Delaware State Clearinghouse Committee
January Agenda

January 29, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	3486	Executive, Criminal Justice, Criminal Justice Council	Project Safe Neighborhoods	$200,000	$0	$0	0.05	0.00	0.00
2	3491	Executive, Criminal Justice, Criminal Justice Council	Second Chance Act Adult Recidivism Reduction	$100,000	$100,000	$0	0.24	0.00	0.00
3	3492	Executive, Criminal Justice, Criminal Justice Council	Smart Reentry	$1,000,000	$649,780	$350,220	0.17	0.00	0.00
4	3493	Executive, Criminal Justice, Criminal Justice Council	Smart Policing Initiative	$381,387	$0	$0	0.00	0.00	0.00
5	3494	Executive, Criminal Justice, Criminal Justice Council	Comprehensive Opioid Abuse Program	$100,000	$0	$0	0.00	0.00	0.00
6	3456	Department of Health and Social Services, Public Health, Community Health	Association of Food and Drug Officials Retail Food Standard Category 1	$3,000	$0	$0	0.00	0.00	0.00
7	3458	Department of Health and Social Services, Public Health, Community Health	Association of Food and Drug Officials Retail Food Standard Category 4	$3,000	$0	$0	0.00	0.00	0.00
8	3471	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Flood Mitigation Assistance	$19,478	$0	$6,492	0.00	0.00	0.00
9	3488	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wild Turkey Research Gobbler Survival in Sussex County, Delaware	$366,160	$255	$121,798	0.00	0.00	0.00
Continued									
10	3487	Judicial, Administrative Office of the Courts - Non-Judicial Services, Child Death Review Commission	Parent Education Abusive Head Trauma Program	$38,000	$10,053	$0	0.00	0.15	0.00
11	3421	Executive, Criminal Justice, Criminal Justice Council	Edward Byrne Memorial Justice Assistance Grant	$859,011	$70,481	$0	0.80	0.92	0.00
12	3452	Executive, Criminal Justice, Criminal Justice Council	Services - Training - Officers - Prosecutors, Violence Against Women Formula Grant	$939,139	$97,310	$109,904	0.60	0.35	0.00
13	3470	Executive, Criminal Justice, Criminal Justice Council	Prison Rape Elimination Act Reallocation Funds	$35,076	$0	$0	0.00	0.00	0.00
14	3484	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	$78,381	$26,127	$0	0.00	0.04	0.00
15	3485	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act - Coverdell	$108,332	$0	$0	0.00	0.00	0.00
16	3440	Executive, Criminal Justice, Criminal Justice Council	Sexual Assault Services Program	$352,267	$0	$0	0.10	0.00	0.00
17	3469	Department of State, Human Relations	Fair Housing Assistance Program	$93,900	$0	$0	1.00	0.00	0.00
18	3414	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Projects for Assistance in Transition from Homelessness	$300,000	$100,900	$0	0.00	0.00	0.00
19	3455	Department of Health and Social Services, Public Health, Community Health	Sexual Violence Prevention and Education	$259,201	$0	$0	0.00	0.00	0.00
20	3459	Department of Health and Social Services, Public Health, Community Health	Milk and Shellfish Grant Program	$6,992	$0	$0	0.00	0.00	0.00
21	3467	Department of Health and Social Services, Public Health, Community Health	Water System Supervision	$548,000	$446,317	$0	8.00	7.85	0.00

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22	3468	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	$160,947	$0	$0	0.00	0.00	0.00
23	3473	Department of Health and Social Services, Public Health, Community Health	Ryan White Care Act Title II	$4,917,535	$0	$0	4.05	0.00	0.00
24	3480	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program	$303,369	$0	$0	0.00	0.00	0.00
25	3481	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program	$0	$19,372	$5,000	0.00	0.20	0.00
26	3482	Department of Health and Social Services, Public Health, Community Health	Tobacco Control and Prevention	$684,184	$0	$0	5.00	0.00	0.00
27	3490	Department of Health and Social Services, Administration, Office of the Secretary	State Innovation Model Testing	$5,604,719	$0	$0	0.00	0.00	0.00
28	2017-10-18-01	Department of Health and Social Services, Public Health, Community Health	Mammography Facility Inspection Contract	$43,255	$0	$0	0.00	0.00	0.00
29	2705 Amendment	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - State Exchange	$5,515	$0	$0	0.00	0.00	0.00
30	3430	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Survey of Sport Fish of Delaware Bay	$59,787	$19,929	$0	0.00	0.20	0.00
31	3453	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Coastal Finfish Assessment Survey	$159,279	$53,093	$0	1.43	0.02	0.00
32	3466	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Fisheries Management Program	$68,643	$22,881	$0	0.43	0.20	0.00
33	2913 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Avian Influenza Surveillance	$10,000	$0	$0	0.03	0.00	0.00
34	3483	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 154 Sanction Grant	$1,297,120	$0	$0	0.00	0.00	0.00
35	2017-10-31-01	Department of Safety and Homeland Security, State Police, Aviation	Marijuana Eradication	$12,000	$0	$0	0.00	0.00	0.00
36	3399	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (f) - Motorcycle Safety Grant	$35,000	$0	$0	0.00	0.00	0.00

Higher Education

1	2018-01-06-01	HE/University of Delaware	Synthetic Syntrophies to Enable CO2 Capture and Expand the Metabolic Space Via Acetogenic Mixotrophy	$495,023	$0	$0
2	2018-01-06-02	HE/University of Delaware	Design and Dissemination of a Framework Based on the Engineering Design Process (EDP) to Support Strategic Planning for Diversity and Inclusion in STEM Higher Education	$192,308	$0	$0
3	2018-01-06-03	HE/University of Delaware	Culture of Health	$0	$0	$243,093
4	2018-01-06-04	HE/University of Delaware	Using Hippocampal-Prefrontal Theta Synchrony to Enhance Spatial Working Memory	$250,000	$0	$0
5	2018-01-06-05	HE/University of Delaware	Carbonyls to Cancer Therapeutics	$1,250,000	$0	$0
6	2018-01-06-06	HE/University of Delaware	Building Science Identity in Young Women through a Video Game about Art Conservation Science	$0	$0	$113,943

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7	2018-01-06-07	HE/University of Delaware	Mellon Curatorial Track PHD Program - Part II	$0	$0	$954,923
8	2018-01-06-08	HE/University of Delaware	Sussex County Appropriation for Ag Exp Station Research Fiscal Year 2017	$0	$0	$395,245
9	2018-01-06-09	HE/University of Delaware	CIF: Small: MIMO-OFDM Radar: Unified Design with Communications	$295,134	$0	$0
10	2018-01-06-10	HE/University of Delaware	The Probabilitization of Additive Combinatorics	$287,818	$0	$0
11	2018-01-06-11	HE/University of Delaware	Student Leaders Program in The Middle East and North Africa	$0	$0	$157,381
12	2018-01-06-12	HE/University of Delaware	Marine Heat Waves in Midlatitude Regions: Role of the Coastal Wind Mode Near Eastern Ocean Boundaries	$0	$0	$113,693
13	2018-01-06-13	HE/University of Delaware	Collaborative Research: Automatically Enhancing Quality of Social Communication Channels to Support Software Developers and Improve Tool Reliability	$183,493	$0	$0
14	2018-01-06-14	HE/University of Delaware	Stochastic Methods For Studying Biochemical Processes Inside Single Cells	$156,097	$0	$0
15	2018-01-06-15	HE/University of Delaware	Engaging At Risk Female High School Students in Life Planning Through a Power for Life Program	$0	$0	$3,200
16	2018-01-06-16	HE/University of Delaware	Contributions of Skeletal Muscle Loading During Rotator Cuff Maturation and Healing	$100,000	$0	$0
17	2018-01-06-17	HE/University of Delaware	Geologic Map of Newark West and Newark East Quadrangles	$180,056	$0	$0
18	2018-01-06-18	HE/University of Delaware	Delaware Geological Survey National Ground Water Monitoring Network 2018	$55,374	$0	$0
19	2018-01-06-19	HE/University of Delaware	Exposure of Family Meals at Home on Dietary Intake and Family Functioning in Children: A Meta-Analysis	$0	$0	$18,181
20	2018-01-06-20	HE/University of Delaware	Exploring Catalysts and Barriers to Self-Direction	$0	$0	$39,645
221	2018-01-06-21	HE/University of Delaware	RI: Small: Mission Impossible: Cooperative Physical Interactions in Heterogeneous Robot Teams	$333,072	$0	$0
22	2018-01-06-22	HE/University of Delaware	Purdue /NSF Conceptual Model-Based Math Intelligent Tutor: A Response to Intervention Program for Elementary Students with Learning Difficulties in Mathmatics	$0	$0	$661,202
23	2018-01-06-23	HE/University of Delaware	SHF: Small: Scalable Formal Verification Methods for HPC Software	$345,435	$0	$0
24	2018-01-06-24	HE/University of Delaware	Bifunctional Catalysts for Low-Temperature Methane Combustion	$1,050,000	$0	$0
25	2018-01-06-25	HE/University of Delaware	Microbial Community Structure and Function of Hydrocarbon Reservoirs and Associated Seeps through Metagenomics	$0	$0	$153,463

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26	2018-01-06-26	HE/University of Delaware	Collaborative Research: Mathematical Modeling and Simulation of Transiently Networked Fluids	$220,757	$0	$0
27	2018-01-06-27	HE/University of Delaware	Leading Cyber Security Compliance while Cultivating Creativity and Innovation	$86,135	$0	$0
28	2018-01-06-28	HE/University of Delaware	Delaware Assistive Technology Initiative	$386,082	$0	$0
29	2018-01-06-29	HE/University of Delaware	Early Detection of Emerald Ash Borer Infestation Using High-Resolution Hyperspectral Imagery	$49,600	$0	$0
30	2018-01-06-30	HE/University of Delaware	Analysis of the Ribonucleases of Arabidopsis Thaliana	$494,740	$0	$0
31	2018-01-06-31	HE/University of Delaware	Collaborative Research: Unravelling Mechanisms of FE Oxidation Using Synthetic Biology and Biochemistry	$373,536	$0	$0
32	2018-01-06-32	HE/University of Delaware	Dynamic Control of Protein Assembly for Elucidating Native Yeast Cellular Functions and Pathway Engineering Using Synthetic CRISPR-Cas Endonuleases	$399,192	$0	$0
33	2018-01-06-33	HE/University of Delaware	Redirecting Cellular Metabolism Via Synthetic Toehold-Gated dCas9 Regulators	$426,467	$0	$0
34	2018-01-06-34	HE/University of Delaware	SHF: Small: PAW: Novel functionality in Programming models to productively Abstract Wavefront parallel pattern	$375,795	$0	$0
35	2018-01-06-35	HE/University of Delaware	Brain MR Elastography in Athletes with Repeated, Subconcussive Head Impacts	$97,623	$0	$0
36	2018-01-06-36	HE/University of Delaware	Return to Play After Acute ACL Injury in Athletes: Secondary Analysis of the Delaware Oslo Cohort	$0	$0	$148,529
37	2018-01-06-37	HE/University of Delaware	Reconstructive Vascularized Composite Allotransplantation: Qualitative Approach to Enhance Patient Reported Outcome Metrics and the Candidate Screening Process	$695,083	$0	$0
38	2018-01-06-38	HE/University of Delaware	PADE STRIVE17/18 Partner Organization	$0	$0	$11,000
39	2018-01-06-39	HE/University of Delaware	PADE STRIVE217/18 Partner Organization	$0	$0	$5,000
40	2018-01-06-40	HE/University of Delaware	Elucidating the Effect of Fumed Silica on PMMA Mar Resistance	$0	$0	$9,672
41	2018-01-06-41	HE/University of Delaware	PADE City of Wilmingotn17/18 Partner Organization	$0	$0	$19,000
42	2018-01-06-42	HE/University of Delaware	Effective Properties of Calcified Caps in Vulnerable Plaque	$145,818	$0	$0
43	2018-01-06-43	HE/University of Delaware	Collaborative Research: Blue-Noise Graph Sampling Arce	$199,589	$0	$0
44	2018-01-06-44	HE/University of Delaware	Mechanism and Control of S(O) Metabolism in Chlorbactulum Tepidum	$644,642	$0	$0

