

**Delaware State Clearinghouse Committee
August Agenda
Meeting to be Held via WebEx
WebEx Meeting Information/Instructions Attached
September 22, 2020 @ 10:00am**

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
New Business*									
1	4450 Amendment	Executive, Office of Management and Budget	Coronavirus Relief Fund - CARES Act COVID-19	\$0	\$0	\$0	1.00	0.00	0.00
2	4624	Department of Health and Social Services, Division of Health Care Quality	Survey and Certification - CARES Act COVID-19	\$241,429	\$0	\$0	0.65	0.00	0.00
3	4665	Department of Health and Social Services, Division of Substance Abuse and Mental Health	Crisis Counseling - Immediate Services DR-4526 FEMA COVID-19	\$1,223,750	\$5,662	\$0	0.00	0.07	0.00
4	4687	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Skilled Nursing Facilities - CARES Act COVID-19	\$1,975,000	\$0	\$0	0.00	0.00	0.00
5	4374	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Shat LLC Acquisition	\$162,500	\$177,688	\$0	0.00	0.00	0.00
6	4529	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund	\$11,011,000	\$2,239,292	\$0	22.15	0.85	0.00
7	4594	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Del Riparian and Conservation Practice Partnership	\$75,000	\$25,089	\$0	0.00	0.17	0.00
8	4487	Department of Safety and Homeland Security, Delaware State Police	Strategies for Policing Innovation	\$700,000	\$168,057	\$0	0.00	0.00	0.00
9	4644	Department of Transportation, Planning	Compatible Use Study for the Dover Air Force Base	\$270,000	\$30,000	\$0	0.00	0.00	0.00
10	4680	Department of Labor, Unemployment Insurance	Other Needs Assistance Program - FEMA COVID-19	\$341,584,727	\$113,854,552	\$0	1.01	0.00	0.00
11	2020-07-10-02	Department of Agriculture, Nutrition Management	National Fish and Wildlife Foundation Delaware River Program	\$0	\$384,000	\$250,000	0.00	0.00	0.00
12	4663	Delaware National Guard	Bethany Beach Training Site Physical Fitness Center	\$3,250,000	\$0	\$0	0.00	0.00	0.00
Continued									
1	4652	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Adoption Assistance	\$3,003,300	\$3,003,300	\$0	0.00	0.00	0.00
2	4585	Executive, Criminal Justice, Criminal Justice Council	Family Violence Prevention and Service Act	\$831,852	\$10,639	\$197,565	0.50	0.10	0.00
3	4619	Executive, Criminal Justice, Criminal Justice Council	John R. Justice Prosecutors and Defenders Grant	\$31,976	\$0	\$0	0.03	0.00	0.00
4	4579	Legal, Department of Justice	Internet Crimes Against Children	\$296,866	\$0	\$0	2.00	0.00	0.00
5	4580	Legal, Department of Justice	Medicaid Fraud Control Unit	\$1,940,722	\$646,907	\$0	13.75	4.25	0.00
6	4405	Department of Health and Social Services, Public Health, Community Health	Preventive Health and Health Services Block Grant	\$293,028	\$0	\$0	0.00	0.00	0.00
7	4481	Department of Health and Social Services, Division of Social Services	Supplemental Nutritional Assistance Program Farmers	\$24,990	\$0	\$0	0.00	0.00	0.00
8	4575	Department of Health and Social Services, Public Health, Community Health	Well-Integrated Screening & Evaluation for Women Across the Nation	\$500,000	\$166,667	\$0	1.20	0.00	0.00
9	4577	Department of Health and Human Services, State Service Centers	Community Services Block Grant	\$3,851,915	\$0	\$0	1.75	0.00	0.00
10	4581	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	State Opioid Response	\$36,789,643	\$0	\$0	1.00	0.00	0.00
11	4584	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	Strategic Prevention Framework for Prescription Drugs	\$371,616	\$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>

