	\$0	\$0			
3	2021-01-02-03	Delaware State University	Telemetry Infrastructure in the Mid-Atlantic Delaware's Coastal Receiver Gate	\$0	\$224,700	\$0			
4	2021-01-02-04	Delaware State University	A Preliminary Investigation of a Sleep Risk Profile: The Role of Hyperarousal	\$39,423	\$0	\$0			
5	2021-01-02-05	Delaware State University	NSF CREST:Center for Smart Sensing Technologies for the Environment	\$5,379,713	\$0	\$0			
6	2021-01-02-06	Delaware State University	Quantitative Image Analysis for Biomarkers of Aging and Metabolic Diseases	\$431,279	\$0	\$0			
7	2021-01-02-07	Delaware State University	AI Institute: Crop Smart Institute - AI Driven Automation of Science-Based Making in Crop Production for Enhancing Farming Profitability, Productivity, and Sustainability	\$389,503	\$0	\$0			
8	2021-01-02-08	Delaware State University	Excellence in Research: Optical Studies of Nanoparticles and Biomacromolecules in Complex Biopolymeric Systems	\$749,228	\$0	\$0			
9	2021-01-02-09	Delaware State University	Advanced Supercapacitors Based on Novel Low-Cost Biocarbon Materials	\$45,000	\$0	\$0			
10	2021-01-02-10	Delaware State University	Central Cholinergic Synaptic Transmission Across the Lifespan	\$2,511,055	\$0	\$0			
11	2021-01-03-01	University of Delaware	Air-Sea CO2 Flux in North American Ocean Margins: Integration of Field Measurements, Remote Sensing, and Statistical Modeling	\$535,868	\$0	\$0			
12	2021-01-03-02	University of Delaware	Novel Mechanisms and Biomarker Prediction in Congenital Diaphragmatic Hernia	\$0	\$0	\$756,491			
13	2021-01-03-03	University of Delaware	NEH Scholarly Editions Program: The John Dickinson Writings Project	\$433,524	\$0	\$0			
14	2021-01-03-04	University of Delaware	Leading for School Improvement Coaches	\$0	\$0	\$634,517			
15	2021-01-03-05	University of Delaware	Connectome-Based Prediction of Substance Use Disorder Severity	\$129,542	\$0	\$0			
16	2021-01-03-06	University of Delaware	Increased Dietary Fructose Unmasks Salt Sensitive Blood Pressure in Young Healthy Adults	\$211,148	\$0	\$0			
17	2021-01-03-07	University of Delaware	Rheosurf - Neutron Reflectivity-Rheology Sample Environment for Studying Soft	\$0	\$0	\$282,488			
18	2021-01-03-08	University of Delaware	Matter, Biology and Materials Processing at Air-Liquid and Liquid-Liquid Interfaces.	\$0	\$0	\$63,040			

19	2021-01-03-09	University of Delaware	The Built Environment and Hypertension: A Study of the Effects of Crime on Hypertension at the Community Level	\$195,205	\$0	\$0
20	2021-01-03-10	University of Delaware	Dynamic, Cellularized, 3D Printed Model Development for Aerosol Targeting in Pediatric JORRP Patients	\$0	\$0	\$112,500
21	2021-01-03-11	University of Delaware	Molecularly Tailored Sub Nanometer Hydrogenation Catalysts	\$275,000	\$0	\$0
22	2021-01-03-12	University of Delaware	Central Sodium Sensing in Older Humans: Implications for Blood Pressure Regulation	\$287,488	\$0	\$0
23	2021-01-03-13	University of Delaware	Understanding Genome to Phenome Linkages in Bacteriophages for Combatting Multi-Drug Resistant Bacterial Infection	\$407,601	\$0	\$0
24	2021-01-03-14	University of Delaware	Lattice-Matched InGaBiAs on InP for Extended Wavelength SWIR Detection	\$0	\$0	\$15,624
25	2021-01-03-15	University of Delaware	Visible Through Shortwave Infrared Strained Layer Superlattice Imager for Hyperspectral Imaging Instruments	\$0	\$0	\$15,624
26	2021-01-03-16	University of Delaware	Type 2 Super Lattice Integrated with an APD Structure for High Sensitivity	\$0	\$0	\$91,101
27	2021-01-03-17	University of Delaware	A Cross-Site Study of the Lions Quest 12-Week Prevention Program	\$1,046,363	\$0	\$0
28	2021-01-03-18	University of Delaware	Enabling Plant Natural Product Biosynthesis by Debugging Heterologous Protein Expression in Yeast	\$0	\$0	\$1,852
29	2021-01-03-19	University of Delaware	ABC Training Contract Dozier/Roben 20	\$0	\$0	\$30,482
30	2021-01-03-20	University of Delaware	Providing Leadership Coaching for Two Schools as Part of Region 4 Comprehensive Center Team	\$0	\$0	\$28,295
31	2021-01-03-21	University of Delaware	Stochastic Resonance Stimulation for Improving Balance and Motor Function in CP	\$0	\$0	\$233,292
32	2021-01-03-22	University of Delaware	DRIVEN: Accelerating Medical Entrepreneurship in the Northeast	\$0	\$0	\$13,658
33	2021-01-03-23	University of Delaware	Establishing Markers for Stability and a Model for Accelerated Prediction of Production (In)Stability	\$0	\$0	\$15,840
34	2021-01-03-24	University of Delaware	Establishment of AMBIC Reference Cell Lines and Media	\$243,103	\$0	\$0
35	2021-01-03-25	University of Delaware	Map Marine Habitats and Assess Sediment Transport Dynamics to Support Coastal Resiliency at ASIS	\$0	\$0	\$123,200
36	2021-01-03-26	University of Delaware	Local Magnetic Microscopy Probing 2D Materials	\$5,350	\$0	\$0
37	2021-01-03-27	University of Delaware	2020 Leadership Institutes of the Mandela Washington Fellowship for Young African Leaders	\$2,097,937	\$0	\$0
38	2021-01-03-28	University of Delaware	COATS: Collagen-Mimetic Peptide and Therapeutic Gene-Modified Collagens for Cell-Mediated Healing of Diabetic Foot Ulcers	\$129,542	\$0	\$0
39	2021-01-03-29	University of Delaware	Effects of Neighborhood Disadvantage on Adolescent Cortisol Reactivity	\$0	\$0	\$31,671
40	2021-01-03-30	University of Delaware	Assistance in Facilitating School Reviews in Support of ESSA Accountability Measures for Three Schools in the Yonkers School District	\$0	\$0	\$15,000
41	2021-01-03-31	University of Delaware	IR-4 Northeast Region Minor Crop Pest Management	\$519,765	\$0	\$0
42	2021-01-03-32	University of Delaware	The Payload for Ultrahigh Energy Observations (PUEO): A Long-duration Balloon-Borne Instrument to Detect the Highest Energy Astrophysical Particles II University of Delaware Co-I	\$418,573	\$0	\$0
43	2021-01-03-33	University of Delaware	Multifunctional and Tailorable Composite Feedstock	\$0	\$0	\$600,000
44	2021-01-03-34	University of Delaware	Low-Cost and High Efficiency CMOS Compatible GaN High Electron Mobility Transistor Technology for Patient Care Applications	\$0	\$0	\$67,765
45	2021-01-03-35	University of Delaware	Traumatic Disruption of the Biomechanical Coupling of Brain and Skull	\$0	\$0	\$17,063

46	2021-01-03-36	University of Delaware	ANL/DOE Graduate Student Stipend Supplement	\$0	\$0	\$10,000
47	2021-01-03-37	University of Delaware	Ir-4 Northeast Region Minor Crop Pest Management Program	\$0	\$0	\$417,957
48	2021-01-03-38	University of Delaware	Public Allies FY20/22 National Support	\$11,076	\$0	\$0
49	2021-01-03-39	University of Delaware	Establishing National Borehole Inventory	\$28,218,605	\$0	\$0
50	2021-01-03-40	University of Delaware	MARACCOOS (Mid-Atlantic IOOS): Powering Understanding and Prediction of the Mid-Atlantic Ocean, Coast, and Estuaries	\$0	\$0	\$32,000
51	2021-01-03-41	University of Delaware	Tech Impact Forward Delaware IT Workforce Training Programs	\$0	\$0	\$45,000
52	2021-01-03-42	University of Delaware	HR Competencies for Restaurant Managers	\$0	\$0	\$306,384
53	2021-01-03-43	University of Delaware	UD DPAA Postdoctoral Fellowship	\$418,252	\$0	\$0
54	2021-01-03-44	University of Delaware	Increasing Resilience of Survivor-Centered Social Systems in Disasters	\$0	\$0	\$9,258
55	2021-01-03-45	University of Delaware	UMASS/OE TPSID Think College Technical Assistance	\$81,643	\$0	\$0
56	2021-01-03-46	University of Delaware	Priority 1: Borehole Lithology Log Collection and Data/ Priority 2: Critical Minerals Workshop	\$0	\$0	\$23,437
57	2021-01-03-47	University of Delaware	Novel Li-CO2 Solid-State Batteries for Venus Mission	\$0	\$0	\$1,000
58	2021-01-03-48	University of Delaware	Hacking Vulnerable People as Massive Particles	\$0	\$0	\$73,188
59	2021-01-03-49	University of Delaware	Interaction Dynamics and the Development of Structure in Ti-Pure System	\$0	\$0	\$495,550
60	2021-01-03-50	University of Delaware	SRS RN: Social-Environmental Homogenization, Vulnerability, and Stress Along Urban to Rural Gradients in the Continental U.S.	\$0	\$0	\$600,000
61	2021-01-03-51	University of Delaware	Programming Bacteria to Enlist the Immune System to Combat Rogue Human Proteins	\$328,455	\$0	\$0
62	2021-01-03-52	University of Delaware	Towards Ultrafast Spintronic Devices Based on Compensated Ferrimagnets and Antiferromagnets	\$91,216	\$0	\$0
63	2021-01-03-53	University of Delaware	Development of Micro-CT Analysis as a Tool for Interpreting Archaeological Ceramics	\$0	\$0	\$31,220
64	2021-01-03-54	University of Delaware	Routing Optimization for Snowplow Service of South Dakota Department of Transportation (SDDOT)	\$0	\$0	\$86,316
65	2021-01-03-55	University of Delaware	Host Proteins That Interact With the BCG Cell Envelope	\$0	\$0	\$23,520
66	2021-01-03-56	University of Delaware	Nemours Ferrato 2020	\$0	\$0	\$48,405
67	2021-01-03-57	University of Delaware	Improving the Use of Research in Classroom Resources	\$0	\$0	\$75,000
68	2021-01-03-58	University of Delaware	Low Bandgap CIGS Solar Cells for CIGS/CdTe Tandem Solar Cells	\$0	\$0	\$14,000
69	2021-01-03-59	University of Delaware	Ir4 Northeast Region Minor Crop Pest Management Program	\$254,431	\$0	\$0
70	2021-01-03-60	University of Delaware	EDGE FGT: Genome-Editing Tools for Keystone Freshwater Heterotrophs	\$237,445	\$0	\$0
71	2021-01-03-61	University of Delaware	III: Small: Developing Guaranteed Optimization-Driven Learning Pipelines for Contagion Analysis	\$171,886	\$0	\$0
72	2021-01-03-62	University of Delaware	HCC Core: Small: Toward Fall and Near-fall in the Wild: Data, Method, and Application	\$0	\$0	\$352,498

73	2021-01-03-63	University of Delaware	The CyberSpectrum Research and Education Institute	\$0	\$0	\$171,296
74	2021-01-03-64	University of Delaware	Mechanics of Microtubule Aster Growth and Positioning	\$51,894	\$0	\$0
75	2021-01-03-65	University of Delaware	Predicting Trends in Groundwater Levels and Salinity Due to Sea-level Rise and Storm-Surge Inundation at Fire Island National Park	\$0	\$0	\$364,171
76	2021-01-03-66	University of Delaware	The Development of RRD Resistant Sustainable Rose Cultivars	\$158,745	\$0	\$0
77	2021-01-03-67	University of Delaware	Collaborative Research: SaTC: CORE: Medium: Cyber Resilient 5G-Enabled Dynamic Wireless Charging Systems for Electric Vehicles	\$0	\$0	\$33,760
78	2021-01-03-68	University of Delaware	Embedding Bio-Sentinels in the Indoor Microbiome to Remediate Airborne Threats	\$0	\$0	\$188,609
79	2021-01-03-69	University of Delaware	Community Mobile Healthcare & Wellness Initiative	\$0	\$0	\$21,875
80	2021-01-03-70	University of Delaware	Design Tools for Tailorable and Ultra-Thin TuFF Composites	\$0	\$0	\$10,000
81	2021-01-03-71	University of Delaware	miR-31 Regulates Translation at the Mitotic Spindle	\$393,681	\$0	\$0
82	2021-01-03-72	University of Delaware	Artificial Intelligence & Machine Learning for Biopharmaceutical Manufacturing	\$0	\$0	\$26,563
83	2021-01-03-73	University of Delaware	Lunar Dust Mitigation System With Synergistic Mechanical, Electrical, and Self-Cleaning Surface Functionality	\$0	\$0	\$26,563
84	2021-01-03-74	University of Delaware	Environmental Protection Garment Shell Textile Incorporating Durable, Ultra-Low Temperature Compatible Fibers	\$0	\$0	\$36,426
85	2021-01-03-75	University of Delaware	Fatigue Testing of 136RE Rail With Variation in Corrosion	\$0	\$0	\$954,341
86	2021-01-03-76	University of Delaware	REPAIR: Reducing Exposure Pathways to Arsenic and Assessing Immune Response	\$348,813	\$0	\$0
87	2021-01-03-77	University of Delaware	Vibrational Coupling and Conformational Dynamics in Interfacial Electron Transfer	\$2,222	\$0	\$0
88	2021-01-03-78	University of Delaware	HHS DATI FY2020 Delaware Assistive Technology Initiative	\$0	\$0	\$10,000
89	2021-01-03-79	University of Delaware	Activity Modification and Load Management for Adolescents With Heel Pain	\$0	\$0	\$600,000
90	2021-01-03-80	University of Delaware	Increasing Live Vaccine Efficacy by Teaching Cells to Make Immunogenic Amino Acids	\$0	\$0	\$26,709
91	2021-01-03-81	University of Delaware	Closing the College Success Gap for Underprepared Students: Evidence from a State-Wide Remedial Education Reform	\$0	\$0	\$46,091

Revised 1/14/21

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**WebEx Meeting Information/Instructions Attached**  
**February 19, 2021 @ 10:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">4775</a>	Executive, Criminal Justice, Criminal Justice Council	Title V Category 1 State Delinquency Prevention Programs	\$1,000,000	\$0	\$0	0.27	0.00	0.00
2	<a href="#">4796</a>	Department of State, Division of Small Business	Business Relief Grant - New Castle County MOU - CARES Act COVID-19	\$10,000,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">4752</a>	Department of Health and Social Services, Public Health, Community Health	Pregnancy Risk Assessment Monitoring System (PRAMS) COVID Supplement	\$11,592	\$0	\$0	0.00	0.00	0.00
4	<a href="#">4794</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title II C-2 Nutrition Services - CRRSA COVID-19	\$840,000	\$0	\$0	0.00	0.00	0.00
5	<a href="#">4795</a>	Department of Health and Social Services, Social Services	Child Care Development Fund Discretionary - CRRSA COVID 19	\$27,828,250	\$0	\$0	0.00	0.00	0.00
6	<a href="#">4764</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	T2-22-R-1 Raptor, Grassland, and Forest Bird Conservation Projects	\$464,254	\$249,983	\$0	0.00	0.07	0.00
7	<a href="#">4766</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Blades Groundwater OU-01 RI/FS	\$13,410	\$0	\$0	0.13	0.00	0.00
8	<a href="#">4759</a>	Department of Labor, Employment and Training, Employment and Training Services	H-1B One Workforce Grant	\$9,193,902	\$0	\$0	0.00	0.00	0.00
9	<a href="#">4772</a>	Delaware National Guard	Bethany Beach Transient Officer Quarters (MILCON)	\$5,269,000	\$1,757,000	\$0	0.00	0.00	0.00
<b>DSCC Approved January 19, 2021 - Following Up with SAI Numbers</b>									
1	<a href="#">2021-01-14-01</a>	Delaware State Housing Authority	Emergency Rental Assistance Program - CRRSA COVID-19	\$200,000,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">4793</a>	Office of the Governor via the Office of Management and Budget	Governor's Emergency Education Relief Fund - GEER II - CRRSA COVID-19	\$3,458,598	\$0	\$0	0.00	0.00	0.00
3	<a href="#">4797</a>	Department of Education, Student Support	Emergency Assistance for Non-Public Schools (EANS) - CRRSA COVID-19	\$4,965,788	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">4743</a>	Department of Health and Social Services, Public Health, Community Health	Title X Family Planning Services	\$2,264,996	\$1,208,540	\$0	4.00	6.00	0.00
2	<a href="#">4746</a>	Department of Health and Social Services, Public Health, Community Health	Hepatitis C Increased Testing and Diagnosis	\$403,357	\$0	\$0	0.00	0.00	0.00
3	<a href="#">4765</a>	Department of Health and Social Services, State Service Centers	Community Development Block Grant Kent/Sussex DSHA - CARES Act COVID-19	\$2,600,000	\$0	\$0	0.00	0.00	0.00
4	<a href="#">4781</a>	Department of Health and Social Services, State Service Centers	Community Development Block Grant New Castle County - CARES Act COVID-19	\$795,286	\$0	\$0	0.00	0.00	0.00
5	<a href="#">4800</a>	Department of Health and Social Services, State Service Centers	Community Development Block Grant City of Newark - CARES Act COVID-19	\$33,756	\$0	\$0	0.00	0.00	0.00
6	<a href="#">4784</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	Delaware Emergency COVID-19 Grant	\$2,859,649	\$0	\$0	0.00	0.00	0.00
7	<a href="#">4668</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	E-6-TW-9 Delaware White-Nose Syndrome Grants	\$21,929	\$0	\$0	0.05	0.00	0.00

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8	<a href="#">4159 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	T2-18-R-4 Avian Conservation Projects	\$967,880	\$521,167	\$0	0.00	0.17	0.00
9	<a href="#">4223 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	F-43-E-29 Delaware Aquatic Resources Education Program	\$338,300	\$112,746	\$0	1.40	0.80	0.00
10	<a href="#">4738</a>	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	\$1,166,066	\$205,615	\$0	6.65	0.95	0.00
11	<a href="#">4739</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Hazard Materials Emergency Planning	\$239,374	\$58,762	\$0	0.10	0.36	0.00
12	<a href="#">4758</a>	Department of Labor, Employment and Training, Employment and Training Services	Disabled Veterans' Outreach Program	\$588,189	\$0	\$0	6.00	0.00	0.00
13	<a href="#">4762</a>	Department of Labor, Employment and Training, Employment and Training Services	Trade Adjustment Assistance	\$200,000	\$0	\$0	1.60	0.00	0.00
14	<a href="#">4770</a>	Department of Agriculture, Animal Health	Umbrella National Surveillance	\$245,235	\$0	\$0	0.00	0.00	0.00

#### Higher Education

1	4521 Amendment	Delaware Technical Community College	Higher Education Emergency Relief Fund (HEERF II)	\$4,504,200	\$0	\$0			
2	4640 Amendment	Delaware Technical Community College	Higher Education Emergency Relief Fund Operational (HEERF II)	\$14,581,486	\$0	\$0			
3	2021-02-06-01	Delaware State University	FACT: Harnessing Data Science Techniquet in Interdisciplinary Food Science Research	\$199,936	\$0	\$0			
4	2021-02-06-02	Delaware State University	Increasing Legitimacy of the Electronic Political Process: Embracing Blockchain Technologies to Transform E-Voting Practices.	\$400,000	\$0	\$0			
5	2021-02-06-03	Delaware State University	Promoting Mental Wellness and Resilience in Rural Communities: Developing a Mindfulness-Based Approach	\$0	\$14,250	\$0			
6	2021-02-06-04	Delaware State University	Domestic Violence Specialist Certificate Program Development	\$0	\$10,000	\$0			
7	2021-02-06-05	Delaware State University	Changes in Cholinergic Signaling During Aging	\$1,459,999	\$0	\$0			
8	2021-02-06-06	Delaware State University	HDR Institute: Convergent Biological and Environmental Data Science for Ecosystem Services From Metagenomics to Macroecology	\$700,165	\$0	\$0			
9	2021-02-06-07	Delaware State University	DSU SNAP-ED Program 2021	\$312,399	\$0	\$0			
10	2021-02-06-08	Delaware State University	Project: THRIVE	\$21,125	\$0	\$0			
11	2021-02-06-09	Delaware State University	Nemours MSW Training Program Sub-Award	\$0	\$240,000	\$0			
12	2021-02-06-10	Delaware State University	Novel Immunotherapeutics Targeting PSMA-Positive Prostate Cancer	\$0	\$150,000	\$0			
13	2021-02-13-01	University of Delaware	MRI: Acquisition of Time-of-Flight Secondary Ion Mass Spectrometer (ToF-SIMS)	\$991,808	\$0	\$0			
14	2021-02-13-02	University of Delaware	MRI: Acquisition of Octet RED384 for Label-Free Detection of Biomolecular Interactions	\$368,868	\$0	\$0			
15	2021-02-13-03	University of Delaware	High Speed Quantum Magnetic Microscopy	\$0	\$0	\$5,000			
16	2021-02-13-04	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			
17	2021-02-13-05	University of Delaware	Additive Manufacturing of Low-Density Flexible Polysiloxane Nanocomposite Felt for TPS	\$0	\$0	\$35,156			
18	2021-02-13-06	University of Delaware	The Roads to Politics: Chinese Private Entrepreneurs in China's Policymaking	\$0	\$0	\$2,000			
19	2021-02-13-07	University of Delaware	Root Causes of School Violence: Examining School Disorder and Community Context	\$0	\$0	\$35,680			

20	2021-02-13-08	University of Delaware	RII Track-2 FEC: Advanced Lithium-Sulfur Battery Manufacturing for Electric Vehicles of the Future	\$0	\$0	\$264,140
21	2021-02-13-09	University of Delaware	Dynamics of Dissipative Quantum Systems With Artificial Neural Networks	\$0	\$0	\$10,000
22	2021-02-13-10	University of Delaware	Raman Merck Research Project	\$0	\$0	\$65,102
23	2021-02-13-11	University of Delaware	Photonic Integrated Circuits for Imaging Receiver Systems	\$0	\$0	\$29,297
24	2021-02-13-12	University of Delaware	Entangled Photon Pair Source Based on Thin-Film Lithium Niobate on Insulator Photonic Integrated Circuits	\$0	\$0	\$29,297
25	2021-02-13-13	University of Delaware	Spatial Ecology of Fish Spawning Aggregations and Their Transgenerational Connectivity to the Florida Keys Marine Ecosystem	\$0	\$0	\$788,405
26	2021-02-13-14	University of Delaware	NSF Center for Nanothread Chemistry	\$0	\$0	\$442,930
27	2021-02-13-15	University of Delaware	NSF CCF Core: Small: Fundamental Limits in Ambiguous Communication	\$121,566	\$0	\$0
28	2021-02-13-16	University of Delaware	Electro-Optic Photonic Integrated Circuits in Thin Lithium Niobate	\$0	\$0	\$29,297
29	2021-02-13-17	University of Delaware	Protein Knowledge Networks and Semantic Computing for Disease Discovery	\$1,808,948	\$0	\$0
30	2021-02-13-18	University of Delaware	Cell-Mediated Antiretroviral Drug Transport in the Lymph Node	\$278,161	\$0	\$0
31	2021-02-13-19	University of Delaware	Tunable RF Filter Based on Integrated Photonic Circuit	\$0	\$0	\$26,232
32	2021-02-13-20	University of Delaware	Black Teachers Matter: Co-Constructing a Black Preservice Teacher Network to Improve the Experiences and Retention of Black Preservice Teachers in Teacher Education Programs	\$0	\$0	\$72,757
33	2021-02-13-21	University of Delaware	Simultaneous Production of Litter-Derived, Pathogen-Free Bedding and Ecochar® Powder Activated Carbon for Reduction of Ammonia Emissions From Poultry	\$0	\$0	\$72,899
34	2021-02-13-22	University of Delaware	CY2021 NSF SHIP OPS Support	\$0	\$0	\$0
35	2021-02-13-23	University of Delaware	Incorporation of Connected and Automated Vehicle Energy Impacts Into Route E and Support of Route E Integration and Deployment	\$40,380	\$0	\$0
36	2021-02-13-24	University of Delaware	The Development and Application of a Rapid Screening Tool for Feed Interventions to Reduce the Need for Large Numbers of Animals in Early Trials	\$0	\$0	\$51,444
37	2021-02-13-25	University of Delaware	University of Delaware Prison Research & Innovation Network	\$0	\$0	\$86,957
38	2021-02-13-26	University of Delaware	Salinity Intrusion of Freshwater Via Sea Level Rise at Assateague Island National Seashore, Maryland	\$49,395	\$0	\$0
39	2021-02-13-27	University of Delaware	Agriculture Risk Management Education Partnerships (ARME) Competitive Grants Program	\$6,440,668	\$0	\$0
40	2021-02-13-28	University of Delaware	Quantification of Microplastics in Water and Wastewater: Electro-Assisted Separation of Micro-Particles	\$0	\$0	\$94,101
41	2021-02-13-29	University of Delaware	Irrigation Decisions and Crop Yield Associated With Snowmelt and Soil Moisture Deficits Across the United States	\$0	\$0	\$94,354
42	2021-02-13-30	University of Delaware	Comprehensive Tools and Models for Addressing Exposure to Mixtures During Environmental Emergency-Related Contamination Events	\$0	\$0	\$88,745
43	2021-02-13-31	University of Delaware	Systematic Study of Plasmon-Induced Charge and Energy Transfer in Metal-Semiconductor Hybrids	\$327,577	\$0	\$0
44	2021-02-13-32	University of Delaware	Improving the Retention of Speech-Perceptual Learning in Adults With and Without Language Disorder	\$1,250,000	\$0	\$0
45	2021-02-13-33	University of Delaware	Probing the Unique Attributes of the Naïve Reservoir	\$0	\$0	\$450,001
46	2021-02-13-34	University of Delaware	Gulf Research Program Early Career Fellowship: Human Health and Community Resilience Track	\$0	\$0	\$76,001



47	2021-02-13-35	University of Delaware	Measuring and Predicting Natural and Enhanced Rate and Capacity of Abiotic Reduction of Munitions Constituents	\$261,332	\$0	\$0
48	2021-02-13-36	University of Delaware	Self-Power Generation From Combat Boots of Soldiers for Energy Security in the Battlefield	\$0	\$0	\$235,262
49	2021-02-13-37	University of Delaware	HDR Institute: The Greater Philadelphia Data Science Gateway: Achieving Data Science Literacy in the Delaware Valley Through Astronomy, Computer Science, and Engineering	\$0	\$0	\$781,684
50	2021-02-13-38	University of Delaware	Persistence of Field-scale Sustainable Agricultural Land Use Practices in Large-scale Landscape Evolution: A Data-driven Investigation	\$285,694	\$0	\$0
51	2021-02-13-39	University of Delaware	Effects of Handgrip Exercise on Renal Oxygenation in Aging Humans	\$0	\$0	\$5,000
52	2021-02-13-40	University of Delaware	Melatonin and Salt on Blood Vessel and Autonomic Nervous Function	\$0	\$0	\$5,000
53	2021-02-13-41	University of Delaware	The Effect of Exercise and Low-Density Lipoprotein Cholesterol on Human T-Cell Metabolism and Vascular Function.	\$0	\$0	\$5,000
54	2021-02-13-42	University of Delaware	HDR Institute: CLARIPHY - Transforming Discovery and Interpretation at the Frontiers of Data-Intensive Science	\$0	\$0	\$508,065
55	2021-02-13-43	University of Delaware	National Inertial Confinement Fusion Program	\$0	\$0	\$244,303
56	2021-02-13-44	University of Delaware	Collaborative Research: DMREF: Biopolymer Mesoscale Ribbons and Assemblies for Energy Management	\$0	\$0	\$303,852
57	2021-02-13-45	University of Delaware	Childhood Abuse, Epigenetic Aging Acceleration (EAA), Hypothalamic-Pituitary-Adrenal (HPA) Axis, and Bio-Behavioral Health	\$750,000	\$0	\$0
58	2021-02-13-46	University of Delaware	The Longitudinal Relationship of Sedentary Behavior With Health Outcomes in a Community-Based Cohort: The Johnston County Health Study	\$3,030,312	\$0	\$0
59	2021-02-13-47	University of Delaware	RRI Track-2 FEC: Fundamental Insights Into the Durability and Efficiencies of CO2 Electrolyzers	\$0	\$0	\$1,305,745
60	2021-02-13-48	University of Delaware	AI Feedback Coach: Improving Teacher Feedback Practices With Job-Embedded Professional Development	\$0	\$0	\$8,422
61	2021-02-13-49	University of Delaware	Factors Affecting Glycemic Variability Among Emerging Adult Couples Managing Type 1 Diabetes	\$0	\$0	\$64,147
62	2021-02-13-50	University of Delaware	Sandbridge Highly Migratory Species: Fish Distribution on a Dredged Shoal	\$433,795	\$0	\$0
63	2021-02-13-51	University of Delaware	Chiral Exceptional Point Manifested Active Tuning in Integrated Photonics	\$638,749	\$0	\$0
64	2021-02-13-52	University of Delaware	HDR Institute: The Greater Philadelphia Data Science Gateway: Achieving Data Science Literacy in the Delaware Valley Through Astronomy, Computer Science, and Engineering	\$0	\$0	\$1,444,026
65	2021-02-13-53	University of Delaware	MRI: Development of a Multimodal Nanoscale Magnetic Imaging Instrument	\$1,818,503	\$0	\$0
66	2021-02-13-54	University of Delaware	SOW #1 for Bristol Meyers Squibb Master Laboratory Services Agreement	\$0	\$0	\$145,000
67	2021-02-13-55	University of Delaware	HDR Institute: Convergent Biological and Environmental Data Science for Understanding Multiscale Ecosystem Processes and Their Societal Impact	\$7,906,833	\$0	\$0
68	2021-02-13-56	University of Delaware	Membrane Fluidity: Both Fundamental and Functional	\$486,053	\$0	\$0
69	2021-02-13-57	University of Delaware	Collaborative Research: DMREF: Rheostructurally-Informed Neural Networks for Geopolymer Material Design	\$351,184	\$0	\$0
70	2021-02-13-58	University of Delaware	Collaborative Research: DMREF: Machine-Guided Curation of Metal-Organic Polyhedra for Sensor Arrays for Complex Gas Mixtures	\$687,807	\$0	\$0
71	2021-02-13-59	University of Delaware	Particle Theory, Particle Astrophysics and Cosmology	\$525,903	\$0	\$0
72	2021-02-13-60	University of Delaware	Spectral Graph Theory and Association Schemes	\$0	\$0	\$35,000
73	2021-02-13-61	University of Delaware	MCA: Probe Protein Folding Mechanism by a Template Protein With Mechanical Tunable Structure	\$0	\$0	\$17,699

74	2021-02-13-62	University of Delaware	Identification of New Transcriptional Co-Regulators of EWSFL11 in Ewing's Sarcoma	\$0	\$0	\$45,000
75	2021-02-13-63	University of Delaware	Mechanisms and Consequences of Reverse Transcription in HIV-1 Cores	\$0	\$0	\$196,524
76	2021-02-13-64	University of Delaware	Real-Time Structural Response Assessment for Post-Event Reconnaissance	\$309,454	\$0	\$0
77	2021-02-13-65	University of Delaware	Collaborative Research: PPOSS: LARGE: ZYDECO: A High-Performance Dynamic Ensemble Computing System	\$791,459	\$0	\$0
78	2021-02-13-66	University of Delaware	Biological Extraction of Rare Earth Elements Inspired by Processes in the Earth (BE RIPE)	\$322,806	\$0	\$0
79	2021-02-13-67	University of Delaware	Exploring Emerging Chemometric Methods	\$0	\$0	\$62,057
80	2021-02-13-68	University of Delaware	Mitigation of Comorbidity and Secondary Morbidities of Radiotherapy in Mitochondrial Isocitrate Dehydrogenase 2 Deficient Mice	\$1,625,315	\$0	\$0
81	2021-02-13-69	University of Delaware	Advanced Manufacturing of Renewable and Recyclable Polymers	\$0	\$0	\$1,139,333
82	2021-02-13-70	University of Delaware	Preparatory Research to Support the Emotion Work of Broadening Participation in Science Museums	\$0	\$0	\$79,291
83	2021-02-13-71	University of Delaware	Ocean Wave Modulation of Sea Spray Aerosol Particles Dynamics	\$0	\$0	\$242,297
84	2021-02-13-72	University of Delaware	Collaborative Research: DMREF: Invoking Physicochemically-Triggered Disassembly and Degradation Processes for Rapid Manufacture and Transport of Complex Hybrid Nanomaterials	\$0	\$0	\$546,280
85	2021-02-13-73	University of Delaware	Collaborative Research: PPOSS: Planning: An Integrated, Dynamic, Cross-layer Approach for HPC	\$80,919	\$0	\$0
86	2021-02-13-74	University of Delaware	DMREF-GOALI: Designing Toughness of 3D-Printed Multimaterial Ceramic Composites	\$1,062,117	\$0	\$0
87	2021-02-13-75	University of Delaware	Jonas Nurse Leaders Scholars Program 2021-2023: Postpartum Depression Among Vulnerable NICU Mothers	\$0	\$0	\$15,000
88	2021-02-13-76	University of Delaware	Jonas Nurse Leaders Scholars Program 2021-2023	\$0	\$0	\$15,000
89	2021-02-13-77	University of Delaware	Molecular Genetic Analysis of ABCA4 Genetic Variations and Their Role in Age-Related Macular Degeneration	\$1,250,000	\$0	\$0
90	2021-02-13-78	University of Delaware	Christiana Care 2 PADE 20/21 Partner Organization	\$0	\$0	\$17,000
91	2021-02-13-79	University of Delaware	Moderating Support for Two Virtual FHWA Peer Exchanges	\$0	\$0	\$16,900
92	2021-02-13-80	University of Delaware	Education, Prevention, and Intervention: Supporting and Expanding Delaware's Initiatives Against Sexual Violence	\$0	\$0	\$13,715
93	2021-02-13-81	University of Delaware	Investigation of TDRD7 in Lens Cell Defects and Cataract Pathobiology	\$0	\$0	\$70,000
94	2021-02-13-82	University of Delaware	Multiscale Tendon Damage and Aberrant Cellular Responses in an in Vivo Model of Tendinosis	\$1,767,219	\$0	\$0
95	2021-02-13-83	University of Delaware	Evaluating Placenta Transfer of Lipid Nanoparticles Across Multiple Experimental Scales	\$0	\$0	\$352,097
96	2021-02-13-84	University of Delaware	Mineral-Fluid Interactions: Synchrotron Radiation Studies	\$0	\$0	\$125,334
97	2021-02-13-85	University of Delaware	Understanding How Elementary Teachers Take Up Discussion Practices to Promote Disciplinary Learning and Equity.	\$0	\$0	\$1,490,655
98	2021-02-13-86	University of Delaware	Assist With Wilmapco's Transportation Justice Study	\$0	\$0	\$21,250
99	2021-02-13-87	University of Delaware	Using Computational Modeling to Improve Respiratory-Laryngeal Coordination in Patients With Primary Muscle Tension Dysphonia	\$636,642	\$0	\$0
100	2021-02-13-88	University of Delaware	Relations Between Early Motor and Communication Development, and Future Outcomes/Services in Children With and Without Autism Spectrum Disorder (ASN)	\$1,261,398	\$0	\$0

101	2021-02-13-89	University of Delaware	Nozzle Heating and Cooling Patterns for Improved Hypersonic Quiet Wind-Tunnel Design.	\$816,796	\$0	\$0
102	2021-02-13-90	University of Delaware	Appendix D: Characterizing Stress Tolerance of Leafy Greens to CO2, Humidity, and Radiation	\$68,602	\$0	\$0
103	2021-02-13-91	University of Delaware	Appendix I: Development of Three-Dimensional (3D) Carbon Fiber Reinforced Composites for Rocket Nozzle Extensions	\$65,295	\$0	\$0
104	2021-02-13-92	University of Delaware	Electric Yeast: Electronic Wiring of Yarrowia Lipolytica for Carbon Efficient Alkane Production	\$0	\$0	\$453,138
105	2021-02-13-93	University of Delaware	Collaborative Research: The Zonal Overturning Circulation	\$194,429	\$0	\$0
106	2021-02-13-94	University of Delaware	Collaborative Research: CCRI: New: Data-Driven Cybersecurity Research Infrastructure for Digital Manufacturing	\$206,718	\$0	\$0
107	2021-02-13-95	University of Delaware	Thriving Vs. Surviving in Retirement: The Effects of Late-Career Health and Employment Shocks	\$0	\$0	\$40,564
108	2021-02-13-96	University of Delaware	Mixed Finite Element for Biharmonic Equations	\$0	\$0	\$35,000
109	2021-02-13-97	University of Delaware	Understanding Sleep-Related Pain Over Time and Associated Mechanisms in Later Life	\$1,005,564	\$0	\$0
110	2021-02-13-98	University of Delaware	Advanced Video Capture With Computer Vision Analysis for Assessing Park Use and Advanced Video Capture With Computer Vision Analysis for Assessing Park Use and Environment	\$275,000	\$0	\$0
111	2021-02-13-99	University of Delaware	Impacts of Sea-Level Rise and Onshore-Offshore Connectivity on Freshwater Production From Coastal Aquifers	\$0	\$0	\$18,184
112	2021-02-14-01	University of Delaware	Collaborative Proposal: Life on Clays: Evaluating Fe(II)-Smectites as Electron Donors on Early Earth and Other Planetary Bodies	\$0	\$0	\$14,589
113	2021-02-14-02	University of Delaware	Coupling Novel Electrocatalytic Routes and Metabolic Engineering (NERAME) for Highly Efficient CO2 Conversion Into PHA for Plastics	\$0	\$0	\$196,173
114	2021-02-14-03	University of Delaware	Estimating Nelsons Sparrows Reproductive Success at Mendall Marsh, Maine	\$0	\$0	\$200,232
115	2021-02-14-04	University of Delaware	Interactions Between Alcohol and Dietary Carcinogen-Induced Colon Cancer: Exploratory Study	\$100,000	\$0	\$0
116	2021-02-14-05	University of Delaware	Fly Five: The Social and Emotional Learning Curriculum	\$0	\$0	\$49,687
117	2021-02-14-06	University of Delaware	Data Mining: A New Method for Studying Achievement Gaps and Family Wealth	\$0	\$0	\$7,500
118	2021-02-14-07	University of Delaware	Testing Ecological Hypotheses of Biodiversity Drivers in the Marine Environment	\$135,000	\$0	\$0
119	2021-02-14-08	University of Delaware	HNDS-I: Building a Data Infrastructure to Enable Research on Child and Adolescent Social Media Influencers	\$1,014,945	\$0	\$0
120	2021-02-14-09	University of Delaware	Molecular Engineering of Cartilage PCM Mechanotransduction in Osteoarthritis Using Biomimetic Proteoglycans	\$0	\$0	\$110,000
121	2021-02-14-10	University of Delaware	Growth and Mechanics of Lymph Nodes: Connecting Inflammation to Function	\$1,927,966	\$0	\$0
122	2021-02-14-11	University of Delaware	Dietary Fructose and Salt Sensitivity of Blood Pressure in Healthy Older Adults	\$275,000	\$0	\$0
123	2021-02-14-12	University of Delaware	Stem Cell-Based Injectable Therapies for Vocal Fold Scarring	\$2,126,192	\$0	\$0
124	2021-02-14-13	University of Delaware	A New Path to Spatial Learning: Introducing the Pattern Alphabet	\$0	\$0	\$434,783
125	2021-02-14-14	University of Delaware	SARS-CoV-2 Wastewater-Based Epidemiology Research Agreement	\$0	\$0	\$249,400
126	2021-02-14-15	University of Delaware	Multi-Year, Multi-Partner, Multi-Objective Underwater Innovation Study	\$0	\$0	\$1,004,666
127	2021-02-14-16	University of Delaware	High Temperature RF Amplifiers Based on GaN High Electron Mobility Transistors for Venus Exploration Applications	\$67,169	\$0	\$0

128	2021-02-14-17	University of Delaware	EAGER SAI: Vulnerability-Informed Communication for Targeted Power Outage Interventions	\$197,900	\$0	\$0
129	2021-02-14-18	University of Delaware	Evaluation of Deep-Learning-Based Approach for Markerless Kinematics Prediction	\$7,500	\$0	\$0
131	2021-02-14-20	University of Delaware	Changing Health and Lifestyle Behaviors of Offspring Following Maternal Bariatric Surgery	\$0	\$0	\$44,034
132	2021-02-14-21	University of Delaware	Creating a Universal and High-Quality Early Childhood Education System in Delaware: A Study of Parent's Needs and Financial Strategies to Achieve the Goal	\$0	\$0	\$325,417
133	2021-02-14-22	University of Delaware	Differential Contributions of Conscious and Unconscious Proprioceptive Impairments to Motor Deficits Following Stroke	\$0	\$0	\$210,000