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45	2018-01-06-45	HE/University of Delaware	Collaborative Research: Analog Coding: From Point-To-Point To Multi-terminal Communications	$181,582	$0	$0
46	2018-01-06-46	HE/University of Delaware	Syntrophic Metabolite Cross-Feeding and Co-Evolution of Synthetic Microbial Co-Cultures	$406,676	$0	$0
47	2018-01-06-47	HE/University of Delaware	When Information-Centric Fog Computing Meets Social Mixed Reality Cimini	$339,269	$0	$0
48	2018-01-06-48	HE/University of Delaware	Modeling the Tear Film: Dynamics and Lipid Layer Structure	$441,980	$0	$0
49	2018-01-06-49	HE/University of Delaware	CSR: Towards Moving Cloud Computing to the Edge: Exploiting System Dynamics	$310,091	$0	$0
50	2018-01-06-50	HE/University of Delaware	Assessment for Student Agency: Re-Engineering Middle Scholl Mathematics by Using Formative Assessment, Online Achievement Tracking, and Support for Positive Academic Mindsets	$1,018,445	$0	$0
51	2018-01-06-51	HE/University of Delaware	Breaking Out of Online Echo Chambers Through Information Contextualization	$337,522	$0	$0
52	2018-01-06-52	HE/University of Delaware	Directly Testing the Magnocellular Theory of Dyslexia	$1,250,000	$0	$0
53	2018-01-06-53	HE/University of Delaware	Raman Optical Activity Based Sensor for In-Situ Determination of Non-Racemic Mixtures of Organics	$558,535	$0	$0
54	2018-01-06-54	HE/University of Delaware	An Efficacy Study to Evaluate a Conceptual Model-Based Math Intelligent Tutor: A Response-To-Intervention Program for Students with Learning Difficulties in Mathematics	$0	$0	$565,904
55	2018-01-06-55	HE/University of Delaware	SHF:Small:Exploiting Input-Characteristics Derived Parallelism In Signal Processing	$210,202	$0	$0
56	2018-01-06-56	HE/University of Delaware	Reduced Power and Cooling Redundancy: New Security Challenges and Their Solutions in Data Centers	$168,761	$0	$0
57	2018-01-06-57	HE/University of Delaware	X-ray Virtualization for Offense and Defense	$136,709	$0	$0
58	2018-01-06-58	HE/University of Delaware	Self-Direct Violence Among Latinos in Context	$0	$0	$299,990
59	2018-01-06-59	HE/University of Delaware	NASSP School Leaders Academy.	$0	$0	$66,026
60	2018-01-06-60	HE/University of Delaware	Increasing Consumer Awareness of the Economic and Health Benefits of "Real Texas Honey" Through a Multi-Stage Research and Marketing Campaign Across the State.	$0	$0	$15,682
61	2018-01-06-61	HE/University of Delaware	Compelling Reciprocity: Native American Art, Red Power, and Cold War Diplomacy	$0	$0	$200,000
62	2018-01-06-62	HE/University of Delaware	Model-Based Optimal Control of EMT to Design and Schedule Pancreas Cancer Therapy	$0	$0	$471,660
63	2018-01-06-63	HE/University of Delaware	Light-Responsive Networks in Heterotrophic Bacteria	$449,698	$0	$0

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64	2018-01-06-64	HE/University of Delaware	Simulation and Numerical Analysis in Elastodynamics	$263,721	$0	$0
65	2018-01-06-65	HE/University of Delaware	The Relation of Altered Pain Processing to Impact Loading and Response to a Gait Retraining Treatment in Knee Osteoarthritis	$766,500	$0	$0
66	2018-01-06-66	HE/University of Delaware	Delaware Sea Grant 2018-2022 Omnibus	$3,852,515	$29,700	$0
67	2018-01-06-67	HE/University of Delaware	Isogenic Cell Line Progression Models of TNBC	$375,000	$0	$0
68	2018-01-06-68	HE/University of Delaware	The Politics of National Forgetting: Colored Conventions and the Long History of Black Organizing	$0	$0	$200,000
69	2018-01-06-69	HE/University of Delaware	PD Coaching for Bookworms Curriculum at JK Harper Elementary School	$0	$0	$3,937
70	2018-01-06-70	HE/University of Delaware	Neurophysiological and Transcriptomic Predictors of Chronic Low Back Pain: Toards Precision Pain Management (NEAT Study)	$0	$0	$42,570
71	2018-01-06-71	HE/University of Delaware	Sussex County Appropriation for Ag Exp Station Research Fiscal Year 2017	$0	$0	$395,245
72	2018-01-06-72	HE/University of Delaware	CY2018 Ship Operations	$114,153	$0	$0
73	2018-01-06-73	HE/University of Delaware	Oceanographic Technical Services	$115	$0	$0
74	2018-01-06-74	HE/University of Delaware	The Library and Archives Conservation Education (LACE) Consortium Program: 2017-2025	$0	$0	$597,935
75	2018-01-06-75	HE/University of Delaware	New Capabilities for Numerical Computation with Functions	$188,559	$0	$0
76	2018-01-06-76	HE/University of Delaware	Electronic and Vibrational Coherence in Heterogeneous Electron Transfer	$405,567	$0	$0
77	2018-01-06-77	HE/University of Delaware	Functional Characterization of the Secreted Legionella Effector Protein AnkX	$119,808	$0	$0
78	2018-01-06-78	HE/University of Delaware	Quorum Sensing Regulators Control the Osmotic Stress Response in the Halophile Vibrio Parahaemolyticus	$119,808	$0	$0
79	2018-01-06-79	HE/University of Delaware	Single-ion Conducting Block Polymers with Controlled Interfaces for Nanostructured Battery Electrolytes	$330,599	$0	$0
80	2018-01-06-80	HE/University of Delaware	ARO SWIR Obscurant Study Goossen	$33,444	$0	$0
81	2018-01-06-81	HE/University of Delaware	High Flux Low-Cost Molecular Sieve Membrane for CO2 Separation from Flue Gas	$0	$0	$224,359
82	2018-01-06-82	HE/University of Delaware	Collaborative Research: Biogeochemical Fate and Stability of Fe-Ca-Organic Matter Complexes	$135,452	$0	$0

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83	2018-01-06-83	HE/University of Delaware	Post-doctoral Re-Entry Supplemnet to Effects of Lipidomic Diversity on GPCR Activity	$229,311	$0	$0
84	2018-01-06-84	HE/University of Delaware	National Leadership Consortium on Developmental Disabilities Indiana Leadership Institute	$0	$0	$75,000
85	2018-01-06-85	HE/University of Delaware	NASA EPSCOR Research Infrastructure Development Funding Extension (Year 4)	$89,286	$0	$0
86	2018-01-06-86	HE/University of Delaware	High Order Multi-Scale Numerical Methods for All-Mach Number Flows	$175,352	$0	$0
87	2018-01-06-87	HE/University of Delaware	Saddle Point Least Squares for Mixed Variational Formulations	$206,129	$0	$0
88	2018-01-06-88	HE/University of Delaware	The Role of Hippocampal-Thalamo-Prefrontal Circuit Alterations in Behavioral Abnormalities in an Animal Model of FASD	$92,463	$0	$0
89	2018-01-06-89	HE/University of Delaware	Mitochondrial Function in Chronic Kidney Diseases Patients with Heart Failure with Preserved Ejection Fraction	$0	$0	$210,000
90	2018-01-06-90	HE/University of Delaware	NCC/Eden Park and Hamilton Park Environmental Concerns, Health, and Rezoning/Relocation Survey	$0	$0	$12,500
91	2018-01-06-91	HE/University of Delaware	Archaea in the Deep: An Analysis of Metagenomes and Metatranscriptomes From Deep-Ocean Sediments	$0	$0	$68,048
92	2018-01-06-92	HE/University of Delaware	Simons Simulation and Numerical Analysis in Elastodynamics	$0	$0	$35,000
93	2018-01-06-93	HE/University of Delaware	High-Performance Short Fiber Composites from Recycled Fibers	$0	$0	$71,795
94	2018-01-06-94	HE/University of Delaware	Innovative One-step Non-recyclable Solid Waste Processing to Market Driven NanoCellulose	$0	$0	$27,522
95	2018-01-06-95	HE/University of Delaware	A High Performance Gas Diffusion Layer for PEM Fuel Cells	$0	$0	$22,436
96	2018-01-06-96	HE/University of Delaware	Control of Slugs in a Multi-Trophic Context: Using Friends to Manage Foes	$0	$0	$7,194
97	2018-01-06-97	HE/University of Delaware	Walking Mechanics, Early Osteoarthritis Development, and Neuromuscular Training after Traumatic Knee Injury	$121,098	$0	$0
98	2018-01-06-98	HE/University of Delaware	High-Performance Carbon Dioxide Electrolyzer for Alcohols Production	$0	$0	$13,107
99	2018-01-06-99	HE/University of Delaware	PADE Serviam Girls Academy 2 17/18 Partner Organization	$0	$0	$5,000
100	2018-01-07-01	HE/University of Delaware	Toward the Molecular Unpacking of the PaaC Domain, A Novel Plasmodesmata-Association & Activation Cassette	$542,115	$0	$0
101	2018-01-07-02	HE/University of Delaware	Impact of Immune Dysregulation on Juvenile Hippocampal Development: Examining the Cellular Interactions Throughout the Transition from Function to Dysfunction	$1,250,000	$0	$0