12	4587	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Hospice	\$17,835	\$0	\$0	0.12	0.00	0.00
13	4588	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey - Medicare	\$1,969,541	\$0	\$0	12.42	0.00	0.00
14	4589	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Medicaid	\$1,259,526	\$762,119	\$0	11.19	7.99	0.00
15	4591	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant	\$1,582,328	\$0	\$0	1.00	0.00	0.00
16	4600	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Substance Abuse Prevention & Treatment Services	\$3,484,087	\$92,484	\$0	2.20	0.80	0.00
17	4601	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Projects for Assistance in Transition from Homeless	\$300,000	\$107,810	\$0	0.00	0.00	0.00
18	4608	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Delaware Strategic Prevention Framework - Partnership for Success	\$1,000,000	\$0	\$0	0.00	0.00	0.00
19	4609	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	Delaware Drug Court Expansion and Enhancement Program	\$400,000	\$69,731	\$0	0.00	0.52	0.00
20	4613	Department of Health and Social Services, State Service Centers	Access & Visitation Program	\$100,000	\$11,111	\$0	0.00	0.00	0.00
21	4621	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Employment	\$435,491	\$435,491	\$0	0.00	0.00	0.00
22	4625	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
23	4626	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
24	4627	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
25	4628	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III, Part D - Disease Prevention and Health Promotion Services	\$98,661	\$0	\$0	0.00	0.00	0.00
26	4629	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
27	4630	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
28	4631	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
29	4632	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
30	3984 Amendment	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives - Administrative Implementation	\$1,376,000	\$137,599	\$0	0.00	0.00	0.00
31	4645	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	0.29	0.00
32	4646	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	\$538,371	\$0	0.00	0.85	0.00
33	4648	Department of Services for Children, Youth and Their Families, Division of Prevention and Behavioral Health Services, Prevention/Early Intervention	Community Alliance Behavioral Health and Well-being	\$400,000	\$227,011	\$0	0.00	1.00	0.00
34	4650	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Secretary	Title IV-E Foster Care	\$3,697,595	\$3,697,167	\$0	2.34	2.34	0.00
35	4153 Amendment	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E Education and Training Vouchers Program	\$30,000	\$7,556	\$0	0.00	0.00	0.00
36	4474	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Emergency Management Performance Grant	\$3,287,592	\$2,282,592	\$1,005,000	19.10	18.35	0.00
37	4557	Department of Safety and Homeland Security, State Police, Criminal Investigation	Port Security Grant Program	\$302,033	\$100,678	\$0	0.00	0.00	0.00
38	4596	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(f) Motorcycle Safety Grant	\$37,597	\$0	\$0	0.00	0.00	0.00
39	4597	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(h) Non-Motorized Incentive Grant	\$175,832	\$0	\$0	0.00	0.00	0.00

40	4598	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(b) Occupant Protection Incentive Grant	\$288,116	\$0	\$0	0.00	0.00	0.00
41	4603	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405(c) Traffic Safety Information System Improvements	\$318,072	\$0	\$0	0.00	0.00	0.00
42	4604	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
43	4605	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 402 Planning and Administration	\$2,221,915	\$188,045	\$0	4.00	2.00	0.00
44	4614	Department of Safety and Homeland Security, Office of the Secretary, Developmental Disabilities Council	Developmental Disabilities Council	\$520,902	\$20,000	\$80,000	4.00	0.00	0.00
45	4654	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Non-Profit Security Grant Program	\$334,980	\$0	\$0	0.00	0.00	0.00
46	4620	Department of Transportation, Planning	High Priority Commercial Motor Vehicle Safety	\$158,300	\$27,934	\$0	0.00	0.00	0.00
47	4636	Department of Transportation, Planning	High Priority Innovative Technology Deployment	\$803,103	\$141,723	\$0	0.00	0.00	0.00
48	4639	Department of Transportation, Planning	Delaware Aviation System Planning	\$103,499	\$0	\$0	0.00	0.00	0.00
49	4593	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Vocational Rehabilitation Services	\$12,076,795	\$3,288,000	\$0	72.40	0.00	0.00
50	4607	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health Statistics	\$79,000	\$79,000	\$0	1.00	1.00	0.00
51	4611	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Supported Employment Services	\$258,000	\$22,875	\$0	0.00	0.00	0.00
52	4612	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Independent Living Services	\$305,350	\$33,928	\$0	1.00	0.00	0.00
53	4633	Department of Labor, Industrial Affairs, Anti-Discrimination	Equal Employment Opportunity Commission	\$253,050	\$0	\$0	3.00	0.00	0.00
54	4634	Department of Labor, Unemployment Insurance	Unemployment Insurance Administration Grant	\$14,000,000	\$0	\$0	128.66	0.00	0.00
55	4635	Department of Labor, Unemployment Insurance	Trade & Alternative Trade Adjustment Benefits	\$2,000,000	\$0	\$0	0.00	0.00	0.00
56	4637	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health Consultation	\$471,400	\$51,267	\$0	5.50	0.50	0.00
57	4190 Amendment	Department of Labor, Unemployment Insurance	Unemployment Insurance Administration Grant	\$3,580,576	\$0	\$0	0.00	0.00	0.00
58	4643	Department of Agriculture, Food Products Inspection	Cooperative Meat Inspection	\$330,739	\$330,746	\$0	3.30	3.30	0.00
59	4647	Department of Agriculture, Food Products Inspection	Cross Utilization	\$250,000	\$0	\$0	2.90	0.00	0.00
60	4649	Department of Agriculture, Administration	Senior Farmer's Market Nutrition Program	\$30,000	\$20,000	\$0	0.00	0.00	0.00
61	4651	Department of Agriculture, Administration	Specialty Crop Block Grant - Farm Bill	\$344,532	\$0	\$0	0.00	0.00	0.00
62	4655	Department of Agriculture, Forest Service	Conservation Reserve Program Sign-up 52	\$18,750	\$0	\$0	0.20	0.00	0.00
63	2020-07-27-04	Department of Education, Caesar Rodney School District	Dover Air Force Base School Budget	\$9,844,731	\$0	\$0	0.00	0.00	0.00
64	4390 Amendment	Department of Education	Title I, Part A - Improving the Academic Achievement	\$0	\$0	\$0	2.25	0.00	0.00

