

**Delaware State Clearinghouse Committee  
January Agenda**

*January 28, 2019*

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
<b><u>New Business*</u></b>									
1	<a href="#">3913</a>	Executive, Criminal Justice, Criminal Justice Council	Project Safe Neighborhoods	\$146,444	\$0	\$0	0.05	0.00	0.00
2	<a href="#">3922</a>	Executive, Criminal Justice, Criminal Justice Council	Second Chance Act - Statewide Recidivism Reduction Implementation	\$509,471	\$509,471	\$0	0.06	0.00	0.00
3	<a href="#">3896</a>	Department of Health and Social Services, Public Health, Community Health	Water System Supervision	\$548,000	\$396,073	\$0	8.00	6.85	0.00
4	<a href="#">3894</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Management of the Knobbed Whelk Stock of Delaware Bay	\$45,156	\$15,054	\$0	0.04	0.00	0.00
5	<a href="#">3914</a>	Department of Education	Preschool Development Grant	\$4,236,837	\$1,515,026	\$0	0.00	2.15	0.00
6	<a href="#">3593 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	Enhanced Surveillance Opioid Morbidity	\$0	\$0	\$0	0.00	1.00	0.00
7	<a href="#">3608 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	Prescription Drug Overdose Prevention for States	\$0	\$0	\$0	0.00	5.25	0.00
8	<a href="#">3690 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	Maternal Child Health	\$0	\$0	\$0	1.00	7.50	0.00
<b><u>Continued</u></b>									
9	<a href="#">3897</a>	Executive, Office of Management and Budget, Food Distribution	Commodity Supplemental Food Program	\$172,335	\$0	\$0	0.00	0.00	0.00
10	<a href="#">3898</a>	Executive, Office of Management and Budget, Food Distribution	State Administrative Expense Funds	\$133,288	\$0	\$0	0.60	0.00	0.00
11	<a href="#">3920</a>	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$169,551	\$56,517	\$0	0.15	0.07	0.00
12	<a href="#">3921</a>	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act - Coverdell	\$271,960	\$0	\$0	0.00	0.00	0.00
13	<a href="#">3856</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program	\$217,537	\$0	\$0	0.00	0.00	0.00
14	<a href="#">3857</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program	\$44,556	\$14,372	\$0	0.00	0.20	0.00
15	<a href="#">3891</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Improving Maternal and Infant Health Outcomes	\$100,000	\$0	\$0	0.00	0.00	0.00
16	<a href="#">3892</a>	Department of Health and Social Services, Public Health, Community Health	First Responders- Comprehensive Addiction and Recovery Act	\$1,608,253	\$58,143	\$0	0.10	0.00	0.00
17	<a href="#">3893</a>	Department of Health and Social Services, Public Health, Community Health	Sexual Violence Prevention and Education	\$1,290,865	\$0	\$0	0.00	0.00	0.00
18	<a href="#">3900</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Crisis Response	\$5,000,000	\$0	\$0	0.00	0.00	0.00
19	<a href="#">3901</a>	Department of Health and Social Services, Public Health, Community Health	Tobacco Control and Prevention	\$2,052,552	\$0	\$0	5.00	0.00	0.00
20	<a href="#">3902</a>	Department of Health and Social Services, Public Health, Community Health	Primary Care Services Resource Coordination and Development	\$791,800	\$0	\$0	1.50	0.00	0.00
21	<a href="#">3903</a>	Department of Health and Social Services, Public Health, Community Health	Ryan White Care Act Title II	\$14,752,605	\$0	\$0	4.05	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>

22	<a href="#">3909</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
23	<a href="#">3912</a>	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	\$164,584	\$0	\$0	0.00	0.00	0.00
24	<a href="#">3387 Amendment</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training - Reimbursement	\$61,684	\$61,684	\$0	0.00	0.00	0.00
25	<a href="#">3626 Amendment</a>	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program	\$5,000,000	\$0	\$0	2.27	0.00	0.00
26	<a href="#">3911</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Anadromous Species Investigations	\$348,562	\$116,186	\$0	2.41	0.28	0.00
27	<a href="#">3917</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Structure Oriented Fish Assessment Program	\$98,235	\$32,745	\$0	0.05	0.20	0.00
28	<a href="#">3918</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Marine Development Program	\$1,181,250	\$368,750	\$25,000	1.40	0.05	0.00
29	<a href="#">3889</a>	Department of Safety and Homeland Security, State Police, Training	Bulletproof Vest Partnership Program	\$137,587	\$137,586	\$0	0.00	0.00	0.00
30	<a href="#">3895</a>	Department of Safety and Homeland Security, State Police, Executive	Domestic Cannabis Eradication	\$16,000	\$0	\$0	0.00	0.00	0.00
31	<a href="#">3916</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 154 Sanction Grant	\$1,190,688	\$0	\$0	0.00	0.00	0.00
32	<a href="#">3923</a>	Department of Education	Head Start Collaboration	\$125,000	\$41,360	\$0	0.75	0.00	0.00