**Delaware State Clearinghouse Committee**  
**March Agenda**  
**Meeting to be Held via WebEx**  
**WebEx Meeting Information/Instructions Attached**  
**March 16, 2021 @ 10:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">2021-02-25-01</a>	Department of State, Division of the Arts, Office of the Director	Access Creative Aging	\$0	\$0	\$60,000	0.00	0.00	0.00
2	<a href="#">4626 Amendment</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration	Title III C-1 Congregate Meals - Switch Fund Request	\$0	\$0	\$0	-0.50	-0.50	0.00
3	<a href="#">4802</a>	Department of Health and Social Services, Social Services	Supplemental Nutritional Assistance Program Administration - CRRSA Act COVID-19	\$242,967	\$0	\$0	0.00	0.00	0.00
4	<a href="#">4771</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Lums Pond State Park Paving Improvements	\$373,729	\$373,729	\$0	0.00	0.00	0.00
5	<a href="#">4780</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	State Energy Program - Switch Fund Request	\$402,630	\$86,553	\$0	2.92	0.70	0.00
6	<a href="#">4785</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Public Assistance DR-4566 TS Isaias	\$10,500,000	\$3,500,000	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">4710</a>	Executive, Office of Management and Budget, Food Distribution	Commodity Supplemental Food Program	\$172,363	\$0	\$0	0.00	0.00	0.00
2	<a href="#">4711</a>	Executive, Office of Management and Budget, Food Distribution	State Administrative Expense Funds	\$140,000	\$0	\$0	0.60	0.00	0.00
3	<a href="#">4790</a>	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program Administrative	\$330,000	\$117,390	\$0	1.40	2.70	0.00
4	<a href="#">4348 Amendment</a>	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program Trade Mitigation	\$218,247	\$0	\$0	0.00	0.00	0.00
5	<a href="#">4744</a>	Department of Health and Social Services, Public Health, Community Health	National & State Tobacco Control Program	\$991,511	\$0	\$0	5.00	0.00	0.00
6	<a href="#">4748</a>	Department of Health and Social Services, Public Health, Community Health	State Office of Rural Health	\$230,000	\$1,086,689	\$0	1.25	0.00	0.00
7	<a href="#">4776</a>	Department of Health and Social Services, State Service Centers	Foster Grandparent Program Grant	\$576,090	\$63,367	\$0	0.50	0.50	0.00
8	<a href="#">4105 Amendment</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training	\$302,033	\$0	\$0	0.00	0.00	0.00
9	<a href="#">4519 Amendment</a>	Department of Health and Social Services, State Service Centers	Community Services Block Grant - CARES Act COVID-19	\$3,627,506	\$0	\$0	0.00	0.00	0.00
10	<a href="#">2753 Amendment</a>	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Koppers Road Cooperative Agreement	\$15,111	\$0	\$0	0.14	0.00	0.00
11	<a href="#">4265 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Anadromous Species Investigations	\$357,425	\$119,125	\$0	1.36	1.34	0.00
12	<a href="#">4337 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Structure Oriented Fish Assessment Program	\$168,720	\$56,240	\$0	0.05	0.20	0.00
13	<a href="#">4782</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Pre-Disaster Mitigation	\$257,840	\$34,560	\$51,750	0.00	0.00	0.00
14	<a href="#">4783</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Flood Mitigation Assistance	\$200,000	\$73,000	\$0	0.00	0.00	0.00
15	<a href="#">4779</a>	Department of Agriculture, Animal Health	Animal Disease Traceability	\$4,646	\$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>

16	<a href="#">2020-10-07-01 Amendment</a>	Polytech School District, Adult Education	Practical Nursing Simulation Activity Development - CARES Act COVID-19	\$99,704	\$0	\$0	0.00	0.00	0.00
17	<a href="#">2020-10-27-01 Amendment</a>	Polytech School District, Adult Education	Practical Nursing Student Emergency Aid Fund - CARES Act COVID-19	\$23,717	\$0	\$0	0.00	0.00	0.00

#### Higher Education

1	4728	Delaware Technical Community College	TITLE III Advancing Student Success Through Flexible Courses and Enhanced Wraparound Services	\$2,056,512	\$0	\$0			
2	2017-10-07-19 Amendment	Delaware State University	Strengthening Historically Black Colleges and Universities (HBCU) - 2017-2022	\$706,007	\$0	\$0			
3	2014-05-31-05 Amendment	Delaware State University	Historically Black Graduate Institutions Program (HBGI 2014-2019)	\$2,901,738	\$0	\$0			
4	2015-09-05-84 Amendment	Delaware State University	Title III HBCU – Student Aid and Fiscal Responsibility Act (SAFRA)	\$977,359	\$0	\$0			
5	2021-02-06-11	Delaware State University	Historically Black Colleges and Universities Program (FUTURE Act)	\$4,644,595	\$0	\$0			
6	2021-03-13-02	Delaware State University	Microporous Carbon Monolith Synthesis and Natural Gas Storage	\$0	\$0	\$70,000			
7	2021-03-13-03	Delaware State University	Understanding How Adolescent Bullying Experiences Affect Traumatic Stress, Sexual Health and STI Risk Among Young Men Who Have Sex With Men (YMSM)	\$438,000	\$0	\$0			
8	2021-03-13-04	Delaware State University	An interdisciplinary Graduate Certificate Program in Bio-imaging and Bio-Photonics to Strengthen Research and Doctoral Training	\$999,688	\$0	\$0			
9	2021-03-13-05	Delaware State University	Diversifying Neuroscience Through Predoctoral Training at an HBCU	\$2,405,871	\$0	\$0			
10	2021-03-13-06	Delaware State University	Quantitative Image Analysis for Biomarkers of Aging and Metabolic Diseases	\$431,279	\$0	\$0			
11	2021-03-13-07	Delaware State University	SARS COV-2 Entry Inhibitors and Hot-Spot Analysis	\$401,500	\$0	\$0			
12	2021-03-13-08	Delaware State University	Developing Community-Engaged Research to Examine and Address Stress and Health Behavior Among Delaware Nurses	\$0	\$15,594	\$0			
13	2021-03-13-09	Delaware State University	QLCI - CI: Institute for Quantrun Matter for Exploring the Dark Sector	\$801,999	\$0	\$0			
14	2021-03-13-10	Delaware State University	Evaluation and Recommendations for DNREC Communication and Interaction With the Public With Special Consideration to Underserved Communities	\$0	\$249,773	\$0			
15	2021-03-13-11	Delaware State University	The Role of Rnase H2 in Cold Tolerance in Caenorhabditis Elegans	\$392,000	\$0	\$0			
16	2021-03-13-12	Delaware State University	Prevention of Alpha-Synuclein DeSUMOylation as a Parkinson's Therapeutic Target.	\$438,000	\$0	\$0			
17	2021-03-13-13	Delaware State University	LEND Program-Social Work Sub-Award	\$95,511	\$0	\$0			
18	2021-03-13-14	Delaware State University	Delaware Integrated Behavioral Health Program	\$1,920,000	\$0	\$0			
19	2021-03-13-15	Delaware State University	The Delaware Mid-Atlantic Data Science Corps (DaMADScientistCorps)	\$299,945	\$0	\$0			
20	2021-03-13-16	Delaware State University	Using Time-Dependent Stress Effects to Identify Mechanisms Through Which Trauma Leads to Persistent Fear Memory	\$56,327	\$0	\$0			
21	2021-03-13-17	Delaware State University	Advancing Future Food Scientists Through Summer Programs	\$149,911	\$0	\$0			
22	2021-03-13-18	Delaware State University	Increase in the Supply of Globally Trained Degree Recipients in the FANRHS Disciplines: Enhancing Global	\$71,998	\$0	\$0			
23	2021-03-06-01	University of Delaware	EAGER: SAI: An Integrated Sociotechnical Approach to Plan for the Infrastructure of Emerging Mobility Systems	\$198,331	\$0	\$0			

24	2021-03-06-02	University of Delaware	Millimeter Wave Imaging With Photonic Integrated Circuits (MIPICS)	\$563,114	\$0	\$0
25	2021-03-06-03	University of Delaware	The Neurological Effect of COVID-19: Does the Virus Impact Concussion Recovery	\$0	\$0	\$52,869
26	2021-03-06-04	University of Delaware	Training Probation Officers in Mental Health First Aid: An Evidence-Based Approach to Improving Outcomes for Officers and Individuals Under Supervision	\$344,283	\$0	\$0
27	2021-03-06-05	University of Delaware	Re/Cover Textiles: Development of Innovative Textile Upcycling Waste to Value Process Platform Through Participatory Community-Research Partnership	\$18,688	\$0	\$0
28	2021-03-06-06	University of Delaware	Planet Validation Software	\$307,202	\$0	\$0
29	2021-03-06-07	University of Delaware	COHSTAR Faculty Fellowship	\$0	\$0	\$149,583
30	2021-03-06-08	University of Delaware	Quantifying the Influence of Tumor-Derived Extracellular Vesicles on Circulating Tumor Cell Extravasation	\$1,250,002	\$0	\$0
31	2021-03-06-09	University of Delaware	Parkinson's Disease Telehealth Clinic 2021	\$0	\$0	\$25,025
32	2021-03-06-10	University of Delaware	Coupled Multi-Process Research for Reducing Landfill Emissions	\$0	\$0	\$37,156
33	2021-03-06-11	University of Delaware	Classification of Ultra-High-Energy Cosmic Rays With Neural Networks	\$135,000	\$0	\$0
34	2021-03-06-12	University of Delaware	Collaborative Research: SHF: Small: Conversational Search Assistants for Software Developers	\$164,994	\$0	\$0
35	2021-03-06-13	University of Delaware	Western States Leadership Institute on Developmental Disabilities	\$0	\$0	\$227,898
36	2021-03-06-14	University of Delaware	PREM: Soft Matter Research & Technology and Quantum Confined Materials Design (SMaRT QD)	\$0	\$0	\$481,540
37	2021-03-06-15	University of Delaware	NASA Delaware Space Grant College and Fellowship Program Years 2-4 Augmentation 2	\$90,000	\$0	\$0
38	2021-03-06-16	University of Delaware	Planning Grant: Engineering Research Center for Smart Wearables Engineered for Athletics and Rehabilitation (HensWEAR)	\$62,500	\$0	\$0
39	2021-03-06-17	University of Delaware	Deciphering the Origin and Dynamics of Carolina Bays	\$348,205	\$0	\$0
40	2021-03-06-18	University of Delaware	Collaborative Research: EAGER: QIA: Large Scale QAOA Quantum Simulator	\$68,173	\$0	\$0
41	2021-03-06-19	University of Delaware	Estuarine Circulation Controls on Fate and Transport of Marine Debris: A Case Study in Delaware Bay	\$198,031	\$0	\$0
42	2021-03-06-20	University of Delaware	UMCES/NOAA RISA: Mid-Atlantic Center for Climate Assessment and Policy	\$0	\$0	\$187,467
43	2021-03-06-21	University of Delaware	Knowledge Discovery and Machine Learning to Elucidate the Mechanisms of HIV Activity and Interaction With Substance Use Disorder	\$0	\$0	\$739,574
44	2021-03-06-22	University of Delaware	Elucidating and Controlling Ion Mobility at the Nanoscale in Block Polymer Electrolytes Joint Experiment and Modeling Effort in Manipulating Ion Conduction	\$261,392	\$0	\$0
45	2021-03-06-23	University of Delaware	Development and Feasibility Study of FITI (Family & Individuals Transition Intervention): An Online Psychoeducation Program for Families and Transitioning-Age Youth (TAY) With Autism	\$0	\$0	\$27,398
46	2021-03-06-24	University of Delaware	Investigating Autophagic Degradation of A-Synuclein Through Noncanonical Polyubiquitination	\$275,000	\$0	\$0
47	2021-03-06-25	University of Delaware	Building Bridges to Resilience Data and Tools	\$7,918	\$0	\$0
48	2021-03-06-26	University of Delaware	Acquisition of Goods and Services	\$4,545	\$0	\$0
49	2021-03-06-27	University of Delaware	Elucidating Molecular Mechanisms of Sudden Cardiac Death Dilated Cardiomyopathy	\$0	\$0	\$150,000

50	2021-03-06-28	University of Delaware	Measurements of d13C-Dic on Board Go-Ship Cruises in the South Atlantic Ocean to Enhance our Ability to Quantify Anthropogenic Co2 Uptake and Storage Rates by the Ocean	\$446,645	\$0	\$0
51	2021-03-06-29	University of Delaware	Embedding Targeted Self-Healing Microcapsules in Additive Manufacturing to Improve Damage Tolerance	\$249,150	\$0	\$0
52	2021-03-06-30	University of Delaware	Collaborative Research: Impacts of Surface Ocean Surfactant Sources and Transformations on Their Chemical Composition and Air-Sea Relevant Properties	\$291,879	\$0	\$0
53	2021-03-06-31	University of Delaware	CAREER: Investigating Backward Transfer Effects in the Context of Instructional Activities About Linear and Quadratic Functions	\$25,781	\$0	\$0
54	2021-03-06-32	University of Delaware	DISCOVER: Dynamic Human Identification System Mitigating COVariate Effects in Real-Time	\$0	\$0	\$246,950
55	2021-03-06-33	University of Delaware	Spatiotemporal Control of Cellular Fate by Micromotors	\$275,000	\$0	\$0
56	2021-03-06-34	University of Delaware	STTR Phase I Scalable TUFF Recycling With Aerospace Performance	\$0	\$0	\$43,750
57	2021-03-06-35	University of Delaware	High-Frequency Data Integration for Landscape Model Calibration of Carbon Fluxes Across Diverse Tidal Marshes	\$0	\$0	\$72,544
58	2021-03-06-36	University of Delaware	CSGrad4CS Mentoring Program	\$0	\$0	\$32,249
59	2021-03-06-37	University of Delaware	SCH: Cooperative Learning for Individualized, Contextual, Just-In-time Natural Language Interventions to Motivate and Reinforce Heart Health	\$782,936	\$0	\$0
60	2021-03-06-38	University of Delaware	Next Generation Hybrid Conformable Heterojunction Solar Cells	\$196,544	\$0	\$0
61	2021-03-06-39	University of Delaware	Collaborative Research: Understanding What Limits Sedimentary Microbes: Interrogating the Nutrient Balance of the Subsurface	\$482,456	\$0	\$0
62	2021-03-06-40	University of Delaware	Delaware LEND Program 2021-2026	\$2,691,982	\$0	\$0
63	2021-03-06-41	University of Delaware	Examining the Feasibility of Implementing a Hypertension Storytelling Among African Americans With Hypertension Health Coach-Led Storytelling Intervention for African Americans With Hypertension	\$450,000	\$0	\$0
64	2021-03-06-42	University of Delaware	Using Time-Dependent Stress Effects to Identify Mechanisms Through Which Trauma Leads to Persistent Fear Memory	\$299,942	\$0	\$0
65	2021-03-06-43	University of Delaware	KPI and CPPPH Memorandum of Understanding	\$0	\$0	\$208,800
66	2021-03-06-44	University of Delaware	Wafer-Scale Growth of Site-Determined Wavelength-Tunable Quantum Emitters in Atomically Thin (2D) Semiconductors	\$0	\$0	\$95,000
67	2021-03-06-45	University of Delaware	Collaborative: Revealing the Mechanisms Controlling Maternal-Specific SIRNAS Using Single-Molecule Microscopy	\$641,680	\$0	\$0
68	2021-03-06-46	University of Delaware	Collaborative Research: HDR DSC: Delaware and Mid-Atlantic Data Science Corps	\$1,177,430	\$0	\$0
69	2021-03-06-47	University of Delaware	On the Influence of Complex Topography Upon Geophysical Flow Patterns	\$436,513	\$0	\$0
70	2021-03-06-48	University of Delaware	Collaborative Research: A Sensor Network for Boundary Mixing	\$713,773	\$0	\$0
71	2021-03-06-49	University of Delaware	Predictive Novel Kinase-Substrate Interactions Using Graph Representation Learning	\$0	\$0	\$1,000
72	2021-03-06-50	University of Delaware	Planning Grant: Engineering Research Center for Rapid Evaluation of Coastal Ocean and Nearshore - RECON	\$62,233	\$0	\$0
73	2021-03-06-51	University of Delaware	Collaborative Research: Swash Zone Dynamics Driven by Obliquely Incident Waves	\$261,428	\$0	\$0
74	2021-03-06-52	University of Delaware	The Heated Wind and Wave-Driven Ocean Surface Boundary Layer	\$257,277	\$0	\$0
75	2021-03-06-53	University of Delaware	SSC-IRG Track 1: A Sociotechnical System Framework to Enhance the Safety, Equity, Accessibility, and Acceptance of Emerging Mobility Systems	\$1,243,300	\$0	\$0



76	2021-03-06-54	University of Delaware	Designed Peptide Building Blocks for Polymerization and Hierarchal Self-Assembly	\$549,747	\$0	\$0
77	2021-03-06-55	University of Delaware	Cybersecurity Certificate Schedule	\$0	\$0	\$151,414
78	2021-03-06-56	University of Delaware	Improving Inland-Coastal Compound Flooding Forecasting System Through Long-Term Reanalysis	\$0	\$0	\$23,437
79	2021-03-06-57	University of Delaware	Evaluation of FHB Management Strategies in Delaware Following the MGMT Coordinated Projects Standard Protocol - YEAR 2	\$19,415	\$0	\$0
80	2021-03-06-58	University of Delaware	COVID-19 Impact on Future Financial Planning for People With Disabilities and Their Families	\$0	\$0	\$50,000
81	2021-03-06-59	University of Delaware	Statistical Characterization of Ion Scale and Sub-Ion Scale Intermittency, Anisotropy and Energy Dissipation in Collisionless Space Plasma	\$470,520	\$0	\$0
82	2021-03-06-60	University of Delaware	Management and Operations of the IceCube Neutrino Observatory 2016-2021	\$0	\$0	\$50,319
83	2021-03-06-61	University of Delaware	Programmable Differentiation of Fine-Grain Organoid Structures Via Microrobot Guidance	\$357,650	\$0	\$0
84	2021-03-06-62	University of Delaware	Investigating Metabolic Drivers of Prostate Cancer	\$100,000	\$0	\$0
85	2021-03-06-63	University of Delaware	An Integrated Policy Approach to Supporting Seafood Industries and Coastal Communities Facing Climate Change and Other Socio-Environmental Stressors (PoliSea)	\$0	\$0	\$41,797
86	2021-03-06-64	University of Delaware	The Influence of Structure and Turbulence on Solar-Heliospheric Connections - Improved Magnetohydrodynamic Modeling With Data-Driven Subgridscale Effects	\$430,837	\$0	\$0
87	2021-03-06-65	University of Delaware	Heating, Acceleration, and Diffusion in the Outer Heliosphere: Self-Consistent Solar Wind Modeling With Turbulence Transport, Eddy Viscosity, and Pickup Ions	\$391,546	\$0	\$0
88	2021-03-06-66	University of Delaware	SBIR Phase I Tool to Predict Transient Spatial-Temporal Boundary Conditions for Processing Autoclave-Cured Composite Parts	\$0	\$0	\$43,750
89	2021-03-06-67	University of Delaware	Cooperative Extension Service Immunization Education	\$0	\$0	\$69,572
90	2021-03-06-68	University of Delaware	U.S. Department of State Funding Opportunity SFOP0005474 FY 2022 Study of the U.S. Institutes for Scholars	\$0	\$0	\$336,927
91	2021-03-06-69	University of Delaware	STTR PHASE I Intelligent Automation for Composite Manufacturing and Assembly	\$0	\$0	\$26,562
92	2021-03-06-70	University of Delaware	Ehealth Psychobehavioral Intervention for Older Cancer Survivors and Partners	\$0	\$0	\$41,079
93	2021-03-06-71	University of Delaware	Effects of Embodied Rhythm Interventions on the Social-Motor, Cognitive-Motor, and Functional Participation Skills of Children With Autism Spectrum Disorder (ASD)	\$3,213,543	\$0	\$0
94	2021-03-06-72	University of Delaware	Avoiding Blind-Spots and Bias Due to Incomplete Data With Machine Learning	\$0	\$0	\$49,990
95	2021-03-06-73	University of Delaware	An Innovative Sub-mmWAVE/THz Noise Chip Using PIC Technology	\$0	\$0	\$137,360
96	2021-03-06-74	University of Delaware	NRT- HDR: Computing and Data Science Training for Materials Innovation, Discovery, Analytics (NRT-HDR: CDST-MIDAS)	\$1,965,797	\$0	\$0
97	2021-03-06-75	University of Delaware	Collaborative Research: URoL:MIM: Leveraging the Past for a Healthier Tomorrow? Rules of Recovery for Ancient Microbiome and Their Functions From Buried, Relict Soils	\$175,802	\$0	\$0
98	2021-03-06-76	University of Delaware	Next Gen Biochar: Enhancing Crop Yield, Optimizing Phosphorus Sorption, and Maximizing Carbon Sequestration	\$0	\$0	\$355,370
99	2021-03-06-77	University of Delaware	Evaluation of an Ehealth Self-Management System to Reduce Depression and Anxiety in Older Adults During and After the COVID-19 Pandemic	\$2,249,860	\$0	\$0
100	2021-03-06-78	University of Delaware	Validation of a Hydrogel-Based, In Vitro Breast Cancer Dormancy Model	\$900,001	\$0	\$0
101	2021-03-06-79	University of Delaware	Chesapeake Bay Environmental Forecasting System: Accelerating the Transition of HAB and Pathogen Models From Research to Operations	\$0	\$0	\$70,525

102	2021-03-06-80	University of Delaware	Bacterial Peptidoglycan Probes as Tools to Define the Rules of Life for Microbiome-Brain Interactions.	\$2,146,060	\$0	\$0
103	2021-03-06-81	University of Delaware	MIM: Understanding the Rules of Marine CPR Bacteria: Discovery, Function and Evolution	\$1,636,565	\$0	\$0
104	2021-03-06-82	University of Delaware	Collaborative Research: SaTC: CORE: SMALL: Designing Cooperative Mechanisms for Cyber-Insurance	\$255,338	\$0	\$0
105	2021-03-06-83	University of Delaware	SEL Navigator: The Design and Development of a Telemetric Social Emotional Learning Dashboard	\$1,256,475	\$0	\$0
106	2021-03-06-84	University of Delaware	Pain and Motor Learning in Older Adults	\$2,165,706	\$0	\$0
107	2021-03-06-85	University of Delaware	Cardiovascular Consequences of Duchenne and Becker Muscular Dystrophinopathies	\$2,325,266	\$0	\$0
108	2021-03-06-86	University of Delaware	Phase II of Business Plan Development Supporting Implementation of a Water Fund to Restore Brandywine-Christina Watershed to a Fishable, Swimmable, Potable Status	\$0	\$0	\$27,650
109	2021-03-06-87	University of Delaware	Magnonic Interferometry	\$0	\$0	\$10,000
110	2021-03-06-88	University of Delaware	Free Trade Agreements and Trade Preference Programs: Impact on the Apparel Sector	\$0	\$0	\$16,000
111	2021-03-06-89	University of Delaware	Dark Photovoltaic Cells for Space Power Generation	\$0	\$0	\$126,188
112	2021-03-06-90	University of Delaware	Reliability Evaluation of the Integrated Photonic Receiver Subsystems With All-Optical Signal Processors	\$68,331	\$0	\$0
113	2021-03-06-91	University of Delaware	Collaborative Research: A Robust Causality Measure for Testing Individual Variability in Neural Signal Propagation Supplement	\$41,000	\$0	\$0
114	2021-03-06-92	University of Delaware	Shanghai Sonatas - A World Premiere	\$72,254	\$0	\$0
115	2021-03-06-93	University of Delaware	StiMote: An Ultrasmall, Modular Neurophotonic Stimulator	\$0	\$0	\$75,709
116	2021-03-06-94	University of Delaware	Early Intervention for Cognitive Decline (ENCODE): A Phase I Tele-Therapy Study to Reduce Risk of Alzheimer's Disease Dementia	\$1,699,987	\$0	\$0
117	2021-03-06-95	University of Delaware	Lightweight Robust Systems for Floating Photovoltaics	\$0	\$0	\$44,044
118	2021-03-06-96	University of Delaware	Sustainable Egg Production Systems in the United States	\$0	\$0	\$167,507
119	2021-03-06-97	University of Delaware	REU Supplement: Designing Biomaterials Through Manipulation of Phase Behavior in a Class of Intrinsically Disordered Proteins	\$8,500	\$0	\$0
120	2021-03-06-98	University of Delaware	NRT-QL: Convergent Graduate Degree Program in Quantum Science and Engineering	\$2,517,639	\$0	\$0
121	2021-03-06-99	University of Delaware	Building the Knowledge Base for Research Brokerage in Education	\$0	\$0	\$34,976
122	2021-03-07-01	University of Delaware	Sex-Specific Differences in Meiosis	\$1,250,000	\$0	\$0
123	2021-03-07-02	University of Delaware	ABC Dissemination Training 2021	\$0	\$0	\$4,630
124	2021-03-07-03	University of Delaware	Exploring Governance Dynamics for Sustainable Energy Transitions in Overseas Island Jurisdictions: The Case of Martinique in the Caribbean	\$0	\$0	\$10,000
125	2021-03-07-04	University of Delaware	Towards Design of an Engineered Plant Growth Promoting Rhizobacterium (PGPR) for Controlled Release in the Rhizosphere	\$349,994	\$0	\$0
126	2021-03-07-05	University of Delaware	Quality or Compliance: Principal Perceptions of a PSEL-Based Evaluation System	\$0	\$0	\$49,999
127	2021-03-07-06	University of Delaware	Precast Design Studio at the University of Delaware	\$0	\$0	\$90,909
128	2021-03-07-07	University of Delaware	An Integrated Platform for the Simulation and Optimization of High-Performance Off-Road Vehicle Mobility	\$0	\$0	\$268,792

129	2021-03-07-08	University of Delaware	ABC Dissemination Training	\$0	\$0	\$19,443
130	2021-03-07-09	University of Delaware	Interstellar Mapping and Acceleration Probe (IMAP)	\$0	\$0	\$21,877
131	2021-03-07-10	University of Delaware	EarthCube Capabilities: Novel Machine Learning Tools for Incorporating Human Systems in Long-Term Predictive Earth System Modeling	\$264,898	\$0	\$0
132	2021-03-07-11	University of Delaware	3D Printed Multiscale Carbon Monolith Catalyst: Closing the Loop Between Simulation and Experiment	\$0	\$0	\$110,000
133	2021-03-07-12	University of Delaware	Gospel of Thomas, LLC, Hidden Images, Symbols & Inscriptions: Viewing Basquiat's	\$0	\$0	\$35,000
134	2021-03-07-13	University of Delaware	Mid-Scale RI-2 Consortium: New Technologies to Reveal the Fast Changing Universe	\$0	\$0	\$364,460
135	2021-03-07-14	University of Delaware	Creating New Tactile Sensations for Tactile Aids With Designer Materials	\$1,358,165	\$0	\$0
136	2021-03-07-15	University of Delaware	HR Competencies for Restaurant Managers Cohort 3	\$0	\$0	\$22,500
137	2021-03-07-16	University of Delaware	High Resolution SWIR E-O Seeker	\$0	\$0	\$41,751
138	2021-03-07-17	University of Delaware	Scaling Up Biochar Applications for Accelerated Stormwater Runoff Reduction in the Chesapeake Bay	\$0	\$0	\$108,278
139	2021-03-07-18	University of Delaware	Collaborative Research: Plastic Contamination in the New Arctic: Atmospheric Transport, Measurement, and Fate in the Natural and Built Environment	\$47,808	\$0	\$0
140	2021-03-07-19	University of Delaware	REU Site: Summer REU Program in Marine Science at the University of Delaware	\$477,532	\$0	\$0
141	2021-03-07-20	University of Delaware	Effects of Levodopa on Postural Flexibility and Instability in PD	\$0	\$0	\$25,349
142	2021-03-07-21	University of Delaware	Hybrid Architectures of Spin Qubits and Magnonic or Spintronic Systems for Quantum Information Science	\$2,432,149	\$0	\$0
143	2021-03-07-22	University of Delaware	Development and Application of Integrated Reduced-Order Models for Groundwater Level and Saltwater Intrusion in a Changing Climate.	\$0	\$0	\$348,835
144	2021-03-07-23	University of Delaware	Keeping Herbicides on-Target in High-Residue Cover Cropping Systems	\$0	\$0	\$52,484
145	2021-03-07-24	University of Delaware	Digital Twin Development and Implementation for the Continuous Manufacturing of Pharmaceutical Solid Dosage Forms	\$0	\$0	\$357,552
146	2021-03-07-25	University of Delaware	SPARTA - Shifting the Paradigm of Carbon Dynamics in Salt Marshes	\$609,516	\$0	\$0
147	2021-03-07-26	University of Delaware	Turning the Combine From a Weed Seed Spreader Into a Weed Seed Predator	\$0	\$0	\$18,363
148	2021-03-07-27	University of Delaware	Support KIDS COUNT Activities	\$0	\$0	\$86,957
149	2021-03-07-28	University of Delaware	GAANN: Inclusive Teaching in Chemical Engineering (ITCHE) (14.07 Chemical Engineering)	\$913,140	\$0	\$0
150	2021-03-07-29	University of Delaware	Hippocampal-Prefrontal Synchrony in Working Memory	\$1,250,000	\$0	\$0
151	2021-03-07-30	University of Delaware	Pathways to Mental Health Care: Examining the Longitudinal Impact of Stigma Mechanisms on Treatment Engagement in Emerging Adults	\$2,379,273	\$0	\$0
152	2021-03-07-31	University of Delaware	Building District Capacity for Environmental Literacy and MWEEs in Delaware	\$281,248	\$0	\$0
153	2021-03-07-32	University of Delaware	Novel Swellable Lonomers for Enhanced PFAS Sorption and Destruction	\$0	\$0	\$88,929

Updated 3/10/2021

**Delaware State Clearinghouse Committee**  
**March Emergency Agenda**  
**Meeting to be Held via WebEx**  
**WebEx Meeting Information/Instructions Attached**  
**March 31, 2021 @ 9:30am**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">4841</a>	Department of Education, Student Support	Elementary and Secondary School Emergency Relief Fund American Rescue Plan COVID-19	\$410,733,965	\$0	\$0	0.00	0.00	0.00

**Delaware State Clearinghouse Committee**  
**Revised April Agenda**  
**Meeting to be Held via WebEx**  
**WebEx Meeting Information/Instructions Attached**  
**April 20, 2021 @ 10:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">4881</a>	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children - CRRSA COVID-19	\$8,798,788	\$0	\$0	3.38	0.00	0.00
2	<a href="#">4811</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title VII - Long Term Care Ombudsman Program - CRSSA COVID-19	\$20,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">4813</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title VII - Elder Abuse Prevention - CRSSA COVID-19	\$704,100	\$0	\$0	0.00	0.00	0.00
4	<a href="#">4864</a>	Department of Health and Social Services, Substance Abuse and Mental Health	Substance Abuse Prevention & Treatment Services - CRSSA COVID-19	\$6,530,972	\$0	\$0	0.00	0.00	0.00
5	<a href="#">4865</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant - CRRSA COVID-19	\$1,925,871	\$0	\$0	0.00	0.00	0.00
6	<a href="#">2021-02-09-01</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	988 National Suicide Prevention Lifeline	\$0	\$0	\$130,000	0.00	0.00	1.05
7	<a href="#">4798</a>	Department of Natural Resources, Office of Environmental Protection, Climate, Coastal, and Energy	Natural Estuarine Research Reserve John Dickinson Trail Construction	\$100,000	\$42,857	\$0	0.00	0.00	0.00
8	<a href="#">4847</a>	Department of Transportation, Office of the Secretary, Finance Division	Integrating Microtransit into Rural Transit	\$317,692	\$136,154	\$0	0.00	0.00	0.00
9	<a href="#">4849</a>	Department of Transportation, Office of the Secretary, Finance Division	Research and Development Bus Barrier Testing and Studying of Protective Barriers	\$450,000	\$50,000	\$0	0.00	0.00	0.00
10	<a href="#">4880</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Lab Capacity Reopening Schools - CRRSA COVID-19	\$29,329,294	\$0	\$0	3.40	0.00	0.00

**American Rescue Plan (ARP) Act, 2021**

**Estimated Allocation**

1	TBD	Executive, Office of Management and Budget	Coronavirus State Fiscal Recovery Fund - ARP Act COVID-19	\$913,400,000
2		Delaware Counties Direct Payments	Coronavirus Local Fiscal Recovery Fund Delaware Counties Allocation- ARP Act COVID-19	\$188,700,000
3		Metro/urban Cities in Delaware Direct Payments	Coronavirus Local Fiscal Recovery Fund Metro/urban Cities Allocation - ARP Act COVID-19	\$62,180,000
4	<a href="#">2021-03-31-01</a>	Office of the State Treasurer	Coronavirus Local Fiscal Recovery Fund Non-entitlement Units of Local Government Allocation - ARP Act COVID-19	\$85,600,000
5	TBD	Executive, Office of Management and Budget	Coronavirus Capital Projects Fund - ARP Act COVID-19	\$112,100,000

**DSCC Approved January 19, 2021 - Follow Up with SAI Numbers**

**Partial Award**

Total Estimated ELC Program Allocation \$184,326,899									
1	<a href="#">4858</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Lab Capacity Advanced Molecular Detection - CRRSA COVID-19	\$131,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">4860</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Lab Capacity Laboratory Response Network - CRRSA COVID-19	\$515,000	\$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>

3	<a href="#">4861</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Lab Capacity Travelers Health - CRRSA COVID-19	\$200,000	\$0	\$0	0.00	0.00	0.00
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#### Continued

1	<a href="#">4749</a>	Department of Health and Social Services, Public Health, Community Health	Improving the Health of Americans through Prevention	\$1,888,596	\$0	\$0	5.05	0.00	0.00
2	<a href="#">4791</a>	Department of Health and Social Services, Public Health, Community Health	National Cancer Prevention and Control Program	\$2,114,523	\$828,275	\$0	10.80	1.55	0.00
3	<a href="#">4801</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Shellfish Sanitation Grant	\$3,968	\$12	\$0	0.00	0.00	0.00
4	<a href="#">2511 Amendment</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Energy and Climate	Clean Cities Coalition Programmatic Support	\$20,000	\$0	\$0	0.00	0.00	0.00
5	<a href="#">3037 Amendment</a>	Department of Natural Resources, Office of Environmental Protection, Climate, Coastal, and Energy	Weatherization Assistance Program	\$783,257	\$0	\$0	0.00	0.00	0.00
6	<a href="#">4096 Amendment</a>	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	\$5,072	\$0	\$0	0.04	0.00	0.00
7	<a href="#">4804</a>	Department of Safety and Homeland Security, State Police, Executive	Asset Forfeiture - Justice	\$3,000,000	\$0	\$0	0.00	0.00	0.00
8	<a href="#">4805</a>	Department of Safety and Homeland Security, State Police, Executive	Asset Forfeiture - Treasury	\$1,000,000	\$0	\$0	0.00	0.00	0.00
9	<a href="#">4808</a>	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	\$529,181	\$0	\$0	7.00	0.00	0.00
10	<a href="#">4346 Amendment</a>	Department of Labor, Employment Training, Employment and Training Services	Work Opportunity Tax Credit	\$100,000	\$0	\$0	0.10	0.00	0.00
11	<a href="#">4799</a>	Department of Agriculture, Plant Industries	Farm Bill-National Honeybee Survey	\$13,800	\$0	\$0	0.00	0.00	0.00
12	<a href="#">4814</a>	Department of Education	Migrant Education Program Consortium Incentive	\$118,576	\$0	\$0	0.00	0.00	0.00

#### Higher Education

1	4807	Delaware Technical Community College	Centers for Excellence for Veteran Student Success	\$411,200	\$0	\$0			
2	4653 Amendment	Delaware Technical Community College	Higher Education Education Relief Fund Strengthening Institutions Programs - CARES Act COVID19	\$793,310	\$0	\$0			
3	2021-04-10-01	Delaware State University	Building Entrepreneurial Ecosystems in HBCU's: An Institutional Analysis	\$112,530	\$0	\$0			
4	2021-04-10-02	Delaware State University	Supplement for NSF EiR Grant	\$22,000	\$0	\$0			
5	2021-04-10-03	Delaware State University	Understanding How Adolescent Bullying Experiences Affect Traumatic Stress, Sexual	\$116,799	\$0	\$0			
6	2021-04-10-04	Delaware State University	Pharmacological and Molecular interventions in Modulating Synaptic Dopamine	\$116,797	\$0	\$0			
7	2021-04-10-05	Delaware State University	Bycatch Reduction of Modified Large Mesh Sink-Gillnets in the Atlantic Monkfish Fishery	\$233,677	\$0	\$0			
8	2021-04-10-06	Delaware State University	Prevention of Alpha-Synuclein DeSUMOylation as a Parkinson's Therapeutic Target	\$80,000	\$0	\$0			
9	2021-04-10-07	Delaware State University	UCLA-DSU Summer Experience in Neuroscience Program	\$170,119	\$0	\$0			
10	2021-04-10-08	Delaware State University	Characteristics of Blood Oxygenation and the Predisposition of Hypoxia in Sickle Cell Trait Athletes During Submaximal Exercise	\$106,742	\$0	\$0			

11	2021-04-10-09	Delaware State University	FarmMore: An Interdisciplinary Program to Motivate and Educate for Achievement	\$28,000	\$0	\$0
12	2021-04-10-10	Delaware State University	Acquisition of Shared Use BDW80 Growth Room for Plant Science Research	\$22,862	\$0	\$0
13	2021-04-10-11	Delaware State University	Delaware EIP Extension Implementation Project: 2021-2024	\$57,273	\$0	\$0
14	2021-04-10-12	Delaware State University	Bridging the HBCU Gap in International Criminal Justice Studies: Legal Socialization and Criminal Justice Legitimacy in Morocco	\$336,264	\$0	\$0
15	2021-04-10-13	Delaware State University	Applying Mindfulness Based Interventions on Campus Increasing Emotion Regulation	\$79,972	\$0	\$0
16	2021-04-10-14	Delaware State University	Impact of Antibiotics Occurrence on Biological Degradation of Pesticides in Soil.	\$21,900	\$0	\$0
17	2021-04-10-15	Delaware State University	Towards Precision Medicine in Infantile Epilepsy	\$116,799	\$0	\$0
18	2021-04-03-01	University of Delaware	Bacterial Utilization of the Organosulfur Compound Dimethylsulfoniopropionate (DMSP) as an Abiotic Stress Protectant	\$638,468	\$0	\$0
19	2021-04-03-02	University of Delaware	CPS: Small: Separation of Learning and Control for Cyber-Physical Systems	\$329,968	\$0	\$0
20	2021-04-03-03	University of Delaware	UniProt: A Protein Sequence and Function Resource for Biomedical Science	\$0	\$0	\$87,484
21	2021-04-03-04	University of Delaware	CDS/IOWA/ARMY TRL7S Services Agreement	\$0	\$0	\$269,459
22	2021-04-03-05	University of Delaware	The Role of Nurse Practitioners in Reducing Health Disparities Within Primary Care	\$0	\$0	\$87,903
23	2021-04-03-06	University of Delaware	RAPID: Automated Discovery of COVID-19 Related Hypotheses Using Publicly Available Scientific Literature	\$70,915	\$0	\$0
24	2021-04-03-07	University of Delaware	Maternal Age, Biological Age, and Diabetes Risk: Genetic and Epigenetic Associations	\$242,471	\$0	\$0
25	2021-04-03-08	University of Delaware	Advanced 3D Printing Technology for Manufacturing Extreme Fast Charging and Energy Dense Lithium-Ion Battery	\$0	\$0	\$65,296
26	2021-04-03-09	University of Delaware	Development and Assessment of a Sustainable Industrial Hemp Feedstock for the Bioeconomy	\$0	\$0	\$838,457
27	2021-04-03-10	University of Delaware	The Effects of Sodium on Mitochondrial Function of Endothelial Cells	\$0	\$0	\$1,000
28	2021-04-03-11	University of Delaware	Integrative Data Analysis to Identify Persistent Post-Concussion Deficits and Subsequent Musculoskeletal Injury Risk	\$275,000	\$0	\$0
29	2021-04-03-12	University of Delaware	Parcells Lab HVT Project - Recombinant Infectious Clone Selection and Vaccine Assessment	\$0	\$0	\$92,242
30	2021-04-03-13	University of Delaware	Predict the Targeted Delivery Efficiency of Dry Powders in Small Airways Using a CFD-DEM Based Disease-Specific Elastic Multi-Path Whole-Lung Model	\$0	\$0	\$32,397
31	2021-04-03-14	University of Delaware	Toward Net Zero Emissions Through Re-Optimized Systems (T-NetZEROS)	\$0	\$0	\$557,124
32	2021-04-03-15	University of Delaware	Collaborative Research: CPS: Small: Towards Scalable and Self-Improving Industrial Wireless Control Systems	\$163,342	\$0	\$0
33	2021-04-03-16	University of Delaware	End-to-End Multimodal Landscape Reconstruction and AR Representation for Situational Awareness and Decision Making	\$648,277	\$0	\$0
34	2021-04-03-17	University of Delaware	Frequency Dependence of Geoacoustic Properties in Marine Sediments	\$375,712	\$0	\$0
35	2021-04-03-18	University of Delaware	Graduate Training Program in Computational Biology, Bioinformatics and Biomedical Data Science (CBB)	\$1,840,800	\$0	\$0
36	2021-04-03-19	University of Delaware	Foxe3 and Single Cell RNA-Seq in the Developing Eye and Lens	\$0	\$0	\$80,450