Higher Education

1	2020-09-19-01	Delaware State University	Acquisition of a Raman Spectroscopy System aor Research and Education Training of Students on Thin Film Characterization.	\$443,056	\$0	\$0			
---	---------------	---------------------------	---	-----------	-----	-----	--	--	--

2	2020-09-19-02	Delaware State University	Photochemical-Photophysical Laboratory for the Study of Enhancer-Free Photogenerated Singlet Oxygen	\$394,607	\$0	\$0
3	2020-09-05-01	Delaware State University	Social and Behavioral Implications for COVID-19 Testing in Delaware's Underrepresented Communities.	\$1,131,394	\$0	\$0
4	2020-09-19-03	Delaware State University	From Petroleum Research to Fintech Development: An Inquiry into Industrial Competitiveness Utilizing Quantum Economics.	\$384,948	\$0	\$0
5	2020-09-19-04	Delaware State University	Acquisition of a Advanced Confocal Microscope for Multidisciplinary Research and Education at an HBCU	\$597,019	\$0	\$0
6	2020-09-19-05	Delaware State University	CAREER: Complex Effects of Simple Environmental Filters on Alternative Community States	\$689,577	\$0	\$0
7	2020-09-19-06	Delaware State University	Side Scan Sonar Surveys of Marshyhope Creek Atlantic Sturgeon, 2020-2021	\$24,564	\$0	\$0
8	2020-09-19-07	Delaware State University	NSF I-Corps Hub: Northeast Corridor Region	\$233,472	\$0	\$0
9	2020-09-19-08	Delaware State University	Estimation Nutrient Composition of Indigenous African Foods Consumed in the U.S. to Develop Dietary Guidelines to Improve Food Choices and Health Outcomes	\$599,999	\$0	\$0
10	2020-09-19-09	Delaware State University	Energy Water Conservation in Manufacturing	\$45,713	\$0	\$0
11	2020-09-19-10	Delaware State University	USDA- Agricultural Research Srvices 1890 Faculty Reseach Sabbatical Program (FRSP)- Value Added Product Development From Sprouted High-Protein Rice and Yellow Beans.	\$75,000	\$0	\$0
12	2020-09-12-01	University of Delaware	Wind Energy Driving Rural Change: Economic Diversification, Land Value, Agriculture, and Natural Resource-Based Tourism	\$0	\$0	\$42,616
13	2020-09-12-02	University of Delaware	Comparative Assessment of Total Water Levels for Coastal Military Facility Readiness and Resilience Using Numerical Models	\$1,763,414	\$0	\$0
14	2020-09-12-03	University of Delaware	Understanding and Modeling of Thermal Transport Processes Within Near-Ground Atmosphere in the Presence of Utility-Scale Solar Photovoltaics (PV) Plants	\$0	\$0	\$11,000
15	2020-09-12-04	University of Delaware	NSF I-Corps Hub: Northeast Corridor (NEC) Region	\$0	\$0	\$2,487,585
16	2020-09-12-05	University of Delaware	Career: Machine Learning Approaches to Map Smallholder Responses to Climate Shocks	\$303,696	\$0	\$0
17	2020-09-12-06	University of Delaware	DEMAC-II: A Flexible, Modular and Scalable Open-Source Platform for Parallel Computer Design	\$425,621	\$0	\$0
18	2020-09-12-07	University of Delaware	CAREER: The Fate of Nitrogen Deposition - Urban Forests as a Model System for Studying N Dynamics	\$556,596	\$0	\$0
19	2020-09-12-08	University of Delaware	4H Walmart Healthy Habits FY2021	\$0	\$0	\$58,501
20	2020-09-12-09	University of Delaware	4H Walmart Soccer for Success FY2021	\$0	\$0	\$6,750
21	2020-09-12-11	University of Delaware	Effects of Developmental Alcohol Exposure and Adolescent Exercise Intervention on Myelination of the Corpus Callosum in a Rodent Model of Fetal Alcohol Spectrum Disorders	\$129,542	\$0	\$0
22	2020-09-12-12	University of Delaware	Software for Automated Slicing of 3D Models for Additive Manufacturing of Functionally Graded Materials	\$0	\$0	\$25,000