**Higher Education**

1	14-05-31-05 Amendment	HE/Delaware State University	Historically Black Graduate Institutions Program	\$844,372	\$0	\$0			
2	2018-12-06-01	HE/Delaware State University	Water Security in Delaware's Changing Coastal Environment (EPSCOR State)	\$0	\$1,066,753	\$0			
3	2018-12-06-02	HE/Delaware State University	Water Security in Delaware's Changing Coastal Environment (EPSCOR Federal)	\$4,704,622	\$0	\$0			
4	2018-12-06-03	HE/Delaware State University	Wilmington Community Court Needs Assessment	\$28,000	\$0	\$0			
5	2019-01-06-79	HE/Delaware State University	The 21st Century herbarium: bringing collections from the cabinets to the web	\$49,980	\$0	\$0			
6	2019-01-06-80	HE/Delaware State University	Cooperative Extension at 1890 Land Grant Institution - DSU	\$1,186,766	\$0	\$1,186,766			
7	2019-01-06-81	HE/Delaware State University	Interdisciplinary Health Equity Research (IHER) Center	\$16,516,483	\$0	\$2,026,139			
8	2019-01-06-82	HE/Delaware State University	Agricultural Research at 1890 Land Grant Institutions	\$1,248,434	\$0	\$1,248,434			
9	2019-01-06-83	HE/Delaware State University	Biochemical, molecular and ecophysiological responses due to environmental stresses in urban forest tree species	\$91,777	\$0	\$91,777			
10	2019-01-06-84	HE/Delaware State University	Expanded Food And Nutrition Education Program(EFNEP)	\$103,034	\$0	\$0			

11	2019-01-06-85	HE/Delaware State University	Assessing Air-quality in the State of Delaware	\$24,981	\$0	\$0
12	2019-01-06-86	HE/Delaware State University	International Science and Technology Academy for Research Scholars (I-STARS) 2019	\$26,500	\$0	\$13,667
13	2019-01-05-01	HE/University of Delaware	Enabling Quantum Leap: Q-AMASE-i: Quantum-Coherent Testbeds to Accelerate Discovery of Novel Materials	\$0	\$0	\$480,771
14	2019-01-05-02	HE/University of Delaware	Collaborative Research: Bioresponsive Function in Self-Assembling Biomaterials	\$204,755	\$0	\$0
15	2019-01-05-03	HE/University of Delaware	Investigating Patient-Perceived Value of Physical Therapy for Knee Osteoarthritis	\$0	\$0	\$30,000
16	2019-01-05-04	HE/University of Delaware	Undergraduate Student Motivation in the Sustainability and Environmental Studies Fields: An Application of Self Determination Theory	\$0	\$0	\$50,000
17	2019-01-05-05	HE/University of Delaware	University of Massachusetts DE State Housing Authority HUD Meraux Fair Housing Choice	\$0	\$0	\$56,522
18	2019-01-05-06	HE/University of Delaware	Alice Dunbar-Nelson: A Vision for Wilmington	\$0	\$0	\$50,000
19	2019-01-05-07	HE/University of Delaware	Geometric Analysis of Convex Sets and Measures	\$258,417	\$0	\$0
20	2019-01-05-08	HE/University of Delaware	Center for Integrated Asset Management for Multi-Modal Transportation Infrastructure Systems (CIAMTIS) - UD Subaward	\$0	\$0	\$48,075
21	2019-01-05-09	HE/University of Delaware	Delaware Foundation for Science and Mathematics Education (DFSME)	\$0	\$0	\$631,344
22	2019-01-05-10	HE/University of Delaware	Substance Abuse & Mental Health Block Grant Evaluation Planning Contract	\$44,196	\$0	\$0
23	2019-01-05-11	HE/University of Delaware	iSPARC Membership Agreement	\$0	\$0	\$200,000
24	2019-01-05-12	HE/University of Delaware	Geometry by Example	\$0	\$0	\$236,234
25	2019-01-05-13	HE/University of Delaware	UMES/Delmarva Land Grant Institution Cooperative Research Seed Program - Using Numerical Model and Surface Drifters to Estimate Blue Crab Larval Recruitment	\$0	\$0	\$18,000
26	2019-01-05-14	HE/University of Delaware	CRCNS US-German Research Proposal: An Experimental-Computational Approach to the Integration of Subtasks with a Spinal Reflex Model of Locomotion	\$286,948	\$0	\$0
27	2019-01-05-15	HE/University of Delaware	Supplement to NSF Modular Autonomous Biosampler (MAB) Award	\$183,597	\$0	\$0
28	2019-01-05-16	HE/University of Delaware	III: Small: Breaking Out of Online Echo Chamber through Information Contextualization	\$335,548	\$0	\$0
29	2019-01-05-17	HE/University of Delaware	Networked Mobility-Enabled Detection of Weak Radiological Signatures	\$322,139	\$0	\$0