37	2021-04-03-20	University of Delaware	Embedding Bio-Sentinels in the Indoor Microbiome to Remediate Airborne Threats	\$583,070	\$0	\$0
38	2021-04-03-21	University of Delaware	Whole Organ Culture System to Identify the Role of Actin Regulatory Molecules in EMT Initiation	\$0	\$0	\$1,000
39	2021-04-03-22	University of Delaware	Sustainable Aquaculture Production of High Omega-3-Containing-Fish Using a Novel Feed Additive (Hemp)	\$0	\$0	\$236,597
40	2021-04-03-23	University of Delaware	Perceptual Learning and Memory Consolidation in Adults With and Without Language Impairment	\$24,760	\$0	\$0
41	2021-04-03-24	University of Delaware	Improving STEM Outcomes for Young Children With Language Learning Disabilities by Intervening at the Intersection of Language and Scientific Thought	\$0	\$0	\$30,039
42	2021-04-03-25	University of Delaware	EDGE FGT: Establishing Functional Genomics in Anaerobic Fungi for Applications in Agriculture, Sustainability, and Carbon Cycling	\$485,404	\$0	\$0
43	2021-04-03-26	University of Delaware	Collaborative Research: Stemflow and Solute Transport Across Spatial Scales: From Fine-Grained Representation to Stand Structure	\$173,446	\$0	\$0
44	2021-04-03-27	University of Delaware	Assistant Principal Leadership Development	\$0	\$0	\$80,612
45	2021-04-03-28	University of Delaware	Extending Integrated Pest Management Knowledge and Practice to Delaware Stakeholders	\$869,581	\$0	\$0
46	2021-04-03-29	University of Delaware	Improving Professional Development in Mathematics by Understanding the Mechanisms That Translate Teacher Learning Into Student Learning	\$2,652,766	\$0	\$0
47	2021-04-03-30	University of Delaware	EAGER: Investigation of Local Strain and Single Photon Emitters in Two-Dimensional Materials	\$99,758	\$0	\$0
48	2021-04-03-31	University of Delaware	Enhanced Crop Pollination Through Sustainable Management of Honey Bee Queens in Apiculture	\$0	\$0	\$175,006
49	2021-04-03-32	University of Delaware	Acquisition of Orbitrap Quadrupole Mass Spectrometer for Advancing Cross-Disciplinary Research in Agro-Environment and Food Safety	\$499,935	\$0	\$0
50	2021-04-03-33	University of Delaware	Acquisition of a Nuclear Magnetic Resonance Mobile Universal Explorer System (NMR-MOUSE)	\$70,000	\$0	\$0
51	2021-04-03-34	University of Delaware	Collaborative Research: FW-HTF-R: Future Firefighter-in-the-Loop Teleported Search-and-Rescue Via Virtual Reality and Robots	\$37,760	\$0	\$0
52	2021-04-03-35	University of Delaware	NRI: INT: COLLAB: Anthropomorphic Robotic Ankle Prosthesis With Programmable Materials	\$16,000	\$0	\$0
53	2021-04-03-36	University of Delaware	SCN Coalition: Reinforcing and Maintaining Local Efforts and Sustainable Yields	\$0	\$0	\$14,000
54	2021-04-03-37	University of Delaware	Summer Institute for Maximizing Student Diversity in Biostatistics and Data Science	\$1,195,000	\$0	\$0
55	2021-04-03-38	University of Delaware	Low-Cost Composite Parts - Tailorable Feedstock and Forming	\$6,173,100	\$0	\$0
56	2021-04-03-39	University of Delaware	Quality of Life Grant: Special Competition COVID-19: Addressing Social Isolation.	\$0	\$0	\$39,588
57	2021-04-03-40	University of Delaware	Cascade and Heating Rates Over Several PSP Orbits: Convergent Understanding of Observed Solar Wind Dynamical Properties	\$287,252	\$0	\$0
58	2021-04-03-41	University of Delaware	Supporting Teachers to Teach Mathematics Through Problem Posing: An Early-Stage Longitudinal Study	\$1,701,129	\$0	\$0
59	2021-04-03-42	University of Delaware	Root Causes of School Violence: Examining School Disorder, Community Context, and School Shootings	\$0	\$0	\$37,015
60	2021-04-03-43	University of Delaware	University of Delaware Sub-Saharan Africa Women's Leadership	\$0	\$0	\$207,100
61	2021-04-03-44	University of Delaware	ROXSI: Rocky Shores Experiments and Simulations	\$0	\$0	\$831,624
62	2021-04-03-45	University of Delaware	Collaborative Research: EDGE CMT: Detection Of Cell-Autonomous Genetic Regulators Underpinning Rapid Muscle Growth	\$678,534	\$0	\$0



63	2021-04-03-46	University of Delaware	Single Molecule Imaging of Sorting, Transport and Fate of RNA Cargo in the Extracellular Vesicles	\$653,085	\$0	\$0
64	2021-04-03-47	University of Delaware	FW-HTF-R: Collaborative Research: Future of Construction Workplace Health Monitoring Through Holographic Mapping of Physiological Responses	\$132,698	\$0	\$0
65	2021-04-03-48	University of Delaware	Determining the Role of Mechanical Stretch on Ocular Lens Cell Growth Using a Novel Lens Stretching Device	\$0	\$0	\$2,500
66	2021-04-03-49	University of Delaware	ESSIN Task 14 NAEP Validity Studies	\$0	\$0	\$8,696
67	2021-04-03-50	University of Delaware	Valuation Based Network Digital Twin and Automation of Pipeline Data for Predictive Maintenance and Risk Analysis	\$161,958	\$0	\$0
68	2021-04-03-51	University of Delaware	Act Early Ambassador FY21	\$0	\$0	\$3,181
69	2021-04-03-52	University of Delaware	Support National Ocean Acidification Observing Network (NOA-ON) at the Gray's Reef Site	\$149,781	\$0	\$0
70	2021-04-03-53	University of Delaware	STTR Phase I: A High-Throughput Expression System for the Production of HPV Surface Antigens in Virus-Like Particles (VLPs)	\$0	\$0	\$90,000
71	2021-04-03-54	University of Delaware	Pandemic Preparedness in Future Agricultural Leaders Through a One-Health Vision	\$104,420	\$0	\$0
72	2021-04-03-55	University of Delaware	Smart EMILY Technologies for U.S. Marine Surf Zone MCM Missions and Navy and Humanitarian Missions	\$0	\$0	\$322,913
73	2021-04-03-56	University of Delaware	Bycatch Reduction of Modified Large Mesh Sink-Gillnets in the Atlantic Monkfish Fishery	\$0	\$0	\$10,628
74	2021-04-03-57	University of Delaware	Bioinformatics and Biostatistics for Future Agricultural Leaders Through a Collaborative Collegiate Network	\$615,524	\$0	\$0
75	2021-04-03-58	University of Delaware	Service and Maintenance of the Chesapeake Bay Ocean Acidification Mooring: In Support of NOAA Ocean Acidification Program FY21-23	\$191,133	\$0	\$0
76	2021-04-03-59	University of Delaware	Understanding the Efficacy of the Project IGNITE Virtual PLC Model a Randomized Control Trial	\$0	\$0	\$255,510
77	2021-04-03-60	University of Delaware	Biodistribution of Megakaryocyte-Derived Extracellular Vesicles (MkEVs)	\$0	\$0	\$19,687
78	2021-04-03-61	University of Delaware	Synthetic Biology for Recycling Human Waste Into Nutraceuticals and Materials: Closing the Loop for Long-Term Space Travel	\$110,094	\$0	\$0
79	2021-04-03-62	University of Delaware	FW-HTF-P: Collaborative Research: Supporting the Future of Fashion to Reduce Finished-Product Waste	\$15,745	\$0	\$0
80	2021-04-03-63	University of Delaware	Developing a High-Performance Composite Additive Manufacturing (AM) System to Enhance Navy AM Technology Capability	\$337,734	\$0	\$0
81	2021-04-03-64	University of Delaware	HHS DATI FY2021 Delaware Assistive Technology Initiative	\$419,285	\$0	\$0
82	2021-04-03-65	University of Delaware	Procurement Technical Assistance Program Option Period Step 2	\$253,477	\$77,943	\$0
83	2021-04-03-66	University of Delaware	Collaborative Research: Dimensions US-China-South Africa: Establishing Community Assembly Rules of Polar and Alpine Soil Microbiomes	\$335,102	\$0	\$0
84	2021-04-03-67	University of Delaware	Equity Plan Provided for Entire Laurel School District	\$0	\$0	\$23,492
85	2021-04-03-68	University of Delaware	Collaborative Research: FW-HTF-P: Supporting Future Crisis Line Work Through the Inclusive Design of Worker-Facing Tools That Empower Self-Management of Wellbeing and Performance	\$23,125	\$0	\$0
86	2021-04-03-69	University of Delaware	Body Vortex Dynamics and Control for Maneuvering Submarine-Like Bodies	\$377,990	\$0	\$0
87	2021-04-03-70	University of Delaware	Effect of Demographics, Impairment Severity, and COVID-19 on the Treatment Patterns of Children With Autism Spectrum Disorder (ASD): A SPARK Dataset Study	\$64,990	\$0	\$0

88	2021-04-03-71	University of Delaware	Investigation of Two Missing WWII Aircraft in the Baltic Sea, Near Langeland, Denmark	\$0	\$0	\$237,988
89	2021-04-03-72	University of Delaware	Programming Synthetic Auxotrophy to Depend on Breakdown Products of Biodegradable Polymers	\$334,802	\$0	\$0
90	2021-04-03-73	University of Delaware	Context-Aware Machine Learning Algorithms for Efficient and Intelligent Sensing	\$334,805	\$0	\$0
91	2021-04-03-74	University of Delaware	Engineering CO2 Fixation and Chain Elongation in a Clostridium Solventogen for Metabolite Production From CO2 and Sugars	\$1,059,358	\$0	\$0
92	2021-04-03-75	University of Delaware	An Aquaponics Food Safety, Nutrition, and Sustainability Decision-Making Framework	\$0	\$0	\$306,311
93	2021-04-03-76	University of Delaware	Feasibility Assessment and Preliminary Design of a Low Cost, Modular Concrete, Suction Pile Support Structure and Heavy Lift Vessel Alternative	\$0	\$0	\$9,375
94	2021-04-03-77	University of Delaware	Modeling Prevalence of SARS-CoV2 Variants in the University Campus Environment	\$499,999	\$0	\$0
95	2021-04-03-78	University of Delaware	Sustainable Routes to Polyurethane Generation	\$0	\$0	\$31,250
96	2021-04-03-79	University of Delaware	Collaborative Research: Leveraging Simulations in Preservice Preparation to Improve Mathematics Teaching for Students With Disabilities	\$0	\$0	\$75,159
97	2021-04-03-80	University of Delaware	Understanding How Elementary Teachers Take Up Discussion Practices to Promote Disciplinary Learning and Equity.	\$0	\$0	\$41,265
98	2021-04-03-81	University of Delaware	Ultracompact Spectrometers for Infrared Wavelengths	\$257,975	\$0	\$0
99	2021-04-03-82	University of Delaware	Supplement to Harnessing Alkyl Amines and Alkyl Alcohols in Cross-Coupling	\$81,896	\$0	\$0
100	2021-04-03-83	University of Delaware	Central Sodium Sensing in Older Humans: Implications for Blood Pressure Regulation	\$275,000	\$0	\$0
101	2021-04-03-84	University of Delaware	Mechanisms of Central Sodium Sensing and Salt-Sensitive Hypertension	\$200,946	\$0	\$0
102	2021-04-03-85	University of Delaware	Christiana Care Health Care Services Research Amendment 11A	\$0	\$0	\$78,556
103	2021-04-03-86	University of Delaware	Sloan Research Fellowship	\$0	\$0	\$75,000
104	2021-04-03-87	University of Delaware	Uncovering Psychological Barriers That Impede Community Re-entry Following Long-term Incarceration	\$0	\$0	\$20,000
105	2021-04-03-88	University of Delaware	Changes in Access to and Use of Civil Court Services During Covid-19: Implications for Survivors and Community Coordinated Response Systems	\$341,764	\$0	\$0
106	2021-04-03-89	University of Delaware	PRECARE - Platform to Recognize and Evaluate Children for Age-Appropriate Response and Early Detection of Delays	\$0	\$0	\$28,898
107	2021-04-03-90	University of Delaware	Theoretical and Computational Support for the PUNCH Project in Phase B - Extension	\$0	\$0	\$5,880
108	2021-04-03-91	University of Delaware	Sara Parkison DE Sea Grant Knauss Fellowship 2022	\$84,000	\$0	\$0

109	2021-04-03-92	University of Delaware	Intrinsic and Extrinsic Factors of Phagocytosis That Regulate Cell Lifespan	\$402,456	\$0	\$0
110	2021-04-03-93	University of Delaware	Toward Spatial Data Mining Methodologies Which Operate on Point-Wise Functions	\$0	\$0	\$41,327
111	2021-04-03-94	University of Delaware	Christiana Care Health Care Services Research Amendment 11A	\$0	\$0	\$78,556
112	2021-04-03-95	University of Delaware	Katherine Hudson DE Sea Grant Knauss Fellowship 2022	\$84,000	\$0	\$0
113	2021-04-03-96	University of Delaware	Joy Deep Chakrabartty DE Sea Grant Knauss Fellowship 2022	\$84,000	\$0	\$0
114	2021-04-03-97	University of Delaware	Hannah-Marie Garcia DE Sea Grant Knauss Fellowship 2022	\$84,000	\$0	\$0
115	2021-04-03-98	University of Delaware	Farm and Ranch Stress Assistance Network	\$0	\$0	\$6,841
116	2021-04-03-99	University of Delaware	Maryland Developmental Disabilities Council Rebuilding DDA Providers Through Technical Assistance	\$0	\$0	\$136,364
117	2021-04-04-01	University of Delaware	Advancing Healthy Lifestyles: Chronic Disease, Health Equity & COVID-19	\$0	\$0	\$59,382
118	2021-04-04-02	University of Delaware	Bayesian Smart Remote Sensing Parameterization of Riverine Turbulent Flow Mixing: A Probabilistic Graphical Network Approach for Geo-Intelligence Problems	\$0	\$0	\$60,076
119	2021-04-04-03	University of Delaware	An Integrated Experimental and Computational Approach for Continuous Production of Monoclonal Antibodies (MABs)	\$3,136,927	\$0	\$0
120	2021-04-04-04	University of Delaware	Leading for School Improvement Coaches	\$0	\$0	\$363,957
121	2021-04-04-05	University of Delaware	Test and Evaluation for a SLED Array Multispectral Scene Projector	\$0	\$0	\$190,095
122	2021-04-04-06	University of Delaware	A Step-Wise Approach to Fully Utilizing Atlantic Spiny Dogfish ( <i>Squalus Acanthias</i> ) by Examining Potential Product Uses and Market Pathways	\$125,001	\$0	\$0
123	2021-04-04-07	University of Delaware	Weed Identification and Mapping Tools for Accelerating Integrated Weed Management Solutions and Adoption	\$15,000	\$0	\$0
124	2021-04-04-08	University of Delaware	Carbon Footprint Tool	\$0	\$0	\$37,499
125	2021-04-04-09	University of Delaware	CISE-MSI: RCBP-ED: Data Science and Engineering for Agriculture Automation	\$0	\$0	\$18,750

4/13/2021

**Delaware State Clearinghouse Committee**  
**Revised May Agenda**  
**Meeting to be Held via WebEx**  
**WebEx Meeting Information/Instructions Attached**  
**May 18, 2021 @ 9:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">4888</a>	Department of State, Veterans Home	Extended Care Facility Veterans Home - CRRSA COVID-19	\$316,693	\$0	\$0	0.00	0.00	0.00
2	<a href="#">4840</a>	Department of Health and Social Services, Social Services	Supplemental Nutritional Assistance Program Pandemic Electronic Benefits Administration - CRRSA COVID-19	\$1,028,933	\$0	\$0	0.00	0.00	0.00
3	<a href="#">4806</a>	Department of Natural Resources, Office of Natural Resources, Parks and Recreation	Land and Water Conservation Fund Fort Delaware State Park	\$2,448,948	\$2,448,948	\$0	0.00	0.00	0.00
4	<a href="#">4908</a>	Department of Transportation, Office of the Secretary, Finance Division	Operating and Preventative Maintenance 5307-5337 Urban - CRRSA COVID-19	\$16,905,899	\$0	\$0	0.00	0.00	0.00
5	<a href="#">4910</a>	Department of Transportation, Office of the Secretary, Finance Division	Section 5310 Operating Assistance - CRRSA COVID-19	\$158,505	\$0	\$0	0.00	0.00	0.00
6	<a href="#">4914</a>	Department of Transportation, Office of the Secretary, Finance Division	Highway Infrastructure Program - CRRSA COVID-19	\$41,982,429	\$0	\$0	0.00	0.00	0.00
7	<a href="#">4852</a>	Department of Labor, Unemployment Insurance	Pandemic Unemployment Assistance (PUA) Extension - ARP COVID-19	\$100,000	\$0	\$0	0.00	0.00	0.00
8	<a href="#">4853</a>	Department of Labor, Unemployment Insurance	Federal Pandemic Unemployment Compensation (FPUC) Extension - ARP COVID-19	\$50,000	\$0	\$0	0.00	0.00	0.00
9	<a href="#">4854</a>	Department of Labor, Unemployment Insurance	Pandemic Emergency Unemployment Compensation (PEUC) Extension - ARP COVID-19	\$75,000	\$0	\$0	0.00	0.00	0.00
10	<a href="#">4855</a>	Department of Labor, Unemployment Insurance	Mixed Earners Unemployment Compensation (MEUC) - ARP COVID-19	\$50,000	\$0	\$0	0.00	0.00	0.00
11	<a href="#">4913</a>	Department of Education, Student Support	Homeless Elementary and Secondary School Emergency Relief - ARP COVID-19	\$2,690,527	\$0	\$0	0.00	0.00	0.00
12	<a href="#">4915</a>	Department of Education, Office of Early Learning	Early Head Start - ARP COVID-19	\$43,340	\$0	\$0	0.00	0.00	0.00
<b>DSCC Approved January 19, 2021 - Follow Up with SAI Numbers</b>									
1	<a href="#">4831</a>	Department of Labor, Unemployment Insurance	Continued Assistance for Unemployed Workers Federal Pandemic Unemployment Compensation - CRRSA COVID-19	\$100,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">4835</a>	Department of Labor, Unemployment Insurance	Pandemic Unemployment Assistance - CRRSA COVID-19	\$694,788	\$0	\$0	0.00	0.00	0.00
3	<a href="#">4836</a>	Department of Labor, Unemployment Insurance	Pandemic Emergency Unemployment Compensation - CRRSA COVID-19	\$417,235	\$0	\$0	0.00	0.00	0.00
4	<a href="#">4837</a>	Department of Labor, Unemployment Insurance	Mixed Earner Unemployment Compensation - CRRSA COVID-19	\$417,235	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">4829</a>	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Assistance (VOCA) Grant	\$5,315,699	\$0	\$1,262,479	2.90	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>

2	<a href="#">4850</a>	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act (NFSIA) Coverdell	\$264,698	\$0	\$0	0.00	0.00	0.00
3	<a href="#">4822</a>	Department of State, Libraries	Library Services and Technology Act	\$1,207,081	\$633,656	\$0	7.00	8.00	0.00
4	<a href="#">4824</a>	Department of State, Historical and Cultural Affairs, Office of the Director	Historic Preservation Grant-in-Aid	\$584,677	\$389,785	\$0	5.40	4.20	0.00
5	<a href="#">4578</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Employment and Training	\$491,026	\$0	\$0	0.68	0.00	0.00
6	<a href="#">4689</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Supported Employment Services-B	\$21,000	\$2,333	\$0	0.00	0.00	0.00
7	<a href="#">4792</a>	Department of Health and Social Services, Public Health, Community Health	Early Childhood Comprehensive Systems	\$1,275,000	\$49,405	\$0	1.00	0.10	0.00
8	<a href="#">4809</a>	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	\$410,000	\$0	\$0	0.00	0.00	0.00
9	<a href="#">4818</a>	Department of Health and Social Services, Public Health, Community Health	Rural Communities Opioid Response Program-Implementation	\$1,000,000	\$0	\$0	0.75	0.00	0.00
10	<a href="#">4826</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness Cooperative Agreement	\$5,312,726	\$531,273	\$0	24.00	1.54	0.00
11	<a href="#">4828</a>	Department of Health and Social Services, State Service Centers	Community Development Block Grant City of Wilmington - CARES Act COVID-19	\$300,000	\$0	\$0	0.00	0.00	0.00
12	<a href="#">4851</a>	Department of Health and Social Services, Administration, Office of the Secretary	Delaware Health Insurance Individual Market Stabilization	\$28,062,341	\$0	\$0	0.00	0.00	0.00
13	<a href="#">2021-05-04-01</a>	Department of Health and Social Services, Substance Abuse and Mental Health	Transformation Transfer Initiative	\$0	\$0	\$307,500	0.00	0.00	0.00
14	<a href="#">4533 Amendment</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Substance Abuse Prevention and Treatment Block Grant	\$3,867,239	\$0	\$0	0.00	0.00	0.00
15	<a href="#">4600 Amendment</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Substance Abuse Prevention and Treatment Services	\$3,484,372	\$0	\$0	0.00	0.00	0.00
16	<a href="#">4866</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E - Independent Living Program Supplement - CRRSA COVID-19	\$464,109	\$0	\$0	0.00	0.00	0.00
17	<a href="#">4859</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Office of Innovation and Technology	Exchange Network Grant	\$160,517	\$0	\$0	0.00	0.00	0.00
18	<a href="#">4788</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Flood Mitigation Assistance	\$274,600	\$0	\$0	0.00	0.00	0.00
19	<a href="#">4838</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Building Resilient Infrastructure and Communities	\$1,551,799	\$295,433	\$188,500	0.00	0.00	0.00
20	<a href="#">4574 Amendment</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Public Assistance DR-4526 COVID-19	\$109,206,698	-\$16,047,003	\$0	0.00	0.00	0.00
21	<a href="#">4416 Amendment</a>	Department of Labor, Unemployment Insurance	Reemployment and Eligibility Assessment	\$244,893	\$0	\$0	8.58	0.00	0.00
22	<a href="#">4815</a>	Department of Education	Title I Part C Migrant Education	\$446,003	\$0	\$0	1.30	0.00	0.00
23	<a href="#">4817</a>	Department of Education	Title III English Acquisition	\$1,393,972	\$0	\$0	1.10	0.00	0.00
24	<a href="#">4819</a>	Department of Education	Rural and Low Income Schools	\$140,599	\$0	\$0	0.00	0.00	0.00
25	<a href="#">4820</a>	Department of Education	Carl D. Perkins Career and Technical Education	\$5,814,321	\$0	\$0	2.57	0.00	0.00
26	<a href="#">4844</a>	Department of Education	Education for Homeless Children and Youth	\$337,636	\$0	\$0	0.15	0.00	0.00
27	<a href="#">4845</a>	Department of Education	Title IV, Part B - 21st Century Community Learning	\$6,172,398	\$0	\$0	0.80	0.00	0.00

28	<a href="#">4848</a>	Department of Education	Title II Part A Improving Teacher Quality	\$10,298,533	\$0	\$0	2.05	0.00	0.00
29	<a href="#">4862</a>	Department of Education	State Assessment and Related Activities	\$3,578,125	\$0	\$0	2.10	0.00	0.00

#### Higher Education

1	2021-05-15-01	Delaware State University	CISE-MSI:DP:III: Catalyzing Interdisciplinary Data Science Research and Education at HBCUs	\$489,937	\$0	\$0			
2	2021-05-15-02	Delaware State University	Rural Communities Opioid Response Program - Psychostimulant Support	\$500,000	\$0	\$0			
3	2021-05-15-03	Delaware State University	Veterans Business Outreach Center Program	\$400,000	\$0	\$0			
4	2021-05-15-04	Delaware State University	Updated Confocal Microscope in the Imaging Core Facility to Support the Neuroscience Research.	\$296,501	\$0	\$0			
5	2021-05-15-05	Delaware State University	Inhibition of Alpha-Synuclein DeSUMOylation as a Parkinson's Therapeutic Target	\$175,200	\$0	\$0			
6	2021-05-15-06	Delaware State University	Updated Confocal Microscope in the Imaging Core Facility to Support the Neuroscience Research.	\$175,200	\$0	\$0			
7	2021-05-15-07	Delaware State University	HPC Cluster to Strengthen Delaware State Genomics Core Center	\$161,800	\$0	\$0			
8	2021-05-15-08	Delaware State University	DSU Scholars in Physics, Engineering, Mathematics and Computer Science	\$1,497,242	\$0	\$0			
9	2021-05-15-09	Delaware State University	Hydrogen Peroxide Decomposition Assay to Measure Microbial Responses to Two Disinfectant Technologies in a RAS	\$11,731	\$0	\$0			
10	2021-05-15-10	Delaware State University	An Aquaponics Food Safety, Nutrition, and Sustainability Decision-Making Framework	\$499,877	\$0	\$0			
11	2021-05-15-11	Delaware State University	Nanoporous Metal-Organic Framework: Synthesis and Application for Simulated Virus Absorption	\$21,900	\$0	\$0			
12	2021-05-15-12	Delaware State University	RII Track-4: Fabrication of Potentiometric Sensors and Applications for Carbonate Detection in the Ocean.	\$230,895	\$0	\$0			
13	2021-05-15-13	Delaware State University	Center for Defect Engineering in 2D Systems for Photonic and Neuromorphic Devices (2D-SPAND)	\$7,496,513	\$0	\$0			
14	2021-05-08-01	University of Delaware	A Naturalistic Examination of the Listening Environment and its Role on Development	\$0	\$0	\$250,000			
15	2021-05-08-02	University of Delaware	Second Generation and Beyond-Autotrophic Wax Ester Production in Anaerobic Phototrophs	\$1,124,384	\$0	\$0			
16	2021-05-08-03	University of Delaware	HHS New Directions Early Head Start CAA 2021	\$54,342	\$0	\$0			
17	2021-05-08-04	University of Delaware	Understanding the Mechanisms of Negative Emotion Differentiation	\$96,418	\$0	\$0			
18	2021-05-08-05	University of Delaware	Engaging Public Health Perspectives for Translational Microbiome Research	\$0	\$0	\$26,700			
19	2021-05-08-06	University of Delaware	CISS: Collaborative Infrastructure Safety System	\$0	\$0	\$18,747			
20	2021-05-08-07	University of Delaware	Quantifying Communication in the Real World: The Role of Gesture on Speech Fluency	\$0	\$0	\$250,000			
21	2021-05-08-08	University of Delaware	NIH Administrative Supplement Automated Peptide Synthesizer Zhuang	\$69,738	\$0	\$0			
22	2021-05-08-09	University of Delaware	Student Experience with Mobile ID: Investigating How Digital Identification Technologies Reduce User Friction in Online Services	\$0	\$0	\$159,835			
23	2021-05-08-10	University of Delaware	NHERI Computational Modeling and Simulation Center (SimCenter)	\$0	\$0	\$68,426			

24	2021-05-08-11	University of Delaware	Identifying Bilingual Children at Risk for Language Impairment: Evidence from a Response-Speed Judgment Task	\$0	\$0	\$4,500
25	2021-05-08-12	University of Delaware	MARACOOS Support for HF Radar Site Rental	\$0	\$0	\$3,047
26	2021-05-08-13	University of Delaware	Water Leaves a Mark and Nature Records: Contrasting Hydrologic Conditions Associated with Mildams are Imprinted and Archived Through Riparian Isotopic Signatures	\$474,045	\$0	\$0
27	2021-05-08-14	University of Delaware	Discovery of Distributed Pathways for Plastic Conversion in the Yellow Mealworm Microbiome	\$1,086,917	\$0	\$0
28	2021-05-08-15	University of Delaware	TESES: Test Synthesis from Embedded Specifications	\$568,956	\$0	\$0
29	2021-05-08-16	University of Delaware	Efficient Isoprene Production from All Components of Lignocellulose Using Non-Model Yeast	\$758,506	\$0	\$0
30	2021-05-08-17	University of Delaware	Continued Coordination of the Mid-Atlantic Coastal Acidification Network (MACAN)	\$23,438	\$0	\$0
31	2021-05-08-18	University of Delaware	Acquisition of Goods and Service	\$9,091	\$0	\$0
32	2021-05-08-19	University of Delaware	CISE-MSI: DP: III: Catalyzing Interdisciplinary Data Science Research and Education at HBCUs	\$0	\$0	\$62,499
33	2021-05-08-20	University of Delaware	Collaborative Research: Impact of Evaporation and Waves on Groundwater Dynamics in Tidally Influenced Beaches	\$114,379	\$0	\$0
34	2021-05-08-21	University of Delaware	Theoretical and Computational Support for the Punch Project in Phase B - Extension	\$0	\$0	\$11,758
35	2021-05-08-22	University of Delaware	Animal Health and Disease Research Program FY 2021	\$22,840	\$0	\$0
36	2021-05-08-23	University of Delaware	REU Supplement to CPS: Medium: Collaborative Research: Frequency Domain Conversion of Computer Aided Design Files to Enable Encryption, Authentication and Feature Search Function	\$7,800	\$0	\$0
37	2021-05-08-24	University of Delaware	Dataflow Oriented Test Synthesis in Heterogeneous and Distributed Environments	\$586,257	\$0	\$0
38	2021-05-08-25	University of Delaware	Identification and Evaluation of Therapeutic Targets Toward Preventing Late Cancer Recurrence	\$196,753	\$0	\$0
39	2021-05-08-26	University of Delaware	Designer MMP Nanostructures with Logic-Gated Tumor Motility	\$274,998	\$0	\$0
40	2021-05-08-27	University of Delaware	Enabling Plant Natural Product Biosynthesis by Debugging Heterologous Protein Expression in Yeast	\$206,805	\$0	\$0
41	2021-05-08-28	University of Delaware	Novel Model of Tendinosis to Investigate Multiscale Structure and Function of Tendon After Overload	\$196,753	\$0	\$0
42	2021-05-08-29	University of Delaware	Investigating the Role of ECM Stiffness and Renal Interstitial Cell Patterning During Nephron Differentiation in the Embryonic Mouse Kidney	\$0	\$0	\$830,000
43	2021-05-08-30	University of Delaware	2022 East Coast Ocean Acidification (ECOIA) Pre-Cruise Planning	\$71,061	\$0	\$0
44	2021-05-08-31	University of Delaware	Impacts of Pure Salacia on Microbiome Function of Lean and Obese Horses	\$0	\$0	\$40,412
45	2021-05-08-32	University of Delaware	Dissecting the Pathogenesis of Presenilin-2 Mutation in Dilated Cardiomyopathy	\$0	\$0	\$107,806
46	2021-05-08-33	University of Delaware	High Performance W-Band GAN Power Amplifiers for Cloud Doppler Radar Arrays	\$388,846	\$0	\$0
47	2021-05-08-34	University of Delaware	Deterministically-Placed, in Situ Tunable Quantum Emitters in Two-Dimensional Materials	\$1,820,230	\$0	\$0
48	2021-05-08-35	University of Delaware	EVSE Scoping Report - Energy Solutions	\$0	\$0	\$4,675
49	2021-05-08-36	University of Delaware	To Comprehensively Measure the Extent to Which the Consolidation of US Local Television Stations Affects Local News Content at Scale.	\$0	\$0	\$70,000

50	2021-05-08-37	University of Delaware	Acquisition of an Ultraportable Field CO2 Isotope Analyzer and a Soil Gas Flux Chamber for Investigating CO2 Efflux and Stable Carbon Isotopes of CO2 in Carbon Cycling Research	\$96,337	\$0	\$0
51	2021-05-08-38	University of Delaware	A Decision-Support System to Evaluate Groundwater Policies and Protect Nebraska's Water Resources	\$0	\$0	\$32,940
52	2021-05-08-39	University of Delaware	FY 2021 NAHLN Infrastructure Cooperative Agreement	\$120,909	\$0	\$0
53	2021-05-08-40	University of Delaware	Impacts of Pythium Infection on Nutrient Uptake and Season Long Performance of Maize	\$0	\$0	\$13,441
54	2021-05-08-41	University of Delaware	Physics Informed Machine Learning (PIML) to Discover New Mechanisms and Improved Properties for Glass Fiber/Epoxy Composite Interphase	\$0	\$0	\$631,732
55	2021-05-08-42	University of Delaware	FMRG: Bio: Molecular and Cellular Engineering for Ultra-Intensification of Biopharmaceutical Manufacturing	\$1,958,621	\$0	\$0
56	2021-05-08-43	University of Delaware	Collaborative Research: NRI: Advanced Control of Agile Robotic Prostheses for Safety and Independence in Dynamic Environments	\$323,433	\$0	\$0
57	2021-05-08-44	University of Delaware	Mid-Scale Ri-1 (M1:lp): A Deep Soil Ecotron Facility to Explore Belowground Communities and Ecosystem Processes	\$0	\$0	\$272,890
58	2021-05-08-45	University of Delaware	Heat of Vaporization and Enthalpy Diagrams for Samples of Aviation Gasoline and Jet Fuel Testing Service	\$0	\$0	\$31,622
59	2021-05-08-46	University of Delaware	Silviculture in the City: Advancing Urban and Climate Adapted Management Strategies for Forested Natural Areas in the Northeastern U.S. Through Science and Training	\$240,325	\$0	\$0
60	2021-05-08-47	University of Delaware	Collaborative Research: Floodplain Management in the United States: Where, Why, and How Policies to Limit or Remove Development Have Shaped Exposure Outcomes	\$189,001	\$0	\$0
61	2021-05-08-48	University of Delaware	Exploring Emerging Chemometric Methods	\$0	\$0	\$10,800
62	2021-05-08-49	University of Delaware	CELF1 as a Gateway to Lens Development and Disease	\$0	\$0	\$261,543
63	2021-05-08-50	University of Delaware	Continued Development of Bacteria Derived Algicidal Compounds for Mitigation of Karenia Brevis	\$0	\$0	\$62,435
64	2021-05-08-51	University of Delaware	CY2021 NSF SHIP OPS Support	\$11,602	\$0	\$0
65	2021-05-08-52	University of Delaware	Our Proposal Examines the Extent of Financial Inclusion Affects Lower Income Working Households and How the Minimum Wage May Affect the Unbanked and Use of Non-Bank Financial Services.	\$0	\$0	\$8,251
66	2021-05-08-53	University of Delaware	Rapid Workforce Training: Increasing Diversity in Baccalaureate Prepared Registered Nurses	\$0	\$0	\$230,050
67	2021-05-08-54	University of Delaware	Administrative Supplement to Discovery of Chemical Probes and Therapeutic Leads	\$200,000	\$0	\$0
68	2021-05-08-55	University of Delaware	Word Learning from Infant-Directed Speech in Bilingual Children	\$0	\$0	\$10,000
69	2021-05-08-56	University of Delaware	Self-Regulated Airflow Management in Daily Communicative Activities to Prevent Dyspnea During Speech in Older Speakers	\$0	\$0	\$10,000
70	2021-05-08-57	University of Delaware	Sloan Scholar Seed Grant	\$0	\$0	\$19,284
71	2021-05-08-58	University of Delaware	Collaborative Research: SATC: CORE: Small: A Comprehensive Investigation of Account-Identity Inconsistency Threats in Online Authentication	\$164,276	\$0	\$0
72	2021-05-08-59	University of Delaware	Expanding Disabilities Network's (UCEDD) Access to Covid 19 Vaccines	\$55,279	\$0	\$0
73	2021-05-08-60	University of Delaware	Earthcare Biochar Litter Amendment Comparison 2021	\$0	\$0	\$4,728
74	2021-05-08-61	University of Delaware	Pathway to STEM Success: Improving Access and Success and Closing Equity Gaps in College-Level Math in a State Community College System	\$0	\$0	\$88,365



75	2021-05-08-62	University of Delaware	At-Home Strengthening Knee Exercise Program vs. Physical Therapist-Assisted Strength Training for Improving Knee Osteoarthritis Outcomes (ASK-PAST): A Randomized Controlled Trial	\$0	\$0	\$307,014
76	2021-05-08-63	University of Delaware	Tier 1 UTC-Railroad	\$0	\$0	\$259,822
77	2021-05-08-64	University of Delaware	Using High-Fidelity Simulations to Help Design Awaken Lidar Measurement Strategies in the Far-Wake Region	\$31,250	\$0	\$0
78	2021-05-08-65	University of Delaware	Engineering of Degradable Microgels for Sustained Delivery of Biomacromolecules.	\$0	\$0	\$31,800
79	2021-05-08-66	University of Delaware	Tuskegee University Center of Excellence for Multi-functional Composites for Structural Durability, Damage Tolerance, and Protection	\$0	\$0	\$1,888,316
80	2021-05-08-67	University of Delaware	Improving Education Leaders' Use of Research Evidence: The Influence of Education Doctorate (Ed.D.) Program Features	\$0	\$0	\$228,836
81	2021-05-08-68	University of Delaware	Secure and Verifiable Statistics with Applications in Ad Engagement	\$0	\$0	\$95,117
82	2021-05-08-69	University of Delaware	Kennett Consolidated School District Focus Groups, Strategic Planning/Goal Setting & Instructional Leadership	\$0	\$0	\$59,997
83	2021-05-08-70	University of Delaware	Development of Innovative Technologies and Strategies to Mitigate Biological, Chemical, Physical, and Environmental Threats to Food Safety	\$0	\$0	\$57,964
84	2021-05-08-71	University of Delaware	Health, Health Insurance, and Financial Security	\$0	\$0	\$65,601
85	2021-05-08-72	University of Delaware	SCC-CIVIC-FA Track B: An Integrated Scenario-Based Hurricane Evacuation Management Tool to Support Community Preparedness	\$848,675	\$0	\$0
86	2021-05-08-73	University of Delaware	NRI: Integration of Robotics and Neuromuscular Modeling to Understand Basic Mechanisms of Gait and Inform Rehabilitation	\$981,230	\$0	\$0
87	2021-05-08-74	University of Delaware	Do Viral-Host Interactions Alter the Symbiotic Effectiveness of Symbiotic Soybean Bradyrhizobia and Resulting Soybean Productivity?	\$0	\$0	\$13,499
88	2021-05-08-75	University of Delaware	University of Delaware Industrial Assessment Center for the Mid-Atlantic Region	\$1,104,479	\$0	\$0
89	2021-05-08-76	University of Delaware	Acquisition of Goods and Service	\$9,091	\$0	\$0
90	2021-05-08-77	University of Delaware	UROL:EN: Rules that Govern Biodiversity-Ecosystem Function in Changing Urban Socio-Ecological Networks	\$0	\$0	\$509,953
91	2021-05-08-78	University of Delaware	RII Track-4:NSF Experimental Validation of a Modified Cavity Wall (MCW) System for Reducing Buildings Regular and Peak Cooling Load	\$188,402	\$0	\$0
92	2021-05-08-79	University of Delaware	Nonhydrostatic Numerical Modeling of Wave Dynamics Interacting with Estuarine Fronts	\$125,193	\$0	\$0
93	2021-05-08-80	University of Delaware	Next Generation Highly Formable Composite Materials for Body Armor	\$0	\$0	\$1,562,500
94	2021-05-08-81	University of Delaware	RII Track-4:NSF: Develop a Generic Framework to Couple Agent-Based Behavioral Models with Physics-Based Water Models for Socio-Hydrologic Studies	\$192,099	\$0	\$0
95	2021-05-08-82	University of Delaware	Testing a Novel Intervention to Assess and Reduce COVID-19 Vaccination Hesitancy in Medically Underserved Communities	\$189,391	\$0	\$0
96	2021-05-08-83	University of Delaware	Improving Pediatric COVID-19 Vaccine Awareness, Access, and Accountability in Underrepresented Communities	\$279,829	\$0	\$0
97	2021-05-08-84	University of Delaware	A Novel Methodology for the Efficient Integration of Supply Chain, Planning, Scheduling and Process Feasibility	\$271,328	\$0	\$0
98	2021-05-08-85	University of Delaware	RII Track-4: NSF: Probing the Interface Between Garnet-Type Solid Electrolyte and Sulfur Cathode in Lithium-Sulfur Battery Via Cryogenic Electron Microscopy	\$186,786	\$0	\$0
99	2021-05-08-86	University of Delaware	Predicting Protein Self-Interaction and Unfolding Behavior and Consequences for Therapeutic Nanobodies and Related Constructs	\$0	\$0	\$165,457
100	2021-05-08-87	University of Delaware	MEPI SLP NEA/AC Student Leaders Program	\$0	\$0	\$99,879

101	2021-05-08-88	University of Delaware	Biochar Stormwater Research for Hanover Demonstration Project	\$0	\$0	\$25,000
102	2021-05-08-89	University of Delaware	The Political Economy of Child Care and the Families Within: A Covid Comparison	\$0	\$0	\$7,725
103	2021-05-08-90	University of Delaware	Cecil County Public Schools ELA Coaching & Professional Learning for Middle School Teachers	\$0	\$0	\$47,506
104	2021-05-08-91	University of Delaware	Center Development on Decarbonization of Chemical Manufacturing - DC-MUSE	\$0	\$0	\$41,002
105	2021-05-08-92	University of Delaware	Collaborative Research: CNS Core: Small: Towards Enabling High Efficient and Secure Containerization in Edge Devices	\$164,275	\$0	\$0
106	2021-05-08-93	University of Delaware	Tangram Management Leadership Coaching	\$0	\$0	\$114,772
107	2021-05-08-94	University of Delaware	"Real-Time" Food Insecurity Tracker Using IRI Scanner Data and the Household Pulse Survey	\$32,727	\$0	\$0
108	2021-05-08-95	University of Delaware	FMRG: Obtaining Extensive At-line Input and Output Analytics Combined with Machine Learning to Improve Predictive CQA	\$0	\$0	\$615,048
109	2021-05-08-96	University of Delaware	HelioSwarm: The Nature of Turbulence in Space Plasmas	\$0	\$0	\$15,119
110	2021-05-08-97	University of Delaware	Administrative Supplement to Discovery of Chemical Probes and Therapeutic Leads	\$250,000	\$0	\$0
111	2021-05-08-98	University of Delaware	Sustainable Management of Honeybees Through Maximizing Queen Longevity	\$0	\$0	\$175,006
112	2021-05-08-99	University of Delaware	Virtual Professional Development and Virtual Coaching for Team Leaders at Smith Springs Elementary School	\$0	\$0	\$13,208
113	2021-05-09-01	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	\$55,874
114	2021-05-09-02	University of Delaware	Improving the Durability and Extending the Life of Transportation Infrastructure	\$0	\$0	\$115,502
115	2021-05-09-03	University of Delaware	SATB1 Reprograms Gene Expression to Govern Marek's Disease in Chickens	\$0	\$0	\$70,793
116	2021-05-09-04	University of Delaware	COLUMBIA/NSF GEN-4 Engineering Research Center	\$0	\$0	\$225,989
117	2021-05-09-05	University of Delaware	UD-EKTU Partnership in English as a Medium for Scientific Instruction and Communication	\$0	\$0	\$39,995
118	2021-05-09-06	University of Delaware	Contaminants of Emerging Concern: Defining a Strategic Role for Sea Grant	\$0	\$0	\$3,613
119	2021-05-09-07	University of Delaware	Dietary Sodium and Potassium on Vascular Function in Overweight/Obese Children	\$125,200	\$0	\$0
120	2021-05-09-08	University of Delaware	EXCITE: Extension Collaborative on Immunization, Teaching & Engagement	\$0	\$0	\$19,143
121	2021-05-09-09	University of Delaware	Critical, Institutional Perspectives on Racial Equity and the Carceral School Regime	\$0	\$0	\$50,000
122	2021-05-09-10	University of Delaware	Prepare Summer School Math Curriculum for Laurel SD Grades 1-8; Provide Professional Learning for Summer Program; Provide Coaching Support for Teachers on the Zearn Platform	\$0	\$0	\$7,205
123	2021-05-09-11	University of Delaware	Uncovering a Transient Heritable Memory for HIV Reactivation from Latency	\$0	\$0	\$107,000
124	2021-05-09-12	University of Delaware	Large Composite Hard Upper Torso, Large Size Prototype Build	\$615,985	\$0	\$0
125	2021-05-09-13	University of Delaware	Factors that Contribute to Aphasia Treatment Engagement and Response	\$0	\$0	\$674,703