23	2020-09-12-13	University of Delaware	Service and Maintenance of the Gray's Reef Ocean Acidification Mooring: In Support Of NOAA Ocean Acidification Program FY18-20	\$0	\$0	\$2,061
24	2020-09-12-14	University of Delaware	Rutgers/NOAA OAP GOMO CAI	\$0	\$0	\$40,000
25	2020-09-12-15	University of Delaware	Rutgers/NOAA WCOA Augmentation Tier 2 Measures of D13C	\$0	\$0	\$40,000
26	2020-09-12-16	University of Delaware	Next-Generation Mathbyexample: Developing an Effective Online Intervention for Middle Grades Mathematics Knowledge and Executive Function Skills	\$0	\$0	\$94,627
27	2020-09-12-17	University of Delaware	Collaborative Research: The Role of Ripple Migration in Surf Zone Sediment Transport and Sandbar Migration	\$242,138	\$0	\$0
28	2020-09-12-18	University of Delaware	PFI-TT: Nanostructured Textile-Based Wearable Sensors: Innovative Functional Garments for Virtual Health and Rehabilitation	\$156,743	\$0	\$0
29	2020-09-12-19	University of Delaware	CAREER: Light-Matter Interactions on an Atomically Flat Nanofocusing Platform	\$440,725	\$0	\$0
30	2020-09-12-20	University of Delaware	The Political Economy of Displacement	\$280,876	\$0	\$0
31	2020-09-12-21	University of Delaware	Modeling the Transport of HIV Antivirals Tenofovir Df, Islatravir, Darunavir, Doravirine, Raltegravir, and Efavirenz Into Murine Lymph Nodes	\$0	\$0	\$251,934
32	2020-09-12-22	University of Delaware	Connectome-Based Prediction of Addiction Severity	\$129,542	\$0	\$0
33	2020-09-12-23	University of Delaware	Effects of Neighborhood Disadvantage on Adolescent Cortisol Reactivity and Mental Health	\$129,542	\$0	\$0
34	2020-09-12-24	University of Delaware	Investigating the Role of Mechanical Forces in Nephron Differentiation	\$0	\$0	\$830,000
35	2020-09-12-25	University of Delaware	What Does Teachers' Effective Use of Literacy Curricula in K-3 Instruction Look Like?	\$0	\$0	\$86,732
36	2020-09-12-26	University of Delaware	CAREER: Engineering Selective Incorporation of Catechols for Protein Conjugation	\$414,480	\$0	\$0
37	2020-09-12-27	University of Delaware	CAREER: Optimal Transport Meets Information Science: From Measure Concentration, to Information Theory, to Learning	\$339,065	\$0	\$0
38	2020-09-12-28	University of Delaware	NSF Collaborative Research: Experimental and Numerical Study of Bed Shear Stress and Turbulent Boundary Layer Structure Induced By Breaking-Wave-Generated Vortices	\$252,032	\$0	\$0
39	2020-09-12-29	University of Delaware	CAREER: AILE - A Platform for Ai-Based Studies of Light Echoes in Rubin Lsst Data	\$486,455	\$0	\$0
40	2020-09-12-30	University of Delaware	CAREER: Design and Control of Size Changing Microrobot Swarms for Cellular Delivery	\$378,508	\$0	\$0
41	2020-09-12-31	University of Delaware	CAREER: Achieving Unprecedented Measurement Accuracy by a New Radio-Muon Method for Multi-Messenger Particle Astrophysics	\$733,184	\$0	\$0
42	2020-09-12-32	University of Delaware	The Impact of the Physical Microenvironment on Trophoblast Function	\$195,205	\$0	\$0
43	2020-09-12-33	University of Delaware	How are Microtubules Generated to Find Kinetochores During Cell Division?	\$194,790	\$0	\$0