30	2019-01-05-18	HE/University of Delaware	Multifunctional Hydrogels as an Injectable Therapy for Vocal Fold Scarring	\$2,430,112	\$0	\$0
31	2019-01-05-19	HE/University of Delaware	Geological Map of the Bombay Hook and Little Creek Quadrangles, Delaware	\$182,998	\$0	\$0
32	2019-01-05-20	HE/University of Delaware	Electrically Tunable Soliton Generation on Hybrid Active Silicon Photonic Platform	\$596,262	\$0	\$0
33	2019-01-05-21	HE/University of Delaware	Discovery, Dissection and Exploitation of Arsenic and Cadmium Biology in Plants to Ensure Food Safety	\$0		\$249,524
34	2019-01-05-22	HE/University of Delaware	Strategies for Small Ruminant Production Risk Management	\$34,436	\$0	\$0
35	2019-01-05-23	HE/University of Delaware	Transient Shifts in Bioaerosols and their Volatile Emissions in Indoor Air after Hurricane Flooding	\$0	\$0	\$63,160
36	2019-01-05-24	HE/University of Delaware	From Watersheds into Classrooms: Using the NGSS to Develop Ambitious Earth Science Teaching in Preservice Elementary Teachers	\$295,373	\$0	\$0
37	2019-01-05-25	HE/University of Delaware	CNS Core: Small: Make Micro-Architecture's Life Easier; Regularity-Oriented Compiler Techniques	\$224,340	\$0	\$0
38	2019-01-05-26	HE/University of Delaware	New Models of Stellar Evolution to Understand the Past, Present & Future of Magnetic Massive Stars	\$354,905	\$0	\$0
39	2019-01-05-27	HE/University of Delaware	Integrative Approach to the Treatment of Lung Cancer	\$0	\$0	\$53,778
40	2019-01-05-28	HE/University of Delaware	Mapping Expedition at Bikini Atoll	\$0	\$0	\$41,836
41	2019-01-05-29	HE/University of Delaware	CNS Core: Small: Collaborative Research: Towards Systematic Analysis of DNS Infrastructure at Global Scale	\$147,741	\$0	\$0
42	2019-01-05-30	HE/University of Delaware	SHF: Small: Collaborative Research: NSF-BSF: REFINING: REsilient FINE-grain multithreadING	\$167,774	\$0	\$0
43	2019-01-05-31	HE/University of Delaware	CNS Core: Small: Collaborative Research: Reduced Power and Cooling Redundancies: New Challenges in Data Centers and Their Solutions	\$167,773	\$0	\$0
44	2019-01-05-32	HE/University of Delaware	CIF: Small: Collaborative Research: Beyond Compressed Sensing: Analog Coding for Point-To-Point and Multi-Terminal Communications	\$180,594	\$0	\$0
45	2019-01-05-33	HE/University of Delaware	Models for Tear Film Structure, Dynamics and Parameter Identification	\$323,470	\$0	\$0
46	2019-01-05-34	HE/University of Delaware	Develop and Test New Autonomous Surface Vessel	\$416,154	\$0	\$0
47	2019-01-05-35	HE/University of Delaware	Long-Term Impact of Prenatal ZIKV Infection on Neurogenesis	\$275,000	\$0	\$0
48	2019-01-05-36	HE/University of Delaware	Probing Direct Cell-to-Cell Exchange of Matter in a Clostridium Syntrophic Coculture	\$252,492	\$0	\$0