**Delaware State Clearinghouse Committee**  
**June Agenda**  
**Meeting to be Held via WebEx**  
**WebEx Meeting Information/Instructions Attached**  
**June 15, 2021 @ 10:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">2021-04-30-02</a>	Executive, Delaware State Housing Authority	Homeowner Assistance Fund - ARP COVID-19	\$50,000,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">4886</a>	Department of State, Division of Libraries	Library Services and Technology Act - ARP COVID-19	\$2,215,012	\$0	\$0	0.00	0.00	0.00
3	<a href="#">4877</a>	Department of Health and Social Services, Public Health, Community Health	Stimulant Grant	\$1,087,500	\$0	\$0	0.80	0.00	0.00
4	<a href="#">4889</a>	Department of Health and Social Services, Social Services	Child Care Development Fund Stabilization - ARP COVID-19	\$66,752,817	\$0	\$0	0.00	0.00	0.00
5	<a href="#">4891</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Lab Capacity Enhancing Detection Expansion - CRRSA COVID-19	\$56,048,281	\$0	\$0	46.00	0.00	0.00
6	<a href="#">4893</a>	Department of Health and Social Services, Public Health, Community Health	Strategic Prevention Framework for Prescription Drugs	\$384,000	\$0	\$0	0.20	0.00	0.00
7	<a href="#">4895</a>	Department of Health and Social Services, Public Health, Community Health	Address COVID Health Disparities	\$24,594,945	\$0	\$0	7.00	0.00	0.00
8	<a href="#">4903</a>	Department of Health and Social Services, Social Services	Child Care Development Fund Discretionary - ARP COVID-19	\$41,652,009	\$0	\$0	0.00	0.00	0.00
9	<a href="#">4933</a>	Department of Health and Human Services, State Service Centers	Low-Income Home Energy Assistance Program - ARP COVID-19	\$12,883,578	\$0	\$0	0.00	0.00	0.00
10	<a href="#">4948</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration, Community Services	Title III, Part B Supportive Services - ARP COVID-19	\$2,288,500	\$572,125	\$0	0.00	0.00	0.00
11	<a href="#">4949</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration, Community Services	Title III, Part C Nutrition Services - ARP COVID-19	\$1,492,500	\$0	\$0	0.00	0.00	0.00
12	<a href="#">4950</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration, Community Services	Title III, Home Delivered Meals ARP COVID-19	\$2,238,750	\$559,688	\$0	0.00	0.00	0.00
13	<a href="#">4951</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration, Community Services	Title III, Part D Preventive Health ARP COVID-19	\$218,900	\$54,725	\$0	0.00	0.00	0.00
14	<a href="#">4953</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration, Community Services	Title III, Part E Family Caregivers Support ARP COVID-19	\$721,375	\$180,344	\$0	0.00	0.00	0.00
15	<a href="#">4955</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration, Community Services	Title VII, Ombudsman Program - ARP COVID-19	\$49,750	\$0	\$0	0.00	0.00	0.00
16	<a href="#">4956</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration, Community Services	Support Services for COVID-19 Vaccines- CRRSA COVID-19	\$250,000	\$0	\$0	0.00	0.00	0.00
17	<a href="#">4958</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration, Community Services	Aging and Disability Resource Center COVID Vaccine Access Project - CRRSA COVID-19	\$158,836	\$0	\$0	0.00	0.00	0.00
18	<a href="#">4904</a>	Department of Safety and Homeland Security, Office of the Secretary, Developmental Disabilities Council	Expanding Disabilities Network's Access to COVID-19 Vaccines - CRRSA COVID-19	\$26,695	\$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>

**Continued**

1	<a href="#">2021-04-23-01</a>	Executive, Delaware State Housing Authority	Emergency Solutions Grants Programs	\$237,229	\$0	\$0	0.00	0.00	0.00
2	<a href="#">2021-04-23-03</a>	Executive, Delaware State Housing Authority	Community Development Block Grant	\$2,583,695	\$0	\$0	0.70	0.00	0.00
3	<a href="#">2021-04-23-05</a>	Executive, Delaware State Housing Authority	Public Housing Operations Program- Moving to Work	\$2,308,630	\$0	\$440,270	0.00	0.00	0.00
4	<a href="#">2021-04-23-06</a>	Executive, Delaware State Housing Authority	Housing Choice Vouchers (Moving to Work)	\$9,779,970	\$0	\$0	1.00	0.00	0.00
5	<a href="#">2021-04-23-07</a>	Executive, Delaware State Housing Authority	Family Unification Program	\$520,250	\$0	\$0	0.00	0.00	0.00
6	<a href="#">2021-04-23-08</a>	Executive, Delaware State Housing Authority	Performance Based Contract Administrator Program	\$44,449,922	\$0	\$0	0.00	0.00	0.00
7	<a href="#">2021-04-26-01</a>	Executive, Delaware State Housing Authority	Mainstream Voucher Program	\$446,532	\$0	\$0	0.00	0.00	0.00
8	<a href="#">2021-04-26-03</a>	Executive, Delaware State Housing Authority	Public Housing Capital Program- Moving to Work	\$810,861	\$0	\$0	0.00	0.00	0.00
9	<a href="#">4869</a>	Legal, Department of Justice	Victims Compensation Assistance	\$946,000	\$0	\$0	0.00	0.00	0.00
10	<a href="#">4912</a>	Department of State, Division of Arts, Office of the Director	Promotion of the Arts -Partnership Agreement	\$768,600	\$3,853,785	\$80,000	3.00	5.00	0.00
11	<a href="#">4688</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Supported Employment A	\$21,000	\$0	\$0	0.00	0.00	0.00
12	<a href="#">4821</a>	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children Program	\$2,127,142	\$0	\$0	13.40	0.00	0.00
13	<a href="#">4879</a>	Department of Health and Social Services, Public Health, Community Health	FY22 Delaware Violent Death Reporting System	\$177,313	\$0	\$0	1.00	0.00	0.00
14	<a href="#">4887</a>	Department of Health and Social Services, Public Health, Community Health	Childhood Lead Poisoning Prevention Program	\$1,875,000	\$0	\$0	1.00	0.00	0.00
15	<a href="#">4907</a>	Department of Health and Social Services, Administration, Management Services	Infants and Toddlers with Disabilities	\$2,352,796	\$0	\$0	10.00	0.00	0.00
16	<a href="#">4428 Amendment</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives-Administration	\$4,636,809	\$47,620	\$0	0.00	0.00	0.00
17	<a href="#">3558 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Division of Waste and Hazardous Substances	Support Agency Cooperative Agreement - Army Creek	\$5,028	\$0	\$0	0.04	0.00	0.00
18	<a href="#">3559 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Division of Waste and Hazardous Substances	Support Agency Cooperative Agreement - Delaware Sand and Gravel	\$7,501	\$0	\$0	0.05	0.00	0.00
19	<a href="#">3860 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Division of Waste and Hazardous Substances	Hockessin Site Wide Remediation Investigation and Feasibility Study	\$2,354	\$0	\$0	0.02	0.00	0.00
20	<a href="#">4101 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Division of Waste and Hazardous Substances	Support Agency Cooperative Agreement - Brownfields Revitalization	\$463,862	\$0	\$0	2.75	0.00	0.00
21	<a href="#">4780 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Climate, Coastal, and Energy	State Energy Program	\$403,820	\$86,553	\$0	2.92	0.70	0.00
22	<a href="#">4843</a>	Department of Labor, Unemployment Insurance	Reemployment and Eligibility Assessment	\$772,975	\$0	\$0	11.75	0.00	0.00
23	<a href="#">4920</a>	Department of Agriculture, Food Products Inspection	Produce Safety Rule	\$1,750,000	\$0	\$0	2.40	0.00	0.00
24	<a href="#">4870</a>	Department of Education, Student Support	Adult Basic Education	\$1,893,090	\$855,621	\$0	0.10	0.00	0.00
25	<a href="#">4871</a>	Department of Education, Student Support	Title IV, Part A Student Support and Enrichment	\$5,887,415	\$0	\$0	0.00	0.00	0.00

26	<a href="#">4873</a>	Department of Education, Student Support	Title I, Part A Improving the Academic Achievement of the Disadvantaged	\$54,066,296	\$0	\$0	2.25	0.00	0.00
27	<a href="#">4874</a>	Department of Education, Academic Support	Individuals with Disabilities Education Act, Part B, Section 619-Preschool	\$1,301,639	\$0	\$0	0.00	0.00	0.00
28	<a href="#">4875</a>	Department of Education, Academic Support	Individuals with Disabilities Education Act, Part B, Section 611-State Grant	\$39,412,835	\$0	\$0	11.50	0.00	0.00
29	<a href="#">4883</a>	Department of Education, Student Support	Prevention and Intervention Programs for Children	\$323,599	\$0	\$0	0.00	0.00	0.00
30	<a href="#">2021-04-30-01</a>	Department of Education, Caesar Rodney School District	Dover Air Force Base School Budget	\$10,238,520	\$0	\$0	0.00	0.00	0.00

#### Higher Education

1	4884	Delaware Technical Community College	Tech-Mediate Behavioral Nudge to Dev STEM ID Women	\$264,102	\$0	\$0			
2	4885	Delaware Technical Community College	Advancing Informal STEM Learning	\$3,000,000	\$0	\$0			
3	2021-06-12-02	Delaware State University	Developing and Teaching Academic Writing Courses	\$66,527	\$0	\$0			
4	2021-06-12-03	Delaware State University	Understanding How Adolescent Bullying Experiences Affect Traumatic Stress, Sexual Health and STI Risk	\$292,000	\$0	\$0			
5	2021-06-12-04	Delaware State University	US Embassy Abidjan, Public Affairs Section	\$302,458	\$0	\$0			
6	2021-06-12-05	Delaware State University	MD UMES, DE DSU Assessing Vaccine Confidence Among BIPOC in Rural	\$0	\$0	\$61,246			
7	2021-06-12-06	Delaware State University	Dual Dopable Electroactive Polymers for Conformal Polymer Supercapacitors	\$19,974	\$0	\$0			
8	2021-06-12-07	Delaware State University	Muscle Function in Older Adults with Impaired Glucose States	\$104,934	\$0	\$0			
9	2021-06-12-08	Delaware State University	Center for Coronavirus Detection and Treatment	\$7,500,000	\$0	\$0			
10	2021-06-12-09	Delaware State University	Development of High-Temperature Stress Tolerant Tetraploid Northern Highbush Blueberries	\$29,999	\$0	\$0			
11	2021-06-12-10	Delaware State University	DE DSU Extension Collaboration on Immunization Teaching and Engagement (EXCITE)	\$39,120	\$0	\$0			
12	2021-06-12-11	Delaware State University	Sensors and Technologies for Aerospace Research at Delaware State University (DSU-STAR)	\$499,349	\$0	\$0			
13	2021-06-12-12	Delaware State University	Forebrain Cholinergic System and Age-Related Alterations in Emotional Regulation	\$77,250	\$0	\$0			
14	2021-06-12-13	Delaware State University	An Intervention to Improve Sleep Health Disparities Through Minority Faith-Based Communities	\$3,298,261	\$0	\$0			
15	2021-06-12-14	Delaware State University	A Novel Mechanism of Low Atmospheric Pressure Resistance in C. Elegans	\$20,000	\$0	\$0			
16	2021-06-12-15	Delaware State University	HBCU students and the Drowning Disparity: Addressing the African American Drowning Disparity	\$225,136	\$0	\$0			
17	2021-06-12-16	Delaware State University	Nutrient Removal in Living Shorelines with and Without Biochar	\$33,600	\$0	\$0			
18	2021-06-12-17	Delaware State University	High-Speed Hyperspectral Imaging for Highly Multiplexed Immunofluorescence Imaging	\$30,000	\$0	\$0			
19	2021-06-05-01	University of Delaware	Microarchitectural and Circuit-level Co-defense of Processor Pipelines against DVFS-induced Timing Faults	\$0	\$0	\$139,279			
20	2021-06-05-02	University of Delaware	The Tendon and Enthesis and Knee Osteoarthritis	\$0	\$0	\$224,745			

21	2021-06-05-03	University of Delaware	A Cover Crop Network For Enhancing The Sustainability Of US Cropping Systems	\$0	\$0	\$171,000
22	2021-06-05-04	University of Delaware	Testing the Supportive Confrontation Intervention on Student Level of Empathy and Self-Censorship	\$0	\$0	\$28,501
23	2021-06-05-05	University of Delaware	FMRG: Cyber: Secure and Intelligent Cyber-Manufacturing Systems	\$0	\$0	\$282,216
24	2021-06-05-06	University of Delaware	Solid State Chemistry of Novel Pnictides with Complex Structures	\$268,132	\$0	\$0
25	2021-06-05-07	University of Delaware	Improving soil health by engineering a rhizobacterium to depend on a plant and stimulate its immune system	\$0	\$0	\$404,998
26	2021-06-05-08	University of Delaware	From CO2 to Bioplastics Manufacturing for Environmental Sustainability	\$0	\$0	\$130,462
27	2021-06-05-09	University of Delaware	Musculoskeletal Injuries After Concussion: Predictors and Mechanisms	\$0	\$0	\$944,588
28	2021-06-05-10	University of Delaware	Meta-study of UV-through-NIR Explosive Transients for the Roman Space Telescope and Beyond	\$0	\$0	\$14,921
29	2021-06-05-11	University of Delaware	NSF Collaborative Research: Building an Industrial Mathematical Modeling Ecosystem	\$61,291	\$0	\$0
30	2021-06-05-12	University of Delaware	Improving the Health of People with Mobility Limitations and Intellectual/Developmental Disabilities Through State-based Public Health Program	\$2,371,536	\$0	\$0
31	2021-06-05-13	University of Delaware	The Relationship Between Child Language Proficiency and Language of Treatment on the Outcomes of Bilingual Children with Developmental Language Disorder	\$0	\$0	\$711,949
32	2021-06-05-14	University of Delaware	Enhancing the Productivity of an Orphan Crop Tef (Eragrostis Tef) by Silicon and Unveiling the Molecular Mechanisms of Si Uptake and Assimilation	\$0	\$0	\$66,563
33	2021-06-05-15	University of Delaware	Designing, Implementing and Assessing a Pilot Pre-Sentencing Diversion Program in Response to COVID	\$0	\$0	\$5,000
34	2021-06-05-16	University of Delaware	Tuning Multi-Component Ionic Transport, Reactivity, and Kinetics in Multi-Phase Environments for Direct Air Capture Via Magnesium Carbonate Formation (TACKLE-DAC)	\$0	\$0	\$262,500
35	2021-06-05-17	University of Delaware	The Ultimate Limit of Rescattering in Strong Laser Fields	\$10,000	\$0	\$0
36	2021-06-05-18	University of Delaware	Assessing Diurnal Variations in Methane Emissions from Landfills and Impact on Whole Landfill Emission Estimates	\$0	\$0	\$131,996
37	2021-06-05-19	University of Delaware	Function and Regulation of Metalloproteinases and Wnt Signaling	\$1,345,170	\$0	\$0
38	2021-06-05-20	University of Delaware	Illinois Leadership Training and Development Concepts from the National Leadership Consortium	\$0	\$0	\$91,819
39	2021-06-05-21	University of Delaware	Training, Coaching & Professional Learning Support to Laurel SD Elementary & Middle Schools	\$0	\$0	\$105,503
40	2021-06-05-22	University of Delaware	Spatial and Temporal Controls on the Chemical Evolution of the Okavango River in the Okavango Delta in Botswana	\$0	\$0	\$48,757
41	2021-06-05-23	University of Delaware	Collaborative Research: Optimal and Efficient Deep Learning for Graph Fusion	\$411,825	\$0	\$0
42	2021-06-05-24	University of Delaware	Multilevel Hybrid Quantum-Classical Algorithms for Combinatorial Optimization	\$0	\$0	\$112,675
43	2021-06-05-25	University of Delaware	Orbitrap-Based High-Resolution Mass Spectrometry System for Fundamental Research in Environmental Chemistry	\$752,034	\$0	\$0
44	2021-06-05-26	University of Delaware	Enhancing Partnerships to Address Water Quality Issues in Delaware	\$11,300	\$0	\$0
45	2021-06-05-27	University of Delaware	Bracing for Sustainable Agriculture: Characterization of Brace Root Development and Function in Two Members of Andropogoneae	\$225,000	\$0	\$0
46	2021-06-05-28	University of Delaware	Artificial-Intelligence Based Crop Protection Approaches for Vegetable Farming Systems	\$0	\$0	\$55,939

47	2021-06-05-29	University of Delaware	Predicting Language and Literacy Growth in Children with ASD Using Statistical Learning	\$0	\$0	\$271,289
48	2021-06-05-30	University of Delaware	Engineering Efficient Biocatalysis to Produce an FDA-Approved Norepinephrine Prodrug	\$190,307	\$0	\$0
49	2021-06-05-31	University of Delaware	FMSG: Bio: Scalable Micro Robotic Strategies for the Manufacture of Advanced Regenerative Materials	\$317,107	\$0	\$0
50	2021-06-05-32	University of Delaware	Robust Human-Intelligent Vehicle Coordination & Control Framework with Applications to Emerging Mobility Systems	\$406,500	\$0	\$0
51	2021-06-05-33	University of Delaware	DementiaBank: A Supplement to AphasiaBank	\$0	\$0	\$100,000
52	2021-06-05-34	University of Delaware	HHS New Directions Early Head Start American Rescue Plan Supplement One Time Funding 2021	\$216,035	\$0	\$0
53	2021-06-05-35	University of Delaware	Material Characterization for Highly Formable TuFF Composites	\$678,900	\$0	\$0
54	2021-06-05-36	University of Delaware	SNF Ithaca Initiative Pilot at the Biden School of Public Policy and Administration	\$0	\$0	\$850,500
55	2021-06-05-37	University of Delaware	LTER: Ecological Response and Resilience to Press-Pulse Disturbances and a Recent Decadal Reversal in Sea Ice Trends Along the West Antarctic Peninsula	\$0	\$0	\$196,867
56	2021-06-05-38	University of Delaware	FMRG: Eco: A systems-Enabled Paradigm Shift for Modular Sustainable Chemical Manufacturing	\$1,964,325	\$0	\$0
57	2021-06-05-39	University of Delaware	Advanced Materials and Devices for High Performance RF Applications	\$89,550	\$0	\$0
58	2021-06-05-40	University of Delaware	Next-Generation Tools to Probe Polymer-Catalyst Interaction and Macromolecular Transformations	\$3,287,798	\$0	\$0
59	2021-06-05-41	University of Delaware	NIIMBL Research, Development, and Testbeds to Help the Nation Prevent, Prepare for, and Respond to Coronavirus	\$82,930,505	\$0	\$0
60	2021-06-05-42	University of Delaware	Generalized Fluctuation Test for Deciphering Phenotypic Switching Within Cell Populations	\$1,500,000	\$0	\$0
61	2021-06-05-43	University of Delaware	Supplement to ECOHAB 2017: The Role of Nitric Oxide in Promoting Heterosigma Blooms	\$55,800	\$0	\$0
62	2021-06-05-44	University of Delaware	Enhanced Evaporative Flux to Remediate Brine-Contaminated Soil Phase 2	\$0	\$0	\$241,960
63	2021-06-05-45	University of Delaware	Assessing Cross Resistance and Baseline Sensitivity to SDHI Fungicides in F. Graminearum	\$0	\$0	\$34,231
64	2021-06-05-46	University of Delaware	COBRE Phase III	\$0	\$0	\$1,519,000
65	2021-06-05-47	University of Delaware	Engaging DelMar: Strengthening Vaccine Confidence in Agricultural Communities in Delaware and Maryland	\$0	\$0	\$44,649
66	2021-06-05-48	University of Delaware	FMSG: Microbial Foundry for Distributed Manufacturing of mRNA-Containing Biomaterials	\$0	\$0	\$95,865
67	2021-06-05-49	University of Delaware	FMSG: Cyber: Cross-Software-Layer Optimization for Automated Additive Manufacturing of Electronic and RF Systems	\$323,203	\$0	\$0
68	2021-06-05-50	University of Delaware	Enhancing Marketplace Acceptance of Native Plants	\$0	\$0	\$6,500
69	2021-06-05-51	University of Delaware	Development of Fluorine Nuclear Magnetic Resonance (NMR) Spectroscopy as a Versatile Probe of Structure and Chemical Environment in Proteins	\$0	\$0	\$91,317
70	2021-06-05-52	University of Delaware	Defining a Chrono-Behavioral Phenotype of Cardiovascular Disease Risk in Free-Living Early Midlife Adults	\$2,499,392	\$0	\$0
71	2021-06-05-53	University of Delaware	Building Students' Covid-19 Resilience Through Outdoor Classrooms and Workforce Experience	\$36,127	\$0	\$0
72	2021-06-05-54	University of Delaware	Virtual Training for Laurel SD Middle School ELA Teachers' Summer Booster Program	\$0	\$0	\$3,603

73	2021-06-05-55	University of Delaware	Comprehension of Code-Switched Utterances	\$0	\$0	\$19,050
74	2021-06-05-56	University of Delaware	FMSG: Bio: Patient-specific Atoms to Systems (PATS) Manufacturing of Bioceramics	\$344,457	\$0	\$0
75	2021-06-05-57	University of Delaware	Active- and Meta-Learning AI Techniques for Device and Material Simulation	\$0	\$0	\$332,224
76	2021-06-05-58	University of Delaware	Probing Nano/Bio Interactions to Understand and Overcome Biological Barriers Limiting Nanomedicine	\$2,250,000	\$0	\$0
77	2021-06-05-59	University of Delaware	UM/DOS SUSI-FP FY 2020 Study of the U.S. Institutes for Scholars	\$0	\$0	\$298,631
78	2021-06-05-60	University of Delaware	Acquisition of Goods and Services	\$4,545	\$0	\$0
79	2021-06-05-61	University of Delaware	Coaching & Professional Learning Support to Laurel SD Elementary & Middle Schools	\$0	\$0	\$101,901
80	2021-06-05-62	University of Delaware	Probing the Unique Attributes of the Naïve Reservoir	\$0	\$0	\$450,002
81	2021-06-05-63	University of Delaware	Inventory of Grassland and Shrubland Birds and Raptor Populations at Harpers Ferry National Historic Park	\$260,136	\$0	\$0
82	2021-06-05-64	University of Delaware	The Impact of Tree Species Choice on Bird Habitat in Shade Coffee	\$0	\$0	\$2,647
83	2021-06-05-65	University of Delaware	Collaborative Research: Nd Isotopes and REEs in the North Pacific	\$0	\$0	\$59,284
84	2021-06-05-66	University of Delaware	Degradation Mechanisms of Ionomers in Electrochemical Direct Air Capture	\$840,747	\$0	\$0
85	2021-06-05-67	University of Delaware	Relations Between Early Motor and Communication Development, and Future Outcomes/Services in Children with and Without Autism Spectrum Disorder (ASD)	\$1,338,408	\$0	\$0
86	2021-06-05-68	University of Delaware	Prevention of PTOA Via Regulation of the Cytomechanics of Chondrocytes	\$111,376	\$0	\$0
87	2021-06-05-69	University of Delaware	Chemistry and Biology Interface (CBI) NIH T32 Training Grant	\$62,242	\$0	\$0
88	2021-06-05-70	University of Delaware	Determine Feasibility of the SMURF Ability to Measure Root Strength Across a Range of BRDS Tall Corn Genetics in Multiple Environments and the Most Optimal Time of Collection.	\$0	\$0	\$29,524
89	2021-06-05-71	University of Delaware	Adaptation of Wastewater Surveillance Infrastructure: A One Health Approach to Addressing Emerging Antibiotic Resistance	\$220,200	\$0	\$0
90	2021-06-05-72	University of Delaware	A Practical Way to Decontaminate Nuts and Spices	\$255,095	\$0	\$0
91	2021-06-05-73	University of Delaware	Shanghai Sonatas Educational Residency	\$118,765	\$0	\$0
92	2021-06-05-74	University of Delaware	CAREER: Molecular Recognition of Bacterial Cell Wall Fragments by Yeast and Humans	\$25,716	\$0	\$0
93	2021-06-05-75	University of Delaware	Stuck in the Past? How Prior Investments in Status Quo Programs Prevent Schools from Adopting Evidence-Based Alternatives	\$0	\$0	\$11,319
94	2021-06-05-76	University of Delaware	UPITT/NIDA Improving Racial Equity in Opioid Use Disorder Treatment in Medicaid	\$0	\$0	\$102,234
95	2021-06-05-77	University of Delaware	The National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)	\$49,429,257	\$0	\$0
96	2021-06-05-78	University of Delaware	Department of Health and Human Services New Directions Early Head Start Year 25	\$2,625,962	\$0	\$0
97	2021-06-05-79	University of Delaware	Department of Health and Human Services New Directions Early Head Start Year 25	\$31,364	\$0	\$0
98	2021-06-05-80	University of Delaware	Vertical Sorting of Olivine Particles in Sands Driven by Waves - A Numerical Model Investigation	\$0	\$0	\$20,030



99	2021-06-05-81	University of Delaware	An Innovative Sensing System for Monitoring Fracture Critical Structures	\$0	\$0	\$33,532
100	2021-06-05-82	University of Delaware	Biomolecular Interaction Technologies Fiscal Year 2021	\$0	\$0	\$90,000
101	2021-06-05-83	University of Delaware	The MHD Transport Properties in MagLIF	\$0	\$0	\$34,096
102	2021-06-05-84	University of Delaware	Supplement to Enantioselective, Metal-Catalyzed Alkynylations of Oxocarbenium and Iminium Ions	\$23,056	\$0	\$0
103	2021-06-05-85	University of Delaware	Metal Catalyzed Methods for the Preparation of Organosilanes and Related Reactions	\$46,112	\$0	\$0
104	2021-06-05-86	University of Delaware	Multiplicity Survey of 20 Y Dwarfs with NIRCам Kernel Phase Interferometry	\$0	\$0	\$21,949
105	2021-06-05-87	University of Delaware	Neural Subtypes of Developmental Stuttering	\$2,680,432	\$0	\$0
106	2021-06-05-88	University of Delaware	Acquisition of Goods and Services	\$7,273	\$0	\$0
107	2021-06-05-89	University of Delaware	Energy Efficient Additive Manufacturing of High Performance, LightWeight Carbon Fiber Thermoset Composites	\$0	\$0	\$65,066
108	2021-06-05-90	University of Delaware	SMIDGen: A Scalable, Mixed-Initiative Dataset Generation Tool for Online Social Science Research	\$0	\$0	\$2,824
109	2021-06-05-91	University of Delaware	Data-Driven Modeling and Uncertainty Quantification for Mechanics of Materials	\$544,122	\$0	\$0
110	2021-06-05-92	University of Delaware	Community Living Essex County Leadership Training from the National Leadership Consortium	\$0	\$0	\$40,972
111	2021-06-05-93	University of Delaware	Integration of V2G Charger into ACE Light Truck	\$0	\$0	\$76,268
112	2021-06-05-94	University of Delaware	Time Resolved Studies of Outflows from Massive Stars Using the Observatory of the Southeastern Association for Research in Astronomy	\$8,037	\$0	\$0
113	2021-06-05-95	University of Delaware	Broadband Acoustic Wave Propagation in Waveguide with Variable Properties	\$478,335	\$0	\$0
114	2021-06-05-96	University of Delaware	Identifying Neurobiological Mechanisms Predictive of Adolescent Anxiety Development and Related Sex Differences	\$2,308,125	\$0	\$0
115	2021-06-05-97	University of Delaware	Bioactive Injectable Implants for Functional Intervertebral Disc Regeneration	\$17,528	\$0	\$0
116	2021-06-05-98	University of Delaware	Tissue Engineered Total Disc Replacement in a Large Animal Model	\$17,528	\$0	\$0
117	2021-06-05-99	University of Delaware	Novel Platform to Evaluate in Vitro and in Vivo Toxicity of Engineered Food Related Nanoparticles	\$531,120	\$0	\$0
118	2021-06-06-01	University of Delaware	Characterization of Reproductive Tract Microbiome in Layer Hens	\$180,000	\$0	\$0
119	2021-06-06-02	University of Delaware	Investigating Genetic Drivers of Follicle Development in the Laying Hen	\$180,000	\$0	\$0
120	2021-06-06-03	University of Delaware	Building Capacity for PCOR About COVID-19 Vaccination in the Long-Term Care Workforce	\$0	\$0	\$111,229
121	2021-06-06-04	University of Delaware	NOAA NWS National Mesonet Program 2021	\$0	\$0	\$115,458
122	2021-06-06-05	University of Delaware	Establishing Protective Biomanufacturing Processes for Human Systems in Remote Environments	\$0	\$0	\$15,717
123	2021-06-06-06	University of Delaware	Total Inhalable Deposition in An Actuated Lung (TIDAL) Model For Generic Bioequivalence Studies Of Orally Inhaled And Nasal Drug Products (OINDP)	\$595,188	\$0	\$0

**Delaware State Clearinghouse Committee**  
**July Agenda**  
**Meeting to be Held Virtually - Meeting Information/Instructions Attached**  
**Anchor Location Haslet Armory, 122 Martin Luther King Jr. Blvd. S., Dover, DE 19901**  
**July 27, 2021 @ 10:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">N/A</a>	Judicial, Court of Chancery, Office of the Register	Judicial Case Manager I, 1.0 ASF FTE Request	\$0	\$0	\$0	0.00	1.00	0.00
2	<a href="#">2021-06-08-01</a>	Executive, Delaware State Housing Authority	Emergency Housing Vouchers - ARP COVID-19	\$395,436	\$0	\$0	0.00	0.00	0.00
3	<a href="#">5035</a>	Department of State, Veterans Home	Veterans Home One-Time Grant - ARP COVID-19	\$768,367	\$0	\$0	0.00	0.00	0.00
4	<a href="#">4882</a>	Department of Health and Social Services, Division of Public Health, Community Health	Immunization and Vaccines for Children Supplement - COVID-19	\$28,624,956	\$0	\$0	15.00	0.00	0.00
5	<a href="#">4901</a>	Department of Health and Social Services, Division of Public Health, Community Health	Community Health Workers for COVID Response	\$3,000,008	\$0	\$0	1.00	0.00	0.00
6	<a href="#">5003</a>	Department of Education, Student Support	School Nutrition Emergency Operational Costs - CRRSA COVID-19	\$2,741,894	\$0	\$0	0.00	0.00	0.00
7	<a href="#">5004</a>	Department of Education, Student Support	Child and Adult Care Food Program Emergency Operational Costs - CRRSA COVID-19	\$1,784,623	\$0	\$0	0.00	0.00	0.00
8	<a href="#">5034</a>	Department of Education, Academic Support	Individuals with Disabilities Education Act, Part B 611 - ARP COVID-19	\$8,512,874	\$0	\$0	0.00	0.00	0.00
9	<a href="#">5036</a>	Department of Education, Student Support	Emergency Assistance for Non-Public Schools - ARP COVID-19	\$3,889,481	\$0	\$0	0.00	0.00	0.00
10	<a href="#">5037</a>	Department of Education, Student Support	Pandemic-EBT Local Level Administrative Cost Grant - CRRSA COVID-19	\$100,000	\$0	\$0	0.00	0.00	0.00
11	<a href="#">5039</a>	Department of Education, Academic Support	Individuals with Disabilities Education Act, Part B 619 - ARP COVID-19	\$666,666	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">2021-04-23-02</a>	Executive, Delaware State Housing Authority	HOME Investment Partnership	\$3,000,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">2021-04-23-04</a>	Executive, Delaware State Housing Authority	Housing Opportunities for Persons with Aids	\$336,185	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2021-04-26-02</a>	Executive, Delaware State Housing Authority	Housing Trust Fund	\$3,101,884	\$0	\$0	0.00	0.00	0.00
4	<a href="#">4485 Amendment</a>	Department of State, Arts, Office of the Director	Promotion of the Arts-Partnership Agreement - ARP COVID-19	\$753,000	\$0	\$0	0.00	0.00	0.00
5	<a href="#">4863</a>	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
6	<a href="#">4878</a>	Department of Health and Social Services, Public Health, Community Health	Well-Integrated Screening & Evaluation for Women	\$500,000	\$166,667	\$0	1.20	0.00	0.00
7	<a href="#">4897</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Administration XIX	\$76,008,970	\$41,406,386	\$0	223.80	226.37	0.00
8	<a href="#">4898</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Services XIX-MAP22	\$1,242,973,000	\$748,223,067	\$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>

9	<a href="#">4899</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Children's Health Insurance Program	\$47,995,342	\$7,341,194	\$0	1.30	1.30	0.00
10	<a href="#">4900</a>	Department of Health and Social Services, Public Health, Community Health	Overdose Data to Action	\$5,327,830	\$0	\$0	10.60	0.00	0.00
11	<a href="#">4905</a>	Department of Health and Social Services, Public Health, Community Health	Personal Responsibility Education Program	\$250,000	\$0	\$0	0.00	0.00	0.00
12	<a href="#">4922</a>	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program (LIHEAP)	\$15,000,000	\$0	\$0	2.25	0.00	0.00
13	<a href="#">4952</a>	Department of Health & Human Services, Medicaid and Medical Assistance	Health Information Technology Initiatives-Provider Incentive Payments	\$3,057,650	\$320,850	\$0	0.00	0.00	0.00
14	<a href="#">4954</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives-Administration	\$1,456,736	\$161,860	\$0	1.80	0.20	0.00
15	<a href="#">4959</a>	Department of Health and Social Services, State Service Centers	AmeriCorps State Competitive	\$458,504	\$0	\$698,968	0.00	0.00	0.00
16	<a href="#">4970</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology & Lab Capacity Advanced Molecular Detection Technologies - CRRSA COVID-19	\$1,434,966	\$0	\$0	0.00	0.00	0.00
17	<a href="#">4971</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology & Lab Capacity Laboratory Response Network Supplement - CRRSA COVID-19	\$142,473	\$0	\$0	0.00	0.00	0.00
18	<a href="#">4981</a>	Department of Health and Social Services, Social Services	Delaware Senior Medicare Patrol Program Funds	\$241,734	\$0	\$0	1.00	0.00	0.00
19	<a href="#">4983</a>	Department of Health and Social Services, Social Services	Medicare Improvements for Patients and Providers Act - Area Agencies of Aging Directory Provider Services	\$23,730	\$0	\$0	0.00	0.00	0.00
20	<a href="#">4986</a>	Department of Health and Social Services, Public Health, Community Health	Maternal, Infant & Early Childhood Home Visiting Supplement - ARP COVID-19	\$345,040	\$0	\$0	0.00	0.00	0.00
21	<a href="#">4987</a>	Department of Health and Social Services, Social Services	Medicare Improvement for Patients and Providers Act - Agency and Disabilities Resource Center	\$17,970	\$0	\$0	0.00	0.00	0.00
22	<a href="#">2021-05-07-02</a>	Department of Health and Social Services, Administration, Office of the Secretary, Health Care Commission	Statewide Health Care Innovation Plan	\$0	\$0	\$500,000	0.00	0.00	0.00
23	<a href="#">4984</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families - CRRSA COVID-19	\$244,094	\$0	\$0	0.00	0.00	0.00
24	<a href="#">4985</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV, Part E - Education and Training Vouchers - CRRSA COVID-19	\$67,458	\$0	\$0	0.00	0.00	0.00
25	<a href="#">4827</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Shellfish Sanitation	\$22,910	\$0	\$0	0.00	0.00	0.00
26	<a href="#">4957</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Cooperating Technical Partnership Grant	\$106,890	\$0	\$0	0.60	0.00	0.00
27	<a href="#">4961</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Nonpoint Source Implementation Grant	\$1,223,200	\$663,134	\$159,000	3.36	2.80	0.00
28	<a href="#">4963</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Office of Environmental Protection, Air Quality	State Clean Diesel Grant Program	\$507,297	\$423,388	\$4,698,574	0.00	0.00	0.00
29	<a href="#">4979</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Joint Enforcement Agreement	\$265,393	\$796	\$0	1.95	0.00	0.00
30	<a href="#">4980</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Port Security Grant Program	\$355,757	\$118,587	\$0	0.00	0.00	0.00
31	<a href="#">3861 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Hockessin Cleaners Facility Removal Action	\$2,354	\$0	\$0	0.02	0.00	0.00
32	<a href="#">3864 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Sunrise Cleaners Facility Removal Action	\$2,354	\$0	\$0	0.02	0.00	0.00
33	<a href="#">3998 Amendment</a>	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	\$1,118	\$0	\$0	0.01	0.00	0.00

34	<a href="#">3999 Amendment</a>	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	\$1,118	\$0	\$0	0.01	0.00	0.00
35	<a href="#">4070 Amendment</a>	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	\$6,000	\$0	\$0	0.04	0.00	0.00
36	<a href="#">4935</a>	Department of Agriculture, Forest Service	State Fire Assistance	\$129,908	\$85,327	\$44,581	0.00	0.00	0.00
37	<a href="#">4936</a>	Department of Agriculture, Forest Service	Forest Stewardship	\$100,000	\$100,000	\$0	0.61	1.00	0.00
38	<a href="#">4944</a>	Department of Agriculture, Forest Service	Volunteer Fire Assistance	\$31,267	\$9,267	\$22,000	0.00	0.07	0.00
39	<a href="#">4945</a>	Department of Agriculture, Forest Service	Urban and Community Forestry	\$276,625	\$204,510	\$45,490	1.25	1.79	0.00
40	<a href="#">4946</a>	Department of Agriculture, Forest Service	Chesapeake Bay Watershed Project	\$27,000	\$81	\$26,919	0.00	0.00	0.00
41	<a href="#">4947</a>	Department of Agriculture, Forest Service	Forest Health Management and Monitoring Program	\$83,000	\$83,000	\$0	0.56	0.81	0.00
42	<a href="#">4968</a>	Department of Agriculture, Plant Industries	Spotted Lanternfly Survey	\$426,506	\$0	\$0	1.00	0.00	0.00
43	<a href="#">5027</a>	Department of Agriculture, Pesticides	Performance Partnership Grant	\$1,363,200	\$346,040	\$0	2.00	0.92	0.00
44	<a href="#">4058 Amendment</a>	Department of Education, Operations Support	Lead Testing in School and Child Care Program	\$88,000	\$0	\$0	0.00	0.00	0.00
45	<a href="#">4915 Amendment</a>	Department of Education, Office of Early Learning	Early Head Start - ARP COVID-19	\$172,296	\$0	\$0	0.00	0.00	0.00

#### Higher Education

1	4929	Delaware Technical Community College	Educational Talent Search - Owens	\$0	\$0	\$139,279			
2	4521 Amendment	Delaware Technical Community College	Higher Education Emergency Relief Fund	\$0	\$0	\$224,745			
3	4640 Amendment	Delaware Technical Community College	Higher Education Emergency Relief Fund Operational	\$0	\$0	\$171,000			
4	2021-07-10-01	Delaware State University	PARTNERSHIP: Photon-Induced Abiotic Stress Conditions Optimization for Improved Malted Barely Quality and Processing Conditions	\$199,998	\$0	\$0			
5	2021-07-10-02	Delaware State University	US Embassy Abidjan, Public Affairs Section	\$40,000	\$0	\$0			
6	2021-07-10-03	Delaware State University	University Center for Economic Development and International Trade (UCEDIT)	\$2,007,207	\$0	\$0			
7	2021-07-10-04	Delaware State University	Capacity: Biological Collections: Curatorial Upgrade and Digital Uncovering of the Hidden Treasure of Delaware to Safeguard and Increase Access to Centuries of Botanical Legacy.	\$564,462	\$0	\$0			
8	2021-07-10-05	Delaware State University	Vesicular Acetylcholine Transporter Function in the Central Nervous System.	\$963,461	\$0	\$0			
9	2021-07-10-06	Delaware State University	Generation of Enhancer-Free Singlet Oxygen in Aqueous Environments	\$971,136	\$0	\$0			
10	2021-07-10-07	Delaware State University	Hatchery in a Box: Bolstering DE's Shellfish Aquaculture and Restoration Efforts	\$99,737	\$0	\$0			
11	2021-07-10-08	Delaware State University	Biologics that Leverage Immunization to Target Cancer	\$401,500	\$0	\$0			
12	2021-07-10-09	Delaware State University	Radiometric Measurement Using Lithium Niobate Imaging	\$49,943	\$0	\$0			
13	2021-07-10-10	Delaware State University	NOAA Living Marine Resources Cooperative Science Center	\$1,597,000	\$0	\$0			