44	2020-09-12-34	University of Delaware	Understanding Instructional Coaching in Early Childhood Settings	\$0	\$0	\$204,548
45	2020-09-12-35	University of Delaware	An Extension of the VERITAS/Breakthrough Listen Collaborative Program	\$0	\$0	\$51,693
46	2020-09-12-36	University of Delaware	Collaborative Research: DTI: Coding With Beats: Increasing Computer Science Access, Confidence, and Skills of Minoritized Youth Through Creating Hip-Hop	\$411,245	\$0	\$0
47	2020-09-12-37	University of Delaware	CAREER: HPC-: Towards Accelerated Algorithms and Scalable Predictive Methods for Longread Mapping and Rare-Type Disease Studies	\$374,136	\$0	\$0
48	2020-09-12-38	University of Delaware	Novel Model of Tendinosis to Investigate Multiscale Structure and Function of Tendon After Overload	\$195,205	\$0	\$0
49	2020-09-12-39	University of Delaware	Longitudinal Comparison of Viral Load and Immune Response in Two Vulnerable Populations	\$0	\$0	\$35,286
50	2020-09-12-40	University of Delaware	Collaborative Research: NSF-BSF: Evaluating the Influence of Lagrangian Coherent Structures on the Patchy Distribution of Plankton in Productive Coastal Systems	\$572,463	\$0	\$0
51	2020-09-12-41	University of Delaware	Throughput Optimization for the Tailorable Universal Feedstock for Forming (TUFF) Process	\$0	\$0	\$200,000
52	2020-09-12-42	University of Delaware	Facing Your Fears on Campus: An Anxiety Intervention for College Autistic Students	\$0	\$0	\$40,000
53	2020-09-12-43	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	\$111,276
54	2020-09-12-44	University of Delaware	ABC Training Minnesota Roben 2021	\$0	\$0	\$462,958
55	2020-09-12-45	University of Delaware	COVID-19 SUPPLEMENT: Development of a Psychosocial Symptom Monitoring and Self Management System for Individuals With SCI	\$0	\$0	\$38,934
56	2020-09-12-46	University of Delaware	CAREER: Mechanical Sensors for Exploring the Dark Sector	\$317,896	\$0	\$0
57	2020-09-12-47	University of Delaware	Big Data and Access to Information in Mexico	\$220,265	\$0	\$0
58	2020-09-12-48	University of Delaware	A Geo-Spatial, Data-Driven Framework to Quantify and Improve the Sustainability of the U.S. Food Production System	\$257,710	\$0	\$0
59	2020-09-12-49	University of Delaware	Collaborative Research: Wind Turbulence Over Shoaling Surface Waves and Their Impact on Air-Sea Fluxes	\$334,940	\$0	\$0
60	2020-09-12-50	University of Delaware	Collaborative Research: The Role of Surface Waves in Mixing the Ocean Surface Boundary Layer - A Direct Comparison Between Laboratory Experiments and Numerical Simulations	\$257,531	\$0	\$0
61	2020-09-12-51	University of Delaware	CAREER: Durable Biomimetic Adhesives for Structural Engineering Applications: Adhesion of Mussels to Concrete	\$452,800	\$0	\$0
62	2020-09-12-52	University of Delaware	Economic Recessions, Federal Aid, and School Resource Inequality: Implications for the Era of Coronavirus	\$0	\$0	\$28,783
63	2020-09-12-53	University of Delaware	Tri-E: Expanding the Breadth and Depth of Targeted Reading Instruction	\$1,623,681	\$0	\$0
64	2020-09-12-54	University of Delaware	Targeting Mathematical Misconceptions and Improving Procedural Fluency: An Exploration of Individual Differences in Learning Through Errors	\$1,268,570	\$0	\$0