49	2019-01-05-37	HE/University of Delaware	Colored Conventions Project Fellowship in Data Curation for African American and African Studies	\$0	\$0	\$175,500
50	2019-01-05-38	HE/University of Delaware	3D Printing of Fluorine Containing Polymers	\$0	\$0	\$245,295
51	2019-01-05-39	HE/University of Delaware	Understanding Liquid Phase Tandem Catalysis on Zeolite Encapsulated Metal Nanoparticles	\$199,601	\$0	\$0
52	2019-01-05-40	HE/University of Delaware	Multi-Muscle Magnetic Resonance Elastography (MM-MRE): A New Technique to Measure Non-Invasively Individual Force of Forearm Muscles During Fine Motor Tasks	\$275,034	\$0	\$0
53	2019-01-05-41	HE/University of Delaware	FET: Small: Collaborative Research: Development of an Algorithm for Whole Genome Alignment for Rapid Delivery of Personalized Genomics	\$270,056	\$0	\$0
54	2019-01-05-42	HE/University of Delaware	Hyperbolic Inverse Problem	\$87,267	\$0	\$0
55	2019-01-05-43	HE/University of Delaware	III: Small: Toward Understanding and Mitigating Online False Information: Models, Algorithms and Implementations	\$317,924	\$0	\$0
56	2019-01-05-44	HE/University of Delaware	MACE2K: Improving Access to Clinically Derived Cancer Molecular Data and Related Evidence through Standards, APIs and Tools	\$0	\$0	\$315,000
57	2019-01-05-45	HE/University of Delaware	C-4: Cognition, Character, and Coordination after Concussion	\$0	\$0	\$370,976
58	2019-01-05-46	HE/University of Delaware	Multiscale Mechanical Function and Damage in an In-Vivo Model of Tendinosis	\$275,000	\$0	\$0
59	2019-01-05-47	HE/University of Delaware	Unagi-Based Encoded Fluorescent Protein Kinase Sensors	\$275,000	\$0	\$0
60	2019-01-05-48	HE/University of Delaware	PADE YWCA 18/19 Partner Organization	\$0	\$0	\$16,000
61	2019-01-05-49	HE/University of Delaware	PADE YWCA2 18/19 Partner Organization	\$0	\$0	\$16,000
62	2019-01-05-50	HE/University of Delaware	Optimal Control Models of Epithelial-Mesenchymal Transition for the Design of Pancreas Cancer Combination Therapy	\$0	\$0	\$478,230
63	2019-01-05-51	HE/University of Delaware	xEMU Composite Hard Upper Torso	\$733,939	\$0	\$0
64	2019-01-05-52	HE/University of Delaware	National Center for Durability and Extended Life for Local Transportation Assets (DELLTA)	\$0	\$0	\$201,751
65	2019-01-05-53	HE/University of Delaware	SHF: Small: Collaborative Research: Retraining-Free Concurrent Test and Diagnosis in Emerging Neural Network Accelerators	\$177,389	\$0	\$0
66	2019-01-05-54	HE/University of Delaware	CY2018 Ship Operations NOAA Supp	\$238,500	\$0	\$0
67	2019-01-05-55	HE/University of Delaware	Plasma Methionine Response to Feeding Three Rumen Protected Methionine Products	\$0	\$0	\$27,388

68	2019-01-05-56	HE/University of Delaware	Artificial Intelligence - Driven, Virtual Reality-Assisted Treatment Planning for Precision Radiation Oncology	\$0	\$0	\$120,000
69	2019-01-05-57	HE/University of Delaware	WoU-MMA: IceCube Data Analysis in the US	\$0	\$0	\$963,766
70	2019-01-05-58	HE/University of Delaware	Identifying Differences in the Neural Correlates Underlying Semantic and Syntactic Development	\$138,000	\$0	\$0
71	2019-01-05-59	HE/University of Delaware	Regulation of Mitochondrial Iron Transport During Erythropoiesis	\$0	\$0	\$208,333
72	2019-01-05-60	HE/University of Delaware	Patellofemoral Osteoarthritis After ACL Reconstruction: Biomechanical and Biochemical Mechanisms Early After Surgery	\$190,396	\$0	\$0
73	2019-01-05-61	HE/University of Delaware	Raman Optical Activity based Sensor for In-Situ Determination of Non-Racemic Mixtures of Organics	\$583,833	\$0	\$0
74	2019-01-05-62	HE/University of Delaware	Collaborative Research: High-Performance Electrocatalytic Membrane Reactor for CO2 Electrolysis	\$131,964	\$0	\$0
75	2019-01-05-63	HE/University of Delaware	Multifunctional siRNA/ Antibody Nanocarriers to Treat Metastatic Triple-Negative Breast Cancer	\$1,250,005	\$0	\$0
76	2019-01-05-64	HE/University of Delaware	Recover Link: A State-Wide Effort to Identify and Link Individuals with Opioid Use Disorder into Treatment and Recovery	\$0	\$0	\$2,094,442
77	2019-01-05-65	HE/University of Delaware	Surface Waves Affect Air-Sea Coupling, Weather, and Climate	\$284,117	\$0	\$0
78	2019-01-05-66	HE/University of Delaware	Assistive Multimodal Machine Learning for Information Graphics	\$0	\$0	\$299,999
79	2019-01-05-67	HE/University of Delaware	Optimization of Material Design and Fabrication Process for the Improvement of a HEMT	\$0	\$0	\$74,500
80	2019-01-05-68	HE/University of Delaware	High Speed InP/GaAsSb Heterojunction Bipolar Transistors for 5G Network Applications	\$0	\$0	\$50,000
81	2019-01-05-69	HE/University of Delaware	Nemours / Mason Center for Pediatric Research	\$0	\$0	\$24,288
82	2019-01-05-70	HE/University of Delaware	Huawei Gift	\$0	\$0	\$250,000
83	2019-01-05-71	HE/University of Delaware	Searching for Light Dark Matter and New Forces with Precision Measurements	\$0	\$0	\$50,000
84	2019-01-05-72	HE/University of Delaware	Additive Manufacturing of X-band Luneburg Lenses	\$0	\$0	\$61,542
85	2019-01-05-73	HE/University of Delaware	Intelligent Driver Assistance System Enabled by Connected Vehicle Technologies	\$45,000	\$0	\$0
86	2019-01-05-74	HE/University of Delaware	Early Stage Diagnosis of Parkinson's Disease	\$45,000	\$0	\$0