14	2021-07-10-11	Delaware State University	The Neuropathology of Cerebellum in Spinal Muscular Atrophy	\$437,995	\$0	\$0
15	2021-07-10-12	Delaware State University	Excellence in Research: Collaborative Research: Interactive Effects of Dietary Fat and Gut Microbiota on Neurobehavioral Development in Gallus Gallus (Supplemental Funding)	\$124,947	\$0	\$0
16	2021-07-10-13	Delaware State University	Quantum Science Research and Education at Delaware State University – Investigation of a Quantum Gyroscope Using a 87Rb–129Xe Atomic Spin Comagnetometer	\$100,000	\$0	\$0
17	2021-07-10-14	Delaware State University	Forebrain Cholinergic System and Age-Related Alterations in Emotional Regulation	\$75,250	\$0	\$0
18	2021-07-03-01	University of Delaware	Development of Biological Control Methods for Management of Spotted Lanternfly	\$20,919	\$0	
19	2021-07-03-02	University of Delaware	NSF Convergence Accelerator Track E: Building a Long-Term Underwater Economy Advancing Technology, Ecology, Cultural Resources (BLUE TEC)	\$676,126	\$0	\$0
20	2021-07-03-03	University of Delaware	Lab-Scale Production of Coal-Derived Graphene Particle Bonded Filaments	\$633,031	\$0	\$0
21	2021-07-03-04	University of Delaware	MCS Communication Test	\$0	\$0	\$31,500
22	2021-07-03-05	University of Delaware	Social Media Use and Adolescent Girls' Development of Body Image Concerns: A Multi-Method Longitudinal Investigation of Specific Mechanisms Underlying Proximal and Distal Body Image Concerns	\$1,911,774	\$0	\$0
23	2021-07-03-06	University of Delaware	FY2021 Water Resources Research Act Program Annual Base Grants	\$125,000	\$0	\$0
24	2021-07-03-07	University of Delaware	Delaware SEU Energy Assessment Program	\$0	\$0	\$66,928
25	2021-07-03-08	University of Delaware	Graph-Based Execution and Programming Paradigms for Data Centers	\$0	\$0	\$23,810
26	2021-07-03-09	University of Delaware	Gamified Concussion Assessment	\$0	\$0	\$88,607
27	2021-07-03-10	University of Delaware	NSF IPA LIAW	\$175,135	\$0	\$0
28	2021-07-03-11	University of Delaware	Collaborative Research: SHF: Small: Applying HPC Paradigms to Design Autonomous Machine Systems	\$164,446	\$0	\$0
29	2021-07-03-12	University of Delaware	Understanding How Age, Knee Osteoarthritis, and Symptoms Influence the Structure and Variance of Real-World Gait Mechanics	\$298,784	\$0	\$0
30	2021-07-03-13	University of Delaware	Developing Graphic Narratives to Promote Lifestyle and Behavioral Change Among African Americans and Latinos	\$100,000	\$0	\$0
31	2021-07-03-14	University of Delaware	Suppressing Osteolysis in Breast Cancer Via Piezo1 Activation in Bone Cells	\$2,689,748	\$0	\$0
32	2021-07-03-15	University of Delaware	Hydrogel-Based Antifibrotic Therapy for Vocal Fold Scarring	\$275,000	\$0	\$0
33	2021-07-03-16	University of Delaware	Investigating Autophagic Degradation of Tau Mediated by Polyubiquitination	\$275,000	\$0	\$0
34	2021-07-03-17	University of Delaware	Moderating Support for One and 1/2 Virtual FHWA Peer Exchanges	\$0	\$0	\$16,900
35	2021-07-03-18	University of Delaware	Persistence of Cover Crops to Improve Soil Health	\$598,310	\$0	\$0
36	2021-07-03-19	University of Delaware	Bioavailability Estimation of Rumen-Protected Products	\$0	\$0	\$15,232
37	2021-07-03-20	University of Delaware	Researching the Causes of Underutilized US Marine Fish Stocks	\$0	\$0	\$5,569
38	2021-07-03-21	University of Delaware	In Pursuit of K-12 School Finance Equity: A Tale Untold	\$0	\$0	\$49,506
39	2021-07-03-22	University of Delaware	Early Cover Crop Opportunities Using High Boy Interseeding: On-Farm Evaluation of Environmental, Financial and Social Adoption	\$0	\$0	\$43,241

40	2021-07-03-23	University of Delaware	Whole Farm Planning for the 21st Century: Increasing Resilience by Integrating Health Insurance and Childcare into Curricula	\$0	\$0	\$62,590
41	2021-07-03-24	University of Delaware	Collagen-Mediated Approaches to Improve the Local Delivery and Hypothermic Release of Osteoarthritis Therapeutics	\$2,263,410	\$0	\$0
42	2021-07-03-25	University of Delaware	MCAO Provencal Salary	\$0	\$0	\$124,413
43	2021-07-03-26	University of Delaware	High-Throughput, High-Pressure Small-Angle Neutron Scattering Sample Environment	\$0	\$0	\$104,138
44	2021-07-03-27	University of Delaware	Multicenter Career Development Program for Physical and Occupational Therapy	\$0	\$0	\$31,000
45	2021-07-03-28	University of Delaware	Behavioral and Computational Processes of Motor Learning in Parkinson Disease	\$0	\$0	\$125,000
46	2021-07-03-29	University of Delaware	The Payload for Ultrahigh Energy Observations (PUEO): A Long-Duration Balloon-Borne Instrument for Particle Astrophysics at the Highest Energies	\$0	\$0	\$155,736
47	2021-07-03-30	University of Delaware	Dissimilatory Nitrate Reduction to Ammonium (DNRA): A Key Knowledge Gap and Missing N Component in Water Quality Models and BMP Assessments	\$595,146	\$0	\$0
48	2021-07-03-31	University of Delaware	Precision Measurement of Nuclear Properties Through Entanglement-Enhanced High-Resolution Isotope Shift Spectroscopy	\$0	\$0	\$68,626
49	2021-07-03-32	University of Delaware	Molecular Mechanism of Atomic Layer Etching: The Role of Surface Defects	\$485,243	\$0	\$0
50	2021-07-03-33	University of Delaware	University of Delaware Sub-Saharan Africa Women's Leadership	\$0	\$0	\$219,597
51	2021-07-03-34	University of Delaware	Chinese Private Entrepreneurs in China's Policy Making	\$0	\$0	\$15,000
52	2021-07-03-35	University of Delaware	Exploring New Composite Materials, Design and Manufacturing Tasks Proposed to Improve Radome Performance	\$0	\$0	\$185,463
53	2021-07-03-36	University of Delaware	PARTNERSHIP: Probing the Impacts of Techniques Aimed to Lower Inorganic Arsenic in Rice on Human Toxicity and Shifts in the Gut Microbiome	\$682,777	\$0	\$0
54	2021-07-03-37	University of Delaware	The Evolution and Characteristics of Turbulent Coherent Structures Over Surface Waves	\$251,465	\$0	\$0
55	2021-07-03-38	University of Delaware	Collaborative Research: US TUBITAK: Revealing the Hidden Diversity of Leucocytozoon Parasites and the Evolution of Host Cell Manipulation	\$500,124	\$0	\$0
56	2021-07-03-39	University of Delaware	Track 5: Technology Translation Services to Democratize Advanced Cyberinfrastructure	\$0	\$0	\$545,199
57	2021-07-03-40	University of Delaware	Adding Insult to Injury: The Effects of Repetitive Neurotrauma on Age-Related Decline in Females and Males	\$3,037,333	\$0	\$0
58	2021-07-03-41	University of Delaware	Racial Disparities in Age-Related Trajectories of Discrimination and Blood Pressure Over the Life Course	\$124,598	\$0	\$0
59	2021-07-03-42	University of Delaware	Urban Governance Mechanisms to Combat the Climate Crisis: The Tale of Smart Cities	\$0	\$0	\$14,717
60	2021-07-03-43	University of Delaware	Water and Residue Management as Drivers of Rice Soil Health	\$524,178	\$0	\$0
61	2021-07-03-44	University of Delaware	Professional Coaching to Improve Bookworms Reading & Writing Curriculum Implementation	\$0	\$0	\$7,720
62	2021-07-03-45	University of Delaware	IUCRC Phase I University of Delaware: Center for Emergent Hierarchical Materials (CHEM)	\$450,268	\$0	\$0
63	2021-07-03-46	University of Delaware	NSF Convergence Accelerator Track E: Creating a Global Phenomic Network for Reef Building Corals	\$537,150	\$0	\$0
64	2021-07-03-47	University of Delaware	Collaborative Research: CPS: Medium: An Online Learning Framework for Socially Emerging Mixed Mobility	\$245,253	\$0	\$0
65	2021-07-03-48	University of Delaware	Epigenetic Mechanisms of Neuromotor Dysfunction in Spastic Cerebral Palsy	\$0	\$0	\$114,131

66	2021-07-03-49	University of Delaware	Remote Diet and Exercise for Diabetes and Arthritis (Ready) Trial	\$400,000	\$0	\$0
67	2021-07-03-50	University of Delaware	Coaching to Support ELA Teachers in the Implementation of Evidence-Based Instructional Practices	\$0	\$0	\$2,574
68	2021-07-03-51	University of Delaware	Targeted Conservation: A Coupled Hydro-Economic Modeling Approach to Maximizing Water Availability Across the Mississippi River Basin	\$649,572	\$0	\$0
69	2021-07-03-52	University of Delaware	A Bias-Free Phase Modulation Photonic Link and Interference Cancellation	\$0	\$0	\$47,565
70	2021-07-03-53	University of Delaware	University of Delaware NMP11	\$0	\$0	\$92,000
71	2021-07-03-54	University of Delaware	Mechanism of Aberrant BMP2 Signaling in Osteoblasts from Patients Diagnosed with Osteoporosis	\$1,947,516	\$0	\$0
72	2021-07-03-55	University of Delaware	Conditioning Propulsive Force Generation During Walking Practice After Stroke	\$275,002	\$0	\$0
73	2021-07-03-56	University of Delaware	Black Teachers Matter: Co-Constructing a Black Preservice Teacher Network to Improve the Experiences and Retention of Black Preservice Teachers in Teacher Education Programs	\$0	\$0	\$72,758
74	2021-07-03-57	University of Delaware	Developmental Trajectories of Parent-Adolescent Cohesion and Individual and Structural Factors on Adolescents' Math and Science Achievement: Variations by Socio-Demographic Factors	\$0	\$0	\$34,954
75	2021-07-03-58	University of Delaware	Formulation of Multi-Cargo, Microgel-Based Materials for Directing Adventitial Cell Responses	\$275,000	\$0	\$0
76	2021-07-03-59	University of Delaware	Effect of Demographics, Impairment Severity, and COVID-19 on the Treatment Patterns and Developmental Outcomes of Children with and Without Autism Spectrum Disorder (ASD)	\$1,999,984	\$0	\$0
77	2021-07-03-60	University of Delaware	Microrobots for Engineering User Defined Prostate Cell Populations	\$399,998	\$0	\$0
78	2021-07-03-61	University of Delaware	Documentation of a B-24 Loss (Tentatively 9931) Vis, Croatia	\$0	\$0	\$34,375
79	2021-07-03-62	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	\$335,218
80	2021-07-03-63	University of Delaware	NSF Convergence Accelerator Track E: Commercialization of Aquatic and Scientific Technologies (COAST)	\$530,595	\$0	\$0
81	2021-07-03-64	University of Delaware	Two Sides: Grief and Resilience in Health Sciences Students	\$0	\$0	\$1,000
82	2021-07-03-65	University of Delaware	Modulating Cellular Hypoxia Using Micromotors	\$274,995	\$0	\$0
83	2021-07-03-66	University of Delaware	Heading and Soccer: Understanding Cognitive Risks, Benefits, and the Potential Mediating Role of White Matter	\$0	\$0	\$130,182
84	2021-07-03-67	University of Delaware	Empowering our Next Generation with Critical Thinking and Geospatial Skills	\$0	\$0	\$20,433
85	2021-07-03-68	University of Delaware	Hatchery in a Box: Bolstering DE's Shellfish Aquaculture and Restoration Efforts	\$0	\$0	\$45,143
86	2021-07-03-69	University of Delaware	Adapting Supported Decision Making to Promote Wellbeing and Improve Health Outcomes for Persons Living with Alzheimer's Disease and Alzheimer's Disease Related Dementias	\$0	\$0	\$104,332
87	2021-07-03-70	University of Delaware	Development of Biological Control Methods for Management of Spotted Lanternfly	\$20,919	\$0	\$0
88	2021-07-03-71	University of Delaware	Advanced Optics Based Magnetic Field Diagnostic for NWE Testing	\$0	\$0	\$31,250
89	2021-07-03-72	University of Delaware	Assessment of Fiber-Reinforced Hydrogel Systems: Fundamental Factors for Effective Enhancement	\$0	\$0	\$58,460
90	2021-07-03-73	University of Delaware	Agricultural Stressors on Ecosystem Resiliency in the Delaware Estuary	\$545,697	\$0	\$0

91	2021-07-03-74	University of Delaware	Automated Continuous Carbon Fiber-Reinforced Thermoset Composite 3D Printing System	\$0	\$0	\$49,689
92	2021-07-03-75	University of Delaware	FCC NDBEDP National Deaf-Blind Equipment Distribution Program	\$59,428	\$0	\$0
93	2021-07-03-76	University of Delaware	Sustainable Aviation Fuels from Waste Lignocellulosic Biomass	\$0	\$0	\$851,350
94	2021-07-03-77	University of Delaware	COVID Relief for the AESOP-Lite Balloon Mission	\$99,950	\$0	\$0
95	2021-07-03-78	University of Delaware	NSF Student Travel Grant for IEEE Cluster 2021	\$3,750	\$0	\$0
96	2021-07-03-79	University of Delaware	Digital Engineering and Manufacturing Development (DEMAND)	\$9,779,574	\$0	\$0
97	2021-07-03-80	University of Delaware	The Influence of Capsule Composition on Lens Biology	\$1,250,000	\$0	\$0
98	2021-07-03-81	University of Delaware	Microrobots for Spatio-Temporal Control of Cellular Differentiation	\$357,650	\$0	\$0
99	2021-07-03-82	University of Delaware	Intelligence, Surveillance, Reconnaissance (ISR) Using Machine Learning	\$0	\$0	\$14,680
100	2021-07-03-83	University of Delaware	The Role of Birth Signaling Hormones in Neurodevelopment and Autism Spectrum Disorders	\$0	\$0	\$90,000
101	2021-07-03-84	University of Delaware	Force-Based Manipulations Research Network	\$0	\$0	\$41,485
102	2021-07-03-85	University of Delaware	The Role of Genetic and Non-Genetic Factors and Causal Mechanisms Underlying Cataract Susceptibility for Better Risk Prediction	\$0	\$0	\$419,998
103	2021-07-03-86	University of Delaware	Collaborative Research: Injection of Desalination Brine into the Saline Coastal Aquifer - Strategies for and Feasibility of an Environmentally Friendly Solution for Brine Disposal	\$135,808	\$0	\$0
104	2021-07-03-87	University of Delaware	Stable Radical Scavengers for Highly Durable PEMFC Membranes	\$0	\$0	\$117,740
105	2021-07-03-88	University of Delaware	Photon Upconversion Proof-of-Concept in Epitaxially-Grown III-V Materials	\$194,723	\$0	\$0
106	2021-07-03-89	University of Delaware	Back from the Past? Assessing Potential of Relict, Hydric Soils for Wetland and Floodplain Restorations	\$151,362	\$0	\$0
107	2021-07-03-90	University of Delaware	CIFAR Co-Director Humans & the Microbiome Program 2021-2022	\$0	\$0	\$56,619
108	2021-07-03-91	University of Delaware	North East Regional Soil Survey Conference 2022	\$13,637	\$0	\$0
109	2021-07-03-92	University of Delaware	A Plan for NASA EPSCoR Research Infrastructure Development (RID) in Delaware	\$625,000	\$0	\$0
110	2021-07-03-93	University of Delaware	Alkali Metal Alloying for All-Vapor Processed Perovskite Solar Cells	\$187,500	\$0	\$0
111	2021-07-03-94	University of Delaware	Graft Site Tendon Morphology and Knee Gait Biomechanics After Anterior Cruciate Ligament Reconstruction Using Bone-Patellar Tendon-Bone Autograft	\$0	\$0	\$1,000
112	2021-07-03-95	University of Delaware	Assessing the Distribution, Sources, and Fate of Per- and Polyfluorinated Alkyl Substances (PFAS) Across the Land-Sea Transition	\$249,206	\$0	\$0
113	2021-07-03-96	University of Delaware	Physics for Social Good: A Data Science Service Learning Program for Physics Students	\$0	\$0	\$34,606
114	2021-07-03-97	University of Delaware	Cornerstone West CDC 2 PADE 20/21 Partner Organization Supplemental Funds	\$0	\$0	\$7,920
115	2021-07-03-98	University of Delaware	High Thermal Conductivity TiO2 Nanofluids for Space-Flight Radiators	\$417,049	\$0	\$0
116	2021-07-03-99	University of Delaware	From Egg Yolk to Brain, a Biomimetic Study of Transient Cerebrospinal Fluid (CSF) Flow Under External Impacts	\$0	\$0	\$112,548



117	2021-07-04-01	University of Delaware	Mesothelial Mechanotransduction as a Key Regulator of Embryonic Lung Growth	\$14,893	\$0	\$0	
118	2021-07-04-02	University of Delaware	Wastewater Treatment Plants as Sources of Per- and Polyfluoroalkyl Substances (PFAS) in Natural Waters in the Delaware River Basin	\$249,847	\$0	\$0	
119	2021-07-04-03	University of Delaware	Signal Processing Project	\$0	\$0	\$6,000	
120	2021-07-04-04	University of Delaware	COVID RBD Production	\$0	\$0	\$194,016	
121	2021-07-04-05	University of Delaware	DOE 2378-1694: Novel Inorganic Passivation of Perovskite Solar Cells	\$202,500	\$0	\$0	
122	2021-07-04-06	University of Delaware	Genetic Tools to Optimize Lignocellulose Conversion in Anaerobic Fungi and Interrogate Their Genomes	\$365,319	\$0	\$0	
123	2021-07-04-07	University of Delaware	Cooperative Extension Service Immunization Education	\$0	\$0	\$223,371	
124	2021-07-04-08	University of Delaware	Genetic Diversity of Infectious Bronchitis Viruses in the Enteric and Respiratory Tracts After Field Vaccination as Determined by the Sequencing of Individual Virions	\$0	\$0	\$68,041	
125	2021-07-04-09	University of Delaware	3D MHD Modeling of Obliquely Rotating Massive-Star Magnetospheres	\$393,580	\$0	\$0	
126	2021-07-04-10	University of Delaware	Mesoscale-Informed Processing of Clays into Structures: From Microscale Physical Chemistry to Macroscale Mechanics	\$0	\$0	\$183,834	
127	2021-07-04-11	University of Delaware	Regional Center Plant Diagnostic Facility - National Plant Diagnostic Network for the Food and Agriculture Defense Initiative	\$0	\$0	\$27,768	
128	2021-07-04-12	University of Delaware	The Impact of Cultural Practices, Media Exposure, and Family Communication About Meat Consumption Behavior in Cancer-Related Disparities	\$1,846,516	\$0	\$0	
129	2021-07-04-13	University of Delaware	Interpreting AI Models with Symbolic Metamodels and Genetic Programming	\$0	\$0	\$47,600	
130	2021-07-04-14	University of Delaware	Policing in Schools: Who Gets it, What it Does, and Why it Happens	\$0	\$0	\$74,357	
131	2021-07-04-15	University of Delaware	The Impacts of Global Large-Scale Land Acquisitions on Local Socio-Ecological Systems	\$0	\$0	\$48,750	
132	2021-07-04-16	University of Delaware	Feasibility and Impact of Harvest Weed Seed Control in Corn	\$0	\$0	\$4,545	
133	2021-07-04-17	University of Delaware	Assessment of Saltmarsh in Delaware Bay for Tidal Marsh Birds	\$27,234	\$0	\$0	
134	2021-07-04-18	University of Delaware	Improving ECE Workforce Well-Being Within Head Start: Evaluating the Be Well Care Well Program	\$0	\$0	\$40,529	
135	2021-07-04-19	University of Delaware	Project - GEOMACARE - Expanding Georgian Educational and Management Capacity in Aquatic Resources	\$18,478	\$0	\$0	
136	2021-07-04-20	University of Delaware	Foundations of a New Cropping System for Salt Inundated Land Ecology and Genomics of Saltgrass ( <i>Distichlis Spicata</i> )	\$0	\$0	\$178,946	
137	2021-07-04-21	University of Delaware	Functional Consequences of Plasmalogens - Membrane Curvature and Lipid Miscibility	\$2,500	\$0	\$0	
138	2021-07-04-22	University of Delaware	Combined Effect of User-Driven Treadmill with Functional Electrical Stimulation for Post-Stroke Gait Rehabilitation (UDTM+FES)	\$1,343,694	\$0	\$0	
139	2021-07-04-23	University of Delaware	Shining the Light on You: Promoting Well-Being for Early Head Start-Family Child Care Educators	\$974,778	\$0	\$0	
140	2021-07-04-24	University of Delaware	Acquisition of Goods and Services	\$24,136	\$0	\$0	
141	2021-07-04-25	University of Delaware	Scaling Climate Smart Agriculture Tools, Resources, and Extension Outreach for the Northeast	\$0	\$0	\$52,503	
142	2021-07-04-26	University of Delaware	Targeting Mechanosignaling in Pediatric Brain Cancer	\$0	\$0	\$500,000	Revised 7/21/21

**Delaware State Clearinghouse Committee**  
**Revised August Agenda**  
**Meeting to be Held Virtually - Meeting Information/Instructions Attached**  
**Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901**  
**August 17, 2021 @ 10:00am**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Federal	Positions State	Other
New Business*									
1	<a href="#">2021-06-23-01</a>	Executive, Delaware State Housing Authority	Emergency Rental Assistance 2 - ARP COVID-19	\$152,000,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">2.0 NSF FTEs</a>	Department of Justice for the Office of the Lieutenant Governor	Opioid Settlement Fund 2.0 NSF FTEs Request	\$0	\$0	\$0	2.00	0.00	0.00
3	<a href="#">4917</a>	Department of Health and Social Services, Division of Public Health, Community Health	Low-Income Household Water Assistance Program - CRRSA COVID-19	\$1,587,923	\$0	\$0	0.00	0.00	0.00
4	<a href="#">4991</a>	Department of Health and Social Services, Division of Public Health, Community Health	Low-Income Household Water Assistance Program - ARP COVID-19	\$1,244,454	\$0	\$0	0.00	0.00	0.00
5	<a href="#">5043</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - ARP COVID-19	\$548,261	\$0	\$0	0.00	0.00	0.00
6	<a href="#">5045</a>	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families - Pandemic Emergency Assistance - ARP COVID-19	\$2,075,070	\$0	\$0	0.00	0.00	0.00
7	<a href="#">5047</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Adult Protective Services- ARP COVID-19	\$645,450	\$0	\$0	0.00	0.00	0.00
8	<a href="#">BP 2917 Switch Fund</a>	Department of Correction, Medical Treatment and Services	BP 2917 Switch Fund Request 1.0 ASF to 1.0 GF	\$0	\$0	\$0	0.00	1.00	0.00
9	<a href="#">5005</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Development of an Aquatic Invasive Species Management Plan	\$14,065	\$14,107	\$0	0.00	0.00	0.00
10	<a href="#">5025</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substance	Delaware City PVC OU-3 Remedial Investigation/Feasability Study	\$5,072	\$0	\$0	0.04	0.00	0.00
11	<a href="#">4909</a>	Department of Transportation, Office of the Secretary, Finance Division	Operating and Preventative Maintenance 5311 Rural – CRRSA COVID-19	\$18,606,707	\$0	\$0	0.00	0.00	0.00
12	<a href="#">BP 67247 Switch Fund</a>	Department of Services for Children, Youth and Their Families, Office of the Director, Family Services	BP 67247 Switch Fund Request 1.0 GF to 1.0 ASF	\$0	\$0	\$0	0.00	1.00	0.00
13	<a href="#">4880 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology & Lab Capacity Reopening Schools – CRRSA COVID-19 Technical Adjustment to Position Classifications	\$0	\$0	\$0	0.00	0.00	0.00

**Continued**

1	<a href="#">4992</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improve for Patients & Provider Act - State Health Insurance Assistance Program	\$28,197	\$14,352	\$0	0.90	0.30	0.00
2	<a href="#">4993</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improve for Patients & Provider Act - Area on Aging	\$27,372	\$0	\$0	0.10	0.00	0.00
3	<a href="#">4994</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improve for Patients & Provider Act - Aging and Disability Resource Center	\$16,374	\$0	\$0	0.10	0.00	0.00
4	<a href="#">4890</a>	Department of Health and Social Services, Public Health, Community Health	Hospital Preparedness Program	\$1,086,723	\$108,998	\$0	2.15	0.00	0.00
5	<a href="#">4902</a>	Department of Health and Social Services, Public Health, Community Health	Maternal, Infant & Early Childhood Home Visiting Grant	\$3,719,752	\$1,219,950	\$0	1.50	0.00	0.00
6	<a href="#">4934</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III, Part B - Supportive Services	\$1,751,546	\$2,203,892	\$0	12.50	17.50	0.00

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

7	<a href="#">4937</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III, Part C-1 - Congregate Meals	\$2,169,045	\$1,226,410	\$0	3.75	7.00	0.00
8	<a href="#">4938</a>	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	\$1,076,146	\$2,238,512	\$0	0.00	0.00	0.00
9	<a href="#">4939</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III, Part E - National Family Caregivers Support	\$723,681	\$270,000	\$0	3.00	0.00	0.00
10	<a href="#">4940</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III Disease Prevention and Health Promotion	\$98,661	\$0	\$0	0.00	0.00	0.00
11	<a href="#">4941</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title VII Ombudsman Activity	\$79,314	\$0	\$0	0.00	0.00	0.00
12	<a href="#">4942</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title VII Elder Abuse Prevention	\$23,832	\$0	\$0	0.00	0.00	0.00
13	<a href="#">4943</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Nutrition Services Incentive Plan	\$466,497	\$0	\$0	0.00	0.00	0.00
14	<a href="#">4972</a>	Department of Health and Social Services, Social Services	Child Care Development - Discretionary	\$17,202,305	\$0	\$0	8.76	0.00	0.00
15	<a href="#">4973</a>	Department of Health and Social Services, Social Services	Temporary Assistance For Needy Families	\$32,290,979	\$29,028,092	\$0	126.75	0.00	0.00
16	<a href="#">4974</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program	\$16,500,000	\$16,272,887	\$0	62.63	62.63	0.00
17	<a href="#">4996</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration /Community Services	Senior Community Service Employment Program	\$1,716,108	\$1,064	\$190,080	0.75	0.00	0.00
18	<a href="#">5001</a>	Department of Health and Social Services, State Service Centers	AmeriCorps State Formula	\$736,531	\$0	\$0	0.00	0.00	0.00
19	<a href="#">5002</a>	Department of Health and Social Services, State Service Centers	AmeriCorps State Formula Fixed Amount	\$27,200	\$0	\$0	0.00	0.00	0.00
20	<a href="#">5019</a>	Department of Health and Social Services, State Service Centers	Access & Visitation Program	\$100,000	\$11,111	\$0	0.00	0.00	0.00
21	<a href="#">5021</a>	Department of Health and Social Services, State Service Centers	Community Services Block Grant	\$3,855,129	\$0	\$0	1.75	0.00	0.00
22	<a href="#">5040</a>	Department of Health and Social Services, Public Health, Community Health	Preventive Health and Health Services Block Grant	\$285,248	\$0	\$0	0.00	0.00	0.00
23	<a href="#">4425 Amendment</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Services XIX-MAP	\$604,070,649	\$148,641,627	\$0	0.00	0.00	0.00
24	<a href="#">4969</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Groundwater Protection	\$979,581	\$0	\$0	2.00	0.00	0.00
25	<a href="#">4976</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Beaches Environmental Assessment and Coastal Health	\$206,000	\$0	\$0	0.00	0.00	0.00
26	<a href="#">4982</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	White-Nose Syndrome Grants to States	\$28,508	\$0	\$0	0.07	0.00	0.00
27	<a href="#">4990</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Rare Plant Conservation Program	\$10,500	\$3,500	\$0	0.02	0.00	0.00
28	<a href="#">4998</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Riparian and Conservation Practice Partnership	\$75,000	\$25,080	\$0	0.00	0.17	0.00
29	<a href="#">4999</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Dam Safety Program	\$42,180	\$0	\$0	0.00	0.00	0.00
30	<a href="#">5009</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Community Assistance Program	\$120,419	\$30,105	\$0	0.70	0.11	0.00

31	<a href="#">5033</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Overcoming Barriers to Wetland Mitigation/Restoration	\$599,273	\$200,349	\$0	0.00	0.49	0.00
32	<a href="#">4134 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Halby Chemical Cooperative Agreement	\$3,244	\$0	\$0	0.03	0.00	0.00
33	<a href="#">4226 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Tidal Boating and Fishing Access Areas Design and Construction	\$1,190,000	\$818,687	\$0	0.00	0.00	0.00
34	<a href="#">4977</a>	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Instant Criminal Background Check System Act Record Improvement Program	\$187,500	\$0	\$0	0.00	0.00	0.00
35	<a href="#">4978</a>	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Criminal History Improvement Program	\$212,625	\$23,625	\$0	0.00	0.00	0.00
36	<a href="#">4988</a>	Department of Safety and Homeland Security, State Police, Criminal Investigation	Port Security Grant Program	\$75,000	\$25,000	\$0	0.00	0.00	0.00
37	<a href="#">5042</a>	Department of Safety and Homeland Security, Office of the Secretary, Division of Forensic Science	DNA Capacity Enhancement & Backlog Reduction Program	\$461,430	\$0	\$0	0.00	0.00	0.00
38	<a href="#">2021-06-28-01</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Radiological Emergency Preparedness Program	\$0	\$0	\$1,343,272	0.00	0.00	10.70
39	<a href="#">5029</a>	Delaware National Guard	Air National Guard Operations and Maintenance Agreement	\$4,645,056	\$567,912	\$0	44.00	4.00	0.00
40	<a href="#">5030</a>	Delaware National Guard	Army National Guard Environmental Resource Management Agreement	\$536,188	\$0	\$0	4.00	0.00	0.00
41	<a href="#">5031</a>	Delaware National Guard	Air National Guard Security Guard Agreement	\$1,831,202	\$0	\$0	21.00	0.00	0.00
42	<a href="#">5032</a>	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	\$16,466,237	\$4,457,921	\$0	20.00	11.00	0.00
43	<a href="#">5010</a>	Department of Education, Student Support	Child Nutrition State Administrative Expense	\$1,175,146	\$297,591	\$0	4.05	2.50	0.00
44	<a href="#">5011</a>	Department of Education, Student Support	School Breakfast Program	\$15,949,336	\$0	\$0	0.00	0.00	0.00
45	<a href="#">5012</a>	Department of Education, Student Support	School Lunch Program	\$41,125,943	\$487,127	\$0	0.00	0.00	0.00
46	<a href="#">5013</a>	Department of Education, Student Support	Special Milk Program	\$3,100	\$0	\$0	0.00	0.00	0.00
47	<a href="#">5014</a>	Department of Education, Student Support	Child and Adult Care Food Program	\$18,972,286	\$0	\$0	2.00	0.00	0.00
48	<a href="#">5015</a>	Department of Education, Student Support	Child and Adult Care Food Program Cash In Lieu	\$937,106	\$0	\$0	0.00	0.00	0.00
49	<a href="#">5016</a>	Department of Education, Student Support	Child and Adult Care Food Program	\$604,952	\$0	\$0	0.00	0.00	0.00
50	<a href="#">5017</a>	Department of Education, Student Support	Summer Food Service Program	\$2,707,804	\$0	\$0	0.45	0.00	0.00
51	<a href="#">5018</a>	Department of Education, Student Support	Fresh Fruit and Vegetables	\$2,320,861	\$0	\$0	0.00	0.00	0.00
52	<a href="#">5020</a>	Department of Education, Student Support	Equipment Assistance Grant	\$89,873	\$0	\$0	0.00	0.00	0.00

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1	<a href="#">4929</a>	Delaware Technical Community College	Educational Talent Search - Owens - RESTATED	\$1,816,810	\$0	<del>\$139,279</del>			
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2	<a href="#">4521 Amendment</a>	Delaware Technical Community College	Higher Education Emergency Relief Fund - RESTATED	\$16,841,702	\$0	<del>-\$224,745</del>
3	<a href="#">4640 Amendment</a>	Delaware Technical Community College	Higher Education Emergency Relief Fund Operational - RESTATED	\$16,386,735	\$0	<del>-\$171,000</del>
4	<a href="#">4930</a>	Delaware Technical Community College	Federal Direct Student Loan Program	\$18,517,077	\$0	\$0
5	<a href="#">4924</a>	Delaware Technical Community College	PELL DTCC	\$20,613,529	\$0	\$0
6	<a href="#">5048</a>	Delaware Technical Community College	Federal Supplemental Educational Opportunity Grants (FSEOG) DTCC	\$412,790	\$137,597	\$0
7	<a href="#">4906</a>	Delaware Technical Community College	Federal Work Study DTCC	\$387,894	\$112,617	\$0
8	<a href="#">2020-05-16-09 Amendment</a>	Delaware State University	Higher Education Emergency Relief Fund - IHE/Institution	\$5,676,486	\$0	\$0
9	<a href="#">2020-05-16-10 Amendment</a>	Delaware State University	Higher Education Emergency Relief Fund - IHE/Institution	\$12,052,130	\$0	\$0
10	<a href="#">2021-08-14-01</a>	Delaware State University	Port of Albany - Rensselaer Wturgeon Monitoring Project	\$0	\$0	\$60,381
11	<a href="#">2021-08-14-02</a>	Delaware State University	Identifying Environmental Drivers of American Eel Emigration in the Delaware River (DE, NJ, NY, PA)	\$225,177	\$0	\$0
12	<a href="#">2021-08-08-17</a>	Delaware State University	Appropriate Consensus Algorithm for Blockchain Distributed Ledger Technologies fo Food Processing	\$156,233	\$0	\$0
13	<a href="#">2021-08-08-18</a>	Delaware State University	A Peer-Based Ecosystem Approach to Elevate Immersion in Information Science Gateway Courses	\$740,615	\$0	\$0
14	<a href="#">2021-08-08-19</a>	Delaware State University	DE Native American Beginning Farmer Education Initiative Supplemental Funds	\$200,000	\$0	\$0
15	<a href="#">2021-08-08-20</a>	Delaware State University	Research Experience of a Post-Bac Student on Dopamine Biology Under EIR	\$49,645	\$0	\$0
16	<a href="#">2021-08-08-21</a>	Delaware State University	Molecular Mechanisms of Potato Mop-Top Virus Infection	\$889,692	\$0	\$0
17	<a href="#">2021-08-08-22</a>	Delaware State University	Medial Temporal Lobe Staging of Pathological TDP-43 Reduces Network Connectivity in Alzheimer's Disease	\$6,583,934	\$0	\$0
18	<a href="#">2021-08-08-23</a>	Delaware State University	Scaling Climate Smart Agriculture Tools, Resources, and Extension Outreach for the Northeast	\$300,000	\$0	\$0
19	<a href="#">2021-08-08-24</a>	Delaware State University	Delaware Secondary U.S. History Courses -RFD#2021-19	\$151,644	\$0	\$0
20	<a href="#">2021-08-08-25</a>	Delaware State University	Acquisition of a Raman Spectroscopy System for Research and Education Training of Students on Thin Film Characterization	\$488,200	\$0	\$0
21	<a href="#">2021-08-08-26</a>	Delaware State University	CAREER: Complex Effects of Simple Environmental Filters on Alternative Community States	\$739,166	\$0	\$0
22	<a href="#">2021-08-08-27</a>	Delaware State University	Excellence in Research: Collaboration Research: Interactive Effects of Dietary Fat and Gut Microbiota on Neurobehavioral Development in Gallus Gallus (Supplemental Funding)	\$124,947	\$0	\$0
23	<a href="#">2021-08-08-28</a>	Delaware State University	The Role of the GABAA Pi Subunit: A Wolf in Sheep's Clothing?	\$146,000	\$0	\$0
24	<a href="#">2021-08-08-29</a>	Delaware State University	CAREER: Microporous Organic Polymers (MOPs) from Atom Transfer Radical Polymerization (ATRP) for Carbon Dioxide Capture and Methanation	\$850,760	\$0	\$0
25	<a href="#">2021-08-07-01</a>	University of Delaware	Predictive Analytics and Adaptive Learning for Ultra-Low-Latency-as-a-Service	\$0	\$0	\$121,319
26	<a href="#">2021-08-07-02</a>	University of Delaware	Regional Community Attitudes Regarding Procedural and Distributive Justice Dimensions of Southern New England Offshore Wind Development	\$0	\$0	\$13,513
27	<a href="#">2021-08-07-03</a>	University of Delaware	Collaborative Research: Harnessing Mobility: The Developmental Dynamics of Locomotion, Object Exploration, and Communication in Infant-caregiver Dyads	\$260,573	\$0	\$0

28	<a href="#">2021-08-07-04</a>	University of Delaware	Targeting Mechanosignaling in Pediatric Brain Cancer	\$0	\$0	\$500,000
29	<a href="#">2021-08-07-05</a>	University of Delaware	Partnership: A Dual Function Engineered Biochar: Catalyze Co-precipitation of Excess Phosphorus in Soils and Tune the Slow Release for the Plant Needs	\$0	\$0	\$209,928
30	<a href="#">2021-08-07-06</a>	University of Delaware	Delaware's University Center for Excellence in Developmental Disabilities	\$534,675	\$0	\$0
31	<a href="#">2021-08-07-07</a>	University of Delaware	Extending Integrated Pest Management Knowledge and Practice to Delaware Stakeholders	\$608,702	\$0	\$0
32	<a href="#">2021-08-07-08</a>	University of Delaware	SBIR Catalyst Prize Competition 21 Bowman	\$137,615	\$0	\$0
33	<a href="#">2021-08-07-09</a>	University of Delaware	Radio America Production of Educational Audio and Video Features for the Center for Economic Educations & Entrepreneurship	\$0	\$0	\$66,273
34	<a href="#">2021-08-07-10</a>	University of Delaware	Optimal Coordination of Connected and Automated Vehicles in a Mixed Traffic Environment	\$319,796	\$0	\$0
35	<a href="#">2021-08-07-11</a>	University of Delaware	Delaware Web-Based Transition Planning Project	\$92,841	\$0	\$0
36	<a href="#">2021-08-07-12</a>	University of Delaware	HR Competencies for Restaurant Managers Cohort 4	\$0	\$0	\$22,500
37	<a href="#">2021-08-07-13</a>	University of Delaware	Forests Among Managed Ecosystems: Monitoring, Remediation, and Restoration - Supplement	\$99,199	\$0	\$0
38	<a href="#">2021-08-07-14</a>	University of Delaware	CAREER: Programmable General Purpose Computation on Encrypted Data	\$322,317	\$0	\$0
39	<a href="#">2021-08-07-15</a>	University of Delaware	Student Experience with Mobile ID: Investigating How Digital Identification Technologies Reduce User Friction in Online Services	\$0	\$0	\$194,291
40	<a href="#">2021-08-07-16</a>	University of Delaware	Sensing the Stressful Conversations in Soil: A Coupled DUVF-MIS-FTIR as a Tool to Monitor Belowground Distress Signaling During an Abiotic and Biotic Stress Regime	\$408,808	\$0	\$0
41	<a href="#">2021-08-07-17</a>	University of Delaware	Lung-selective CRISPR Approach for Genetic Lung Disease	\$0	\$0	\$100,000
42	<a href="#">2021-08-07-18</a>	University of Delaware	4D Rheo-SANS Sample Environment for Soft Matter, Biology, and Materials Processing	\$0	\$0	\$19,528
43	<a href="#">2021-08-07-19</a>	University of Delaware	2021 National Defense Science and Engineering Graduate (NDSEG) Fellowship Award	\$57,111	\$0	\$0
44	<a href="#">2021-08-07-20</a>	University of Delaware	Hybrid Web Usage Mining and Community-driven Annotation of Misinformation Online to Inform Recommendations and Media Literacy Interventions	\$0	\$0	\$95,238
45	<a href="#">2021-08-07-21</a>	University of Delaware	Mechanisms Of Symbiotic Nitrogen (N)-Fixing Bacterial Interactions With Plant Growth Promoting Rhizobacteria.	\$491,224	\$0	\$0
46	<a href="#">2021-08-07-22</a>	University of Delaware	Collaborative Research: IUSe: EHR Expanding Subgoal Labels for Imperative Programming to Further Improve Student Learning Outcomes	\$0	\$0	\$39,217
47	<a href="#">2021-08-07-23</a>	University of Delaware	CAREER: Single Molecule Imaging of Sorting, Transport and Fate of RNA Cargo in the Extracellular Vesicles	\$662,177	\$0	\$0
48	<a href="#">2021-08-07-24</a>	University of Delaware	Enhancing the Quality of Kindergarten Services	\$0	\$0	\$443,974
49	<a href="#">2021-08-07-25</a>	University of Delaware	The Rice Rhizosphere: Assessing How the Functional Microbiome Responds to Changes in Residue Management	\$584,996	\$0	\$0
50	<a href="#">2021-08-07-26</a>	University of Delaware	Collaborative Research: Linking Brace Root Development and Function in Maize	\$310,010	\$0	\$0
51	<a href="#">2021-08-07-27</a>	University of Delaware	Collaborative Research: The Impact of Naturally Occurring and Experimentally Manipulated Interracial Contact on Social Cognition	\$270,971	\$0	\$0
52	<a href="#">2021-08-07-28</a>	University of Delaware	MDM CHAFF	\$0	\$0	\$1,910,461
53	<a href="#">2021-08-07-29</a>	University of Delaware	Polymer Electrolytes for Rechargeable Chloride Ion Batteries	\$0	\$0	\$37,500