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102	2018-01-07-03	HE/University of Delaware	Targeting Heterogeneous Aggressive Breast Cancers: Using Smart DNA-Polymer Nanocapsules for Personalized Physiological Profiling and Tailored Therapeutics	$432,811	$0	$0
103	2018-01-07-04	HE/University of Delaware	Ultrafast Distributed Estimation of MAV Swarms	$554,735	$0	$0
104	2018-01-07-05	HE/University of Delaware	PADE Cornerstone West CDC WSGT 2 17/18 Partner Organization	$0	$0	$5,000
105	2018-01-07-06	HE/University of Delaware	PADE TEDx 2 17/18 Partner Organization	$0	$0	$5,000
106	2018-01-07-07	HE/University of Delaware	Cross-system Analysis in a Novel Mouse Model of Paroxysmal Dyskinesia	$0	$0	$130,002
107	2018-01-07-08	HE/University of Delaware	Novel Low-Cost and High Performance Photovoltaics for Area Constrained Applications	$0	$0	$88,894
108	2018-01-07-09	HE/University of Delaware	PADE Delaware State University 17/18 Partner Organization	$0	$0	$16,000
109	2018-01-07-10	HE/University of Delaware	Randomized Clinical Trial of Early Formula Diet on Rapid Growth and Energy Balance: A Follow Up Study	$0	$0	$26,630
110	2018-01-07-11	HE/University of Delaware	Targeting Heterogeneous Aggressive Breast Cancers: Using Smart DNA-Polymer Nanocapsules for Personalized Physiological Profiling and Tailored Therapeutics	$167,190	$0	$0
111	2018-01-07-12	HE/University of Delaware	DARPA Integraiton of Heterojunction Bipolar Transistors with Photodiode Based on SB System for High Speed Communications	$490,350	$0	$0
112	2018-01-07-13	HE/University of Delaware	IR-4 Northeast Region Minor Crop Pest Management Program	$0	$0	$33,000
113	2018-01-07-14	HE/University of Delaware	Uncertainty Quantifications fo Multiscale, Multiphysics Problems: Information Metrics for Reliable Uncertainty Quantification in Materials Design	$0	$0	$68,742
114	2018-01-07-15	HE/University of Delaware	Transition Education & Careers in Computer Information Science & Engineering (TECCIE) A Collaboration between the University of Delaware and JPMorgan Chase	$0	$0	$6,824,424
115	2018-01-07-16	HE/University of Delaware	Basic Balance Mechanisms in an Older Adult Population	$121,098	$0	$0
116	2018-01-07-17	HE/University of Delaware	Inquiry and Equity: Who Gets to Ask Questions in Mathematics?	$0	$0	$43,197
117	2018-01-07-18	HE/University of Delaware	Nuvve Research Year 2 Funding	$0	$0	$408,427
118	2018-01-07-19	HE/University of Delaware	Neuro-Hormonal Integration in Cryptorchidism Susceptibility	$0	$0	$80,408
119	2018-01-07-20	HE/University of Delaware	A Provider-Assisted HIV Partner Notification and Testing Intervention for Prisoners in Indonesia	$0	$0	$59,841
120	2018-01-07-21	HE/University of Delaware	Mesotheilal Mechanotransduction as a Key Regulator of Embryonic Lung Growth	$179,712	$0	$0

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121	2018-01-07-22	HE/University of Delaware	Advancing Mobility and Development in Young Children with Down Syndrome	$2,498,265	$0	$0
122	2018-01-07-23	HE/University of Delaware	Phase II: Low Velocity Impact Performance and Modeling of CA Composites for Space Suit Applications	$0	$0	$141,025
123	2018-01-07-24	HE/University of Delaware	Low Velocity Impact Modeling and Performance Evaluation of STF Composites for Space Suit Applications	$0	$0	$144,230
124	2018-01-07-25	HE/University of Delaware	Phase II: Damage Tolerant Pressure Structures	$0	$0	$160,256
125	2018-01-07-26	HE/University of Delaware	Demonstration of Antibody Titers in Broilers Vaccinated with Poulvac Magniplex IBD (V877 antigen-antibody complex) Vaccine as Detected by ProFLOK IBD Antibody ELISA, ProFLOK IBD PLUS Antibody ELISA and IDEXX IBD ELISA Kits	$0	$0	$17,330
126	2018-01-07-27	HE/University of Delaware	When Screen Time is a Good Thing: Improving Post-Primary Educational Content Delivery in Classrooms and at Home	$0	$0	$271,492
127	2018-01-07-28	HE/University of Delaware	Multifunctional Crystalline Hybrids to Revolutionize Infrared Optical Materials.	$0	$0	$13,345
128	2018-01-07-29	HE/University of Delaware	NSF IPA OU	$176,497	$0	$0
129	2018-01-07-30	HE/University of Delaware	Collaborative Research: Investigating How Transient Electrical and Magnetic Signals Relate to Changes in Recharge-Driven Redox State and Iron Mineral Transformations	$84,831	$0	$0
130	2018-01-07-31	HE/University of Delaware	Cybersecurity Education Using Storytelling with Social Robots	$199,378	$0	$0
132	2018-01-07-32	HE/University of Delaware	Integrating Cybersecurity Education within Clouds	$203,478	$0	$0
133	2018-01-07-33	HE/University of Delaware	Unconventional Gas Production, Water Resource Integrity and Impacted Communities in the Marcellus Basin	$0	$0	$62,149
134	2018-01-07-34	HE/University of Delaware	Study of the U.S. Institutes for Student Leaders on Women's Leadership	$0	$0	$548,472
135	2018-01-07-35	HE/University of Delaware	Front Page Cafe	$0	$0	$1,675
136	2018-01-07-36	HE/University of Delaware	Collaborative Research: Relating Mineral Scaling with Membrane Surface Chemistry to Improve Membrane Scaling Resistance in Reverse Osmosis	$129,297	$0	$0
137	2018-01-07-37	HE/University of Delaware	The Interaction Between Mild Traumatic Brain Injury and Musculoskeletal Injury Diminishes Manpower and Resilience in US Military Personnel	$0	$0	$367,961
138	2018-01-07-38	HE/University of Delaware	Innovative Ultrasonic Atomization in Forced Air Cooling Process to Improve Post-Harvest Safety and Quality of Apples and Tomatoes	$74,072	$0	$0
~~139~~	~~2018-01-07-39~~	~~HE/University of Delaware~~	~~Three-Way Catalytic Distillation to Renewable Surfacants Via Triglycerides~~	~~$0~~	~~$0~~	~~$0~~
140	2018-01-07-40	HE/University of Delaware	Role of Legacy Phosphorus in Downstream Air Quality in East Creek, Crisfield, MD	$0	$0	$25,916

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141	2018-01-07-41	HE/University of Delaware	Making Waves in the Classroom - Engaging Students in STEM through Hands-on Coastal Oceanography and Engineering	$333,259	$0	$0
142	2018-01-07-42	HE/University of Delaware	2018 Fulbright Visiting Scholar Program for Iraq - Engineering Cohort	$0	$0	$107,100
143	2018-01-07-43	HE/University of Delaware	Improving Immunotherapy Efficacy by Modulating Release From Responsive Depots	$1,866,367	$0	$0
144	2018-01-07-44	HE/University of Delaware	Opinions of Residents, Deer Hunters, and Landowners on Deer Management in Maryland	$0	$0	$87,000
145	2018-01-07-45	HE/University of Delaware	Dwight David Eisenhower Transportation Fellowship Program (DDETFP)	$35,500	$0	$0
146	2018-01-07-46	HE/University of Delaware	Archaea in the Deep: An Analysis of Metagenomes and Metatranscriptomes from Deep-Ocean Sediment	$0	$0	$30,000
147	2018-01-07-47	HE/University of Delaware	PADE 4-H Youth Development 17/18 Partner Organization	$0	$0	$14,000
148	2018-01-07-48	HE/University of Delaware	qRNA-PAINT as a Method for High-Throughput, Quantitavtive, Single Molecule Analysis of Cellualar RNAs and Their Networks	$194,065	$0	$0
149	2018-01-07-49	HE/University of Delaware	Development of Chemometric Best Practices	$0	$0	$69,852
150	2018-01-07-50	HE/University of Delaware	Biomaterials Directed Gene Modulation to Enhance Cardiovascular Repair	$2,153,307	$0	$0
151	2018-01-07-51	HE/University of Delaware	An fNIRS Study of Early Brain and Behavior Development in Infants With and Without Risk for Autism Spectrum Disorder (ASD)	$0	$0	$252,931
152	2018-01-07-52	HE/University of Delaware	Broadband Acoustic Signal Variability in Dynamic Shallow Water Regions	$526,293	$0	$0
153	2018-01-07-53	HE/University of Delaware	Study on the Frequency Dependence of the Sound Speed and Attenuation in Muddy Sediments in Shallow Water	$192,307	$0	$0
154	2018-01-07-54	HE/University of Delaware	Comparative Effect of Commercially Available Custom Dynamic Orthoses (CDOs)	$0	$0	$39,114
155	2018-01-07-55	HE/University of Delaware	Kids Count	$0	$0	$95,238
156	2018-01-07-56	HE/University of Delaware	Development of Mathematical Models and Related Computer Codes	$8,600	$0	$0
157	2018-01-07-57	HE/University of Delaware	Summer Internship for LSST Astrometry	$0	$0	$5,100
158	2018-01-07-58	HE/University of Delaware	Naval Undersea Warfare Center (NUWC) Experimental Study on Optically Transparent and RF Reflective Glass Mirotnik	$54,184	$0	$0
159	2018-01-07-59	HE/University of Delaware	RII Track-2 FEC: Genome, Harvesting from the Tree of Life using Synthetic Biology of non-Model Microbes	$0	$0	$1,625,661