87	2019-01-05-75	HE/University of Delaware	Collaborative Proposal: Surface Waves Affect Air-Sea Coupling, Weather, and Climate	\$284,117	\$0	\$0
88	2019-01-05-76	HE/University of Delaware	FY 2019 Study of the U.S. Institutes for Student Leaders on Women's Leadership	\$0	\$0	\$208,343
89	2019-01-05-77	HE/University of Delaware	Core Research Program, Adaptable Sensors for Shipping Container Screening	\$0	\$0	\$80,128
90	2019-01-05-78	HE/University of Delaware	EM11159 Task Order 4	\$0	\$0	\$17,762
91	2019-01-05-79	HE/University of Delaware	Automatic Control of Blood Transfusion using Noninvasive Sensors	\$0	\$0	\$44,872
92	2019-01-05-80	HE/University of Delaware	The Delaware Space Observations Center DSpOC	\$509,187	\$0	\$0
93	2019-01-05-81	HE/University of Delaware	Collaborative Research: Synthetic CRISPR-Cas6 Endonucleases for Dynamic Control of Cellular Phenotypes in Yeast	\$399,636	\$0	\$0
94	2019-01-05-82	HE/University of Delaware	NSF-BSF: Collaborative Research: Searching for Light Dark Matter and New Forces with Precision Measurements	\$126,710	\$0	\$0
95	2019-01-05-83	HE/University of Delaware	Measuring the Impact of Prenatal Stress-Environment Interactions on Child Development Following Hurricane Harvey	\$1,510,829	\$0	\$0
96	2019-01-05-84	HE/University of Delaware	Biomolecular Interaction Technologies Fiscal Year 2019	\$0	\$0	\$134,970
97	2019-01-05-85	HE/University of Delaware	Flower Power: Healing the Body and the Land	\$0	\$0	\$4,984
98	2019-01-05-86	HE/University of Delaware	Range-Wide Phylogeography and Conservation Genetics of Snow Leopards in High Asia	\$0	\$0	\$10,000
99	2019-01-05-87	HE/University of Delaware	Sensors of Relativistic Phenomena Based on Solid-State Quantum Platforms	\$164,911	\$0	\$0
100	2019-01-05-88	HE/University of Delaware	Having a Bitter Bite? The Use of Cover Crop to Manage Slugs.	\$0	\$0	\$24,093
101	2019-01-05-89	HE/University of Delaware	Pesticide Safety Management 2019	\$0	\$0	\$17,032
102	2019-01-05-90	HE/University of Delaware	Mechanistic Approaches to Aggregation Rates at High Concentrations	\$0	\$0	\$168,614
103	2019-01-05-91	HE/University of Delaware	Collaborative Research: WoU-MMA: Construction of the Next-Generation Radio Neutrino Observatory -- Multi-Messenger Neutrino Astrophysics at Extreme Energies	\$595,772	\$0	\$0
104	2019-01-05-92	HE/University of Delaware	Collaborative Research: WoU-MMA: Opening the Window to Ultra-High Energy Neutrino Astrophysics with the Askaryan Radio Array	\$261,400	\$0	\$0
105	2019-01-05-93	HE/University of Delaware	CCHS/NIH COBRE Eval Giancola	\$0	\$0	\$276,731