54	<a href="#">2021-08-07-30</a>	University of Delaware	The Long-term Impact of Fair Machine Learning Models in the Presence of Strategic Behavior	\$0	\$0	\$30,000
55	<a href="#">2021-08-07-31</a>	University of Delaware	SOW #2 for Bristol Meyers Squibb Master Laboratory Services Agreement	\$0	\$0	\$160,404
56	<a href="#">2021-08-07-32</a>	University of Delaware	RII Track-2 FEC: G2P in VOM: An Experimental and Analytical Framework for Genome to Phenome Connections in Viruses of Microbes	\$363,660	\$0	\$0
57	<a href="#">2021-08-07-33</a>	University of Delaware	RII Track-2 FEC: G2P in VOM: An Experimental and Analytical Framework for Genome to Phenome Connections in Viruses of Microbes - Post-doc Supplement	\$128,204	\$0	\$0
58	<a href="#">2021-08-07-34</a>	University of Delaware	CAREER: Circadian Influences on Perceptual Category Learning from Early to Late Adolescence	\$341,908	\$0	\$0
59	<a href="#">2021-08-07-35</a>	University of Delaware	Next Generation Hybrid Conformable Heterojunction Solar Cells	\$195,361	\$0	\$0
60	<a href="#">2021-08-07-36</a>	University of Delaware	Artificial Intelligence Solutions to Transient Discovery in Rubin LSST	\$0	\$0	\$5,000
61	<a href="#">2021-08-07-37</a>	University of Delaware	Shanghai Sonatas - A Staged Workshop	\$0	\$0	\$14,451
62	<a href="#">2021-08-07-38</a>	University of Delaware	Coaching & PD for EnVision Math High School Teachers	\$0	\$0	\$25,733
63	<a href="#">2021-08-07-39</a>	University of Delaware	Middle & High School Illustrative Math Coaching	\$0	\$0	\$33,294
64	<a href="#">2021-08-07-40</a>	University of Delaware	Elementary Illustrative Math Coaching	\$0	\$0	\$36,540
65	<a href="#">2021-08-07-41</a>	University of Delaware	CAREER: Covariational and Algebraic Reasoning (CARE) Project: A New Path to Algebra (Project CARE)	\$719,375	\$0	\$0
66	<a href="#">2021-08-07-42</a>	University of Delaware	Energy and Waste Assessments for Automotive Manufacturing and Maintenance	\$31,820	\$0	\$0
67	<a href="#">2021-08-07-43</a>	University of Delaware	A MAF Classifier for Fast Transients and Related Cadence Considerations	\$0	\$0	\$5,000
68	<a href="#">2021-08-07-44</a>	University of Delaware	Theoretical Support for the IMAP Project in Phase C/D	\$0	\$0	\$87,501
69	<a href="#">2021-08-07-45</a>	University of Delaware	CAREER: Machine Learning Approaches to Map Fine-scale Changes in Smallholder Agricultural Systems	\$283,975	\$0	\$0
70	<a href="#">2021-08-07-46</a>	University of Delaware	CPS: Small: Optimal Control Strategies at the Intersection of Learning and Control	\$328,954	\$0	\$0
71	<a href="#">2021-08-07-47</a>	University of Delaware	Dynamics of Dissipative Quantum Systems with Artificial Neural Networks	\$0	\$0	\$5,000
72	<a href="#">2021-08-07-48</a>	University of Delaware	Lab-scale Process Development of Virgin-quality Recycled Polypropylene for Nonwoven Fabric Production	\$501,508	\$0	\$0
73	<a href="#">2021-08-07-49</a>	University of Delaware	Improved Prediction of Androgen Deprivation Therapy Outcomes Using Novel Comorbidity Assessment in a Racially-Diverse Cohort	\$746,177	\$0	\$0
74	<a href="#">2021-08-07-50</a>	University of Delaware	Acquisition of Goods and Services	\$8,182	\$0	\$0
75	<a href="#">2021-08-07-51</a>	University of Delaware	Identify Movement Patterns of the American Green-winged Teal Found Along the East Coast to Facilitate Intentional and Targeted Habitat Management and Restoration of Breeding Grounds.	\$0	\$0	\$81,030
76	<a href="#">2021-08-07-52</a>	University of Delaware	Professional Learning for Teachers & Administration to Support the Adoption of Illustrative Mathematics High School Curriculum	\$0	\$0	\$27,791
77	<a href="#">2021-08-07-53</a>	University of Delaware	Personalized Medicine for NOD2 Associated Crohn's Disease using Chemical Biology	\$0	\$0	\$321,507
78	<a href="#">2021-08-07-54</a>	University of Delaware	CAREER: Avoiding Blind-Spots and Bias Due to Incomplete Data with Machine Learning	\$320,159	\$0	\$0
79	<a href="#">2021-08-07-55</a>	University of Delaware	Community Navigator Program 2021-2023	\$2,294,209	\$0	\$0

80	<a href="#">2021-08-07-56</a>	University of Delaware	Perform Propellant Additive Manufacturing Design, Manufacture, Post-process and Analysis Applied to NGC Proprietary Microelectromechanical Systems (MEMS) Digital Thrusters (MDTs).	\$0	\$0	\$51,924
81	<a href="#">2021-08-07-57</a>	University of Delaware	CAREER: Nanomagnonics with Artificial Spin Ice	\$410,526	\$0	\$0
82	<a href="#">2021-08-07-58</a>	University of Delaware	CAREER: Build Resilient Urban Landscapes for the 21st Century Climate through Integrated Data-driven Research and Education	\$444,749	\$0	\$0
83	<a href="#">2021-08-07-59</a>	University of Delaware	CAREER: Enabling Combinatorial Decision Making in Stochastic Environments	\$342,599	\$0	\$0
84	<a href="#">2021-08-07-60</a>	University of Delaware	CARES RELIEF FUND: Stimulus Funds for Healthcare	\$42,714	\$0	\$0
85	<a href="#">2021-08-07-61</a>	University of Delaware	Neurovascular Coupling Responses to Pain Processing in Healthy Young and Older Adults	\$133,655	\$0	\$0
86	<a href="#">2021-08-07-62</a>	University of Delaware	Agriculture Risk Management Education Partnership (ARME) Competitive Grants Program	\$83,950	\$0	\$0
87	<a href="#">2021-08-07-63</a>	University of Delaware	Effectiveness of Biocontrol Agents against Emerald Ash Borer Infesting Ash and White Fringe Tree in Urban Forests	\$57,637	\$0	\$0
88	<a href="#">2021-08-07-64</a>	University of Delaware	Technical Report for the Delaware Estuary and River Basin 2022	\$0	\$0	\$7,226
89	<a href="#">2021-08-07-65</a>	University of Delaware	CAREER: Dynamical Interactions in Complex Urban Systems through the Lens of Multimodal Remote Imaging	\$476,691	\$0	\$0
90	<a href="#">2021-08-07-66</a>	University of Delaware	CAREER: Gender Identity, Social Media Use, and Body Image in Transgender and Cisgender Adolescent Girls	\$473,863	\$0	\$0
91	<a href="#">2021-08-07-67</a>	University of Delaware	CAREER: Characterization and Development of Prokaryotic Argonautes for Synthetic Biology	\$707,111	\$0	\$0
92	<a href="#">2021-08-07-68</a>	University of Delaware	CAREER: Towards Proactive and Collaborative Mobility-Aware Edge Intelligence	\$322,056	\$0	\$0
93	<a href="#">2021-08-07-69</a>	University of Delaware	CAREER: Block Polyelectrolyte Complexes for Controlled Mixed Ionic-Electronic Conduction	\$387,853	\$0	\$0
94	<a href="#">2021-08-07-70</a>	University of Delaware	CAREER: Never Before Seen: Novelty in the LSST Sky	\$411,479	\$0	\$0
95	<a href="#">2021-08-07-71</a>	University of Delaware	The Effect of Low-density Lipoprotein Cholesterol on Human T-cell Metabolism and Vascular Function	\$133,655	\$0	\$0
96	<a href="#">2021-08-07-72</a>	University of Delaware	Supplement to Nemours Ferrato	\$0	\$0	\$30,780
97	<a href="#">2021-08-07-73</a>	University of Delaware	Early Academic Achievement and Intervention Response: Role of Executive Function	\$0	\$0	\$1,766
98	<a href="#">2021-08-07-74</a>	University of Delaware	CAREER: Enabling Expanded Protein Biochemistry in Diverse Contexts by Designing a Platform for Non-standard Amino Acid Biosynthesis	\$608,896	\$0	\$0
99	<a href="#">2021-08-07-75</a>	University of Delaware	Collaborative Research: The Effect of Acoustic Properties on Comprehension of Code-switched Sentences	\$11,281	\$0	\$0
100	<a href="#">2021-08-07-76</a>	University of Delaware	CAREER: SHIELD: Enabling Secure, Reliable and Efficient Serverless Computing on Containers	\$325,899	\$0	\$0
101	<a href="#">2021-08-07-77</a>	University of Delaware	CAREER: Understanding the Dynamic Coupling Effect of Thermal-gradient Induced Liquid Resin Transfer and Curing in Composite Additive Manufacturing	\$326,463	\$0	\$0
102	<a href="#">2021-08-07-78</a>	University of Delaware	HEROIC Consortium to Address Prostate Cancer Disparities Award Mechanism: FY21 Prostate Cancer Research Program - Health Equity Research and Outcomes Improvement Consortium Award	\$0	\$0	\$32,067
103	<a href="#">2021-08-07-79</a>	University of Delaware	Development & Assessment of Affordably Mass Production of Flexible RF Countermeasure Materials	\$0	\$0	\$289,040
104	<a href="#">2021-08-07-80</a>	University of Delaware	Neuromechanical Mechanisms of Achilles Tendinopathy Progression	\$0	\$0	\$230,450
105	<a href="#">2021-08-07-81</a>	University of Delaware	CAREER: Brainwave Descriptors and Interpretable Statistical Alignment for Neural Decoding During Human-AI Interaction	\$382,932	\$0	\$0



106	<a href="#">2021-08-07-82</a>	University of Delaware	CAREER: Collaborative Problem-Solving in STEM Education via Embodied, Embedded Virtual Learning Environments	\$621,238	\$0	\$0
107	<a href="#">2021-08-07-83</a>	University of Delaware	CAREER: Creating New Tactile Sensations and Standardizing Haptic Devices with Materials Chemistry	\$372,797	\$0	\$0
108	<a href="#">2021-08-07-84</a>	University of Delaware	CAREER: Light-matter Interactions on an Atomically Flat Nanofocusing Platform	\$422,219	\$0	\$0
109	<a href="#">2021-08-07-85</a>	University of Delaware	CAREER: Developing 3D-printable Ultratough Multic ceramic Composites	\$355,962	\$0	\$0
110	<a href="#">2021-08-07-86</a>	University of Delaware	Investigating Munitions Mobility at a Riverine Munitions Response Site (MRS) using a Rapidly-Deployable Monitoring System	\$713,820	\$0	\$0
111	<a href="#">2021-08-07-87</a>	University of Delaware	Validation of a Novel Vocal Demand Task for Measuring Vocal Fatigue	\$134,655	\$0	\$0
112	<a href="#">2021-08-07-88</a>	University of Delaware	Delaware IDD/MH Provider Training Project	\$509,259	\$0	\$0
113	<a href="#">2021-08-07-89</a>	University of Delaware	Using Humor and Improvisation to Build Communication Skills About Farm and Agricultural Worker Stress and Mental Health: Cooperative Extension Professional Development	\$0	\$0	\$19,794
114	<a href="#">2021-08-07-90</a>	University of Delaware	CAREER: Modeling Extreme-scale and Ever-evolving Scientific Data as Evolving Domains	\$327,070	\$0	\$0
115	<a href="#">2021-08-07-91</a>	University of Delaware	CAREER: Blockchain-enabled Service Flow for Next Generation Transportation Systems	\$378,488	\$0	\$0
116	<a href="#">2021-08-07-92</a>	University of Delaware	Lubrizol Vlachos	\$0	\$0	\$38,750
117	<a href="#">2021-08-07-93</a>	University of Delaware	The Payload for Ultrahigh Energy Observations (PUEO): A Long-duration Balloon-borne Instrument for Particle Astrophysics at the Highest Energies	\$0	\$0	\$32,639
118	<a href="#">2021-08-07-94</a>	University of Delaware	Annual Research Support Agreement	\$24,136	\$0	\$0
119	<a href="#">2021-08-07-95</a>	University of Delaware	Collaborative Research: New Roles for Reactive Oxygen Species in Mediating Carbon Fluxes at the Terrestrial-Aquatic Interface	\$5,294	\$0	\$0
120	<a href="#">2021-08-07-96</a>	University of Delaware	Multi-scale Meniscus Mechano-adaptation with Altered Loading	\$3,446,476	\$0	\$0
121	<a href="#">2021-08-07-97</a>	University of Delaware	Professional Development, "Bringing Nature In" for Wilmington Head Start, Inc.	\$0	\$0	\$2,894
122	<a href="#">2021-08-07-98</a>	University of Delaware	Illustrative Math Coaching & Professional Learning	\$0	\$0	\$77,198
123	<a href="#">2021-08-07-99</a>	University of Delaware	UDare Cyber Scholarships For Service (SFS) Program	\$2,289,319	\$0	\$0
124	<a href="#">2021-08-08-01</a>	University of Delaware	Documenting Dairy Farms in Northern Maryland Phase 2	\$0	\$0	\$44,436
125	<a href="#">2021-08-08-02</a>	University of Delaware	Helping AMC Families with Assistive Devices	\$0	\$0	\$5,000
126	<a href="#">2021-08-08-03</a>	University of Delaware	Elucidating the Role of Hsp90 $\beta$ Complex in Cardiac Diseases	\$0	\$0	\$180,000
127	<a href="#">2021-08-08-04</a>	University of Delaware	Clinical Trials and Observational Studies Preceptorship in Knee Osteoarthritis	\$0	\$0	\$1,000
128	<a href="#">2021-08-08-05</a>	University of Delaware	OES Equity Fellow Jennifer Daniels	\$6,178	\$0	\$0
129	<a href="#">2021-08-08-06</a>	University of Delaware	To Lessen the Impact of the Global Pandemic on NAHLN Laboratory Operating Budgets	\$112,728	\$0	\$0
130	<a href="#">2021-08-08-07</a>	University of Delaware	DSFAS-AI: Appropriate Consensus Algorithm for Blockchain Distributed Ledger Technology for Food Processing	\$439,044	\$0	\$0
131	<a href="#">2021-08-08-08</a>	University of Delaware	Extended Wavelength SWIR for Multispectral Imaging on Unmanned Systems	\$0	\$0	\$32,501

132	<a href="#">2021-08-08-09</a>	University of Delaware	Implementing the Avian Monitoring Protocols for the Northern Colorado Plateau I&M Network of the National Park Service	\$36,349	\$0	\$0
133	<a href="#">2021-08-08-10</a>	University of Delaware	The Role of Naïve T cells in Reservoir Origin and Persistence	\$0	\$0	\$375,001
134	<a href="#">2021-08-08-11</a>	University of Delaware	Avoiding Blind-Spots and Bias Due to Incomplete Data with Machine Learning	\$144,221	\$0	\$0
135	<a href="#">2021-08-08-12</a>	University of Delaware	Hypothalamic Mechanisms of NaCl-sensing in Salt Sensitive Hypertension	\$3,180,453	\$0	\$0
136	<a href="#">2021-08-08-13</a>	University of Delaware	FAI: Trustworthy Machine Learning for Selection Problems	\$576,083	\$0	\$0
137	<a href="#">2021-08-08-14</a>	University of Delaware	Nemours Selva Friel	\$0	\$0	\$7,400
138	<a href="#">2021-08-08-15</a>	University of Delaware	To Increase the Real-time RT-PCR Testing Capacity for High Consequence Avian Diseases by the University of Delaware Poultry Health System.	\$151,260	\$0	\$0
139	<a href="#">2021-08-08-16</a>	University of Delaware	To Lessen the Impact of the Global Pandemic on NAHLN Laboratory Operating Budgets	\$170,182	\$0	\$0

Revised 8/13/2021

**Delaware State Clearinghouse Committee**  
**Revised September Agenda**  
**Meeting to be Held Virtually - Meeting Information/Instructions Attached**  
**Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901**  
**September 21, 2021 @ 10:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">5077</a>	Judicial, Family Court	Court Improvement Program Supplemental - CRRSA COVID-19	\$98,879	\$0	\$0	0.00	0.00	0.00
2	<a href="#">5097</a>	Executive, Criminal Justice, Criminal Justice Council	Family Violence Prevention Services - ARP COVID-19	\$342,763	\$0	\$0	0.23	0.00	0.00
3	<a href="#">5086</a>	<del>Department of State, Division of Small Business</del>	<del>Technical Assistance Capacity Building</del>	<del>\$150,000</del>	<del>\$0</del>	<del>\$0</del>	<del>0.00</del>	<del>0.00</del>	<del>0.00</del>
4	<a href="#">5099</a>	Department of State, Public Archives	Digitization for Access - ARP COVID-19	\$25,000	\$25,000	\$0	0.00	0.00	0.00
5	<a href="#">4894</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Diseases	\$2,692,603	\$0	\$0	15.65	0.00	0.00
6	<a href="#">4975</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Workforce Development - ARP COVID-19	\$6,695,170	\$0	\$0	14.00	0.00	0.00
7	<a href="#">5006</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Business Enterprise Program Randolph Sheppard Financial Relief and Restoration Payment - CRRSA COVID-19	\$56,657	\$0	\$0	0.00	0.00	0.00
8	<a href="#">5049</a>	Department of Health and Social Services, Public Health, Community Health	Social Determinates of Health Accelerator Plans	\$125,000	\$0	\$0	0.00	0.00	0.00
9	<a href="#">5063</a>	Department of Health and Social Services, Public Health, Community Health	Infants and Toddlers Supplement - ARP COVID-19	\$1,218,273	\$0	\$0	0.00	0.00	0.00
10	<a href="#">5101</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Substance Abuse Prevention and Treatment Supplement - ARP COVID-19	\$5,640,385	\$0	\$0	0.00	0.00	0.00
11	<a href="#">5109</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Block Grants for Community Mental Health Services - ARP COVID-19	\$3,326,504	\$0	\$0	0.00	0.00	0.00
12	<a href="#">5091</a>	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Secretary	Title IV-E Foster Care Continuation Grant and Switch Fund Request	\$3,587,549	\$3,587,551	\$0	-2.34	2.34	0.00
13	<a href="#">5033</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Building and Protecting Sustainable and Resilient Aquatic Resources in Delaware	\$599,273	\$200,349	\$0	0.00	0.48	0.00
14	<a href="#">5081</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Cape Henlopen Park Paving Program	\$329,106	\$329,106	\$0	0.00	0.00	0.00
15	<a href="#">5082</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Delaware Seashore State Park Improvements	\$409,373	\$409,373	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">5074</a>	Judicial, Family Court	Court Improvement Program Basic Grant	\$101,050	\$34,133	\$0	0.17	0.00	0.00
2	<a href="#">5075</a>	Judicial, Family Court	Court Improvement Program Data Grant	\$98,684	\$33,297	\$0	0.00	0.25	0.00
3	<a href="#">5076</a>	Judicial, Family Court	Court Improvement Program Training Grant	\$98,684	\$33,308	\$0	0.00	0.22	0.00
4	<a href="#">5105</a>	Executive, Criminal Justice, Criminal Justice Council	Family Violence Service and Prevention Act Grant	\$831,852	\$10,639	\$197,565	0.50	0.10	0.00

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

5	<a href="#">2021-04-23-02 Amendment</a>	Executive, Delaware State Housing Authority	HOME Investment Partnership - ARP COVID-19	\$5,322,495	\$0	\$0	0.00	0.00	0.00
6	<a href="#">5022</a>	Department of Health and Social Services, Public Health, Community Health	Special Supplement Nutrition Program for Women, Infants and Children - Administration	\$6,443,731	\$0	\$0	49.00	0.00	0.00
7	<a href="#">5023</a>	Department of Health and Social Services, Public Health, Community Health	Special Supplement Nutrition Program for Women, Infants and Children	\$7,729,650	\$5,315,900	\$0	0.00	0.00	0.00
8	<a href="#">5024</a>	Department of Health and Social Services, Public Health, Community Health	Special Supplement Nutrition Program for Women, Infants and Children - Breastfeeding	\$253,132	\$0	\$0	0.00	0.00	0.00
9	<a href="#">5050</a>	Department of Health and Social Services, Public Health, Community Health	National Diabetes Prevention Program	\$100,000	\$0	\$0	0.20	0.00	0.00
10	<a href="#">5065</a>	Department of Health and Social Services, Social Services	Child Care Development Fund - Mandatory	\$5,179,330	\$5,179,325	\$0	0.00	0.00	0.00
11	<a href="#">5078</a>	Department of Health and Social Services, Child Support Services	Child Support Enforcement	\$23,590,212	\$11,412,755	\$0	124.74	64.26	0.00
12	<a href="#">5079</a>	Department of Health and Social Services, Child Support Services	Child Support Enforcement Incentive	\$1,224,780	\$0	\$0	21.00	0.00	0.00
13	<a href="#">5089</a>	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families - Contingency	\$3,900,000	\$0	\$0	0.00	0.00	0.00
14	<a href="#">5106</a>	Department of Health and Social Services, Community Health, Public Health	Improving Sexually Transmitted Diseases through Prevention COVID-19 Supplement	\$1,000,000	\$0	\$0	0.00	0.00	0.00
15	<a href="#">5111</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Projects for Assistance in Transition from Homeless	\$300,000	\$100,000	\$0	0.00	0.00	0.00
16	<a href="#">5112</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Mental Health Awareness Training	\$125,000	\$0	\$0	0.00	0.00	0.00
17	<a href="#">2020-03-30-01 Amendment</a>	Department of Health and Social Services, Administration, Office of the Secretary	Stand by Me Financial Empowerment Grant	\$0	\$0	\$200,000	0.00	0.00	0.00
18	<a href="#">5054</a>	Department of Services for Children, Youth, and Their Families, Family Services, Intake/Investigation	Child Abuse Prevention and Treatment Act (CAPTA)	\$289,820	\$43,219	\$0	3.00	1.00	0.00
19	<a href="#">5055</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 1 - Child Welfare Services	\$822,038	\$274,012	\$0	3.00	0.00	0.00
20	<a href="#">5061</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families Caseworker Visits	\$63,542	\$21,181	\$0	0.00	0.00	0.00
21	<a href="#">5062</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Education and Training Vouchers	\$57,485	\$14,371	\$0	0.00	0.00	0.00
22	<a href="#">5064</a>	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
23	<a href="#">5090</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Adoption Assistance	\$4,000,000	\$4,000,000	\$0	0.00	0.00	0.00
24	<a href="#">5093</a>	Department of Services for Children, Youth and Their Families, Division of Prevention and Behavioral Health Services, Prevention/Early Intervention	Community Alliance Behavioral Health & Well-being	\$400,000	\$400,000	\$0	2.27	0.00	0.00
25	<a href="#">5094</a>	Department of Services for Children, Youth and Their Families, Division of Prevention and Behavioral Health Services, Prevention/Early Intervention	System of Care	\$1,500,000	\$1,500,000	\$0	4.17	0.00	0.00
26	<a href="#">5100</a>	Department of Services for Children, Youth and Their Families, Division of Prevention and Behavioral Health Services, Prevention/Early Intervention	Delaware Child Psychiatry Access Program	\$445,000	\$89,258	\$0	0.00	0.28	0.00
27	<a href="#">5104</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	\$1,003,418	\$604,277	\$0	2.00	6.00	0.00

28	<a href="#">5066</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Environmental Protection Agency Multipurpose Grant	\$96,762	\$0	\$0	0.00	0.00	0.00
29	<a href="#">5026</a>	Department of Safety and Homeland Security, State Police, Training	Bulletproof Vest Partnership Program	\$60,008	\$60,009	\$0	0.00	0.00	0.00
30	<a href="#">5068</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(f) Motorcycle Safety Grant	\$35,255	\$0	\$0	0.00	0.00	0.00
31	<a href="#">5069</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(h) Non-Motorized Incentive Grant	\$193,427	\$0	\$0	0.00	0.00	0.00
32	<a href="#">5070</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(b) Occupant Protection Incentive Grant	\$287,373	\$0	\$0	0.00	0.00	0.00
33	<a href="#">5007</a>	Department of Transportation, Division of Motor Vehicles	Commercial Driver's License Program Improvement Grant (FY20)	\$88,415	\$15,603	\$0	0.00	0.00	0.00
34	<a href="#">5008</a>	Department of Transportation, Division of Motor Vehicles	Commercial Driver's License Program Improvement Grant (FY21)	\$317,302	\$54,024	\$0	0.00	0.00	0.00
35	<a href="#">5044</a>	Department of Labor, Vocational Rehabilitation, Disability Determination Services	Disability Determination Service	\$6,889,052	\$0	\$0	53.00	0.00	0.00
36	<a href="#">5083</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Vocational Rehabilitation Services	\$12,076,795	\$3,288,000	\$0	72.40	0.00	0.00
37	<a href="#">5085</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Supported Employment	\$258,000	\$22,875	\$0	0.00	0.00	0.00
38	<a href="#">5088</a>	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health Consultation	\$471,400	\$52,378	\$0	5.50	0.50	0.00
39	<a href="#">5092</a>	Department of Labor, Industrial Affairs, Anti-Discrimination	Equal Employment Opportunity Commission	\$385,860	\$0	\$0	3.00	0.00	0.00
40	<a href="#">5096</a>	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health Statistics	\$81,000	\$81,000	\$0	1.00	1.00	0.00
41	<a href="#">5102</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Independent Living	\$338,717	\$33,928	\$0	1.00	0.00	0.00
42	<a href="#">4633 Amendment</a>	Department of Labor, Industrial Affairs, Anti-Discrimination	Equal Employment Opportunity Commission	\$110,190	\$0	\$0	0.00	0.00	0.00
43	<a href="#">5114</a>	Department of Agriculture, Food Products Inspection	Cross Utilization	\$316,604	\$0	\$0	2.90	0.00	0.00
44	<a href="#">4825</a>	Department of Education, Early Childhood Support	Early Head Start Expansion	\$7,171,325	\$1,793,831	\$0	1.80	0.00	0.00
45	<a href="#">5003 Amendment</a>	Department of Education, Student Support	School Nutrition Emergency Operational Costs - CRRSA COVID-19	\$1,301,462	\$0	\$0	0.00	0.00	0.00
46	<a href="#">2020-10-07-01 Amendment</a>	Polytech School District, Adult Education	Practical Nursing Simulation Activity Development - CARES Act COVID-19	\$111,313	\$0	\$0	0.00	0.00	0.00
47	<a href="#">2020-10-27-01 Amendment</a>	Polytech School District, Adult Education	Practical Nursing Student Emergency Aid Fund - CARES Act COVID-19	\$111,315	\$0	\$0	0.00	0.00	0.00

#### Higher Education

1	2021-09-04-01	Delaware State University	Estimation of Nutrient Composition & Serving Sizes of African Foods Consumed in U.S. to Assess Diet Quality and to Promote Healthful Food Choices	\$599,998	\$0	\$0			
2	2021-09-04-02	Delaware State University	13DS Training Consortium: Democratizing Data Science Training and Workforce	\$1,183,466	\$0	\$0			
3	2021-09-04-03	Delaware State University	University Center for Economic Development and International Trade (UCEDIT)	\$500,000	\$0	\$0			

4	2021-09-04-04	Delaware State University	Molecular Mechanisms of Potato Mop-Top Virus infection	\$889,692	\$0	\$0
5	2021-09-04-05	Delaware State University	Testing a New Purification Process or Aquaculture and Seafood Processing	\$205,000	\$0	\$0
6	2021-09-04-06	Delaware State University	Acquisitions of Goods and Services	\$11,000	\$0	\$0
7	2021-09-11-01	University of Delaware	Deciphering the Role of Sex as A Biological Variable in the Pathogenesis of Pulmonary Hypertension in Congenital Diaphragmatic Hernia	\$0	\$0	\$758,111
8	2021-09-11-02	University of Delaware	Collaborative Research: The Role of Ripple Migration in Surf Zone Sandbar Migration	\$254,684	\$0	\$0
9	2021-09-11-03	University of Delaware	Expand Cotton Apparel Sourcing from CAFTA-DR and USMCA Trading Partners	\$0	\$0	\$25,863
10	2021-09-11-04	University of Delaware	UDelEngage: Engaging College Students with Civic Engagement at a Pivotal Point in Their Development as Citizens	\$0	\$0	\$29,945
11	2021-09-11-05	University of Delaware	Toward Using Thermoset Polymer Composite Materials for Transportation Surfaces	\$0	\$0	\$161,339
12	2021-09-11-06	University of Delaware	Collaborative Research: Laboratory and Numerical Experiments of Stratified Boundary Layer Mixing Driven by Wind and Waves	\$270,880	\$0	\$0
13	2021-09-11-07	University of Delaware	Closing the Gaps: Improving Animal Disease Mitigation, Identification and Response Knowledge of Private Veterinary Practitioners and Small Flock Owners and Training the Next Generation of Emergency Disease Response Professionals.	\$212,951	\$0	\$0
14	2021-09-11-08	University of Delaware	Low-Cost Biodegradable Single Use Multi-layer Films Based on Biologically Synthesized Polyhydroxyalkanoates	\$0	\$0	\$195,528
15	2021-09-11-09	University of Delaware	Measurements of Stable Carbon Isotopes on Board Go-Ship Cruises in the South Atlantic Ocean to Enhance our Ability to Quantify Anthropogenic Co2 Uptake Rates by the Ocean	\$454,314	\$0	\$0
16	2021-09-11-10	University of Delaware	Collaborative Research: Mesoscale Eddies as Drivers of Deep-Ocean Transport and Larval Connectivity at an Ocean Ridge	\$200,047	\$0	\$0
17	2021-09-11-11	University of Delaware	DCCS Online: ESL and Classroom Teachers Working Together with Students and Families	\$0	\$0	\$149,707
18	2021-09-11-12	University of Delaware	OES Equity Fellow Jennifer Daniels	\$12,194	\$0	\$0
19	2021-09-11-13	University of Delaware	Understanding Supply and Support Trade-Offs in Maize Aerial Roots Genetics	\$0	\$0	\$7,076
20	2021-09-11-14	University of Delaware	Collaborative Research: Hydrothermal Vent Systems Mediate the Formation and Fate of Refractory Aromatic Carbon in the Deep Ocean	\$656,565	\$0	\$0
21	2021-09-11-15	University of Delaware	Multimodal Learning and its Human-Centered Applications	\$0	\$0	\$30,000
22	2021-09-11-16	University of Delaware	Certificate in Data Science & Analytics for JPMC Employees	\$0	\$0	\$163,526
23	2021-09-11-17	University of Delaware	Adaptive Functional Electrical Stimulation for Optimization of Post-Stroke Gait Rehabilitation	\$131,350	\$0	\$0
24	2021-09-11-18	University of Delaware	I3DS Training Consortium: Democratizing Data Science Training and Workforce Development to Advance Health Equity and Researcher Diversity	\$7,200,779	\$0	\$0
25	2021-09-11-19	University of Delaware	UNIVERSITY OF DELAWARE Renewable Resources Extension Act FY2022	\$46,449	\$0	\$0
26	2021-09-11-20	University of Delaware	Improving Power Predictions and Understanding Environmental Impacts of the Planned Offshore Wind Farms Along the U.S. East Coast	\$0	\$0	\$72,464
27	2021-09-11-21	University of Delaware	USDA SLBC FY2022	\$1,408,511	\$0	\$0
28	2021-09-11-22	University of Delaware	Data Generation for Neuronal Biomarkers for Ocular and Systemic Diseases Using Multi-Dimensional, AI-Driven Imaging of the Living Human Eye (Teaming Module)	\$0	\$0	\$38,968

29	2021-09-11-23	University of Delaware	Data Generation for Neuronal Biomarkers for Ocular and Systemic Diseases Using Multi-Dimensional, AI-Driven Imaging of the Living Human Eye (Skills and Workforce Development Module)	\$0	\$0	\$38,968
30	2021-09-11-24	University of Delaware	Collaborative Research: Lagrangian Transport and Patchiness of Buoyant Material in Estuarine Systems	\$401,604	\$0	\$0
31	2021-09-11-25	University of Delaware	NSF-BSF: Coastal Ocean Processes of North-East Greenland	\$352,339	\$0	\$0
32	2021-09-11-26	University of Delaware	Data Generation for Neuronal Biomarkers for Ocular and Systemic Diseases Using Multi-Dimensional, AI-Driven Imaging of the Living Human Eye (Standards Module)	\$0	\$0	\$204,209
33	2021-09-11-27	University of Delaware	Data Generation for Neuronal Biomarkers for Ocular and Systemic Diseases Using Multi-Dimensional, AI-Driven Imaging of the Living Human Eye (Tools and Optimization Module)	\$0	\$0	\$227,177
34	2021-09-11-28	University of Delaware	RPP Brokers Handbook and Training	\$0	\$0	\$2,318
35	2021-09-11-29	University of Delaware	The Role of Statistical Learning in the Atypical Language Development in ASD	\$0	\$0	\$6,936
36	2021-09-11-30	University of Delaware	Sandbridge Highly Migratory Species: Fish Distribution on a Dredged Shoal	\$138,474	\$0	\$0
37	2021-09-11-31	University of Delaware	Skull-Brain Interactions and Brain Material Properties Measured by MR Elastography	\$0	\$0	\$131,635
38	2021-09-11-32	University of Delaware	Evaluation of the Effectiveness of Biocontrol Agents Against Emerald Ash Borer Infesting Ash and White Fringe Tree in Urban Forests	\$45,206	\$0	\$0
39	2021-09-11-33	University of Delaware	RINGS: Photonically Enabled Massive MIMO System for Next Generation Networks	\$807,243	\$0	\$0
40	2021-09-11-34	University of Delaware	A Control Framework for Safe Interaction Between Automated and Human-Driven Vehicles	\$388,889	\$0	\$0
41	2021-09-11-35	University of Delaware	Mitigating Radiotherapy-Related Side Effects in Liver Cancer Patients by Targeting Mitochondrial Redox System: Pre-Clinical and Biomarker Studies	\$822,792	\$0	\$0
42	2021-09-11-36	University of Delaware	Emergency Poultry Disease Response and Policy (EPDRP) International Symposium and Veterinary Diagnostic Laboratory Quality Assurance (VDLQA) Symposium	\$348,239	\$0	\$0
43	2021-09-11-37	University of Delaware	Immune and Metabolic Kinome Analysis to Evaluate Salmonella and Campylobacter Colonization in Poultry - Amendment 2	\$30,000	\$0	\$0
44	2021-09-11-38	University of Delaware	Stratigraphic Equivalency in the Stratigraphically Complex Coastal Aquifer Systems of the Middle Atlantic Coastal Plain (Late-Miocene-Early Pleistocene)	\$83,182	\$0	\$0
45	2021-09-11-39	University of Delaware	Christiana Care Health Care Services Research Amendment 14	\$0	\$0	\$78,336
46	2021-09-11-40	University of Delaware	Christiana Care Health Care Services Research Amendment 13	\$0	\$0	\$114,120
47	2021-09-11-41	University of Delaware	Understanding Instructional Coaching in Early Childhood Settings	\$0	\$0	\$307,428
48	2021-09-11-42	University of Delaware	Examining the Efficacy of Program-Wide Supports for Pyramid Model Implementation (PWS-PMI): Addressing Young Children's Social-Emotional Competence and Challenging Behavior	\$0	\$0	\$113,092
49	2021-09-11-43	University of Delaware	The Size, Trophic and Spatial-Temporal Scaling of Environmental Selection in Pelagic Species	\$485,564	\$0	\$0
50	2021-09-11-44	University of Delaware	Advanced Leadership Training for Professionals	\$0	\$0	\$58,050
51	2021-09-11-45	University of Delaware	Farm and Ranch Stress Assistance Network	\$0	\$0	\$69,450
52	2021-09-11-46	University of Delaware	IR4 Northeast Region Minor Crop Pest Management Program	\$0	\$0	\$28,000
53	2021-09-11-47	University of Delaware	XDE-659: Efficacy and Crop Safety of XDE-659 for the Control of Diseases Including Botrytis Leaf Blight and Purple Blotch (Alternaria porri) of Green Onion.	\$0	\$0	\$7,500

54	2021-09-11-48	University of Delaware	Towards THz Circuits with CMOS Compatible Self-Aligned InAs Gate-all-Around MOSFETs on Silicon Substrate by Superacid Treatment	\$345,711	\$0	\$0
55	2021-09-11-49	University of Delaware	Establish if There are Differences in Root Strength, Stiffness, Rotation/Torsion Parameters or Architecture Between Short and Tall Corn Detectable by the Root Torsion Device Across a Range of Environments	\$0	\$0	\$55,314
56	2021-09-11-50	University of Delaware	Assessing Present and Future Sand Resource Needs and Supply in Coastal Delmarva	\$159,018	\$0	\$0
57	2021-09-11-51	University of Delaware	Chincoteague Inlet Modeling Study - Continuation - Year 3	\$0	\$0	\$12,500
58	2021-09-11-52	University of Delaware	Life After Sport: Prior Injury and Sedentary Behavior as Mechanisms of Later Poor Health	\$0	\$0	\$137,032
59	2021-09-11-53	University of Delaware	University of Delaware Expanded Food and Nutrition Education Program (EFNEP) FY2022	\$313,297	\$0	\$0
60	2021-09-11-54	University of Delaware	An Integrated Framework For Active And Adaptive Explainable AI	\$0	\$0	\$96,601
61	2021-09-11-55	University of Delaware	Collaborative Research: CPS: Medium: Safe and High-Performance Cyber-Physical Guardian with Human-in-the-Loop Intent Prediction	\$329,235	\$0	\$0
62	2021-09-11-56	University of Delaware	Turning the TiDe: Training Diverse Clinical Scientists in Rehabilitation Research	\$0	\$0	\$317,980
63	2021-09-11-57	University of Delaware	Boosting Efficacy Of Oral Vaccine Candidates By Enabling Spore Display Of Nitrated Antigens	\$1,500,000	\$0	\$0
64	2021-09-11-58	University of Delaware	The Effects Of Wild Blueberry Consumption On Cognition And Cardiovascular Health in Healthy Older Adults.	\$0	\$0	\$125,570
65	2021-09-11-59	University of Delaware	Avoiding Blind-Spots and Bias Due to Incomplete Data with Machine Learning	\$0	\$0	\$49,931
66	2021-09-11-60	University of Delaware	Inferring the Water Cycle Change from Interbasin Differences in Salinity, Surface Freshwater Flux, and Ocean Bottom Pressure	\$0	\$0	\$82,544
67	2021-09-11-61	University of Delaware	Advanced Manufacturing of Renewable and Recyclable Polymers	\$0	\$0	\$1,019,335
68	2021-09-11-62	University of Delaware	Refining Side Scan Sonar as a Tool to Support Management of Asian Carp	\$31,250	\$0	\$0
69	2021-09-11-63	University of Delaware	A Machine Learning Tool for 3D Reconstruction of Interplanetary Magnetic Fields	\$0	\$0	\$22,204
70	2021-09-11-64	University of Delaware	REU Site: Solving Societal Grand Challenges with Electrical and Computer Engineering	\$307,037	\$0	\$0
71	2021-09-11-65	University of Delaware	The Hidden Side of Selenoprotein S: Its Binding and Reaction Partners Beyond Protein Degradation	\$632,707	\$0	\$0
72	2021-09-11-66	University of Delaware	Symposium on Science, Technology, and Innovation	\$0	\$0	\$4,000
73	2021-09-11-67	University of Delaware	Impact Of Covid-19 on Delivery of Special Education and Therapeutic/Related Services as Well as Developmental Outcomes of Children with Autism Spectrum Disorder	\$1,896,115	\$0	\$0
74	2021-09-11-68	University of Delaware	Post-school Pathways for Youth on the Autism Spectrum	\$0	\$0	\$49,932
75	2021-09-11-69	University of Delaware	Testing Efficiency of Amber ChromTM Fine Mesh Ion Exchange Resins for Purification of Complex Oligonucleotides	\$0	\$0	\$102,178
76	2021-09-11-70	University of Delaware	USDA Hatch Regular Keeler FY22	\$1,185,162	\$0	\$0
77	2021-09-11-71	University of Delaware	USDA Hatch Multistate FY22	\$534,477	\$0	\$0
78	2021-09-11-72	University of Delaware	USDA NIFA McIntire Stennis FY22	\$133,006	\$0	\$0
79	2021-09-11-73	University of Delaware	Acquisition of Goods and Services	\$28,682	\$0	\$0



80	2021-09-11-74	University of Delaware	Hypersonic Stability of Cone Geometries with Various Wall Conditions	\$0	\$0	\$3,538
81	2021-09-11-75	University of Delaware	Collaborative Research: CIF: Small: Hypergraph and Multi-Layer Graph Signal Processing Via T-Product Decompositions	\$191,386	\$0	\$0
82	2021-09-11-76	University of Delaware	Oceanographic Technical Services	\$71,650	\$0	\$0
83	2021-09-11-77	University of Delaware	A Secondary Transition Psychoeducation Program for Transition Goal Setting for Autistic High School Students and their Caregivers	\$0	\$0	\$424,775
84	2021-09-11-78	University of Delaware	Test and Evaluation for a SLED Array Multispectral Scene Projector	\$0	\$0	\$92,562
85	2021-09-11-79	University of Delaware	IR-4 Minor Crop Pest Management	\$0	\$0	\$16,000
86	2021-09-11-80	University of Delaware	Foxe3 and Gene Regulatory Networks in Lens and Eye Development	\$0	\$0	\$80,450
87	2021-09-11-81	University of Delaware	Supplement to Lattice-Matched InGaBiAs on InP for Extended Wavelength SWIR Detection	\$4,500	\$0	\$0
88	2021-09-11-82	University of Delaware	Heading and Soccer: Understanding Cognitive Risks, Benefits, and the Potential Mediating Role of White Matter	\$0	\$0	\$132,308
89	2021-09-11-83	University of Delaware	DE-AFO: A Comfortable Ankle-Foot Orthosis, Powered by Artificial Muscles	\$0	\$0	\$89,158
90	2021-09-11-84	University of Delaware	Large-Scale Average Trends in Plasma Parameters Across the Heliosphere	\$141,341	\$0	\$0
91	2021-09-11-85	University of Delaware	Master Players Concert Series NEA	\$108,381	\$0	\$0
92	2021-09-11-86	University of Delaware	Building a Validation and Verification Suite for OpenMP 4.5	\$252,052	\$0	\$0
93	2021-09-11-87	University of Delaware	Development of a Direct Fuel Cell For the Perhydrodibenzyltoluene/Dibenzyltoluene Fuel Pair	\$0	\$0	\$77,612
94	2021-09-11-88	University of Delaware	Quality or Compliance: Principal Perceptions of a PSEL-Based Evaluation System	\$0	\$0	\$49,895
95	2021-09-11-89	University of Delaware	Egg-Based IgY Antibody Project for Histomonas and Hepatitis E Antigens	\$0	\$0	\$1,200
96	2021-09-11-90	University of Delaware	Researching the Causes of Underutilized US Marine Fish Stocks	\$0	\$0	\$4,229
97	2021-09-11-91	University of Delaware	Understanding and Addressing the Impact of COVID-19 Educational Disruptions on the Fractions-to-Algebra Pipeline	\$0	\$0	\$239,810
98	2021-09-11-92	University of Delaware	Boosting Efficacy of Oral Vaccine Candidates by Enabling Spore Display of Nitrated Antigens	\$0	\$0	\$276,016
99	2021-09-11-93	University of Delaware	DE Shellfish Aquaculture: Training to Support an Emerging Industry	\$0	\$0	\$40,355
100	2021-09-11-94	University of Delaware	Motivating Successful Writers: Exploring Classroom Instruction	\$0	\$0	\$140,567
101	2021-09-11-95	University of Delaware	Collaborative Research: Protein Engineering and Processing of Plant Viral Templates for Controlled Nanoparticle Synthesis	\$475,326	\$0	\$0
102	2021-09-11-96	University of Delaware	Glygen Growth and Evolution into a Central Resource for Glycans and Glycoconjugates.	\$0	\$0	\$143,000
103	2021-09-11-97	University of Delaware	Dynamic Quantum Magnetic Imaging	\$0	\$0	\$68,455
104	2021-09-11-98	University of Delaware	Shanghai Sonatas Staged Workshop	\$0	\$0	\$36,460
105	2021-09-11-99	University of Delaware	STTR: Molecular Engineering of a Highly Oleaginous Yeast for Healthy Oil Production	\$0	\$0	\$95,091