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160	2018-01-07-60	HE/University of Delaware	NCAA-DoD Grand Alliance: Concussion Assessment, Research and Education (CARE) Consortium - Longitudinal Clinical Study Core (CSC)	$0	$0	$14,113
161	2018-01-07-61	HE/University of Delaware	NAD+ Therapy for Improving Memory & Cerebrovascular Function in Patients with MCI	$610,960	$0	$0
162	2018-01-07-62	HE/University of Delaware	Modeling of Lube Oil Hydrotreating	$0	$0	$39,098
163	2018-01-07-63	HE/University of Delaware	4H Healthy Living Summit	$0	$0	$2,700
164	2018-01-07-64	HE/University of Delaware	Work With the Leadership Team in Jefferson County Schools to Consider Next Steps in Curriculum and Instruction	$0	$0	$3,932
165	2018-01-07-65	HE/University of Delaware	Renewal - Mineral-Fluid Interactions: Synchrotron Radiation Studies at the Advanced Photon Source	$0	$0	$191,175
166	2018-01-07-66	HE/University of Delaware	Proposal Supplement: Fostering Local Strategic Outreach: Wind Energy Challenges and Opportunities in Sussex County Phase II	$0	$0	$69,098
167	2018-01-07-67	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	$374,289	$0	$0
168	2018-01-07-68	HE/University of Delaware	Oceanographic Instrumentation CY18	$147,000	$0	$0
169	2018-01-07-69	HE/University of Delaware	Colored Conventions Project	$0	$0	$200,000
170	2018-01-07-70	HE/University of Delaware	ETI Better Buying Bangladesh Launch	$0	$0	$77,471
171	2018-01-07-71	HE/University of Delaware	DRIVEN: Accelerating Medical Entrepreneurship in the Northeast	$0	$0	$137,499
172	2018-01-07-72	HE/University of Delaware	Research, Development, Test and Evaluation Multiple Award Indefinite Delivery/Indefinite Quantity Solicitation for Rolling Stock and Track	$0	$0	$516,449
173	2018-01-07-73	HE/University of Delaware	Do Cultivars of Native Plants Support Food Webs As Well As Their Parent Species?	$0	$0	$7,812
174	2018-01-07-74	HE/Delaware State University	2018 Renewable Resources Extension Act Program at Delaware State University	$13,500	$0	$0
175	2018-01-07-75	HE/Delaware State University	HBCU-UP Targeted Infusion Project: Collaborative Science Initative (CSI) Delaware	$399,995	$0	$0
176	2018-01-07-76	HE/Delaware State University	Development of Implementation of a Waste Reduction Program - Cycle 8	$47,998	$0	$0
177	2018-01-07-77	HE/Delaware State University	The Effect of TDP-43 on Memory, Network Connectivity, and Pathology	$175,000	$0	$0
178	2018-01-07-78	HE/Delaware State University	Mathematical Analysis and Numerical Modelling of Optical Solutions in Nonlinear Materials and metamaterials	$126,121	$0	$0

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179	2018-01-07-79	HE/Delaware State University	An Active Approach to Multi Scale Ensembles for Clinical Streams	$475,414	$0	$0
180	2018-01-07-80	HE/Delaware State University	Interdisciplinary Health Equity Research Center	$16,428,060	$0	$1,279,538
181	2018-01-07-81	HE/Delaware State University	DE Division of Family Services Caseload Analysis	$33,350	$0	$0

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Delaware State Clearinghouse Committee
February Agenda

February 27, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	3497	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
2	3500	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Hazard Mitigation Grant	$12,111	$2,863	$0	0.00	0.00	0.00
Continued									
3	3371 Amendment	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients and Providers Act	$30,373	$0	$0	0.00	0.00	0.00
4	3496	Department of Health and Social Services, Public Health, Community Health	Primary Care Services Resource Coordination and Development	$155,998	$0	$0	1.50	0.00	0.00
5	2017-12-21-01	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
6	3495	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	$1,161,112	$198,673	$0	6.46	1.14	0.00
Higher Education									
1	2018-02-03-01	HE/Delaware State University	Gatekeeping Communities? Understanding How Landlords Make Sense of and Capitalize on Neighborhood Change and Gentrification	$15,255	$0	$0			
2	2018-02-03-02	HE/Delaware State University	RII Track-2 FEC: Genomics of Caulobacter-Plant Interaction for Research, Training, and Infrastructure Development	$5,995,222	$0	$0			
3	2018-02-03-03	HE/Delaware State University	The Location and Employment Effects of Non-Depository Financial Institutions: Evidence From the States of Delaware and New York	$84,000	$0	$0			
4	2018-02-03-04	HE/Delaware State University	Steelcase Active Learning Center Grant	$67,000	$0	$0			
5	2018-02-03-05	HE/Delaware State University	Evaluation of the Potential Bladder Cancer Serum Biomarkers	$10,000	$0	$0			
6	2018-02-03-06	HE/Delaware State University	ISTARS-International Biotechnology Academy for Research Scholars	$398,919	$0	$0			
7	2018-02-03-07	HE/University of Delaware	Characterization of Novel Factors that Regulate Postsynaptic Cholinergic Signaling	$0	$0	$5,000			
8	2018-02-03-08	HE/University of Delaware	Objective Clinical Prescription of Passive-Dynamic Ankle-Foot Orthoses to Optimize Patient Outcomes	$327,599	$0	$0			
9	2018-02-03-09	HE/University of Delaware	Shipboard Scientific Support Equipment CY18	$343,658	$0	$0			

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10	2018-02-03-10	HE/University of Delaware	EREF Textile Diversion Potential	$0	$0	$109,500
11	2018-02-03-11	HE/University of Delaware	Quasi-equilibrium Bose-Einstein Condensates of Magnons at Room Temperature	$0	$0	$5,000
12	2018-02-03-12	HE/University of Delaware	Consequences of Early Life Immune Activation on Microglia-Meditated Synaptic Remodeling of Neural Circuits in the Developing Hippocampus and Learning in the Juvenile Rat	$0	$0	$9,371
13	2018-02-03-13	HE/University of Delaware	LiDAR Bank Scanning, South River, Virginia	$0	$0	$47,156
14	2018-02-03-14	HE/University of Delaware	Understanding the Synthesis-Structure-Property Relationship in Upconversion Nanoparticles	$296,972	$0	$0
15	2018-02-03-15	HE/University of Delaware	Pesticide Safety Management 2018	$0	$0	$22,200
16	2018-02-03-16	HE/University of Delaware	Role of Dietary Salt on the Human Microbiota	$0	$0	$182,029
17	2018-02-03-17	HE/University of Delaware	Probing the Influence of the Assembly of Polymer Additives in the Reinforecement of Responsive Gels	$0	$0	$109,999
18	2018-02-03-18	HE/University of Delaware	A Perceptual Model of Racial Bias in Pain Care	$306,024	$0	$0
19	2018-02-03-19	HE/University of Delaware	Testing High Concentration Proteins	$0	$0	$6,532
20	2018-02-03-20	HE/University of Delaware	Delaware COBRE for Rehabilitation Research	$7,476,356	$0	$0
221	2018-02-03-21	HE/University of Delaware	Investigation of the Pathways of Turbulent Dissipation and Particle Heating and Acceleration in the Magnetosheath and the Solar Wind	$338,751	$0	$0
22	2018-02-03-22	HE/University of Delaware	Vertical Tri-Gate Tunneling Field Effect Transistors	$0	$0	$204,972
23	2018-02-03-23	HE/University of Delaware	FoMR: Boosting Single-Thread Performance Under a Multi-Threaded Program Execution Environment	$320,905	$0	$0
24	2018-02-03-24	HE/University of Delaware	Collaborative: EAGER: Exploring and Advancing the State of the Art in Robust Science in Gravitational Wave Physics	$48,077	$0	$0
25	2018-02-03-25	HE/University of Delaware	Knights Templar Eye Foundation: Investigation of Mafg and Mafk Transcription Factors in Sterol Pathway Control in Cataract	$0	$0	$65,000
26	2018-02-03-26	HE/University of Delaware	iManage TBI: Development and Efficacy testing of a Symptom Monitoring and Self Management System for Individuals with TBI.	$5,189,864	$0	$0
27	2018-02-03-27	HE/University of Delaware	Chesapeake Bay Ecological Forecasting Testbed: Accelerating the Transition of Models from Research to Operations	$0	$0	$110,396
28	2018-02-03-28	HE/University of Delaware	Digital Impacts: Developing Processes and Platforms to Support Humanities-Based Disaster Research in the Born-Digital Age	$60,098	$0	$0

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29	2018-02-03-29	HE/University of Delaware	Soluble Salts on Mars- Assessing Martian Habitability Using Terrestrial Analogs that Span Gradients of Climate, Topography, and Time	$0	$0	$93,848
30	2018-02-03-30	HE/University of Delaware	Sodium Loading and Post-Exercise Hypotension	$0	$0	$5,000
31	2018-02-03-31	HE/University of Delaware	Acute Dietary Sodium Intake Effects on Cardiovascular and Cerebrovascular Reactivity	$0	$0	$4,971
32	2018-02-03-32	HE/University of Delaware	The Effect of Acute Exercise on Pulsatile Load in Healthy Aging	$0	$0	$5,000
33	2018-02-03-33	HE/University of Delaware	Neurovascular Regulation During Short-term Water Restriction	$0	$0	$5,000
34	2018-02-03-34	HE/University of Delaware	Western States Leadership Institute on Developmental Disabilities	$0	$0	$113,105
35	2018-02-03-35	HE/University of Delaware	Rational Design of Novel Electrocatalyst with Enhanced Properties	$12,000	$0	$0
36	2018-02-03-36	HE/University of Delaware	FoMR:Make Micro-architecture's Life Easier-Regularity-Oriented Program Optimization Techniques	$200,581	$0	$0
37	2018-02-03-37	HE/University of Delaware	RII Track-2 FEC: Dissecting Syntrophic & Other Complex Microbial Interactions in Biotechnology, Health & the Environment: From Genome to Phenome	$4,922,843	$0	$0
38	2018-02-03-38	HE/University of Delaware	CY2018 ONR Ship Support	$332,181	$0	$0
39	2018-02-03-39	HE/University of Delaware	Structural Biology of C-DI-AMP Signaling in Gram-Positive Bacteria	$880,000	$0	$0
40	2018-02-03-40	HE/University of Delaware	Learn the Signs. Act Early Ambassador Program	$0	$0	$6,722
41	2018-02-03-41	HE/University of Delaware	Promoting and Teaching the Meaningful Watershed Education Experience Through Video	$0	$0	$17,286
42	2018-02-03-42	HE/University of Delaware	CNH-L: From Colonial Legacy to Contemporary Choices: How decisions on Low-Head Milldams are Impacting Landscapes, Waterways, and Public Policy	$1,359,522	$0	$0
43	2018-02-03-43	HE/University of Delaware	Multi-functional rf-Aperture for Geolocation, Instantaneous-Frequency-Measurement, and Communications (MAGIC)	$495,347	$0	$0
44	2018-02-03-44	HE/University of Delaware	UNOLS East Coast Van Pool CY2018 - CY2022	$1,704,020	$0	$0
45	2018-02-03-45	HE/University of Delaware	NSF Collaborative Research: DCL: Synthesis and Design Worship: A Next Generation Learning Environment for Improving Instructional Practice and Transforming Teacher Researcher Partnerships	$58,724	$0	$0
46	2018-02-03-46	HE/University of Delaware	Coherent Lagrangian Pathways in 3D+1 Submesoscale Transport in CALYPSO	$316,544	$0	$0
47	2018-02-03-47	HE/University of Delaware	Midwest Regional Carbon Sequestration Partnership (MRCSP)	$0	$0	$17,356