106	2019-01-05-94	HE/University of Delaware	ARO SWIR Obscurant Study Goossen	\$82,542	\$0	\$0
107	2019-01-05-95	HE/University of Delaware	Targeted Proteomics (SRM/MRM) Assay for Glycosylation Enzymes	\$0	\$0	\$108,974
108	2019-01-05-96	HE/University of Delaware	To Automate Detecting, Quantifying and Mapping of Delamination of Bridge Decks using Aerial Thermographic NDE	\$0	\$0	\$12,151
109	2019-01-05-97	HE/University of Delaware	SCH: INT: Collaborative Research: Smart Balls: A Robotic Playground for Pediatric Motor Rehabilitation	\$638,744	\$0	\$0
110	2019-01-05-98	HE/University of Delaware	NSF COLLAB RSCH: Hybridizable DG Methods for Optimal Transport via Fluid Flows	\$81,539	\$0	\$0
111	2019-01-05-99	HE/University of Delaware	NSF COLLAB RSCH: Interpolatory Hybridizable DG methods for Nonlinear PDES	\$81,539	\$0	\$0
112	2019-01-06-01	HE/University of Delaware	Closed Loop Recycling of High-Performance Short Fiber Composites	\$0	\$0	\$71,795
113	2019-01-06-02	HE/University of Delaware	Tapered Block Copolymers for Efficient and Safe Lithium-Ion Batteries	\$0	\$0	\$64,859
114	2019-01-06-03	HE/University of Delaware	Socially Cooperative Games in Individuals with or without Autism Spectrum Disorder - A Hyperscanning fNIRS Study	\$0	\$0	\$25,000
115	2019-01-06-04	HE/University of Delaware	Poppe/Arnold Foundation Unsheltered Homelessness Study	\$0	\$0	\$87,704
116	2019-01-06-05	HE/University of Delaware	Western States Leadership Institute on Developmental Disabilities	\$0	\$0	\$261,334
117	2019-01-06-06	HE/University of Delaware	Controlling and Optimizing Vibration Output for Therapy Using Shape Memory Alloy Springs	\$0	\$0	\$38,461
118	2019-01-06-07	HE/University of Delaware	Examining the Effects of Expected and Unexpected Social Rejection on Belonging Using Event-Related Potentials (ERPs)	\$0	\$0	\$2,000
119	2019-01-06-08	HE/University of Delaware	Yield and Impurity Clearance in Platform Chromatography Steps for Current and Next-Generation Processes	\$0	\$0	\$290,044
120	2019-01-06-09	HE/University of Delaware	Least Square Discretization and Preconditioning for Mixed Variational Formulations	\$212,918	\$0	\$0
121	2019-01-06-10	HE/University of Delaware	NSF Student Travel Grant for 2019 International Symposium on Software Testing and Analysis (ISSTA 2019)	\$10,000	\$0	\$0
122	2019-01-06-11	HE/University of Delaware	A Unified Multi-Stage Approach to Generalized Sequential Decision Making Problems with Covariates	\$117,575	\$0	\$0
123	2019-01-06-12	HE/University of Delaware	Shipboard Scientific Support Equipment CY2019, Swallow	\$187,515	\$0	\$0
124	2019-01-06-13	HE/University of Delaware	Conference on Finite Geometry and Extremal Combinatorics	\$26,000	\$0	\$0

125	2019-01-06-14	HE/University of Delaware	Efficacy of Early Parent Education for Improving Motor and Cognitive Outcomes for Infants Born Preterm	\$2,499,948	\$0	\$0
126	2019-01-06-15	HE/University of Delaware	Multi-Level Analysis of Affective Inhibitory Control	\$185,244	\$0	\$0
127	2019-01-06-16	HE/University of Delaware	Buyout of Kempton Teaching Time During 2019	\$0	\$0	\$57,686
128	2019-01-06-17	HE/University of Delaware	Innovative Heat-Activated Post-Tensioning System for Rapid Structural Renewal of Deteriorated Bridge Inventory	\$0	\$2,700	\$68,825
129	2019-01-06-18	HE/University of Delaware	Bioactive Injectable Implants for Functional Intervertebral Disc Regeneration	\$0	\$0	\$64,678
130	2019-01-06-19	HE/University of Delaware	SCH: INT: Cooperative Learning for Individualized, Contextual, Just-in-time Natural Language Interventions to Motivate and Reinforce Health Health in Middle-Aged Adults	\$536,780	\$0	\$0
131	2019-01-06-20	HE/University of Delaware	NSF Oceanographic Instrumentation CY19	\$40,200	\$0	\$0
132	2019-01-06-21	HE/University of Delaware	1987-1554: Faster-Than-Real-Time Simulation for Resilient DER Integration	\$0	\$0	\$378,179
133	2019-01-06-22	HE/University of Delaware	DSB Slugs Hillpold 19	\$0	\$0	\$12,771
134	2019-01-06-23	HE/University of Delaware	USFWS Region 4 & 5 SET Data Analyses and Tools	\$59,136	\$0	\$0
135	2019-01-06-24	HE/University of Delaware	SCH: INT: Collaborative Research: Smart Wearable System for Connected Measurement of Physical Activity, Heart Rate, and Communication for Parents and Children	\$583,963	\$0	\$0
136	2019-01-06-25	HE/University of Delaware	Patient Experience Academy at Wilmington VA Medical Center	\$63,064	\$0	\$0
137	2019-01-06-26	HE/University of Delaware	Development of a Practical Risk Framework for Railway Bridge Stiffness Transition Maintenance and Upgrade	\$0	\$0	\$30,976
138	2019-01-06-27	HE/University of Delaware	Long-Term Structural Health Monitoring Via Unsupervised Data Analysis	\$0	\$0	\$56,414
139	2019-01-06-28	HE/University of Delaware	Nemours Ferrato 2018	\$0	\$0	\$22,239
140	2019-01-06-29	HE/University of Delaware	Strategic Prioritization and Planning of Transportation Infrastructure Maintenance, Rehabilitation, and Improvements Incorporating Continuously-Sensed Data	\$0	\$0	\$38,633
141	2019-01-06-30	HE/University of Delaware	Optimized Performance of UHPC in Prefabricated Bridge Elements and Overlays	\$0	\$0	\$90,045
142	2019-01-06-31	HE/University of Delaware	Design of Fiber Anchors for Rapid and Durable Strengthening of Bridges with Externally Bonded Carbon Fiber Reinforced Polymers	\$0	\$0	\$43,606
143	2019-01-06-32	HE/University of Delaware	Bridge Load Rating and Evaluation Using Digital Image Measurements	\$0	\$0	\$85,006