106	2021-09-12-01	University of Delaware	Collaborative Research: Growth and Angiogenesis in Lymph Nodes - Biomechanical Insights into Inflammation	\$309,599	\$0	\$0
107	2021-09-12-02	University of Delaware	Next-Gen Coarse-Grained Molecular Models for Predicting Protein-Protein Interactions	\$0	\$0	\$90,000
108	2021-09-12-03	University of Delaware	Unmanned Bridge Infrastructure Safety System (UBISS)	\$0	\$0	\$40,088

Revised 9/20/2021

**Delaware State Clearinghouse Committee**  
**Revised October Agenda**  
**Meeting to be Held Virtually - Meeting Information/Instructions Attached**  
**Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901**  
**October 19, 2021 @ 10:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">5174</a>	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program (TEFAP) Supplement - CRRSA COVID-19	\$229,681	\$0	\$0	0.00	0.00	0.00
2	<a href="#">5151</a>	Department of State, Small Business, Office of Tourism	Travel, Tourism and Outdoor Recreation - ARP COVID-19	\$7,759,540	\$0	\$0	0.00	0.00	0.00
3	<a href="#">5166</a>	Department of Health and Social Services, State Service Centers	AmeriCorps Formula Fixed - ARP COVID-19	\$1,075,605	\$0	\$0	0.00	0.00	0.00
4	<a href="#">5000</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund Continuation Grant and Switch Fund Request	\$11,100,000	\$2,220,000	\$0	23.35	0.00	0.00
5	<a href="#">5143</a>	Department of Agriculture, Administration	Specialty Crop Block Grant - CRRSA COVID-19	\$465,434	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">5084 Amendment</a>	Executive, Office of Management and Budget	Coronavirus State Fiscal Recovery Fund - ARP COVID-19	\$11,197,608	\$0	\$0	*9.70	0.00	0.00
2	<a href="#">4699 Amendment</a>	Executive, Criminal Justice, Statistical Analysis Centers	State Justice Statistics Program for Statistical Analysis Centers	\$73,911	\$0	\$0	0.90	0.00	0.00
3	<a href="#">4829 Amendment</a>	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Assistance Grant	\$0	\$79,228	-\$79,228	4.00	0.00	0.00
4	<a href="#">5131</a>	Department of Health and Social Services, Public Health, Community Health	Maternal and Child Health Services	\$2,042,781	\$12,011,179	\$0	18.25	50.00	0.00
5	<a href="#">5134</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	State Opioid Response Grant	\$36,792,330	\$669,043	\$0	0.00	5.20	0.00
6	<a href="#">5141</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program (Admin)	\$51,781	\$22,377	\$0	0.34	0.00	0.00
7	<a href="#">5142</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program (Food)	\$252,812	\$0	\$0	0.00	0.00	0.00
8	<a href="#">5118</a>	Legal, Department of Justice	Medicaid Fraud Control Unit	\$2,023,796	\$674,599	\$0	13.75	4.25	0.00
9	<a href="#">5038</a>	Department of Health and Social Services, Social Services	Social Services Block Grant	\$4,700,000	\$0	\$0	18.30	0.00	0.00
10	<a href="#">5073</a>	Department of Health and Social Services, Social Services	Child Care Development Fund - Matching	\$6,029,461	\$6,029,461	\$0	0.00	0.00	0.00
11	<a href="#">5052</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund	\$7,779,000	\$1,555,800	\$0	0.00	0.00	0.00
12	<a href="#">5071</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(c) Traffic Safety Information System Information	\$318,888	\$0	\$0	0.00	0.00	0.00
13	<a href="#">5072</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(d) Impaired Driving Countermeasures	\$1,140,566	\$0	\$0	0.00	0.00	0.00
14	<a href="#">5087</a>	Department of Safety and Homeland Security, Office of the Secretary, Developmental Disabilities Council	Developmental Disabilities Council	\$533,068	\$20,000	\$80,000	4.00	0.00	0.00
15	<a href="#">5124</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 402 Planning and Administration	\$2,221,915	\$191,208	\$0	4.00	2.00	0.00

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

16	<a href="#">5136</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Emergency Management Performance Grant	\$3,293,610	\$1,152,354	\$2,414,256	19.60	8.51	9.75
17	<a href="#">4997</a>	Department of Labor, Office of Occupational and Labor Market Information	Workforce Information Grant	\$301,540	\$0	\$0	1.50	0.00	0.00
18	<a href="#">5095</a>	Department of Labor, Unemployment Insurance	Unemployment Insurance Administration Grant	\$14,095,367	\$151,110	\$0	128.02	3.00	0.00
19	<a href="#">5116</a>	Department of Labor, Unemployment Insurance	Trade & Alternative Trade Adjustment Benefits	\$2,000,000	\$0	\$0	0.00	0.00	0.00
20	<a href="#">5123</a>	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	\$548,694	\$0	\$0	7.00	0.00	0.00
21	<a href="#">5115</a>	Department of Agriculture, Food Products Inspection	Cooperative Meat Inspection	\$325,132	\$325,137	\$0	2.78	2.78	0.00
22	<a href="#">5135</a>	Department of Agriculture, Agricultural Lands Preservation Foundation	Agricultural Conservation Easement Program	\$1,800,000	\$1,800,000	\$0	0.00	0.00	0.00

#### Higher Education

1	2021-10-02-01	Delaware State University	Community Well-Being Initiative - Phase I	\$155,633	\$0	\$0			
2	2021-10-02-02	Delaware State University	Community Well-Being Initiative - Phase 2	\$1,711,945	\$0	\$0			
3	2021-10-02-03	Delaware State University	Actions Against Racism	\$191,716	\$0	\$0			
4	2021-10-02-04	Delaware State University	Thrust 4 - Value-Added Systems and Technologies	\$80,000	\$0	\$0			
5	2021-10-02-05	Delaware State University	Development of Genetic and Genomic Resources in Sugar Maple (Acer Saccharum Marshall) Using Next Generation Sequencing Technologies	\$177,340	\$0	\$0			
6	2021-10-02-06	Delaware State University	Quit & Get Fit: Do the Dash from Tobacco	\$14,995	\$0	\$0			
7	2021-10-02-07	Delaware State University	Health Fund Application	\$166,668	\$0	\$0			
8	2021-10-02-08	Delaware State University	Redding Consortium for Educational Equity	\$82,871	\$0	\$0			
9	2021-10-02-09	Delaware State University	Magnetic Resonance Imaging Study of the Role of Cerebellum in the Pathology of Spinal Muscular Atrophy in Motor Neuron Rescue Mouse Model	\$29,171	\$0	\$0			
10	2021-10-09-01	University of Delaware	Low-Observable Communications Mast for Undersea Platforms (LOCM-UP)	\$755,841	\$0	\$0			
11	2021-10-09-02	University of Delaware	Adapting a Disclosure Decision-Aid to Improve HIV Outcomes for Older Adults in Ukraine	\$0	\$0	\$67,121			
12	2021-10-09-03	University of Delaware	Mechanisms and Moderators of Learning Through Errors: An Exploration of Algebra Students' Experiences with Errorful Instructional Materials	\$1,362,105	\$0	\$0			
13	2021-10-09-04	University of Delaware	TARGET by Example: Developing a Socio-Cognitive Approach to Enhance Fractions Learning Experiences	\$1,648,553	\$0	\$0			
14	2021-10-09-05	University of Delaware	HHS DATI FY2021 Delaware Assistive Technology Initiative	\$747	\$0	\$0			
15	2021-10-09-06	University of Delaware	Vascular Responses to Acute Aerobic Exercise in Early-and Late-Perimenopause	\$0	\$0	\$64,072			
16	2021-10-09-07	University of Delaware	Supporting Preschoolers' Language and Literacy Skills Through Video Chat Reading	\$1,759,611	\$0	\$0			
17	2021-10-09-08	University of Delaware	Characterization of Brain Mechanical Properties in Children with Autism, Using Magnetic Resonance Elastography, for Early Prediction of Clinically Relevant Functional Deficits	\$1,249,995	\$0	\$0			
18	2021-10-09-09	University of Delaware	RACE2SHIELD: Research in the AVIDD Center of Excellence at Emory: SARS-CoV-2 & Other Human Infectious Emerging Viral Diseases	\$0	\$0	\$750,065			
19	2021-10-09-10	University of Delaware	Small Business Administration Cooperative Agreement FY20-21	\$117,595	\$130,147	\$0			

20	2021-10-09-11	University of Delaware	Supplement to Development of Stable Fluorinated Anion Exchange Membrane	\$0	\$0	\$55,394
21	2021-10-09-12	University of Delaware	Accessible and Affordable Clean Transportation via V2G-Enabled Carsharing	\$0	\$0	\$436,856
22	2021-10-09-13	University of Delaware	Therapeutic Design for Enhanced Antiretroviral Delivery to Lymphoid Tissue	\$196,753	\$0	\$0
23	2021-10-09-14	University of Delaware	Acquisition of Goods and Services A	\$40,909	\$0	\$0
24	2021-10-09-15	University of Delaware	Acquisition of Goods and Services B	\$9,091	\$0	\$0
25	2021-10-09-16	University of Delaware	Acquisition of Goods and Services C	\$12,273	\$0	\$0
26	2021-10-09-17	University of Delaware	Collaborative Research: Human Social-Behavioral Dynamics-Informed Post-Disaster Telecommunication Relief: A Data-Driven Approach	\$189,523	\$0	\$0
27	2021-10-09-18	University of Delaware	Topological Identification and Analysis of Cyclic Features in Neural Population Coding - Supplement	\$5,000	\$0	\$0
28	2021-10-09-19	University of Delaware	Developing the DASAL: Digital Assessment of Spatial Assembly and Spatial Language	\$1,686,464	\$0	\$0
29	2021-10-09-20	University of Delaware	Procurement Technical Assistance Program Increase	\$21,081	\$0	\$0
30	2021-10-09-21	University of Delaware	CY22 Small Business Development Center Network	\$697,137	\$437,953	\$0
31	2021-10-09-22	University of Delaware	EPSCoR Workshop on Machine Learning for Analysis of Cosmic-Ray Air Showers	\$38,486	\$0	\$0
32	2021-10-09-23	University of Delaware	Development of a Prototype Smart Hy-Rail Wheel	\$0	\$0	\$62,491
33	2021-10-09-24	University of Delaware	Pittsburgh Center for HIV Protein Interactions (PCHPI)	\$0	\$0	\$1,768,885
34	2021-10-09-25	University of Delaware	Dominican Republic-Central America Free Trade Agreement (CAFTA-DR): Economic Impact of the Regional Textile and Apparel Supply Chain	\$0	\$0	\$5,025
35	2021-10-09-26	University of Delaware	The Role of Potassium Supplementation on Vascular Health Under High Sodium Conditions	\$0	\$0	\$138,384
36	2021-10-09-27	University of Delaware	Masculine and Feminine Attributes of Major Party Candidates: Understanding Americans Changing Conceptualization of Candidates and Parties	\$0	\$0	\$9,045
37	2021-10-09-28	University of Delaware	Evaluation of Aragonite as Litter Amendment	\$0	\$0	\$19,702
38	2021-10-09-29	University of Delaware	Collaborative Research: Visual Adaptations in Hydrothermal Vent Shrimp and the Role in Feeding Modalities and Habitat Selection	\$238,964	\$0	\$0
39	2021-10-09-30	University of Delaware	AFOSR A Highly Efficient Multi-Dimensional Semi-Lagrangian Discontinuous Galerkin Method for Vlasov Simulations	\$245,447	\$0	\$0
40	2021-10-09-31	University of Delaware	Procurement Technical Assistance Program Option Period Step 2- Revised	\$274,557	\$62,230	\$0
41	2021-10-09-32	University of Delaware	VA Goats Elliott	\$5,780	\$0	\$0
42	2021-10-09-33	University of Delaware	Bellevue/Samsha Planet Youth Coalition SPF-PFS Evaluation Team	\$0	\$0	\$25,429
43	2021-10-09-34	University of Delaware	CARES Act Funding Increase	\$163,615	\$0	\$0
44	2021-10-09-35	University of Delaware	A Decentralized Framework for Safe Interaction Between Autonomous and Human-Driven Vehicles	\$0	\$0	\$79,009
45	2021-10-09-36	University of Delaware	H2O RESTART: Resilient and Equitable Communities Through Systems-Based, Transdisciplinary Approaches to Water Reuse Research and Translation	\$0	\$0	\$264,900
46	2021-10-09-37	University of Delaware	BMGF NIMBL Collaboration Project	\$0	\$0	\$4,545,455
47	2021-10-09-38	University of Delaware	Yoda1-Augmented Vibration as an Exercise Alternative to Suppress Bone Fractures from Metastatic Breast Cancers	\$824,727	\$0	\$0
48	2021-10-09-39	University of Delaware	A Holistic Study of Sgr A* Accretion	\$0	\$0	\$25,000

49	2021-10-09-40	University of Delaware	Elucidating the Mechanisms of Sudden Cardiac Death in Dilated Cardiomyopathy: From Phenotype Predictors to Therapeutic Targets	\$0	\$0	\$150,000
50	2021-10-09-41	University of Delaware	CY2021 NSF SHIP OPS Support Covid Relief	\$556,890	\$0	\$0
51	2021-10-09-42	University of Delaware	Collaborative Research: Accessing the Fluid Memory to Identify Unknown Upstream Conditions	\$71,824	\$0	\$0
52	2021-10-09-43	University of Delaware	Synthesis and Observation of Emergent Phenomena in Epitaxial Heusler Compound Heterostructures	\$0	\$0	\$196,182
53	2021-10-09-44	University of Delaware	Christiana Care PADE 21/22 Partner Organization	\$0	\$0	\$18,500
54	2021-10-09-45	University of Delaware	Community Legal Aid Society PADE 21/22 Partner Organization	\$0	\$0	\$18,500
55	2021-10-09-46	University of Delaware	Delaware Community Reinvestment Action Council PADE 21/22 Partner Organization	\$0	\$0	\$16,500
56	2021-10-09-47	University of Delaware	Proximate Network Inc BASSE PADE 21/22 Partner Organization	\$0	\$0	\$16,500
57	2021-10-09-48	University of Delaware	Be Ready CDC PADE 21/22 Partner Organization	\$0	\$0	\$13,500
58	2021-10-09-49	University of Delaware	CMOS-RRAM Neuromorphic Computing Circuits and Algorithms for Continuous On-Chip Learning	\$0	\$0	\$109,451
59	2021-10-09-50	University of Delaware	The Role of Multimodal Feedback on Real-Time Decision-Making and Control During Human Interactions in Virtual Reality	\$0	\$0	\$62,501
60	2021-10-09-51	University of Delaware	Development of InGaBiAs as an InP-Based >2m Active Region for VCSELS	\$0	\$0	\$99,097
61	2021-10-09-52	University of Delaware	Children's Beach House PADE 21/22 Partner Organization	\$0	\$0	\$22,000
62	2021-10-09-53	University of Delaware	Habitat for Humanity PADE 21/22 Partner Organization	\$0	\$0	\$55,500
63	2021-10-09-54	University of Delaware	Mental Health Association of Delaware PADE 21/22 Partner Organization	\$0	\$0	\$20,000
64	2021-10-09-55	University of Delaware	Healthy Foods for Healthy Kids PADE 21/22 Partner Organization	\$0	\$0	\$13,500
65	2021-10-09-56	University of Delaware	Uncovering Links Between Intolerance of Uncertainty and Long-term Incarceration: Implications for the Re-Entry Process	\$0	\$0	\$7,500
66	2021-10-09-57	University of Delaware	Housing Alliance Delaware PADE 21/22 Partner Organization	\$0	\$0	\$20,000
67	2021-10-09-58	University of Delaware	Delaware Community Foundation Healthy Communities Delaware PADE 21/22 Partner Organization	\$0	\$0	\$13,500
68	2021-10-09-59	University of Delaware	KIPP PADE 21/22 Partner Organization	\$0	\$0	\$21,500
69	2021-10-09-60	University of Delaware	Behavior of Monoclonal Antibody and Non-Ionic Surfactant at a Hydrophobic Interface by Small-Angle Neutron Scattering (SANS) and Neutron Reflectivity (NR)	\$0	\$0	\$101,562
70	2021-10-09-61	University of Delaware	Pittsburgh Center for HIV Protein Interactions (PCHPI)	\$0	\$0	\$935,686
71	2021-10-09-62	University of Delaware	Leadership Coaching for 14 Principals at DE Schools	\$0	\$0	\$36,198
72	2021-10-09-63	University of Delaware	Undesirability and Her Sisters: Black Women's Visual Work	\$0	\$0	\$35,000
73	2021-10-09-64	University of Delaware	Biopsychosocial Characteristics of Extremism Driving Engagement and Disengagement	\$3,463,022	\$0	\$0
74	2021-10-09-65	University of Delaware	Phase II, Y5 of Business Plan Development Supporting Implementation of a Water Fund to Restore Brandywine-Christina Watershed to a Fishable, Swimmable, Potable Status	\$0	\$0	\$24,051
75	2021-10-09-66	University of Delaware	United States East Coast Tsunami Hazard Mitigation Program	\$0	\$0	\$106,220

76	2021-10-09-67	University of Delaware	Clinical Health Coaching Intervention Among High-Risk Low-Income Minority Females During Pre and Post-Partum Treatment	\$0	\$0	\$104,850
77	2021-10-09-68	University of Delaware	Transforming Plastic Waste to Electronic Materials for Neural Interfaces	\$0	\$0	\$150,000
78	2021-10-09-69	University of Delaware	U.S. Department of State Funding Opportunity SFOP0005474 FY 2022 Study of the U.S. Institutes for Scholars	\$0	\$0	\$270,362
79	2021-10-09-70	University of Delaware	Developing Capacity to Assess Dim Light Melatonin Onset so Relationship Between Circadian Phase and Subclinical Cardiovascular Disease can be Explored	\$0	\$0	\$4,950
80	2021-10-09-71	University of Delaware	Population Demography of Bob Cats in Western Maryland	\$0	\$0	\$6,250
81	2021-10-09-72	University of Delaware	Fighting SARS CoV-2 and Future Pandemics, from Target Discovery and Validation to Lead Drug Development	\$0	\$0	\$885,915
82	2021-10-09-73	University of Delaware	College Course Exposure in High School and Post-High School Outcomes	\$0	\$0	\$41,380
83	2021-10-09-74	University of Delaware	Developing an Understanding of AAV Structure and Stability	\$0	\$0	\$100,000
84	2021-10-09-75	University of Delaware	Machine Learning for Accurate Computational Studies of Heavy-Element Chemistry	\$0	\$0	\$136,915
85	2021-10-09-76	University of Delaware	Multisensory Processing for Balance Control in Walking	\$1,601,181	\$0	\$0
86	2021-10-09-77	University of Delaware	RACE2SHIELD: Research in the AVIDD Center of Excellence at Emory: SARS-CoV-2 & Other Human Infectious Emerging Viral Diseases	\$0	\$0	\$750,065
87	2021-10-09-78	University of Delaware	Low-Cost and High Efficiency CMOS Compatible GaN High Electron Mobility Transistor Technology for Wireless Power Charging at the Hospitals	\$0	\$0	\$150,000
88	2021-10-09-79	University of Delaware	Microrobot-Guided Targeting of Prostate Tumors	\$749,988	\$0	\$0
89	2021-10-09-80	University of Delaware	Adaptive Ankle Assistance to Augment Mobility in Cerebral Palsy	\$0	\$0	\$45,522
90	2021-10-09-81	University of Delaware	PIPP Phase I: Predictive Intelligence for Atmospheric Incursions of Plant Pandemics	\$0	\$0	\$19,868
91	2021-10-09-82	University of Delaware	A Synthetic Biology Programming Language and Foundational Control Theory with Application to Guided Multicellular Mammalian 3D Shape Shifters	\$0	\$0	\$1,127,658
92	2021-10-09-83	University of Delaware	Radio America Production of Educational Audio and Video Features for the Center for Economic Educations & Entrepreneurship	\$0	\$0	\$71,236
93	2021-10-09-84	University of Delaware	Impact of Covid-19 on Delivery of Therapeutic Services and Developmental Outcomes of Children with Autism Spectrum Disorder	\$1,276,557	\$0	\$0
94	2021-10-09-85	University of Delaware	Dynamic Modeling of 100 Stellar Winds in the Galactic Center's Inner Parsec	\$0	\$0	\$50,001
95	2021-10-09-86	University of Delaware	The Persistence of Cover Cropping in the U.S.	\$175,000	\$0	\$0
96	2021-10-09-87	University of Delaware	A Data-Driven Approach to Engineer Lipid Nanoparticles for Drug Delivery to the Placenta	\$0	\$0	\$366,070
97	2021-10-09-88	University of Delaware	Heterogeneous Multi-Robot Team Planning and Control	\$0	\$0	\$79,935
98	2021-10-09-89	University of Delaware	Spectral Ends Combinatorial Properties of Graphs and Association Schemes	\$124,794	\$0	\$0
99	2021-10-09-90	University of Delaware	Combinatorially Structured Diffusions	\$127,619	\$0	\$0
100	2021-10-09-91	University of Delaware	The Effects of Strawberry Consumption on Cardiovascular Health and Cognition in Middle-Aged Adults with Prehypertension	\$0	\$0	\$127,211
101	2021-10-09-92	University of Delaware	Elucidating the Molecular and Neural Structure of Female Sexual Reward	\$0	\$0	\$300,000
102	2021-10-09-93	University of Delaware	Horn Entrepreneurship Blue Hen Proof of Concept Program	\$50,000	\$0	\$0

103	2021-10-09-94	University of Delaware	Synthesis of Research on Effects of Professional Development on Elementary and Secondary Mathematics Achievement	\$0	\$0	\$81,427
104	2021-10-09-95	University of Delaware	Stuttering Profiles and Predictors of Stuttering Persistence and Recovery	\$0	\$0	\$92,928
105	2021-10-09-96	University of Delaware	Collaborative Research: CIF: Small: Hypergraph and Multi-Layer Graph Signal Processing Via T-Product Decompositions	\$222,636	\$0	\$0
106	2021-10-09-97	University of Delaware	Collaborative Research: Middle School Students Graphing from the Ground Up	\$136,968	\$0	\$0
107	2021-10-09-98	University of Delaware	The Interplay Between Combinatorial Designs and Functions Exhibiting Special Properties	\$181,287	\$0	\$0
108	2021-10-09-99	University of Delaware	Theoretical Studies of Intermolecular Forces	\$384,711	\$0	\$0
109	2021-10-10-01	University of Delaware	A Framework to Incorporate Daily Behavior in the Evaluation of Real-World Gait Biomechanics	\$0	\$0	\$27,732
110	2021-10-10-02	University of Delaware	Graduate Training Program in Computational Biology, Bioinformatics and Biomedical Data Science (CBB)	\$1,507,338	\$0	\$0
111	2021-10-10-03	University of Delaware	Exploring the Role of Immune Function and Stress on Parent Talk in the Context of a Mindfulness-Infused Early Language Intervention	\$2,114,318	\$0	\$0
112	2021-10-10-04	University of Delaware	GROW: A National Response to the Herbicide-Resistant Weed Epidemic	\$12,003	\$0	\$0
113	2021-10-10-05	University of Delaware	Acquisition of Goods and Services D	\$59,200	\$0	\$0
114	2021-10-10-06	University of Delaware	Additive Manufacturing of Continuous Carbon Fiber Reinforced Polysiloxane for Thermal Protection	\$0	\$0	\$305,897
115	2021-10-10-07	University of Delaware	Porous Molecules as a Platform for Solid-State Organometallic Chemistry	\$173,417	\$0	\$0
116	2021-10-10-08	University of Delaware	Collaborative Research: CPS: Medium: A Novel Design Methodology for Composite Materials 3D Printing	\$319,895	\$0	\$0
117	2021-10-10-09	University of Delaware	Graft Site Tendon Morphology in Athletes After Anterior Cruciate Ligament Reconstruction Using Bone-Patellar Tendon-Bone Autograft	\$0	\$0	\$10,000
118	2021-10-10-10	University of Delaware	Validation of a Hydrogel-Based, In Vitro Breast Cancer Dormancy Model	\$900,001	\$0	\$0
119	2021-10-10-11	University of Delaware	Molecular Dynamics of Viruses in Biology and Biotechnology	\$0	\$0	\$150,000
120	2021-10-10-12	University of Delaware	Targeting Treatment-Refractory Osteolysis in ccRCC Metastasis Associated with BIGH3-Induced Bone Anabolic Failure	\$0	\$0	\$47,094
121	2021-10-10-13	University of Delaware	Information to Insights to Interventions for Pandemics (III-P): Integrated Intelligence across Systems	\$0	\$0	\$35,037
122	2021-10-10-14	University of Delaware	Coded Aperture X-Ray Spectral Tomography for High Penetration Screening	\$327,710	\$0	\$0
123	2021-10-10-15	University of Delaware	PLECHAC - SANDIA Labs	\$0	\$0	\$25,695
124	2021-10-10-16	University of Delaware	PIPP Phase I: Elucidating Inter-Species Pathogen Transmission to Predict and Prevent the Emergence of Pandemic-Causing Avian Influenza Virus in Humans	\$687,787	\$0	\$0
125	2021-10-10-17	University of Delaware	Non-Commutative Analysis for Non-Local Games	\$175,086	\$0	\$0



126	2021-10-10-18	University of Delaware	SEL Navigator: The Design and Development of a Telemetric Social Emotional Learning Dashboard	\$1,109,980	\$0	\$0
127	2021-10-10-19	University of Delaware	Designing Real-Time Bacterial Reporting of Enzymes Secreted by Mammalian Cells	\$1,250,000	\$0	\$0
128	2021-10-10-20	University of Delaware	Preclinical Human Heart Microtissue Platform with Advanced Biomechanical Control	\$0	\$0	\$150,000
129	2021-10-10-21	University of Delaware	Improving K Fertilizer Recommendations for Corn on the Delmarva Peninsula (DE)	\$0	\$0	\$5,000
130	2021-10-10-22	University of Delaware	Council of Chief State School Officers Facilitation, Meeting Design, and State Support to the Social Studies Collaborative	\$0	\$0	\$30,000
131	2021-10-10-23	University of Delaware	Clinical Decision-Making Tools and Targeted Interventions to Mitigate Injury Risk After Return to Duty Following Mild Traumatic Brain Injury	\$0	\$0	\$106,216
132	2021-10-10-24	University of Delaware	NCA Undergraduate Connections Project	\$0	\$0	\$4,545
133	2021-10-10-25	University of Delaware	Development of an In Vitro Suction Mediated Transfection System (6 Month Plan)	\$0	\$0	\$19,200
134	2021-10-10-26	University of Delaware	Nuvve Research Year 6 Funding	\$0	\$0	\$348,392
135	2021-10-10-27	University of Delaware	Research Inclusion Through Data Accessibility	\$0	\$0	\$5,000
136	2021-10-10-28	University of Delaware	Collaborative Research: SHF: Small: Exploiting Performance Correlations for Accurate and Low-cost Performance Testing for Serverless Computing	\$196,198	\$0	\$0
137	2021-10-10-29	University of Delaware	Quantum Energy and Sustainable Solar Technologies (QESST) Supplement	\$0	\$0	\$16,026
138	2021-10-10-30	University of Delaware	Elucidation of the Role of PKC in Skeletogenesis	\$0	\$0	\$1,000
139	2021-10-10-31	University of Delaware	Epigenetic Dysregulation of Muscle in Spastic Cerebral Palsy	\$0	\$0	\$500,000
140	2021-10-10-32	University of Delaware	Development and Evaluation of Agrotexiles from End-of-Use Cotton Waste	\$0	\$0	\$58,468
141	2021-10-10-33	University of Delaware	Educational Exergame to Support Healthy Aging: Game Adaptation and Development of Methodology for Measurement of Movement, Engagement, and Cognitive Function	\$275,000	\$0	\$0
142	2021-10-10-34	University of Delaware	Effects of Westernized Diets on Metabolism of a Dietary Carcinogen, Phip, and Colon Cancer Markers in Mice	\$2,264,036	\$0	\$0
143	2021-10-10-35	University of Delaware	Phosphoarginine-Linked Protein Quality Control in Mycobacteria	\$1,250,000	\$0	\$0
144	2021-10-10-36	University of Delaware	Elucidating the Molecular and Neural Structure of Female Sexual Reward	\$1,250,000	\$0	\$0
145	2021-10-10-37	University of Delaware	Targeting Multiple Diseased Mechanisms by Modulating Hsp90β Regulatory Complexes	\$1,250,000	\$0	\$0

146	2021-10-10-38	University of Delaware	Total Inhalable Deposition in an Actuated Lung (TIDAL) Model to Breathe New Life into Assessments of Orally Inhaled and Nasal Drug Products (OINDP)	\$1,292,081	\$0	\$0
147	2021-10-10-39	University of Delaware	Examining Privacy Concerns for Interventions in Online News Systems	\$0	\$0	\$62,500
148	2021-10-10-40	University of Delaware	Sampling and Reconstruction of Flash LIDAR Waveforms	\$25,419	\$0	\$0
149	2021-10-10-41	University of Delaware	Total Nonnegativity of Kernels and Riordan Arrays	\$131,263	\$0	\$0
150	2021-10-10-42	University of Delaware	FET Fabrication	\$0	\$0	\$27,940
151	2021-10-10-43	University of Delaware	Particle Theory and Cosmology	\$201,082	\$0	\$0
152	2021-10-10-44	University of Delaware	Dewing Foundation, Lab School Outdoor Learning Environment Shade Structure	\$0	\$0	\$25,000
153	2021-10-10-45	University of Delaware	TARGET By Example: Developing a Socio-Cognitive Approach to Enhance Fractions Learning Experiences	\$1,139,805	\$0	\$0
154	2021-10-10-46	University of Delaware	Improving Highbush Blueberry Planting Performance in Upland Soils and Addressing Climate Change by Identifying Appropriate Southern Highbush Cultivars	\$0	\$0	\$45,206
155	2021-10-10-47	University of Delaware	Infant-Directed Speech and Early Language Learning in Bilingual Infants and Toddlers	\$667,063	\$0	\$0
156	2021-10-10-48	University of Delaware	Expanding Access to Natural Product Chemical Diversity Via Anaerobic Fungi	\$1,250,000	\$0	\$0
157	2021-10-10-49	University of Delaware	Reprogramming Cell Fate Using Micromachines	\$1,250,000	\$0	\$0
158	2021-10-10-50	University of Delaware	PL & Coaching to Support Math Teachers	\$0	\$0	\$12,471
159	2021-10-10-51	University of Delaware	Fuzzing Containers Using Reinforcement Learning	\$0	\$0	\$87,742
160	2021-10-10-52	University of Delaware	Measurement Inc/Bill & Melinda Gates Foundation	\$0	\$0	\$106,488

\* Revised 10/18/21

**Delaware State Clearinghouse Committee**  
**November Agenda**  
**Meeting to be Held Virtually - Meeting Information/Instructions Attached**  
**Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901**  
**November 16, 2021 @ 10:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">5182</a>	Department of Health and Social Services, Administration, Office of the Secretary	Health Insurance Market Stabilization Supplement - ARP COVID-19	\$10,821,203	\$0	\$0	0.00	0.00	0.00
2	<a href="#">4826 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness Cooperative Agreement	\$0	-\$420,808	\$420,808	9.00	0.00	0.00
3	<a href="#">BP 3416 3432 Switch Fund</a>	Department of Natural Resources and Environmental Control, Environmental Finance	BP 3416 & BP 3432 Switch Fund Request	\$0	\$0	\$0	0.00	GF -2.00 ASF 1.68	0.32
4	<a href="#">5178</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Fisheries - CRRSA COVID-19	\$2,959,612	\$8,879	\$0	0.00	0.00	0.00
5	<a href="#">5171</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Flexibility to Stabilize the Market Cycle	\$664,382	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">5176</a>	Executive, Criminal Justice, Criminal Justice Council	Sexual Assault Services Program	\$422,027	\$0	\$0	0.20	0.00	0.00
2	<a href="#">5179</a>	Department of Health and Social Services, Division of State Service Centers	AmeriCorps Formula Planning	\$190,933	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2979 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	State Wildlife Management Area Enhancement	\$153,000	\$51,000	\$0	0.00	0.00	0.00
4	<a href="#">5167</a>	Department of State, Division of Human Relations	Fair Housing Assistance Program	\$150,173	\$0	\$0	1.00	0.00	0.00
5	<a href="#">5170</a>	Department of State, Office of the Secretary, Administration	State Trade Expansion Program	\$233,548	\$77,849	\$0	0.00	0.00	0.00
6	<a href="#">4964</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Supported Employment - A	\$21,000	\$0	\$0	0.00	0.00	0.00
7	<a href="#">4965</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Supported Employment - B	\$21,000	\$2,333	\$0	0.00	0.00	0.00
8	<a href="#">4966</a>	Department of Health and Social Services, Visually Impaired Services	Independent Living Services for Older Individuals Who Are Blind	\$225,000	\$209,261	\$0	1.75	3.00	0.00
9	<a href="#">4967</a>	Department of Health and Social Services, Visually Impaired Services	Vocational Rehabilitation- Blind (Basic Support)	\$1,523,301	\$419,714	\$0	13.00	0.00	0.00
10	<a href="#">5121</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Nutritional Education	\$1,246,487	\$0	\$0	0.00	0.00	0.00
11	<a href="#">5138</a>	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Hospice	\$19,618	\$0	\$0	0.12	0.00	0.00
12	<a href="#">5139</a>	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Medicare	\$1,168,301	\$0	\$0	8.02	0.00	0.00
13	<a href="#">5140</a>	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Medicaid	\$1,731,722	\$564,668	\$0	6.99	2.33	0.00
14	<a href="#">5145</a>	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS - Prevention	\$1,039,019	\$0	\$0	3.75	0.00	0.00
15	<a href="#">5146</a>	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS Core Surveillance	\$314,308	\$0	\$0	3.25	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	<a href="#">5156</a>	Department of Health and Social Services, Public Health, Community Health	Environmental Protection Agency Multipurpose Grant	\$42,500	\$0	\$0	0.00	0.00	0.00
17	<a href="#">5163</a>	Department of Services for Children, Youth and Their Families, Division of Management and Support Services, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	\$200,000	\$42,664	\$0	0.00	0.00	0.00
18	<a href="#">5149</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Recreational Boating Safety Financial Assistance	\$1,014,846	\$1,014,846	\$0	6.25	9.95	0.00
19	<a href="#">5153</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	F-75-R-17 Tidal Freshwater Fisheries Management Program	\$61,125	\$20,375	\$0	0.59	0.05	0.00
20	<a href="#">5172</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	State Wildlife Management Area Enhancement	\$525,000	\$175,000	\$0	0.00	0.01	0.00
21	<a href="#">5125</a>	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	\$1,181,243	\$208,291	\$0	6.65	0.95	0.00
22	<a href="#">5127</a>	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Adult	\$2,485,077	\$0	\$0	12.72	0.00	0.00
23	<a href="#">5128</a>	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Dislocated Worker	\$3,066,268	\$0	\$0	14.73	0.00	0.00
24	<a href="#">5129</a>	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Youth	\$2,583,296	\$0	\$0	3.20	0.00	0.00
25	<a href="#">5130</a>	Department of Labor, Employment and Training, Employment and Training Services	Wagner-Peyser Act, Employment Services	\$1,880,875	\$0	\$0	18.60	0.00	0.00
26	<a href="#">5177</a>	Department of Labor, Employment Training, Employment and Training Services	Work Opportunity Tax Credit	\$71,024	\$0	\$0	0.50	0.00	0.00
27	<a href="#">5144</a>	Department of Agriculture, Administration	Specialty Crop Block Grant	\$349,797	\$0	\$0	0.00	0.00	0.00
28	<a href="#">5162</a>	Fire Prevention Commission, State Fire School	National Fire Academy Training Grant	\$20,000	\$60	\$0	0.00	0.00	0.00
29	<a href="#">5132</a>	Department of Education, Office of Early Learning	Head Start Collaboration	\$125,000	\$41,316	\$0	0.75	0.00	0.00

#### Higher Education

1	2021-09-09-01	Delaware Technical Community College	1+1 Program with Howard High School	\$0	\$0	\$285,000
2	2019-05-11-05 Amendment	Delaware State University	Evaluation of Dover PSN	\$10,092	\$0	\$0
3	2021-11-06-01	Delaware State University	A Latin America Regional Collaborative Network for Monitoring New and Emerging Animal and Plant Pest and Diseases	\$210,000	\$0	\$0
4	2021-11-06-02	Delaware State University	Expanded Food and Nutrition Education Program-FY22	\$104,460	\$0	\$0
5	2021-11-06-03	Delaware State University	Excellence in Research: Interaction Dynamics of Pre-Synaptic Modulators of Dopamine	\$657,493	\$0	\$0
6	2021-11-06-04	Delaware State University	Federal Supplemental Educational Opportunity Grant 2021-2022	\$215,364	\$0	\$0
7	2021-11-06-05	Delaware State University	Federal Work Study 2021-2022	\$194,699	\$0	\$0
8	2021-11-06-06	Delaware State University	High Precision Measurements of Isotopic Oxygen and Carbon Rotational Vibrations Transitions Using Data-Driven Frequency Comb Spectroscopy	\$465,509	\$0	\$0
9	2021-11-06-07	Delaware State University	Excellence in Research - Vesicular Acetylcholine Transporter Trafficking and Synaptic Activity	\$751,575	\$0	\$0
10	2021-11-06-08	Delaware State University	DE Sea Grant 2022-2024 Omnibus	\$89,991	\$0	\$0
11	2021-11-06-09	Delaware State University	Defect Engineering in 2D Systems for Photonic and Nano-Devices (2D-Spand)	\$998,460	\$0	\$0

12	2021-11-06-10	Delaware State University	An All-in-One Low-Power Two-Dimensional Neuromorphic Hardware	\$998,285	\$0	\$0
13	2021-11-06-11	Delaware State University	Controlling Properties of 2D Materials Using Ferroelectric Thin Films	\$199,744	\$0	\$0
14	2021-11-06-12	Delaware State University	Pathways for Public Health: Building a Resilient and Equitable Post-Pandemic Public Health	\$32,480	\$0	\$0
15	2021-11-06-13	Delaware State University	Excellence in Research: Collaborative: An HBCU Partnership to Explore the COVID-19, Microbiome Footprint in Mammalian Internal Organs	\$191,231	\$0	\$0
16	2021-11-06-14	Delaware State University	Agricultural Extension at 1890 Land Grant Institutions	\$1,375,560	\$0	\$0
17	2021-11-06-15	Delaware State University	Theoretical Investigations of Ionization Processes in an Ultracold Quantum Rydberg Gas	\$250,642	\$0	\$0
18	2021-11-06-16	Delaware State University	Strengthening Global Education Through Collaborative Partnerships and International Service Learning	\$299,995	\$0	\$0
19	2021-11-06-17	Delaware State University	Assessing Alternative Replacement of Lipids and Changes in the Human Gut Microbiota	\$499,997	\$0	\$0
20	2021-11-06-18	Delaware State University	Evaluate and Understand High Temperature Stress Responses in Hemp Using Omics Approaches	\$299,809	\$0	\$0
21	2021-11-06-19	Delaware State University	Role of Cruciferous Vegetables in the Prevention of Obesity and Associated Metabolic Complications	\$500,000	\$0	\$0
22	2021-11-06-20	Delaware State University	Artificial Intelligence in Wearable Textile Technology and its Integration in Textile Program	\$114,281	\$0	\$0
23	2021-11-06-21	Delaware State University	Delaware Shellfish Aquaculture: Training to Support an Emerging Industry	\$347,976	\$0	\$0
24	2021-11-06-22	Delaware State University	Development and Validation of Single Nucleotide Polymorphism-Based Markers for High-Temperature Stress Tolerance in Blueberries	\$299,997	\$0	\$0
25	2021-11-06-23	Delaware State University	Enhancing Public Engagement Via Virtual Resources in Delaware	\$250,000	\$0	\$0
26	2021-11-06-24	Delaware State University	Increasing the Income Opportunities in Underserved and Limited Resource Farms Through Developing of Value-Added Products Made from Specialty Crops	\$246,787	\$0	\$0
27	2021-11-06-25	Delaware State University	A Predictive Ecosystem Model Using Drone Mapping Technology: How Population Growth and Land Use Changes Will Impact Delaware Bay Productivity	\$99,934	\$0	\$0
28	2021-11-06-26	Delaware State University	Develop an MS in Dietetics Including Experiential Learning to Graduate Nutrition Leaders with Expertise in Addressing Health Disparities	\$149,962	\$0	\$0
29	2021-11-06-27	Delaware State University	Identification of Physiological, Transcriptomic, and Epigenomic Changes Caused by Salt and Drought Stress in Durum Wheat	\$299,989	\$0	\$0
30	2021-11-06-28	Delaware State University	SMART Farming: Building Artificial Intelligence (AI) Capacity for Education, Research and Extension at Minority Serving 1890 Institutions	\$746,375	\$0	\$0
31	2021-11-06-29	Delaware State University	Effort to Strengthen Educational Opportunities for the Next Generation of Black Fashion Leaders	\$0	\$0	\$50,000
32	2021-11-06-30	Delaware State University	Strategies to Effectively Promote Vaccination for Universal Coverage Project (STEP-For-U Project): Social Capital, Health Literacy	\$0	\$0	\$203,698
33	2021-11-06-31	Delaware State University	Partnership for Research and Education in Soft Matter Research & Technology and Quantum Confinement Materials Design (SMaRT)	\$799,058	\$0	\$0
34	2021-11-13-01	University of Delaware	Collaborative Proposal: Understanding and Addressing the Impact of COVID-19 Educational Disruptions on the Fractions-to-Algebra Pipeline	\$0	\$0	\$263,982
35	2021-11-13-02	University of Delaware	Collaborative Research: RAPID: Decision Making and Adaptation Among the Homeless and Homeless Serving Organizations During Hurricane Ida	\$43,580	\$0	\$0
36	2021-11-13-03	University of Delaware	Selective Removal of Pathogenic Autoantibodies by Antigen-Specific IgG Degrading Nanoparticles	\$0	\$0	\$130,001
37	2021-11-13-04	University of Delaware	Role of Mitochondrial Metabolism in Prostate Cancer	\$1,996,190	\$0	\$0
38	2021-11-13-05	University of Delaware	Validating Learning Analytics with Student Voice by Aligning Traces, Text, and Interview Data About Self-Regulated STEM Learning	\$0	\$0	\$124,950