65	2020-09-12-55	University of Delaware	Virulence Evolution of Marek's Disease Virus (MDV) Field Strains	\$166,966	\$0	\$0
66	2020-09-12-56	University of Delaware	Collaborative Research: Hydrothermal Vent Systems Mediate the Formation and Fate of Refractory Aromatic Carbon in the Deep Ocean	\$585,875	\$0	\$0
67	2020-09-12-57	University of Delaware	Collaborative Proposal: US Geotraces GP17-OCE: Understanding Nd Isotopes and REE systematics in the South Pacific	\$309,798	\$0	\$0
68	2020-09-12-58	University of Delaware	Public Allies FY20/21 National Support	\$0	\$0	\$363,880
69	2020-09-12-59	University of Delaware	The NCAA-DOD Grand Alliance: Concussion Assessment, Research and Education (CARE)	\$0	\$0	\$45,436
70	2020-09-12-60	University of Delaware	Exploring Theory & Design Principles (ETD): Concrete and Interactive Cybersecurity Education (CICE) for Middle School Students	\$267,194	\$0	\$0
71	2020-09-12-61	University of Delaware	Collaborative Research: Assessing Ocean Margin Export of Dissolved Inorganic Carbon and Alkalinity	\$389,368	\$0	\$0
72	2020-09-12-62	University of Delaware	The Baby Play Program: Promoting Motor, Cognitive, and Language Outcomes for Preterm Infants Through Parent Education	\$1,671,214	\$0	\$0
73	2020-09-12-63	University of Delaware	Documenting Dairy Farms in Northern Maryland Phase 2	\$0	\$0	\$44,436
74	2020-09-12-64	University of Delaware	Acquisition of Goods and Services	\$8,182	\$0	\$0
75	2020-09-12-65	University of Delaware	Research Biological Control of Various Invasive Pests to Include Brown Marmorated Stink Bug, Spotted Lanternfly and Spotted Wing Drosophila.	\$22,727	\$0	\$0
76	2020-09-12-66	University of Delaware	Virtual or On-Site Mathematics Coaching and PD for NLELA Teachers	\$0	\$0	\$14,410
77	2020-09-12-67	University of Delaware	Virtual or On-Site Mathematics Coaching and Professional Learning for IM Beta	\$0	\$0	\$16,469
78	2020-09-12-68	University of Delaware	CY2020 NSF OPS Support	\$300,000	\$0	\$0
79	2020-09-12-69	University of Delaware	Supporting Preschoolers' Language and Literacy Skills Through Video Chat Reading	\$1,758,091	\$0	\$0
80	2020-09-12-70	University of Delaware	MCAO Provencal Salary	\$0	\$0	\$121,973
81	2020-09-12-71	University of Delaware	Acquisition of Goods and Services	\$9,091	\$0	\$0
82	2020-09-12-72	University of Delaware	Virtual and On-Site Mathematics Coaching and Professional Learning for Illustrative Math	\$0	\$0	\$15,440
83	2020-09-12-73	University of Delaware	Uncovering a Transient Heritable Memory for HIV Reactivation from Latency	\$0	\$0	\$107,000
84	2020-09-12-74	University of Delaware	RI: Medium: A Human-to-Vehicle Decentralized Coordination Framework for Emerging Mobility Systems	\$779,768	\$0	\$0
85	2020-09-12-75	University of Delaware	Seasonality Amplification Drives Distinct Feedbacks to Air-Sea CO2 Flux in the Western Arctic	\$478,351	\$0	\$0

86	2020-09-12-76	University of Delaware	IES Writing Across Levels of Language in 1st Grade	\$1,492,953	\$0	\$0
87	2020-09-12-77	University of Delaware	A Language Comprehension Screener for 2-Year-Old Spanish-English Dual Language Learners	\$1,721,273	\$0	\$0
88	2020-09-12-78	University of Delaware	Michelman Restricted Gift	\$0	\$0	\$10,000
89	2020-09-12-79	University of Delaware	Production of Macronutrients from Thermally Oxo-Degraded Wastes	\$0	\$0	\$814,295
90	2020-09-12-80	University of Delaware	The Evolution of Ion Distribution Functions in the Solar-Wind from the Sun to the Earth and Beyond	\$366,850	\$0	\$0
91	2020-09-12-81	University of Delaware	Alteration of Immune Response During Infectious Bronchitis Virus Vaccination and Challenge by Feeding of Diamond V Original XPC to Broilers	\$0	\$0	\$33,030
92	2020-09-12-82	University of Delaware	Design of a Breathing Total Lung Platform to Personalize Inhaled Medicines	\$1,500,000	\$0	\$0
93	2020-09-12-83	University of Delaware	iManage-SCI: Improving Bowel and Bladder Symptom Monitoring and Self-Management After SCI	\$500,000	\$0	\$0
94	2020-09-12-84	University of Delaware	Unfolding the Impacts of Individual Characteristics and Spatiotemporal Risk Factors on Risk Perception	\$0	\$0	\$22,144
95	2020-09-12-85	University of Delaware	Mitigating Radiotherapy Related Side Effects in Liver Cancer Patients by Targeting Mitochondrial Redox System	\$536,475	\$0	\$0
96	2020-09-12-86	University of Delaware	FEA of Railroad Wheels	\$0	\$0	\$83,931
97	2020-09-12-87	University of Delaware	Robust CO2 Electrolyzer for Carbon Capture and Utilization	\$0	\$0	\$508,745
98	2020-09-12-88	University of Delaware	SENTINEL: SENSing Threats in Natural Environments Using Ligand-Receptor modules - Extension Phase 2	\$0	\$0	\$36,635
99	2020-09-12-89	University of Delaware	TASK ORDER 3: Composite Hard Upper Torso (CHUT), Design Verification Test Units	\$320,653	\$0	\$0
100	2020-09-12-90	University of Delaware	Illustrative Math Coaching and PI For Teachers and Administration in the High School in Caesar Rodney SD	\$0	\$0	\$12,609
101	2020-09-12-91	University of Delaware	National Watermelon Association Project FY2021	\$0	\$0	\$24,053
102	2020-09-12-92	University of Delaware	Mesoscale-Informed Geoscience and Additive Manufacturing of Clays: From Microscale Physical Chemistry to Macroscale Mechanics	\$0	\$0	\$656,987
103	2020-09-12-93	University of Delaware	Jewish Family Services PADE 20/21 Partner Organization	\$0	\$0	\$17,000
104	2020-09-12-94	University of Delaware	Safety and Efficacy of Avian Paramyxovirus Vected Infectious Bursal Disease Vaccine Plus Newcastle Disease Virus B1B1 Vaccine Against Virulent Newcastle Disease Virus Challenge in Chickens	\$0	\$0	\$60,018
105	2020-09-12-95	University of Delaware	Building Pathways to a Diverse Secondary Stem Education Workforce in Delaware Through a Teacher Residency Program	\$936,274	\$0	\$0
106	2020-09-12-96	University of Delaware	TuFF Thermoplastic Composites for Navy Platforms	\$4,519,325	\$0	\$0