144	2019-01-06-33	HE/University of Delaware	Strategic Prioritization and Planning of Transportation Infrastructure Maintenance, Rehabilitation, and Improvements Incorporating Continuously-Sensed Data	\$0	\$0	\$33,488
145	2019-01-06-34	HE/University of Delaware	Theoretical Support for the MMS Mission: Reconnection and Particle Acceleration in a Turbulent Environment	\$328,846	\$0	\$0
146	2019-01-06-35	HE/University of Delaware	Implementation of Injury Prevention Programs to Reduce the Risk of Musculoskeletal Injuries Subsequent to Sport-Related Concussion: A Randomized Control Trial	\$1,646,552	\$0	\$0
147	2019-01-06-36	HE/University of Delaware	HCP Identification and Profiling across a Platform Portfolio	\$0	\$0	\$107,500
148	2019-01-06-37	HE/University of Delaware	Engaging Undergraduates in Disciplinary-Specific Computational Thinking: X+CT	\$399,423	\$0	\$0
149	2019-01-06-38	HE/University of Delaware	Graduate Student Assistantship from Yale University for Spring 2019	\$0	\$0	\$6,090
150	2019-01-06-39	HE/University of Delaware	UniProt: A Protein Sequence and Function Resource	\$0	\$0	\$73,281
151	2019-01-06-40	HE/University of Delaware	Affective Polarization, Partisan Identity Salience, "Borderline" Partisan Multimedia Content Formats and Individual Psychological Characteristics	\$0	\$0	\$121,415
152	2019-01-06-41	HE/University of Delaware	Multi-Material Additive Manufacturing for Printable Chemical Sensor	\$0	\$0	\$201,984
153	2019-01-06-42	HE/University of Delaware	The Special Initiative on Offshore Wind (SIOW)	\$0	\$0	\$23,438
154	2019-01-06-43	HE/University of Delaware	Collaborative Research: Evolution and Impact of Aerosol Phase and Morphology	\$163,359	\$0	\$0
155	2019-01-06-44	HE/University of Delaware	UniProt: A Protein Sequence and Function Resource	\$0	\$0	\$18,884
156	2019-01-06-45	HE/University of Delaware	Risk from Microplastics Exposure to Blue Crab Larvae in Delaware Bay and its Adjacent Coastal Shelf	\$238,213	\$0	\$0
157	2019-01-06-46	HE/University of Delaware	Sustained Ocean Observing with Underwater Gliders Support of Hurricane Intensity Forecasts	\$871,878	\$0	\$0
158	2019-01-06-47	HE/University of Delaware	Enhanced Membrane Systems for Supplying Quality Drinking Water	\$0	\$0	\$106,070
159	2019-01-06-48	HE/University of Delaware	University-National Oceanographic Laboratory System	\$0	\$0	\$71,911
160	2019-01-06-49	HE/University of Delaware	Rapid Purification of Recombinant Proteins by Protein Nanoparticle Crosslinking and Coiled-Coil Strand Displacement	\$230,160	\$0	\$0
161	2019-01-06-50	HE/University of Delaware	Particle Theory, Particle Astrophysics and Cosmology	\$597,185	\$0	\$0
162	2019-01-06-51	HE/University of Delaware	Using Sleep Health to Improve Smoking Cessation Treatment Response in HIV-Positive Adults	\$0	\$0	\$474,204