39	2021-11-13-06	University of Delaware	Exploring Farmer Behavior for Water Buyback Programs: An Economic Development Approach	\$0	\$0	\$98,700
40	2021-11-13-07	University of Delaware	Molecular Assessment of a Stressed Atlantic Sturgeon Nursery Habitat: The Nanticoke River-Marshyhope Creek, Chesapeake Bay	\$0	\$0	\$228,700
41	2021-11-13-08	University of Delaware	Capture Co2 Directly from the Atmosphere Using Electrochemical Cells Powered by Clean Electricity.	\$0	\$0	\$169,098
42	2021-11-13-09	University of Delaware	Nemours Selva Ebraheem	\$0	\$0	\$44,293
43	2021-11-13-10	University of Delaware	The Influence of Virtual Reality Environments on Voice Perception and Production	\$279,846	\$0	\$0
44	2021-11-13-11	University of Delaware	Environmental Exposures to Antimicrobial Compounds and Lung Function in 2-3-year-old High-Risk Children	\$750,000	\$0	\$0
45	2021-11-13-12	University of Delaware	Funds to Support the Young Coastal Scientists and Engineers Conference Americas	\$3,000	\$0	\$0
46	2021-11-13-13	University of Delaware	Amplifying Research by BIPOC Scholars on Social Movements and Political Organizing	\$0	\$0	\$45,000
47	2021-11-13-14	University of Delaware	ADAPTATION: Re-envisioning Inclusive and Sustainable Excellence (RISE): Advancing Women and Underrepresented Minorities in STEM at Old Dominion University	\$0	\$0	\$93,750
48	2021-11-13-15	University of Delaware	Environmental Justice and Inclusive, Democratic Politics in Urban Environments	\$0	\$0	\$11,770
49	2021-11-13-16	University of Delaware	Collaborative Proposal: Mechanisms and Moderators of Learning through Errors: An Exploration of Algebra Students' Experiences with Errorful Instructional Materials	\$913,977	\$0	\$0
50	2021-11-13-17	University of Delaware	Negative Information Cascades in Fringe Social Networks	\$0	\$0	\$74,854
51	2021-11-13-18	University of Delaware	Delaware Sea Grant 2022-2024 Omnibus	\$2,086,097	\$0	\$0
52	2021-11-13-19	University of Delaware	Shining the Light on You: Workforce Well-Being for Family Child Care Providers	\$0	\$0	\$49,374
53	2021-11-13-20	University of Delaware	Multi-Use Opportunities for Small Coastal and Marine Operators in Rhode Island's Blue Economy	\$0	\$0	\$0
54	2021-11-13-21	University of Delaware	Development of Students' Probabilistic Modeling	\$280,546	\$0	\$0
55	2021-11-13-22	University of Delaware	Can You RELATE? Interaction-Based Professional Development for Inclusive and Special Education Classroom Teams	\$0	\$0	\$204,658
56	2021-11-13-23	University of Delaware	Feasibility of Noxious Electrical Stimulation for Chronic Knee Osteoarthritis Pain	\$0	\$0	\$16,539
57	2021-11-13-24	University of Delaware	Special Initiative on Offshore Wind EF 21-22	\$0	\$0	\$58,594
58	2021-11-13-25	University of Delaware	Privacy-Preserving Methods for Influence Maximization in Social Networks	\$0	\$0	\$69,797
59	2021-11-13-26	University of Delaware	A Unified Cloud Platform for the Simulation of Co-Operative Autonomous Driving	\$0	\$0	\$40,000
60	2021-11-13-27	University of Delaware	CC* Integration-Large: Hybrid Auditorium with Wireless Social VR	\$672,202	\$0	\$0
61	2021-11-13-28	University of Delaware	CC* Planning: Delaware Research & Education Network (DEREN)	\$57,383	\$0	\$0
62	2021-11-13-29	University of Delaware	Understanding Adolescent Covid-19 Vaccination and the Influence of Parents and Social Media as Information Sources	\$290,372	\$0	\$0
63	2021-11-13-30	University of Delaware	The Development of a Bone Extracellular Matrix Ex Vivo Model for Osteosarcoma	\$0	\$0	\$42,782
64	2021-11-13-31	University of Delaware	Plasmonic-Semiconductor Nanoparticles for Photocatalytic Oxidative Desulfurization & Denitrogenation	\$0	\$0	\$110,000
65	2021-11-13-32	University of Delaware	Toward the Next Generation Multimodal Representation Learning: Multiplicity, Flexibility, and Fairness	\$0	\$0	\$69,270

66	2021-11-13-33	University of Delaware	Pathways for Public Health: Building a Resilient and Equitable Post-Pandemic Public Health Workforce	\$0	\$0	\$125,469
67	2021-11-13-34	University of Delaware	NHERI Computational Modeling and Simulation Center (SimCenter)	\$0	\$0	\$79,711
68	2021-11-13-35	University of Delaware	2021 Otho Davis Scholarship Foundation	\$0	\$0	\$20,000
69	2021-11-13-36	University of Delaware	Enhancing the Quality of Kindergarten Services	\$0	\$0	\$379,214
70	2021-11-13-37	University of Delaware	Novel Spacecraft Power Supply	\$0	\$0	\$50,000
71	2021-11-13-38	University of Delaware	Temporal Dynamics of Risk-Taking Behaviors in Adolescence	\$0	\$0	\$5,000
72	2021-11-13-39	University of Delaware	Improving Education Leaders' Use of Research Evidence: The Influence of Education Doctorate (Ed.D.) Program Features	\$0	\$0	\$389,516
73	2021-11-13-40	University of Delaware	miR-181c-loaded Biomimetic Nanocarriers for Targeted Treatment of Fanconi Anemia	\$449,999	\$0	\$0
74	2021-11-13-41	University of Delaware	Highly Conformal High Lubricity Tribological Coatings on Complex Engine Fuel Systems by Atomic Layer Deposition	\$0	\$0	\$33,441
75	2021-11-13-42	University of Delaware	Researching the Causes of Underutilized US Marine Fish Stocks	\$0	\$0	\$3,354
76	2021-11-13-43	University of Delaware	Evaluation of Novel Exxon Resins	\$0	\$0	\$39,739
77	2021-11-13-44	University of Delaware	Multi-Scale Modeling and Experimental Characterization of Adhesion in Microelectronics Applications	\$0	\$0	\$750,000
78	2021-11-13-45	University of Delaware	Carbon Footprint Tool	\$0	\$0	\$12,251
79	2021-11-13-46	University of Delaware	MARACOOS (Mid-Atlantic IOOS): Powering Understanding and Prediction of the Mid-Atlantic Ocean, Coast, and Estuaries	\$27,189,206	\$0	\$0
80	2021-11-13-47	University of Delaware	HR Competencies for Restaurant Managers Cohort 5	\$0	\$0	\$22,500
81	2021-11-13-48	University of Delaware	The Causes and Consequences of the Urban Heat Island Effect	\$0	\$0	\$70,692
82	2021-11-13-49	University of Delaware	Nasa Delaware Space Grant College and Fellowship Program Years 3-4 Augmentation 4 High	\$250,002	\$0	\$0
83	2021-11-13-50	University of Delaware	Nasa Delaware Space Grant College and Fellowship Program Years 3-4 Augmentation 4 Low	\$166,650	\$0	\$0
84	2021-11-13-51	University of Delaware	Collaborative Research: RI: AF: Small: Long-Term Impact of Fair Machine Learning Under Strategic Individual Behavior	\$164,823	\$0	\$0
85	2021-11-13-52	University of Delaware	Mechanisms of Neuromuscular Fatigue in Huntington's Disease	\$0	\$0	\$79,374
86	2021-11-13-53	University of Delaware	Active/Passive Detection and Classification of Unmanned Aerial Systems	\$0	\$0	\$35,174
87	2021-11-13-54	University of Delaware	Microscale Platforms for Modulating Cellular Hypoxia	\$274,999	\$0	\$0
88	2021-11-13-55	University of Delaware	Brain and Behavioral Correlates of Approach-Avoidance Conflict in Children Who Stutter	\$375,000	\$0	\$0
89	2021-11-13-56	University of Delaware	Inhalable Prophylactic Platform for Sequestration of Respiratory Viruses	\$275,003	\$0	\$0
90	2021-11-13-57	University of Delaware	Irex Mandela Washington Fellowship for Young African Leaders	\$0	\$0	\$191,857
91	2021-11-13-58	University of Delaware	Investigating the Role of ECM Stiffness and Renal Interstitial Cell Patterning During Nephron Differentiation in the Embryonic Mouse Kidney	\$0	\$0	\$830,000
92	2021-11-13-59	University of Delaware	Photon Counting SWIR Imagers Leveraging CMOS Technology	\$0	\$0	\$36,250
93	2021-11-13-60	University of Delaware	Planning an Offshore Wind Power Marshalling Port	\$318,216	\$0	\$0

94	2021-11-13-61	University of Delaware	Animal Health and Disease Research Program FY 22	\$22,056	\$0	\$0
95	2021-11-13-62	University of Delaware	Electrochemical Decyanation of Nitrile Containing Polymers	\$0	\$0	\$75,000
96	2021-11-13-63	University of Delaware	Enhance Support for Early Childhood Systems Through Act Early Ambassador Program to Support COVID19 Recovery - Part 2	\$0	\$0	\$74,758
97	2021-11-13-64	University of Delaware	Easter Seals of Delaware and Maryland's Eastern Shore PADE 21/22 Partner Organization	\$0	\$0	\$21,500
98	2021-11-13-65	University of Delaware	Cornerstone West Community Development Corporation PADE 21/22 Partner Organization	\$0	\$0	\$18,500
99	2021-11-13-66	University of Delaware	RETTL: Multimodal Embodied Framework for Cognitive and Physical Development of Children in Playful Math Learning	\$569,695	\$0	\$0
100	2021-11-13-67	University of Delaware	Year Long Benefits of Cover Crops: Precision Mapping Post Harvest Weed Growth	\$0	\$0	\$181,791
101	2021-11-13-68	University of Delaware	Automated Subscale Ballistic Test Platform	\$0	\$0	\$45,626
102	2021-11-13-69	University of Delaware	Optical Neural Motes to Enable High Density Recording Through Intact Dura in a Nonhuman Primate	\$0	\$0	\$266,731
103	2021-11-13-70	University of Delaware	Medical and Graduate Student Preceptorship	\$0	\$0	\$1,000
104	2021-11-13-71	University of Delaware	Graduate and Medical Student Preceptorship	\$0	\$0	\$1,000
105	2021-11-13-72	University of Delaware	Community Legal Aid Society PADE 21/22 Partner Organization	\$0	\$0	\$150,350
106	2021-11-13-73	University of Delaware	Leading Youth Through Empowerment PADE 21/22 Partner Organization	\$0	\$0	\$16,500
107	2021-11-13-74	University of Delaware	Multiplying Good PADE 21/22 Partner Organization	\$0	\$0	\$16,500
108	2021-11-13-75	University of Delaware	Shore Protection Structure Design Incorporating Coastal Sediments	\$192,748	\$0	\$0
109	2021-11-13-76	University of Delaware	B3MADE: Building a Better Biopharmaceutical Manufacturing Workforce in Delaware	\$312,500	\$0	\$0
110	2021-11-13-77	University of Delaware	Center for Structural Equity PADE 20/21 Partner Organization	\$0	\$0	\$13,500
111	2021-11-13-78	University of Delaware	Action Selection During Collaborative and Competitive Sensorimotor Interactions in Healthy and Clinical Populations	\$0	\$0	\$72,716
112	2021-11-13-79	University of Delaware	Probing RDoC Domains Through Online Social Interactions: fMRI Task Development in Typical and At-Risk Adolescents	\$0	\$0	\$98,838
113	2021-11-13-80	University of Delaware	A Bioinspired Multi-Fin UUV for Efficient, Fast, Agile, and Quiet Swimming	\$0	\$0	\$58,244
114	2021-11-13-81	University of Delaware	Collaborative Research: NSF-BSF: SHF: Small: Leveraging Dataflow Semantics for Distributed Graph Neural Network Processing	\$198,776	\$0	\$0
115	2021-11-13-82	University of Delaware	High-Speed Quantum Magnetic Widefield Imaging	\$314,543	\$0	\$0
116	2021-11-13-83	University of Delaware	Engineering Dynamic, Heterogeneous in Vitro Extracellular Matrices to Model Progressive Desmoplasia and Early-Stage Invasion in Pancreatic Ductal Adenocarcinoma	\$0	\$0	\$84,305
117	2021-11-13-84	University of Delaware	Advancing Healthy Lifestyles: Chronic Disease, Health Equity & COVID-19 Phase 2	\$0	\$0	\$59,382
118	2021-11-13-85	University of Delaware	Farm Succession Skills and Resources for Mid-Atlantic Service Providers	\$0	\$0	\$36,364
119	2021-11-13-86	University of Delaware	III: Small: Developing Optimization-Driven Learning Pipelines for Social Contagion Management	\$320,676	\$0	\$0
120	2021-11-13-87	University of Delaware	The Longitudinal Relationship of Sedentary Behavior with Health Outcomes in a Community-Based Cohort: The Johnston County Health Study	\$3,033,729	\$0	\$0



121	2021-11-13-88	University of Delaware	Development of a Smart HyRail Wheel for Assessing and Monitoring Railway Track Condition	\$0	\$0	\$46,851
122	2021-11-13-89	University of Delaware	Field Demonstration of Advance Landslide Warning Index for Railroad Tracks on Amtrak's Harrisburg Line in Pennsylvania	\$0	\$0	\$35,493
123	2021-11-13-90	University of Delaware	Development and Implementation of HBCU Based Railroad Engineering Program for Underrepresented Communities	\$3,758,283	\$0	\$0
124	2021-11-13-91	University of Delaware	Diabetic Foot Ulcer Management Through MR Elastography, Stress Modeling and Optimal Shoe Insert Design	\$0	\$0	\$125,001
125	2021-11-13-92	University of Delaware	Improving the Retention of Speech-Perceptual Learning in Adults with and Without Language Disorder	\$1,898,587	\$0	\$0
126	2021-11-13-93	University of Delaware	Phase II RR Track Performance Monitoring by Advanced Sensor Network & Big Data	\$0	\$0	\$33,659
127	2021-11-13-94	University of Delaware	Building a Validation and Verification Suite for OpenMP 4.5	\$0	\$0	\$245,751
128	2021-11-13-95	University of Delaware	Coordination Cage-Based Porous Liquids	\$297,107	\$0	\$0
129	2021-11-13-96	University of Delaware	Influence of Fiber Anchors on Cyclic Flexural Behavior of FRP-Strengthened Reinforced Concrete Beams	\$0	\$0	\$109,740
130	2021-11-13-97	University of Delaware	Developing Meta Data for State DOTs from Complex Optimization Problems to Support Asset Management	\$0	\$0	\$42,933
131	2021-11-13-98	University of Delaware	Mode of Action and Target Site Toxicity Model Evaluation for PFAS and Hydraulic Fracking Compounds Journal Manuscript	\$0	\$0	\$7,499
132	2021-11-13-99	University of Delaware	Professional Development in Sprayer Calibration and Pesticide Regulatory Compliance Assistance for Agricultural Service Providers	\$0	\$0	\$87,330
133	2021-11-14-01	University of Delaware	Programming Synthetic Auxotrophs to Depend on Breakdown Products of Biodegradable Polymers	\$335,844	\$0	\$0
134	2021-11-14-02	University of Delaware	Programmable Mechanical Metastructures from Three-Dimensional Architected Composites	\$335,931	\$0	\$0
135	2021-11-14-03	University of Delaware	Investigating the Effects of Algicidal Bacteria on Harmful Algal Blooms and Marine Flowering Plants	\$0	\$0	\$900,003
136	2021-11-14-04	University of Delaware	Process Optimization of Additively Manufactured Copper Shaped Charge Liners	\$0	\$0	\$92,511
137	2021-11-14-05	University of Delaware	Determination of Bridge Element Weights based on Data-driven Models	\$0	\$0	\$38,984
138	2021-11-14-06	University of Delaware	Multi-Robot Teaming for Inspection of Hydraulic Structures	\$0	\$0	\$51,867
139	2021-11-14-07	University of Delaware	Organic Transformations for Upgrading Plastic Waste to Functional Polymeric Materials	\$281,642	\$0	\$0
140	2021-11-14-08	University of Delaware	Evaluation Services for Community Health Worker Program	\$0	\$0	\$21,429
141	2021-11-14-09	University of Delaware	4H Programs in NCC for Rt. 9, Knollwood, Edgemoor, and Redding for FY2023	\$0	\$0	\$98,001
142	2021-11-14-10	University of Delaware	LSAMP BD: University of Delaware / Greater Philadelphia Region Louis Stokes Alliance for Minority Participation (Philadelphia AMP)	\$1,075,000	\$0	\$0
143	2021-11-14-11	University of Delaware	Developing Engineering Practices Using Ecosystem Design Solutions for Future Army (DEEDS) - University of Delaware	\$6,729,228	\$0	\$0
144	2021-11-14-12	University of Delaware	The Motor Impact of Mindfulness Meditation on Voice Production	\$0	\$0	\$20,179
145	2021-11-14-13	University of Delaware	Design of Anchors for Rapid and Durable Strengthening of Bridges with Externally Bonded Carbon Fiber Reinforced Polymer Composites Phase 2	\$0	\$0	\$49,258
146	2021-11-14-14	University of Delaware	Prediction of Exo-Zodi for Roman-CGI	\$0	\$0	\$20,340
147	2021-11-14-15	University of Delaware	Advanced Imaging for Roadbed Condition	\$176,769	\$0	\$0

148	2021-11-14-16	University of Delaware	Advanced Video Capture with Computer Vision Analysis for Assessing Park Amenity Type and Quality	\$275,000	\$0	\$0
149	2021-11-14-17	University of Delaware	DISES: Groundwater Sustainability in a Changing Climate: Coupled Hydrologic and Socioeconomic Dynamics in Irrigated Agricultural Landscapes	\$0	\$0	\$174,285

11/9/21

**Delaware State Clearinghouse Committee**  
**December Agenda**  
**Meeting to be Held Virtually - Meeting Information/Instructions Attached**  
**Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901**  
**December 21, 2021 @ 10:00am**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Federal</i>	<i>Positions State</i>	<i>Other</i>
<b>New Business*</b>									
1	<a href="#">5220</a>	Executive, Criminal Justice, Criminal Justice Council	Family Violence Prevention and Services Act COVID Testing - ARP COVID-19	\$1,480,347	\$0	\$0	0.30	0.00	0.00
2	<a href="#">5221</a>	Executive, Criminal Justice, Criminal Justice Council	Family Violence Prevention and Services Act to Support Sexual Assault Services - ARP COVID-19	\$971,392	\$0	\$0	0.29	0.00	0.00
3	<a href="#">5169</a>	Department of Health and Social Services, Medicare and Medical Assistance	Mobile Crisis Intervention Services - ARP COVID-19	\$536,357	\$0	\$0	0.00	0.00	0.00
4	<a href="#">5226</a>	Department of Health and Social Services, State Service Centers	Homeless Assistance City of Dover Grant - ARP COVID-19	\$450,000	\$0	\$0	0.00	0.00	0.00
5	<a href="#">4223 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware Aquatic Resources Education Program - Switch Fund Request	\$300,000	\$165,000	\$0	1.35	-0.95	0.00
6	<a href="#">5207</a>	Department of Safety and Homeland Security, Delaware Emergency Management Agency	Emergency Management Performance - ARP COVID-19	\$927,778	\$882,648	\$45,130	0.00	0.00	0.00
7	<a href="#">5181</a>	Department of Labor, Employment and Training, Employment and Training Services	Comprehensive and Accessible Reemployment through Equitable Employment Recovery (CAREER) National Dislocated Worker	\$2,903,766	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
1	<a href="#">5193</a>	Executive, Criminal Justice, Criminal Justice Council	Services-Training-Officers-Prosecutors (STOP) Violence Against Women Formula Grant	\$953,226	\$156,343	\$72,433	2.58	1.01	0.00
2	<a href="#">5202</a>	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act - Coverdell	\$296,966	\$0	\$0	0.10	0.00	0.00
3	<a href="#">4335 Amendment</a>	Department of Health and Social Services, Community Health, Public Health	Environmental Protection Agency Multipurpose Grant - CRRSA COVID-19	\$34,749	\$0	\$0	0.00	0.00	0.00
4	<a href="#">5154</a>	Department of Health and Social Services, Community Health, Public Health	Pregnancy Risk Assessment Monitoring System COVID supplement	\$13,060	\$0	\$0	0.00	0.00	0.00
5	<a href="#">5173</a>	Department of Health and Social Services, Community Health, Public Health	Delaware Public Water System Supervision	\$553,000	\$368,250	\$0	7.50	5.85	0.00
6	<a href="#">5180</a>	Department of Health and Social Services, Community Health, Public Health	Advancing Retail Program Standards Conformance through Inspection Equipment	\$21,159	\$0	\$0	0.00	0.00	0.00
7	<a href="#">5185</a>	Department of Health and Social Services, State Service Centers	Training & Technical Assistance Commission Investment	\$149,963	\$0	\$0	0.00	0.00	0.00
8	<a href="#">5189</a>	Department of Health and Social Services, State Service Centers	Commission Support Grant	\$280,000	\$323,165	\$0	2.75	4.28	0.00
9	<a href="#">3802 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware Hunter Education Program	\$1,218,000	\$406,000	\$0	1.75	2.67	0.00
10	<a href="#">5190</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Atlantic Flyway Canada Goose Cooperative Research and Survey Program	\$109,729	\$36,600	\$0	0.00	0.00	0.00
11	<a href="#">5188</a>	Department of Safety and Homeland Security, State Police, Traffic	Fatality Analysis Reporting System	\$243,105	\$0	\$0	0.55	0.00	0.00
12	<a href="#">5191</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Non-Profit Security Grant Program	\$970,298	\$0	\$0	0.00	0.00	0.00
13	<a href="#">5198</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Homeland Security Grant Program	\$4,602,500	\$0	\$0	2.75	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	<a href="#">5165</a>	Department of Transportation, Planning	High Priority Innovative Technology Deployment	\$1,023,060	\$180,540	\$0	0.00	0.00	0.00
15	<a href="#">5192</a>	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey-Infrastructure	\$72,069	\$0	\$0	0.83	0.00	0.00
16	<a href="#">5194</a>	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey	\$29,580	\$0	\$0	0.12	0.00	0.00
17	<a href="#">5195</a>	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest- Fire Ant Survey	\$9,400	\$0	\$0	0.05	0.00	0.00
18	<a href="#">5011 Amendment</a>	Department of Education, Student Support	National School Breakfast Program	\$6,050,664	\$0	\$0	0.00	0.00	0.00
19	<a href="#">5012 Amendment</a>	Department of Education, Student Support	National School Lunch Program	\$21,374,057	\$0	\$0	0.00	0.00	0.00

#### Higher Education

1	2021-12-04-01	Delaware State University	Assess the Impact of COVID 19 Pandemic on Food Consumption Behavior and Develop Approaches to Improve Access to Healthful Foods Among Low Income Families	\$32,000	\$0	\$0			
2	2021-12-04-02	Delaware State University	Increase the Supply of Trained Degree Recipients in the STEM Disciplines with Readiness for the Workforce.	\$100,000	\$0	\$0			
3	2021-12-04-03	Delaware State University	DSU Subaward to Large-Scale CoPe: REACCT-RESilient, Adaptable Communities Facing Coastal Threats Hub for Integrated Research and Engagement.	\$748,418	\$0	\$0			
4	2021-12-04-04	Delaware State University	Draft-Informed Management of an Endangered Species: Monitoring Atlantic Sturgeon Recruitment and Spawning Run Abundance with Forecasts of Abundance in the New York Bight DPS	\$490,557	\$0	\$0			
5	2021-12-04-05	Delaware State University	Molecular Assessment of a Stressed Atlantic Sturgeon Nursery Habitat: The Nanticoke River-Marshyhope Creek, Chesapeake Bay	\$91,729	\$0	\$0			
6	2021-12-04-06	Delaware State University	Investigating the Regulatory Role of TDP43 on Neuroinflammation in the Development of Dementia	\$1,067,630	\$0	\$0			
7	2021-12-04-07	Delaware State University	Community Well-Being Initiative	\$1,711,945	\$0	\$0			
8	2021-12-04-08	Delaware State University	National Summer Transportation Institute 2022	\$65,000	\$0	\$0			
9	2021-12-04-09	Delaware State University	CEEET (Center of Educational Excellence for Black Teachers) HBCU Program: Advocates for Black Educators (ABE)	\$1,980,000	\$0	\$0			
10	2021-12-04-10	Delaware State University	A1 Emerging Technologies in Agriculture	\$1,999,842	\$0	\$0			
11	2021-12-11-01	University of Delaware	Social Support, Acculturation, Maternal Self-Efficacy and Postpartum Depression in Immigrant Asian Indian Women in the United States	\$0	\$0	\$1,000			
12	2021-12-11-02	University of Delaware	Host Recognition of (Myc)Bacterial Cell Envelope MAMPs	\$0	\$0	\$100,000			
13	2021-12-11-03	University of Delaware	Bioavailability Estimation of Rumen-Protected Lysine Products	\$0	\$0	\$25,267			
14	2021-12-11-04	University of Delaware	SCH: Model-Informed Patient-Specific Rehabilitation Using Robotics and Neuromuscular Modeling	\$784,177	\$0	\$0			
15	2021-12-11-05	University of Delaware	HEALTH for All: Increasing Food Access Through Campus-Community Partnerships	\$0	\$0	\$100,000			
16	2021-12-11-06	University of Delaware	Small Particle Structure Control for Massive Efficiency Gains in Drying	\$0	\$0	\$756,337			
17	2021-12-11-07	University of Delaware	ECP SOLLVE OpenMP Training Activities	\$0	\$0	\$13,749			
18	2021-12-11-08	University of Delaware	University of Delaware NMP12	\$0	\$0	\$92,000			
19	2021-12-11-09	University of Delaware	Computationally Guided Protein-Based Mesoscale Ribbon Materials for Energy Management	\$0	\$0	\$310,228			

20	2021-12-11-10	University of Delaware	Additive Manufacturing of Autonomous Systems Solutions (AMASS)	\$0	\$0	\$248,880
21	2021-12-11-11	University of Delaware	Enhancement of OncoMX as a Biomarker-Centric Resource for Cancer and Comorbidities	\$0	\$0	\$228,000
22	2021-12-11-12	University of Delaware	SCH: Detecting Osteoporosis from Cyclic Loading	\$635,675	\$0	\$0
23	2021-12-11-13	University of Delaware	NASA SBIR Phase II 2021-II: Z4.06-1281 Manufacturing Assessment of Tailorable and Ultra-Thin Tuff Composites	\$0	\$0	\$140,625
24	2021-12-11-14	University of Delaware	Preparing for Science with the Rubin Observatory: Groundwork to Explore the Galactic Population of Exoplanets	\$0	\$0	\$70,260
25	2021-12-11-15	University of Delaware	Biodistribution of Megakaryocyte-Derived Extracellular Vesicles (MkEVs)	\$0	\$0	\$50,220
26	2021-12-11-16	University of Delaware	Wave 3 University of Delaware Well-Connected Communities	\$0	\$0	\$34,929
27	2021-12-11-17	University of Delaware	Design, Fabrication and Testing of Broadband W-Band Metasurfaces	\$0	\$0	\$68,745
28	2021-12-11-18	University of Delaware	Shanghai Sonatas	\$0	\$0	\$20,000
29	2021-12-11-19	University of Delaware	RENEW Program and Activity Support	\$0	\$0	\$18,300
30	2021-12-11-20	University of Delaware	SCH: Automating Goal-Based and Just-in-Time Health Coaching with Personalized, Context-Aware Dialogue and Multi-Modal Data Sensing, Collection, and Analysis on Commercial Hardware	\$781,519	\$0	\$0
31	2021-12-11-21	University of Delaware	Mechanisms and Boundary Conditions for the Role of Media Use in MCI and ADRD Disparities	\$2,449,691	\$0	\$0
32	2021-12-11-22	University of Delaware	Development and Application of Compound-Specific Oxygen Isotope Analysis for Tracing Environmental Fate of Insensitive Munitions (DNAN, NTO) and 1,4-Dioxane	\$504,863	\$0	\$0
33	2021-12-11-23	University of Delaware	UOL Finance Laux Academic Winter Program FY22	\$0	\$0	\$53,333
34	2021-12-11-24	University of Delaware	GOALI: Dry Etching of Metals for Microelectronic Applications	\$258,538	\$0	\$0
35	2021-12-11-25	University of Delaware	Collaborative Research: Every Datapoint Counts: Flare Studies in the Rubin Era	\$127,284	\$0	\$0
36	2021-12-11-26	University of Delaware	Collaborative Research: Optimized Frequency-Domain Analysis for Astronomical Time Series	\$433,818	\$0	\$0
37	2021-12-11-27	University of Delaware	Rapid Production of Human Biologic Countermeasures with the Fast-growing Yeast Kluyveromyces Marxianus	\$0	\$0	\$1,569,751
38	2021-12-11-28	University of Delaware	Exposure, Programming, Mentoring and Resources (EPMR): Opening the Door for Black Students in Eco-Environmental Fields	\$0	\$0	\$32,733
39	2021-12-11-29	University of Delaware	Parkinson's Disease Telehealth Clinic 2022	\$0	\$0	\$19,900
40	2021-12-11-30	University of Delaware	High Temperature All Solid-State LiAl-CO2 Batteries for Venus Missions	\$0	\$0	\$170,744
41	2021-12-11-31	University of Delaware	Researching Material Properties for NASA Astronaut Protection Against the Extremely Low Temperatures on the Southern Pole of the Moon for Long-term Human Habitation during the Artemis Mission	\$240,000	\$0	\$0
42	2021-12-11-32	University of Delaware	Building Ocean Literacy Through Hands-on Ocean Exploration	\$0	\$0	\$15,442
43	2021-12-11-33	University of Delaware	Developing a Knowledge Framework for Alzheimer's Disease and Related Dementias Focusing on the Impact of Non-Coding RNAs and Post-Translational Modifications	\$1,218,499	\$0	\$0
44	2021-12-11-34	University of Delaware	The Influence of Structure and Turbulence on Coronal and Heliospheric Dynamics - Improved Magnetohydrodynamic Modeling with Data-Driven Subgrid-Scale Effects	\$639,525	\$0	\$0
45	2021-12-11-35	University of Delaware	Envisioning Defossilized, Decarbonized, and Distributed Chemical Manufacturing of Ethylene Glycol by Harnessing Integrated Radiolytic and Electrochemical Pathways Enabled by Low Cost Renewable Energy Resources	\$0	\$0	\$50,000

46	2021-12-11-36	University of Delaware	Novel Instrumentation for Improving Efficacy of Coral Restoration Practices in a Cooperatively Managed Coastal Reef System	\$0	\$0	\$25,500
47	2021-12-11-37	University of Delaware	Collaborative Research: Drivers and Dynamics of Methane Seepage Along the US Atlantic Margin	\$575,877	\$0	\$0
48	2021-12-11-38	University of Delaware	Sleep and Cardiovascular Health in Low Socioeconomic Status Caregiver-Toddler Dyads: The Role of the Family Context	\$0	\$0	\$210,000
49	2021-12-11-39	University of Delaware	Office of Homeless Services City of Philadelphia Unsheltered Homeless Study	\$0	\$0	\$89,126
50	2021-12-11-40	University of Delaware	Sequential Low-Pressure Spray Additive Manufacturing for Solvent-Less Roll-to-Roll Coating of Battery Electrodes	\$0	\$0	\$314,616
51	2021-12-11-41	University of Delaware	Integration of Soil Mechanics in Numerical Models of Surf Zone Beach Processes Via Joint Field Observations and Numerical Modeling	\$136,864	\$0	\$0
52	2021-12-11-42	University of Delaware	Process Modeling and Building Block Approach to Eliminate Voids in Complex Geometries Fabricated Using the RTM Process	\$0	\$0	\$195,304
53	2021-12-11-43	University of Delaware	Development of a Next Generation Grade Crossing Safety Model Considering Engineering and Socio-Economic Parameters	\$547,476	\$0	\$0
54	2021-12-11-44	University of Delaware	The Intersectionality of Disability, Religion, Ethnicity, and Gender: Muslim Arabs in the United States	\$0	\$0	\$25,000
55	2021-12-11-45	University of Delaware	Plasmodesmal Targeting: Rules and Machinery	\$775,740	\$0	\$0
56	2021-12-11-46	University of Delaware	Yoga: A Novel Therapeutic Approach to Sodium-Induced Vascular Dysfunction in African Americans	\$0	\$0	\$17,672
57	2021-12-11-47	University of Delaware	Cryptocurrencies, States, and the Upending of World Order?	\$0	\$0	\$194,754
58	2021-12-11-48	University of Delaware	Anthropogenic Pressure, Climate Change, and the Future of Bengal Tigers in the Bangladesh Sundarbans	\$0	\$0	\$85,002
59	2021-12-11-49	University of Delaware	The Dynamics of Anti-Immigration Attitudes in Liberal Democracies	\$0	\$0	\$11,485
60	2021-12-11-50	University of Delaware	RI: Medium: Integration of Human Risk Preferences in Control Algorithms of Connected and Automated Vehicles	\$346,397	\$0	\$0
61	2021-12-11-51	University of Delaware	University of Delaware (UD) and the Eastern Kazakhstan Technical University (EKTU) Collaboration to Develop, Implement and Sustain a Professional MS Program in Renewable Energy and Establish Joint Research Programs	\$0	\$0	\$23,750
62	2021-12-11-52	University of Delaware	Researching Delaware's Black Community: The Implications of Demographic Changes and Geographic Shifts	\$0	\$0	\$200,000
63	2021-12-11-53	University of Delaware	IceCube Data Analysis in the U.S. 2022-2025	\$0	\$0	\$426,937
64	2021-12-11-54	University of Delaware	Work Supported by Sandia National Laboratories, Albuquerque, NM	\$0	\$0	\$45,654
65	2021-12-11-55	University of Delaware	Virus Evolution Via Changes in Latency: The Competitive Latency Model of Marek's Disease Virus (MDV)	\$1,864,343	\$0	\$0
66	2021-12-11-56	University of Delaware	Healthcare Workforce Initiative	\$0	\$0	\$349,293
67	2021-12-11-57	University of Delaware	Act Early Ambassador FY21	\$0	\$0	\$1,590
68	2021-12-11-58	University of Delaware	Focused CoPe: NEAULA@RRISCG (from Resilience to Retreat Through Integration of Science, Communities, and Governance)	\$0	\$0	\$247,134
69	2021-12-11-59	University of Delaware	Behavioral and Neural Activity During Voice-Centric Identity Challenge	\$97,976	\$0	\$0
70	2021-12-11-60	University of Delaware	Time is of the Essence: Investigating the Time Course of Speech-Motor Learning	\$97,976	\$0	\$0
71	2021-12-11-61	University of Delaware	Bond Performance Between Precast UHPC Substrates and Field Cast UHPC Connections	\$0	\$0	\$33,205
72	2021-12-11-62	University of Delaware	Computer-Generated, Person-Specific Interventions for Reading Disabilities	\$0	\$0	\$53,125

73	2021-12-11-63	University of Delaware	Studying the Implementation and Impact of Citizen Science Projects on Middle School Students' Environmental Literacy and Science Identity Development	\$0	\$0	\$50,000
74	2021-12-11-64	University of Delaware	Sustainable Cellulosic Base Oils	\$0	\$0	\$105,720
75	2021-12-11-65	University of Delaware	Focused CoPe: Climate Change, Coastal Hazards and Human Health (C3H3) Hub	\$0	\$0	\$140,476
76	2021-12-11-66	University of Delaware	The Foundation for Renewable Energy and Environment (FREE) Graduate Assistantship	\$0	\$0	\$13,200
77	2021-12-11-67	University of Delaware	Microbiome-Based Investigation of Anti-Cardiovascular Function of Parsnip	\$0	\$0	\$63,236
78	2021-12-11-68	University of Delaware	(Mis-)Managing Cambodias Relations and Territorial Conflict in Mainland Southeast Asia	\$0	\$0	\$8,340
79	2021-12-11-69	University of Delaware	Collaborative Research: Building an Industrial Mathematical Modeling Ecosystem	\$11,304	\$0	\$0
80	2021-12-11-70	University of Delaware	High Order Finite Elements with Polynomial Bubble Enrichment	\$102,858	\$0	\$0
81	2021-12-11-71	University of Delaware	Assessment of Achilles Tendon Injury in Adolescents	\$133,655	\$0	\$0
82	2021-12-11-72	University of Delaware	Scaling Up Biochar Applications for Accelerated Stormwater Runoff Reduction and Resiliency in the Chesapeake Bay	\$0	\$0	\$68,519
83	2021-12-11-73	University of Delaware	Mathematical Problems Arising from the Modeling and Computation of Dynamics of Composite Materials with Memory Terms	\$181,959	\$0	\$0
84	2021-12-11-74	University of Delaware	Public Allies FY22/23 National Support	\$0	\$0	\$554,047
85	2021-12-11-75	University of Delaware	WoU-MMA: Cosmic-Ray Physics with IceCube	\$3,368,995	\$0	\$0
86	2021-12-11-76	University of Delaware	Large-Scale CoPe: Coastal Hazards, Equity, Economic Prosperity, and Resilience (CHEER)	\$13,531,067	\$0	\$0
87	2021-12-11-77	University of Delaware	Discovering Musical Preferences: A Low-Cost, Multi-Layered Musical Controller and Logging System for Music Composed to Support Access to Participatory Music Listening Among Autistic Children	\$0	\$0	\$37,500
88	2021-12-11-78	University of Delaware	Plant Synthetic Biology: Deciphering the Roles of Genetic and Biochemical Redundancy and Pathway Regulation Via Refactoring the Plants Protective Cuticle.	\$0	\$0	\$550,885
89	2021-12-11-79	University of Delaware	Characterizing the Sexually Dimorphic Role of Topoisomerase II During the Sister Chromatid Cohesion Release Pathway.	\$138,108	\$0	\$0
90	2021-12-11-80	University of Delaware	Differential Contributions of Conscious and Unconscious Proprioceptive Impairments to Motor Deficits Following Stroke	\$0	\$0	\$210,000
91	2021-12-11-81	University of Delaware	Frameworks: Reproducible and Accessible Multiscale Simulations for Sustainable Chemical Processes Enabled by the Molecular Simulation Design Framework (MoSDeF) Cyberinfrastructure	\$0	\$0	\$277,055
92	2021-12-11-82	University of Delaware	AeroZepp: Aerostat Enabled Drone Glider Delivery System	\$50,419	\$0	\$0
93	2021-12-11-83	University of Delaware	Deciphering the Role of Sex as a Biological Variable in the Pathogenesis of Pulmonary Hypertension in Congenital Diaphragmatic Hernia	\$0	\$0	\$751,905
94	2021-12-11-84	University of Delaware	Large-Scale CoPe: SHORES (Science of Hazards in Oceanic-Rural Environments and Societies)	\$14,716,697	\$0	\$0
95	2021-12-11-85	University of Delaware	IUCRC Planning Grant University of Delaware: Center for Robotic Oceanic and Coastal Systems (CROCS)	\$12,500	\$0	\$0
96	2021-12-11-86	University of Delaware	Elements: Scalable and Automated Atomic Portal - Bridging the Gap Between Research Codes and User Community.	\$402,797	\$0	\$0
97	2021-12-11-87	University of Delaware	Delaware-Central Asia Partnership (D-CAP)	\$0	\$0	\$23,936
98	2021-12-11-88	University of Delaware	Enhancing the Chemical Durability of Proton Exchange Membranes and Development of Testing Protocols	\$0	\$0	\$76,624
99	2021-12-11-89	University of Delaware	Elevating Biomedical Research and Education at the University of Delaware with Powder-Based Additive Manufacturing	\$394,362	\$0	\$0

100	2021-12-11-90	University of Delaware	Selectivity, Structure, and Functional Impacts of tRNA Methyltransferases TRMT1 and TRMT1L	\$142,443	\$0	\$0
101	2021-12-11-91	University of Delaware	Pesticide Safety Education Program	\$13,418	\$0	\$0
102	2021-12-11-92	University of Delaware	Protective Potential of Curcumin in Smokers with Pre-Hypertensive/Stage 1 Hypertension: Clinical Assessment and Mechanism Validation in Preclinical Models	\$0	\$0	\$226,475
103	2021-12-11-93	University of Delaware	Embodied, Interactive Frameworks for Cognitive and Physical Development of Middle-School Students in Playful Math Learning Contexts	\$0	\$0	\$49,999

12/9/2021