107	2020-09-12-97	University of Delaware	Co-Processing Ethanol and CO2 to Generate Valued Chemicals	\$375,001	\$0	\$0
108	2020-09-12-98	University of Delaware	Developing Sophisticated Graphical Understandings in Middle-School Students	\$0	\$0	\$6,220
109	2020-09-12-99	University of Delaware	Data for Societal Good: Machine Learning Approaches to Map Thirsty Crops	\$0	\$0	\$90,909
110	2020-09-13-01	University of Delaware	Effects of Dietary Supplementation of Organic Acids and Natural Identical Compounds on Growth Performance, Intestinal Microbiome, Intestinal Barrier Function and Development of Stress Associated Gut-Health Biomarker in Broilers (Part 2)	\$0	\$0	\$33,772
111	2020-09-13-02	University of Delaware	REU Site: Sustainable Resilient Transportation Systems	\$396,993	\$0	\$0
112	2020-09-13-03	University of Delaware	REU Site: Summer REU Program in Marine Science at the University of Delaware	\$370,379	\$0	\$0
113	2020-09-13-04	University of Delaware	REU Supplement to CPS: Medium: Collaborative Research: Constantly on the Lookout: Low-Cost Sensor Enabled Explosive Detection to Protect High Density Environments	\$16,000	\$0	\$0
114	2020-09-13-05	University of Delaware	Testing the Generalizability of Infant-Directed Speech Supporting Word Learning Across Pediatric Populations	\$1,250,000	\$0	\$0
115	2020-09-13-06	University of Delaware	Bellevue/Samsa Planet Youth Coalition Spf-Pfs Evaluation Team	\$0	\$0	\$25,446
116	2020-09-13-07	University of Delaware	USDA NIFA Animal Health and Disease Research Program 21	\$18,954	\$0	\$0
117	2020-09-13-08	University of Delaware	CAREER: A New Class of Microfluidic Ex Vivo Culture Models to Understand Whole Organ Physiology And Disease	\$18,000	\$0	\$0
118	2020-09-13-09	University of Delaware	CAREER: Engineering Membrane Wrapped Nanoparticles for Targeted RNA Delivery	\$6,000	\$0	\$0
119	2020-09-13-10	University of Delaware	Advanced Remote Rehabilitation for the Military Members with Knee Osteoarthritis (ARMOR): Development and Feasibility Study	\$1,600,000	\$0	\$0
120	2020-09-13-11	University of Delaware	DE Shellfish Aquaculture: Training to Support an Emerging Industry	\$0	\$0	\$23,879
121	2020-09-13-12	University of Delaware	Validation of a Rapid Demographic Assessment Tool for Tidal Marsh Sparrows	\$81,251	\$0	\$0
122	2020-09-13-13	University of Delaware	Life After Sport: Prior Injury and Sedentary Behavior as Mechanisms of Later Poor Health	\$1,250,000	\$0	\$0
123	2020-09-13-14	University of Delaware	Between a Rock and a Sandy Place: Investigation of Hydrodynamic & Acoustics at Rocky Coasts	\$0	\$0	\$790,688
124	2020-09-13-15	University of Delaware	FRAUD: Fraud and Resilience After Urban Disasters	\$0	\$0	\$265,236
125	2020-09-13-16	University of Delaware	Christiana Care Office of Health Equity PADE 20/21 Partner Organization	\$0	\$0	\$12,500
126	2020-09-13-17	University of Delaware	Leading Youth Through Empowerment PADE 20/21 Partner Organization	\$0	\$0	\$14,500
127	2020-09-13-18	University of Delaware	Teen Warehouse PADE 20/21 Partner Organization	\$0	\$0	\$18,000