163	2019-01-06-52	HE/University of Delaware	Actomyosin Regulation of the Membrane Skeleton in Erythrocytes and Megakaryocytes	\$264,364	\$0	\$0
164	2019-01-06-53	HE/University of Delaware	UM/DOS SUSI-FP FY 2019 Study of the U.S. Institutes for Scholars	\$0	\$0	\$276,515
165	2019-01-06-54	HE/University of Delaware	Understanding Sources, Chemical Forms, and Stability of Recalcitrant and Residual Phosphorus Pools in Agricultural Soils	\$29,100	\$0	\$0
166	2019-01-06-55	HE/University of Delaware	Determining Antecedents to Consumer Acceptance of Scientific Information to Develop Educational Approaches on Gene-Editing Technologies	\$395,416	\$0	\$0
167	2019-01-06-56	HE/University of Delaware	Opioid Use and HIV among Female Medicaid Enrollees	\$0	\$0	\$5,000
168	2019-01-06-57	HE/University of Delaware	Advancing and Integrating Marine Predator Biodiversity Measurements into Regional Ocean Observatories	\$758,087	\$0	\$0
169	2019-01-06-58	HE/University of Delaware	Research on Flexible Hybrid Electronics for Smart Textile with Embedded and Printed Sensors (STEPS)	\$0	\$0	\$66,534
170	2019-01-06-59	HE/University of Delaware	Quasi-Equilibrium Magnon Condensates at Room Temperature	\$0	\$0	\$5,000
171	2019-01-06-60	HE/University of Delaware	Collaborative Research: A Two-Week Mentored Program to Prepare Graduate Students for Industrial Careers	\$33,022	\$0	\$0
172	2019-01-06-61	HE/University of Delaware	RAPID: Performance of Reinforced Concrete Structures with Externally Bonded Fiber Reinforced Polymer Composite Retrofits in Anchorage, AK Earthquake	\$25,545	\$0	\$0
173	2019-01-06-62	HE/University of Delaware	Extracellular Vesicles and their Potential Applications in Biologic Production with CHO Cells	\$0	\$0	\$64,102
174	2019-01-06-63	HE/University of Delaware	Actin Cytoskeleton Regulation of Lens Architecture, Transparency and Mechanics	\$360,635	\$0	\$0
175	2019-01-06-64	HE/University of Delaware	CY2019 ONR Ship Support	\$668,115	\$0	\$0
176	2019-01-06-65	HE/University of Delaware	KSU/4H/AF AFB Camps Crouse 2019 - Youth Makers	\$0	\$0	\$8,476
177	2019-01-06-66	HE/University of Delaware	2019 Military 4-H Partnership Youth Camps - Teen Life Skills	\$0	\$0	\$8,626
178	2019-01-06-67	HE/University of Delaware	KSU/4H/AF Camps Crouse 2019 - Youth Get Up	\$0	\$0	\$8,676
179	2019-01-06-68	HE/University of Delaware	KSU/4H/AF Camps Crouse 2019 - Weekend Warrior	\$0	\$0	\$9,407
180	2019-01-06-69	HE/University of Delaware	KSU/4H/USDA AFB Camps Crouse 2019 - Youth Coastal Explorers	\$0	\$0	\$10,454
181	2019-01-06-70	HE/University of Delaware	Multiscale Generalized Correlation: A Unified Distance-Based Correlation Measure for Dependency Discovery	\$117,039	\$0	\$0

182	2019-01-06-71	HE/University of Delaware	OP: Engineering Semiconductor Upconversion Nanoparticles for Controlled Deep-Tissue Release of Therapeutic Agents	\$398,679	\$0	\$0
183	2019-01-06-72	HE/University of Delaware	3D - Printed Corals Enhance Reef Conservation Techniques in Fiji	\$0	\$0	\$11,700
184	2019-01-06-73	HE/University of Delaware	Mapping the Structure and Kinematics of NGC 1624-2's Giant Magnetosphere	\$37,282	\$0	\$0
185	2019-01-06-74	HE/University of Delaware	k-Space Tomography for Radio-Frequency Spatial-Spectral Sensing	\$126,769	\$0	\$0
186	2019-01-06-75	HE/University of Delaware	Office of Education - Student Support Services Program - Grant Application 2015/20	\$297,070	\$0	\$0
187	2019-01-06-76	HE/University of Delaware	Validation of FUNWAVE-TVD Vessel Model for Use in Simulations of Ship-Induced Waves and Assessment of their Potential Impacts to S2G HFPS along SNWW	\$40,693	\$0	\$0
188	2019-01-06-77	HE/University of Delaware	Developing Deflection Acceptance Criteria for Compacted, Open-Graded Aggregate Bases for Permeable Pavements Using Lightweight Deflectometers (LWDs)	\$0	\$0	\$151,019
189	2019-01-06-78	HE/University of Delaware	Non-Invasive Functional Assessment and Pathogenesis of Morquio A	\$35,608	\$0	\$0