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48	2018-02-03-48	HE/University of Delaware	Achilles Tendon and Knee Joint Loads During Running in Patients With Achilles Tendinopathy	$0	$0	$5,000
49	2018-02-03-49	HE/University of Delaware	Phase II of the Correlation Between Track Geometry Defects and Tie Conditions:	$0	$0	$31,924
50	2018-02-03-50	HE/University of Delaware	NIH R01 Control of Articular Cartilage Structure and Function by EGFR Signaling	$0	$0	$38,070
51	2018-02-03-51	HE/University of Delaware	Neurobiology of Language Recovery in Aphasia: Optimizing Dysgraphia Treatment Outcomes	$0	$0	$29,096
52	2018-02-03-52	HE/University of Delaware	Mechanisms of Sex Differences in Nonatal Pulmonary Oxygen Toxicity	$0	$0	$165,000
53	2018-02-03-53	HE/University of Delaware	Identifying the Role of Developmental and Mechanical Cues Required for Tendon-Bone Attachment Maturation and Healing	$0	$0	$45,174
54	2018-02-03-54	HE/University of Delaware	Collaborative Research: Nanomanufacturing from Chaotic State to Ordered Nano-Assembly to Integrated Functional System	$199,590	$0	$0
55	2018-02-03-55	HE/University of Delaware	Mechanobiology of the Developing Tendon Attachment	$326,765	$0	$0
56	2018-02-03-56	HE/University of Delaware	Department of Health and Human Services, Health Resources and Services Administration, Leadership Education in Neurodevelopmental and Other Related Disabilities - Year 1 Carryover	$114,433	$0	$0
57	2018-02-03-57	HE/University of Delaware	Osteocyte Mechanotransduction and the Gabapentin-Sensitive Matrix-Channel Tethering Complex	$0	$0	$157,794
58	2018-02-03-58	HE/University of Delaware	Collaborative Research: Utilizing the Nation's Rail System for Hurricane Evacuation	$233,476	$0	$0
59	2018-02-03-59	HE/University of Delaware	The Interaction Between Mild Traumatic Brain Injury and Musculoskeletal Injury in Collegiate Athletes	$0	$0	$539,189
60	2018-02-03-60	HE/University of Delaware	Chemistry-Biology Interface Predoctoral Training Grant 2019-2024	$2,217,200	$0	$0
61	2018-02-03-61	HE/University of Delaware	RII Track-2 FEC: Advanced Biofabrication: Tissue Printing to Understand Linked Genotype and Phenotype Transformations in Controlled Extracellular Matrices	$0	$0	$1,139,649
62	2018-02-03-62	HE/University of Delaware	Characterizing the Stress-Strain and Strength Behavior of Partially Saturated Silty-Clay Transition Soils	$211,361	$0	$0
63	2018-02-03-63	HE/University of Delaware	Slick yet Stuck? The Origins, Limitations, and Implications of Extreme Cartilage Adhesion	$204,710	$0	$0
64	2018-02-03-64	HE/University of Delaware	QRM: Quantitative Representation of Discontinuous Fiber Composite Microstructures	$301,489	$0	$0
65	2018-02-03-65	HE/University of Delaware	NSF HDBE Collaborative Research: Group Response to Uncertain Warnings	$228,626	$0	$0
66	2018-02-03-66	HE/University of Delaware	Collaborative Research: IRES Track I: U.S. - Cameroon Collaboration Investigating Anthropogenic Perturbations on Carbon Cycling in an Urbanized Tropical Estuary	$150,277	$0	$0

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67	2018-02-03-67	HE/University of Delaware	A Study of Multisystem Interactions Between Motor, Social, and Cognitive Systems in Children With and Without Autism	$1,352,930	$0	$0
68	2018-02-03-68	HE/University of Delaware	The Role of Glucocorticoid Receptors in Inhibiting Persistent Fear Memory in Post Traumatic Stress Disorder	$350,000	$0	$0
69	2018-02-03-69	HE/University of Delaware	Examining the Reciprocal Effects of Stemflow and Corticular Bacterial Communities and their Differences within Urban and Rural Forests	$0	$0	$11,989
70	2018-02-03-70	HE/University of Delaware	Common and Uncommon Physics of Particle Energization: From Flares to Supernovae	$1,256,521	$0	$0
71	2018-02-03-71	HE/University of Delaware	Nicotinamide Riboside Supplementation for Treating Elevated Systolic Blood Pressure and Arterial Stiffness in Middle-Aged and Older Adults	$0	$0	$144,755
72	2018-02-03-72	HE/University of Delaware	Understanding Fundamentals of Structure Formation at Early-Age and Breakdown Under Stress to Control Concrete Rheology	$261,750	$0	$0
73	2018-02-03-73	HE/University of Delaware	CDS/Air Force i-SLEDS	$0	$0	$48,402
74	2018-02-03-74	HE/University of Delaware	RNA-Binding Proteins in Early Eye Development	$1,250,000	$0	$0
75	2018-02-03-75	HE/University of Delaware	NOAA NWS National Mesonet Program 2018	$0	$0	$94,195
76	2018-02-03-76	HE/University of Delaware	Molecular Mechanism of Ca2+ Induced Mitochondrial Shape Transition in Metazoans	$0	$0	$128,204
77	2018-02-03-77	HE/University of Delaware	Collaborative Research: Forcing Obliquity and Coastal Zone Mixing: Hierarchy, Critical States, and Mechanisms Through Coordinated Simulations, Field Measurements, and Theoretical Assessment	$114,519	$0	$0
78	2018-02-03-78	HE/University of Delaware	Spin Orbit Torque in Ferromagnet/Topological-Quantum-Matter Heterostructures	$521,185	$0	$0
79	2018-02-03-79	HE/University of Delaware	Identification and Characterization of Circular RNAs in Ewing's Sarcoma	$0	$0	$45,454
80	2018-02-03-80	HE/University of Delaware	Psychological and Perceptual Contributions to Biased and Accurate Pain Care	$0	$0	$13,485
81	2018-02-03-81	HE/University of Delaware	Automatic Control of Blood Transfusion Using Noninvasive Sensors	$0	$0	$69,757
82	2018-02-03-82	HE/University of Delaware	Determining the Impact of Microgravity on Plant Biomechanics and Production	$96,154	$0	$0
83	2018-02-03-83	HE/University of Delaware	Application of Hydrogen Chronometry to Determine Peridotite Alteration Timescales	$157,827	$0	$0
84	2018-02-03-84	HE/University of Delaware	EDGE: Genome-Editing Tools for Cosmopolitan Light-Responsive Actinobacteria	$249,572	$0	$0
85	2018-02-03-85	HE/University of Delaware	Supporting Teachers to Teach Mathematics Through Problem Posing	$0	$0	$231,364

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86	2018-02-03-86	HE/University of Delaware	Aggregation and Determinism in Next Generation Wireless Networks	$0	$0	$101,000
87	2018-02-03-87	HE/University of Delaware	Modeling UV Resonance Lines in Magnetic Massive Star Winds	$38,067	$0	$0
88	2018-02-03-88	HE/University of Delaware	Identifying the Role of Developmental and Mechanical Cues Required for Tendon-Bone Attachment Maturation and Healing	$0	$0	$45,174
89	2018-02-03-89	HE/University of Delaware	Innovative Carbon Nanotube-Based Composite Sensing Skins for Structural Health Monitoring	$128,204	$0	$0
90	2018-02-03-90	HE/University of Delaware	Simons Diffusive Limits of Random Combinatorial Structures	$0	$0	$35,000
91	2018-02-03-91	HE/University of Delaware	Simons Algebraic and Combinatorial Aspects of Analysis	$0	$0	$35,000
92	2018-02-03-92	HE/University of Delaware	Optically Induced Phase Change Metamaterials and Their Self-Consistent Modeling	$0	$0	$651,448
93	2018-02-03-93	HE/University of Delaware	Mechanisms Underlying the Protective Vascular Effects of Dietary Potassium in Humans	$1,863,922	$0	$0
94	2018-02-03-94	HE/University of Delaware	Hippocampal-Thalomo-Prefrontal Circuitry Damage and Therapeutic Intervention in a Model of FASD	$1,508,740	$0	$0
95	2018-02-03-95	HE/University of Delaware	Mechanical Control of Cell Proliferation and Branching Morphogenesis in the Embryonic Lung	$0	$0	$269,860
96	2018-02-03-96	HE/University of Delaware	Tissue and Developmental Stage-Specific Regulation fo Mitochondrial Iron Transport in Erythoid Cells by FAM210B	$0	$0	$30,125
97	2018-02-03-97	HE/University of Delaware	CC* Networking Infrastructure: CyberInfrastructure Technology Advancement for Delaware (CITADel) - 100 Gb/s Connection Upgrade to Internet2	$417,895	$0	$0
98	2018-02-03-98	HE/University of Delaware	Treatment of Stress-Related Psychopathology: Targeting Maladaptive and Adaptive Event Processing	$0	$0	$823,649
99	2018-02-03-99	HE/University of Delaware	Nanomaterial Construction through Peptide Computational Design and Hierarchical Solution Assembly	$538,934	$0	$0
100	2018-02-04-01	HE/University of Delaware	Fulbright Gateway Orientation for Fulbright Foreign Students	$0	$0	$67,677
101	2018-02-04-02	HE/University of Delaware	Integrated Ultra-High Performance Electro-Optic Modulators	$0	$0	$32,052
102	2018-02-04-03	HE/University of Delaware	Pro-Pathological Response of Dystrophic Muscle-Secreted Extracellular Vesicles	$2,353,762	$0	$0
103	2018-02-04-04	HE/University of Delaware	Low Bone Density	$1,250,000	$0	$0
104	2018-02-04-05	HE/University of Delaware	Perceptual and Psychological Contributions to Racial Disparities in Pain Care	$0	$0	$19,964

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105	2018-02-04-06	HE/University of Delaware	MRI: Acquisition of a III-V Molecular Beam Epitaxy System for a New Materials Growth User Facility	$1,326,463	$0	$0
106	2018-02-04-07	HE/University of Delaware	International and Domestic Graduate Teaching Assistants; Knowledge for Teaching, Teaching Practice, and Reflection	$0	$0	$49,996

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Delaware State Clearinghouse Committee
March Agenda