128	2020-09-13-19	University of Delaware	Professional Development Services for Schools in Passaic, NJ	\$0	\$0	\$384,757
129	2020-09-13-20	University of Delaware	Providing Leadership Coaching for Two Schools as Part Of Region 4 Comprehensive Center Team	\$0	\$0	\$13,064
130	2020-09-13-21	University of Delaware	Connections Community Support Program 2 PADE 20/21 Partner Organization	\$0	\$0	\$16,500
131	2020-09-13-22	University of Delaware	Connections Community Support Programs 1 PADE 20/21 Partner Organization	\$0	\$0	\$16,500
132	2020-09-13-23	University of Delaware	Mental Health Association in Delaware PADE 20/21 Partner Organization	\$0	\$0	\$16,500
133	2020-09-13-24	University of Delaware	Potassium Supplementation and Vascular Function Under High Sodium Conditions	\$0	\$0	\$10,000
134	2020-09-13-25	University of Delaware	United Way of Delaware 1 PADE 20/21 Partner Organization	\$0	\$0	\$18,000
135	2020-09-13-26	University of Delaware	United Way of Delaware 2 PADE 20/21 Partner Organization	\$0	\$0	\$18,000
136	2020-09-13-27	University of Delaware	Cornerstone West CDC 1 PADE 20/21 Partner Organization	\$0	\$0	\$18,000
137	2020-09-13-28	University of Delaware	Cornerstone West CDC2 PADE 20/21 Partner Organization	\$0	\$0	\$16,500
138	2020-09-13-29	University of Delaware	Historical Society of DE PADE 20/21 Partner Organization	\$0	\$0	\$16,500
139	2020-09-13-30	University of Delaware	Multiplying Good PADE 20/21 Partner Organization	\$0	\$0	\$12,500
140	2020-09-13-31	University of Delaware	REACH Riverside Development Corp PADE 20/21 Partner Organization	\$0	\$0	\$16,500
141	2020-09-13-32	University of Delaware	Starfish Casters1 PADE 20/21 Partner Organization	\$0	\$0	\$12,500
142	2020-09-13-33	University of Delaware	Starfish Casters Inc 2 PADE 20/21 Partner Organization	\$0	\$0	\$16,000
143	2020-09-13-34	University of Delaware	Delaware Department of Labor PADE 20/21 Partner Organization	\$0	\$0	\$19,000
144	2020-09-13-35	University of Delaware	Bryan Allen Stevenson School of Excellence PADE 20/21 Partner Organization	\$0	\$0	\$13,000
145	2020-09-13-36	University of Delaware	Nanostructure and Dynamics of Complex Lipid Membranes by Integrated Ixs and Molecular Simulation	\$0	\$0	\$7,437
146	2020-09-13-37	University of Delaware	Musculoskeletal Injuries After Concussion: Predictors and Mechanisms	\$0	\$0	\$913,853
147	2020-09-13-38	University of Delaware	Sustainable Groundwater and Soil Management in Qatar with Emphasis on Public Health Risk Assessment and Mitigation	\$125,000	\$0	\$0
148	2020-09-13-39	University of Delaware	Advanced Leadership Training for Professionals	\$0	\$0	\$54,727

149	2020-09-13-40	University of Delaware	Virtual Delivery of Training and Coaching Services for the Administrative Leadership Development Program	\$0	\$0	\$69,375
150	2020-09-13-41	University of Delaware	Molecular Mechanisms of Co-Operative interactions of EWSFL1 in Ewing's Sarcoma	\$0	\$0	\$150,000
151	2020-09-13-42	University of Delaware	Highly Scalable Mastering and Roll-to-Roll Processing of Tuned Spectral Absorbers	\$0	\$0	\$65,206
152	2020-09-13-43	University of Delaware	Organic Electrochemical Reactor Design for Pharmaceutical Manufacturing	\$0	\$0	\$334,421
153	2020-09-13-44	University of Delaware	Microbial Field Bioreactor Producing Pheromones for Insect Pest Control	\$0	\$0	\$129,160
154	2020-09-13-45	University of Delaware	Equity in Action Plan Provided for Entire NCCVT School District	\$0	\$0	\$34,640
155	2020-09-13-46	University of Delaware	Coherent Lagrangian Pathways in 3D+1 Submesoscale Transport in CALYPSO	\$0	\$0	\$18,927
156	2020-09-13-47	University of Delaware	South Big Data Hub Small Seed Grant/ NIH Metraux Homeless Data for the State of Delaware	\$0	\$0	\$9,064
157	2020-09-13-48	University of Delaware	Optimal Control Prescriptions and Learning for High-Performing Human-Robot Teams	\$0	\$0	\$78,814
158	2020-09-13-49	University of Delaware	Improving the Durability and Extending the Life of Transportation Infrastructure	\$0	\$0	\$139,941
159	2020-09-13-50	University of Delaware	Planning for Resiliency: Reconciling Exodus and Economic Expansion in Peripheral Coastal Communities (ReciPlan)	\$0	\$0	\$40,624

Revised 9/21/2020