March 27, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	3498	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Outdoor Recreation Legacy Partnership Program	$306,724	$0	$306,724	0.00	0.00	0.00
Continued									
2	3514	Department of State, Office of the Secretary, Delaware Commission of Veterans Affairs	Veterans Cemetery Expansion	$1,015,040	$101,504	$0	0.00	0.00	0.00
3	3501	Department of Health and Social Services, Public Health, Emergency Medical Services	Emergency Medical Services for Children Partnership	$130,000	$22,299	$0	0.00	0.20	0.00
4	3511	Department of Health and Social Services, Social Services	Refugee Social Service Case Program	$75,000	$0	$0	0.00	0.00	0.00
5	3515	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training - Operations	$84,947	$84,948	$0	0.00	0.00	0.00
6	3446	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Adoption Incentive Payments Program	$31,227	$0	$0	0.00	0.00	0.00
7	3037 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Energy and Climate	Weatherization Assistance Program	$572,294	$0	$0	0.00	0.00	0.00
8	3512	Department of Natural Resources and Environmental Control, Office of the Secretary, Office of Innovation and Technology	Environmental Information Exchange Network	$172,917	$0	$0	0.00	0.00	0.00
9	3523	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Investigations - Wild Turkey	$31,122	$10,374	$0	0.12	0.13	0.00
10	3510	Department of Agriculture, Animal Health	Umbrella National Surveillance	$245,235	$0	$0	0.00	0.00	0.00
11	3516	Department of Agriculture, Animal Health	Animal Disease Traceability	$6,250	$0	$0	0.00	0.00	0.00
Higher Education									
1	2018-03-03-01	HE/University of Delaware	Prevention of PTOA via Regulation of the Cytomechanics of Chondrocytes	$1,250,000	$0	$0			
2	2018-03-03-02	HE/University of Delaware	Role of Turbulence in Suprathermal Particle Energization	$360,039	$0	$0			
3	2018-03-03-03	HE/University of Delaware	ECHO PRO Research Resource: A Developmentally Based Measurement Science Framework for Assessing Environmental Exposure and Child Health	$0	$0	$111,581			
4	2018-03-03-04	HE/University of Delaware	MRI: Acquisition of a AFM-Raman Microscope	$694,574	$0	$0			
5	2018-03-03-05	HE/University of Delaware	MRI: Acquisition of a Console and Cryogenic Quadnuclear Probe for a 600 MHz NMR Spectrometer	$772,166	$0	$0			
6	2018-03-03-06	HE/University of Delaware	Collaborative Research: NRT-INFEWS: Sensing Natural Systems	$1,637,252	$0	$0			
7	2018-03-03-07	HE/University of Delaware	Functional Degeneration: In Vivo Quantification of Disc Mechanics	$1,908,226	$0	$0			

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8	2018-03-03-08	HE/University of Delaware	Toolkit for Creating Functional Multidomain Proteins with Fast Bioorthogonal Chemistry	$1,260,930	$0	$0
9	2018-03-03-09	HE/University of Delaware	C-H/ Aromatic Interactions in Protein Structure and Controlled Assembly	$1,456,740	$0	$0
10	2018-03-03-10	HE/University of Delaware	Characterization of Legionella Effectors Targeting Host Membrane Compartments	$275,000	$0	$0
11	2018-03-03-11	HE/University of Delaware	Materials in Extreme Dynamic Environments 2018	$0	$0	$658,060
12	2018-03-03-12	HE/University of Delaware	Rapid Manufacturing of Tooling for On-Aircraft Composite Scarf Repairs	$0	$0	$22,436
13	2018-03-03-13	HE/University of Delaware	Hybrid Ceramic Matrix Composite/Polymer Matrix Composite (CMC-PMC) Skin Materials	$0	$0	$57,692
14	2018-03-03-14	HE/University of Delaware	Precision Machining of Composite Structures	$0	$0	$32,051
15	2018-03-03-15	HE/University of Delaware	Analytical Tool for Assessing Short Fiber Composite Structural Behavior	$0	$0	$9,616
16	2018-03-03-16	HE/University of Delaware	Rapid Manufacturing of Tooling for On-Aircraft Composite Scarf Repairs	$0	$0	$32,051
17	2018-03-03-17	HE/University of Delaware	Defining the Transcriptional Regulation of the Developing Tendon-Bone Attachment in Response to Microgravity	$192,775	$0	$0
18	2018-03-03-18	HE/University of Delaware	Elucidating the Role of Microgravity on NK Cell-Induced Immunodeficiency in a 3D Model of the Bone Marrow Microenvironment	$102,153	$0	$0
19	2018-03-03-19	HE/University of Delaware	Type II: University of Delaware I-Corps Site	$271,998	$0	$0
20	2018-03-03-20	HE/University of Delaware	Collaborative Research: Evaluating the Influence of Lagrangian Coherent Structures on the Patchy Distribution of Plankton in Productive Coastal Systems	$208,921	$0	$0
221	2018-03-03-21	HE/University of Delaware	Colaborative Proposal: Influence of Wind and Bottom Generated Turbulence on Air-Sea Gas Exchange in Shallow Water Environments	$229,837	$0	$0
22	2018-03-03-22	HE/University of Delaware	Healthy Sleep as a Target to Optimize Response to Standard Nicotine Dependence Treatment and Improve Cardiovascular Health in Smokers	$4,247,370	$0	$0
23	2018-03-03-23	HE/University of Delaware	FY2018 State Water Resources Research Institute Program for Delaware	$92,335	$0	$0
24	2018-03-03-24	HE/University of Delaware	Rescue, Preservation and Access: Delaware Geological Survey's Atlantic OCS Sample and Data Repository FY2018 Project	$27,219	$0	$0
25	2018-03-03-25	HE/University of Delaware	Ecosystem Carbon Dynamics and Processes Across Atlantic Coastal Wetlands: Reconciling Mechanisms to Improve Earth System Models	$0	$0	$91,089
26	2018-03-03-26	HE/University of Delaware	Collaborative Research: CyberTraining: CIC: Training Future Cyberinfrastructure Contributors in the GEO Sciences	$157,928	$0	$0

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27	2018-03-03-27	HE/University of Delaware	Smartenius: A Nanocomposite Based Sensing System for Damage Detection and Structural Monitoring of Infrastructure	$0	$0	$19,999
28	2018-03-03-28	HE/University of Delaware	Sage Smart Garden, LLC	$0	$0	$5,000
29	2018-03-03-29	HE/University of Delaware	Parenting Plus: Expanding The Evidence-Base	$0	$0	$49,885
30	2018-03-03-30	HE/University of Delaware	Breaking Down and Building Up Bacterial Cell Walls to Understand Inflammation	$0	$0	$75,000
31	2018-03-03-31	HE/University of Delaware	Collaborative Research: Assessing the Modulation of Langmuir Circulations by the Atmospheric Surface Layer through Coordinated Simulations and Laboratory Measurements	$321,558	$0	$0
32	2018-03-03-32	HE/University of Delaware	ISS: Growing Functional Salivary Gland Units in Space	$203,899	$0	$0
33	2018-03-03-33	HE/University of Delaware	Rewiring Biomass Conversion with Engineered Microbial Consortia Targeting Product-Chain Elongation and Complete Carbon Utilization	$1,923,077	$0	$0
34	2018-03-03-34	HE/University of Delaware	NIST SURF 2018 Gaithersburg	$38,000	$0	$0
35	2018-03-03-35	HE/University of Delaware	Talocrural Joint Laxity: A Comparison of Imaging Methods	$0	$0	$2,376
36	2018-03-03-36	HE/University of Delaware	Highly Efficient and Marker-Free Capture of Breast Cancer Cells in Blood Sample	$343,800	$0	$0
37	2018-03-03-37	HE/University of Delaware	The Impact of Health Coaching on Bariatric Patient Outcomes	$0	$0	$34,000
38	2018-03-03-38	HE/University of Delaware	SENTINEL: SENsing Threats In Natural Environments using Ligand-receptor modules	$0	$0	$367,615
39	2018-03-03-39	HE/University of Delaware	Career Objectives & Personal Goals for Program	$0	$0	$163,680
40	2018-03-03-40	HE/University of Delaware	Glider Deployment in the White Shark Cafe	$0	$0	$30,927
41	2018-03-03-41	HE/University of Delaware	Investigation of the Cataract Pathobiology in Tdrd7 Knockout Mice	$0	$0	$2,500
42	2018-03-03-42	HE/University of Delaware	Thresholds 2018: Identifying Thresholds in Coupled Biogeochemical-Biological-economic Systems Under Multiple Stressors	$0	$0	$144,230
43	2018-03-03-43	HE/University of Delaware	Functional Garments to Improve Mobility	$1,332,251	$0	$0
44	2018-03-03-44	HE/University of Delaware	Collaborative Research: Droplet Transport in the Vicinity of Breaking Waves: Experiments and Simulations	$360,756	$0	$0
45	2018-03-03-45	HE/University of Delaware	KSU/USDA AFB Camps Crouse 2018	$0	$0	$30,636

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46	2018-03-03-46	HE/University of Delaware	Phase Separation and Constituent Density Profiles in Nanostructured Polymer Electrolytes - Joint Experiment and Theory Effort in Tunable Hierarchical Assembly	$263,685	$0	$0
47	2018-03-03-47	HE/University of Delaware	Complex Syntax Intervention and Science Learning in Young Children In Poverty With and Without Developmental Language Disorder	$300,000	$0	$0
48	2018-03-03-48	HE/University of Delaware	Unagi-Based Encoded Fluorescent Protein Kinase Sensors	$275,000	$0	$0
49	2018-03-03-49	HE/University of Delaware	Acquisition of Goods and Services	$20,000	$0	$0
50	2018-03-03-50	HE/University of Delaware	Expanding Utility of NERRS Data and Resources for Acidification Monitoring in the U.S. Southeast	$0	$0	$76,370
51	2018-03-03-51	HE/University of Delaware	APP-FASD: Application of Primary Prevention against Fetal Alcohol Spectrum Disorders (FASD)	$322,944	$0	$0
52	2018-03-03-52	HE/University of Delaware	Physiological Mechanisms Linking Divorce and Poor Health	$280,197	$0	$0
53	2018-03-03-53	HE/University of Delaware	Biad Kamiski 18	$0	$0	$3,170
54	2018-03-03-54	HE/University of Delaware	Thermal Transport in SiC and Diamond Based Composites	$0	$0	$95,000
55	2018-03-03-55	HE/University of Delaware	Neural Processing of Mouse Social Communication	$0	$0	$24,038
56	2018-03-03-56	HE/University of Delaware	Complete Periastron Coverage of the 50-Year Binary PSR J2032+4127/ MT91 213	$23,910	$0	$0
57	2018-03-03-57	HE/University of Delaware	NSF LEAP HI: Embedding Regional Hurricane Risk Management in the Life of a Community: A Computational Framework	$1,668,524	$0	$0
58	2018-03-03-58	HE/University of Delaware	Cyber Training CIC: Resilience Engineering for the Scalable Adaptive Advancement of the Cyberinfrastructure Workforce	$329,018	$0	$0
59	2018-03-03-59	HE/University of Delaware	Collaborative Research: Graduate Student Math Modeling Camp Enhances Industrial Mathematical Training	$205,430	$0	$0
60	2018-03-03-60	HE/University of Delaware	Predictive Approaches to Biophysical Property Assessment of Protein Pharmaceuticals	$0	$0	$16,100
61	2018-03-03-61	HE/University of Delaware	Data-Base: Drug, Alcohol and Tobacco Awareness Through Behavioral Communications and Accessibility to Screening and Education	$317,876	$0	$0
62	2018-03-03-62	HE/University of Delaware	Multi-Muscle Magnetic Resonance Elastography (MM-MRE) to Study the Neuromuscular Control of Joint Stiffness	$400,000	$0	$0
63	2018-03-03-63	HE/University of Delaware	Tools for Cell Labeling and Drug Delivery Using Photocatalytic Activation of Tetrazine Ligation	$275,000	$0	$0
64	2018-03-03-64	HE/University of Delaware	Georgia Coastal Ecosystems Long Term Ecological Research Phase IV Renewal	$0	$0	$114,000

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65	2018-03-03-65	HE/University of Delaware	Streambank Legacy Sediment Restoration: A Comparison of Restoration Techniques for Water Quality Improvement Adopted for Gramies Run, Maryland and Big Spring Run, PA.	$0	$0	$210,485
66	2018-03-03-66	HE/University of Delaware	Ownership and Vulnerability of Priority Migratory Bird Stopover Habitat on the Gulf of Mexico	$0	$0	$28,542
67	2018-03-03-67	HE/University of Delaware	Non-Volatile Photonic Memory for Optical Neuromorphic Chips	$354,615	$0	$0
68	2018-03-03-68	HE/University of Delaware	NSF Collaborative Research: Multi-Perspective Evacutation Performance Measurement Supplement	$0	$0	$17,565
69	2018-03-03-69	HE/University of Delaware	Antecedents and Consequences of Fear of Cancer Recurrence: A Longitudinal Study of Breast Cancer Patients and Primary Support Partners	$2,971,461	$0	$0
70	2018-03-03-70	HE/University of Delaware	NRI:INT: Multi-Scale Cooperative Robot Deployment in Hazardous Environments	$1,093,873	$0	$0
71	2018-03-03-71	HE/University of Delaware	Mechanical and Genetic Regulation of Multiscale Smooth Muscle Contractions that Drive Airway Morphogenesis	$15,000	$0	$0
72	2018-03-03-72	HE/University of Delaware	Studies for Developing Sustainable Crop-Livestock Systems Involving Free-Range Poultry and Dual-Purpose Teff (Eragrostis Tef) for Small Scale Producers in the Mid-Atlantic Region	$0	$0	$10,815
73	2018-03-03-73	HE/University of Delaware	Information Sciences: Computing Sciences: Intelligent Systems: Cooperative Perception for Networked Aerial Vehicles	$271,357	$0	$0
74	2018-03-03-74	HE/University of Delaware	Impact of Genetically Engineered Maize on the Immune Response of Diaborotica Virgifera Virgifera Larvae to Soil Entomopathogens	$418,125	$0	$0
75	2018-03-03-75	HE/University of Delaware	A Concrete Additive Manufacturing Process for Fixed and Floating Wind Turbine Foundations and Towers	$0	$0	$6,375
76	2018-03-03-76	HE/University of Delaware	Robotics for Agricultural Enviro-Editing: Engineering Crops' Genomic Response the to the Environment	$1,407,543	$0	$0
77	2018-03-03-77	HE/University of Delaware	Targeted Admixture Design Based on Fundamentals of Particle-Polymer-Pore Fluid Interaction for Changing Binder Chemistry and Next Generation Construction Processes	$1,402,860	$0	$0
78	2018-03-03-78	HE/University of Delaware	2018 American Councils DOS ECA National Security Language Initiative for Youth-Short Term Summer Programs in China	$0	$0	$257,992
79	2018-03-03-79	HE/University of Delaware	The Role of Statistical Learning in the Atypical Language Development in ASD	$300,000	$0	$0
80	2018-03-03-80	HE/University of Delaware	Role of Potato-Derived Resistant Starch on the Gut Microbiota and Vascular Function	$0	$0	$183,284
81	2018-03-03-81	HE/University of Delaware	Oligonucleotide Analysis	$0	$0	$51,695
82	2018-03-03-82	HE/University of Delaware	Integrated Barrier Island Systems (IBIS) Management Project Phase I: Sediment Fluxes and Trapping Dynamics around Fishing Point, Southern Assateague Island, VA	$0	$0	$97,351
83	2018-03-03-83	HE/University of Delaware	Production of Environmentally-Acceptable BioLubricants for Hydropower Applications	$0	$0	$41,572

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84	2018-03-03-84	HE/University of Delaware	Spatio-Temporal Risk Mapping of Avian Influenza for Food Security Using Earth Observation Data	$0	$0	$70,920
85	2018-03-03-85	HE/University of Delaware	New Roles for Reactive Oxygen Species in Mediating Carbon Fluxes at the Terrestrial-Aquatic Interface	$0	$0	$149,843
86	2018-03-03-86	HE/University of Delaware	NSF Algebraic Methods in Combinatorics and Finite Geometry	$3,500	$0	$0
87	2018-03-03-87	HE/University of Delaware	Development of Innovative Passive and Sustainable Treatment Technologies for Energetic Compounds in Surface Runoff on Active Ranges	$0	$0	$227,434
88	2018-03-03-88	HE/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	$82,950
89	2018-03-03-89	HE/University of Delaware	Design Automation Software for Integrated Nanophotonics	$0	$0	$48,077
90	2018-03-03-90	HE/University of Delaware	Nutrient Management Education Program FY 2018	$0	$0	$34,483
91	2018-03-03-91	HE/University of Delaware	Evaluation of Rhizobacteria, Cover Crops, Organic Herbicides, and Reduced Tillage on Weed Control in Cucurbit Species	$0	$0	$70,312
92	2018-03-03-92	HE/University of Delaware	Detection of Chromosomal Translocations by Single Molecule RNA Imaging	$239,349	$0	$0
93	2018-03-03-93	HE/University of Delaware	The Center for Nitrogen Recycling	$0	$0	$144,768
94	2018-03-03-94	HE/University of Delaware	Smart Automation of Garden Monitoring and Maintenance (Sage Garden)	$45,000	$0	$0
95	2018-03-03-95	HE/University of Delaware	SCC: A Sociotechnical Systems and Institutional Framework for Energy-Efficient Mobility of Connected Communities	$1,491,252	$0	$0
96	2018-03-03-96	HE/University of Delaware	Developing a Functional Marker Gene for Fe Oxidation	$288,700	$0	$0
97	2018-03-03-97	HE/University of Delaware	A Novel Carbon Nanotube-Based Sensor for Fatigue Crack Detection and Monitoring	$0	$0	$20,081
98	2018-03-03-98	HE/University of Delaware	Service and Maintenance of the Gray's Reef Ocean Acidification Mooring: In Support of NOAA Ocean Acidification Program FY18-20	$153,375	$0	$0
99	2018-03-03-99	HE/University of Delaware	UT/USDA SCRI Kunkel 2018	$0	$0	$218,317
100	2018-03-04-01	HE/University of Delaware	Secondary Analyses of RCT Data on Infant Formula and Nutritional Programming.	$0	$0	$40,988
101	2018-03-04-02	HE/University of Delaware	A Study of Multisystem Interactions in Infants at Risk for Autism.	$1,976,300	$0	$0
102	2018-03-04-03	HE/University of Delaware	New Castle County Police Dept. -- Hero Help Program	$0	$0	$12,712

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103	2018-03-04-04	HE/University of Delaware	Service and Maintenance of the Chesapeake Bay Ocean Acidification Mooring: In Support of National Ocean Acidification Observing Network (NOA-ON) Program FY18-20	$84,000	$0	$0
104	2018-03-04-05	HE/University of Delaware	AROD-LTD Year 3 Trade Agreement Analysis	$0	$0	$16,000
105	2018-03-04-06	HE/University of Delaware	CCI Phase I: NSF Center for Transformative Catalysis	$1,490,771	$0	$0
106	2018-03-04-07	HE/University of Delaware	Harnessing the Power of Phase Interactions in the Design of Supramolecular Interpenetrating Networks	$147,535	$0	$0
107	2018-03-04-08	HE/University of Delaware	Individual Breastfeeding Support with Contingent Incentives for Low-Income Black and Puerto Rican Mothers	$2,249,954	$0	$0
108	2018-03-04-09	HE/University of Delaware	Multiscale Mechanical Function and Damage in an In Vivo Model of Tendinosis	$275,000	$0	$0
109	2018-03-04-10	HE/University of Delaware	Letter of Intent - Multi-Decadal Gray's Reef Mooring Data Synthesis: Mechanistic Drivers and Gap-Filling Prediction for Acidification at the Mooring and South Atlantic Bight Shelf	$60,000	$0	$0
110	2018-03-04-11	HE/University of Delaware	Evaluating the Efficacy of Using Translocation and Parent-Reared Chicks to Recover Bobwhite Populations in Mid-Atlantic States	$0	$0	$27,799
111	2018-03-04-12	HE/University of Delaware	Reducing Stormwater Runoff and Pollutant Loading with Biochar Addition to Highway Greenways	$0	$14,000	$64,550
112	2018-03-04-13	HE/University of Delaware	Mechanical Integrity of Memory Systems in Mild Cognitive Impairment	$1,784,439	$0	$0
113	2018-03-04-14	HE/Delaware State University	An Experiential Learning Opportunity in the Performing Arts at DSU on May 21-June 9, 2018	$30,000	$0	$0
114	2018-03-04-15	HE/Delaware State University	SUMOylation in Alpha-synuclein as a Regulatory Target in Lewy Body Formation	$438,000	$0	$0
115	2018-03-04-16	HE/Delaware State University	Partnership for Research and Education : Layered Inorganic Material	$3,265,145	$0	$0
116	2018-03-04-17	HE/Delaware State University	Central Cholinergic Synaptic Transmission Across the Lifespan	$1,913,096	$0	$154,542
117	2018-03-04-18	HE/Delaware State University	Novel Air Monitoring Technologies for Assessing Air-Quality in the State of Delaware	$14,980	$0	$0
118	2018-03-04-19	HE/Delaware State University	MRI: Acquisition of a Multiphoton Confocal Microscope for Research & Education at DSU	$841,552	$0	$0
119	2018-03-04-20	HE/Delaware State University	NRT-INFEWS-Sensing Natural Systems	$693,434	$0	$0

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Delaware State Clearinghouse Committee
April Agenda

April 24, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	3519	Executive, Criminal Justice, Criminal Justice Council	Sex Offender Registration and Notification Act Reallocation	$68,712	$0	$0	0.00	0.00	0.00
2	2018-02-14-02	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	Pfizer Foundation Opioid Grant Programming	$0	$0	$500,000	0.00	0.00	0.00
3	3527	Department of Agricultures, Plant Industries	Spotted Lanternfly Survey and Outreach	$75,000	$0	$0	0.00	0.00	0.00
Continued									
4	3509	Department of Health and Social Services, Public Health, Community Health	Medical Monitoring Project	$311,482	$0	$0	0.80	0.00	0.00
5	3525	Department of Health and Social Services, Public Health, Community Health	Pregnancy Risk Assessment Monitoring System	$136,128	$137,284	$0	2.00	0.74	0.00
6	3529	Department of Health and Social Services, Public Health, Community Health	National Cancer Prevention and Control Program	$1,668,244	$502,565	$0	7.27	3.82	0.00
7	3531	Department of Health and Social Services, Public Health, Community Health	Sudden Death in the Young Registry	$55,000	$0	$0	0.00	0.00	0.00
8	3532	Department of Health and Social Services, Public Health, Community Health	Development, Maintenance and Enhancement of Early Hearing Detection and Intervention System Surveillance Programs	$145,874	$0	$0	0.00	0.00	0.00
9	3533	Department of Health and Social Services, Public Health, Community Health	Integrating Colorectal Cancer Screening	$1,362,953	$0	$0	4.98	0.00	0.00
10	3555	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Permanent Housing for Adults with Psychiatric Disabilities (FY 15)	$182,446	$8,720	$0	0.00	0.00	0.00
11	3556	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Permanent Housing for Adults with Psychiatric Disabilities (FY 16)	$182,446	$8,720	$0	0.00	0.00	0.00
12	3521	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Fisheries Research Vessel	$143,463	$47,821	$0	0.50	0.70	0.00
13	3522	Department of Safety and Homeland Security, Office of the Secretary, Communications	State and Local Implementation Grant Program	$550,668	$137,667	$0	0.00	0.29	0.00
14	3528	Department of Agriculture, Plant Industries	Farm Bill - Honey Bee Survey	$13,800	$0	$0	0.00	0.00	0.00
Higher Education									
1	2018-04-07-01	HE/University of Delaware	Developmental Monitoring & Language	$0	$0	$556,113			
2	2018-04-07-02	HE/University of Delaware	In Silico Prediction of Fate and Ecological Risk-Determining Properties of Per- and Polyflouroalykl Substances	$0	$0	$245,808			
3	2018-04-07-03	HE/University of Delaware	Mechanism and Function of TMEM14 Proteins in Vertebrate Heme Synthesis	$19,168	$0	$0			
4	2018-04-07-04	HE/University of Delaware	CRISP 2.0 Type 2: Understanding Impacts of Population Behavior during a Biological Emergency Event: Service Flow Interdependencies of Public Health, Emergency Services, and Transportation Systems (InPHESTS)	$1,183,548	$0	$0			
5	2018-04-07-05	HE/University of Delaware	Biology, Management and Slowing the Spread of the Spotted Lanternfly on Grapes and Tree Fruit in the Mid-Atlantic Region	$0	$0	$232,769			

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6	2018-04-07-06	HE/University of Delaware	RWJF Financial Coaching for Health Equity in Rural Delaware	$0	$0	$350,000
7	2018-04-07-07	HE/University of Delaware	Mixing in the Texas Coastal Zone through Coordinated Simulations and Field Measurements: The Role of Langmuir Cells in Sediment Suspension and Oil-mineral Aggregation	$0	$0	$40,707
8	2018-04-07-08	HE/University of Delaware	RII Track-4: Multiple Global Change Factors Control Forest Nitrogen Cycling - Remote Sensing and Machine Learning Identify Forest Function Across Developed Landscapes	$144,218	$0	$0
9	2018-04-07-09	HE/University of Delaware	A1: Early Detection of Circulating Tumor Cell Using Carbon Nanomaterials	$286,962	$0	$0
10	2018-04-07-10	HE/University of Delaware	LIVESTRONG at the YMCA	$0	$0	$30,087
11	2018-04-07-11	HE/University of Delaware	NASA SBIR/STTR 2018 MSSE Testing of Lightweight, Impact-Resistant, Hybrid Composites with STF Energy Absorbing Layers	$0	$0	$29,023
12	2018-04-07-12	HE/University of Delaware	High Energy Density Lithium-Carbon Dioxide Batteries for Venus Missions	$0	$0	$22,663
13	2018-04-07-13	HE/University of Delaware	RII Track-4: Developing Coastal Resilience Strategies through Interdisciplinary Design	$108,411	$0	$0
14	2018-04-07-14	HE/University of Delaware	CIF:Small:Coded Aperture Spectral X-Ray Tomography	$12,000	$0	$0
15	2018-04-07-15	HE/University of Delaware	Collaborative Research: Capturing 4D Variations in Stress, Slip, and Fault-Zone Material Properties: The 2019-2021 Gofar Transform Fault Earthquake Prediction Experiment	$155,336	$0	$0
16	2018-04-07-16	HE/University of Delaware	A Next Generation Method for Assessing Park Usage and Environmental Context	$275,000	$0	$0
17	2018-04-07-17	HE/University of Delaware	Fabrication, Characterization and Performance Evaluation of Aligned Short Fiber Composites	$0	$0	$32,051
18	2018-04-07-18	HE/University of Delaware	Generation Connection and Health	$0	$0	$342,662
19	2018-04-07-19	HE/University of Delaware	RII Track-4: Terahertz Spintronics	$176,210	$0	$0
20	2018-04-07-20	HE/University of Delaware	Mechanisms Regulating Inflammation After Cataract Surgery	$0	$0	$2,058
21	2018-04-07-21	HE/University of Delaware	Supported Living Transition Support and Research - YR 2	$0	$0	$27,559
22	2018-04-07-22	HE/University of Delaware	Permafrost Modeling in the Dry Andes, Argentina	$0	$0	$27,585
23	2018-04-07-23	HE/University of Delaware	Richenthal Foundation Support for 12th Night Robbins 2018	$0	$0	$7,500
24	2018-04-07-24	HE/University of Delaware	Extreme Energy Particle Astrophysics with ANITA-V [University of Delaware] Co-I	$317,327	$0	$0

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25	2018-04-07-25	HE/University of Delaware	Elucidating the Role of the Microbiome on Disease Resistance in the Eastern Oyster	$0	$0	$1,000
26	2018-04-07-26	HE/University of Delaware	Decoding the Brain's Response to Social Cues	$0	$0	$1,000
27	2018-04-07-27	HE/University of Delaware	Div. of Health and Human Services, Admin. For Children and Families, Administration on Developmental Disabilities, Center for Disabilities (Yr 2 of 5 Year grant)	$506,481	$0	$0
28	2018-04-07-28	HE/University of Delaware	Sustainable Management of Honey Bees by Maximizing Queen Longevity	$202,333	$0	$0
29	2018-04-07-29	HE/University of Delaware	EAGER: Collaborative Research: Bleaching Phenotypes of Acute vs. Chronic Coral Bleaching Susceptibility and Resilience: Towards a Standardized Coral Resilience Diagnostic	$86,871	$0	$0
30	2018-04-07-30	HE/University of Delaware	CMOS Compatible, Optically Upconverted, Multifunctional Phased Array System (COMPS)	$537,853	$0	$0
31	2018-04-07-31	HE/University of Delaware	Biomolecular Interaction Technologies Fiscal Year 2018	$0	$0	$110,001
32	2018-04-07-32	HE/University of Delaware	UNOLS Office Hosting	$5,701,480	$0	$0
33	2018-04-07-33	HE/University of Delaware	Molecular Mechanism of Ciliogenesis	$0	$0	$1,000
34	2018-04-07-34	HE/University of Delaware	MicroRNA-124 Regulates the Delta/Notch Signaling Pathway to Control Mesodermal Cell Fate Specification	$0	$0	$1,000
35	2018-04-07-35	HE/University of Delaware	Derivatin of Amino Acid Racemizatin Rates of Planktonic Foraminfera and Application to Paleothermpemty	$0	$0	$960
36	2018-04-07-36	HE/University of Delaware	Syntrophic Co-Cultures of Clostridium Organisms to Produce Higher Alcohols & Other C6-C8 Metabolites	$1,089,140	$0	$0
37	2018-04-07-37	HE/University of Delaware	UH /AFOSR - A Highly Efficient Multi-Dimensional Semi-Lagrangian Discontinuous Galerkin Method for Vlasov Simulations	$0	$0	$46,311
38	2018-04-07-38	HE/University of Delaware	Evaluating the Availability of a Rumen Protected Methionine Prototype	$0	$0	$45,919
39	2018-04-07-39	HE/University of Delaware	A VERITAS/Breakthrough Listen Collaborative Program	$0	$0	$51,315
40	2018-04-07-40	HE/University of Delaware	Plasmonic Photocatalytic Activity of Graphene-Titania Nanostructures	$0	$0	$110,000
41	2018-04-07-41	HE/University of Delaware	Engineering Functional Defects in Layered Metal Chalcogenides	$0	$0	$110,000
42	2018-04-07-42	HE/University of Delaware	Physiological, Psychological, and Genomic Factors that Predict the Transition from Acute to Chronic Pain in Patients with Traumatic Lower Extremity Fracture.	$0	$0	$1,008,537
43	2018-04-07-43	HE/University of Delaware	Production of ABR Products	$0	$0	$3,557

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44	2018-04-07-44	HE/University of Delaware	Stewardship Assistant Intern	$0	$0	$5,000
45	2018-04-07-45	HE/University of Delaware	Simultaneous Biological and Chemical Sampling of Atmospheric Aerosols Using Dynamic, Self-Contained Lung Replicas	$55,000	$0	$0
46	2018-04-07-46	HE/University of Delaware	An Artificial Intelligence (AI) Traffic Data Analysis Tool for Advanced Traffic Management	$0	$0	$16,026
47	2018-04-07-47	HE/University of Delaware	Synthetic C1-Trophy: System-Level Engineering of a Universal One-Carbon (C1) Utilization Pathway	$0	$0	$228,433
48	2018-04-07-48	HE/University of Delaware	Center for the Study of Surface Interactions of Gases in Adsorptive Systems	$0	$0	$599,312
49	2018-04-07-49	HE/University of Delaware	A Comprehensive Study to Analyze Existing Transit Networks and Propose Changes that Align with Future Development in the City of Newark in Ways That Maximize the Efficiency and Effectiveness of Transit Service.	$0	$0	$149,747
50	2018-04-07-50	HE/University of Delaware	Delaware INBRE	$14,574,844	$0	$0
51	2018-04-07-51	HE/University of Delaware	Development of a Diazotrophic Platform Cyanobacterial Strain for the Production of Advanced Biofuels and Nitrogen Containing Petrochemical Replacement Compounds.	$0	$0	$149,689
52	2018-04-07-52	HE/University of Delaware	Neural Signatures of Memory-Guided Attentional Selection Revealed using Oculomotor Measures	$177,222	$0	$0
53	2018-04-07-53	HE/University of Delaware	A Randomized Control Trial Evaluating the Effectiveness of the Get aHEAD Safely in Soccer-Heading Intervention for Improving Safe Play and Reducing Concussion in Youth Soccer Players	$0	$0	$500
54	2018-04-07-54	HE/University of Delaware	Evaluating the Efficacy of Ashwagandha Taffy on Stress Relief: a Pre- and Post-Intervention Study	$0	$0	$61,778
55	2018-04-07-55	HE/University of Delaware	Oklahoma ABC Training Dozier	$0	$0	$37,800
56	2018-04-07-56	HE/University of Delaware	Neuromuscular Electrical Stimulation as Complementary Intervention for Achilles Tendon Rupture Rehabilitation	$0	$0	$68,104
57	2018-04-07-57	HE/University of Delaware	Collaborative Research: Graduate Student Math Modeling Camp Enhances Industrial Mathematical Training	$206,930	$0	$0
58	2018-04-07-58	HE/University of Delaware	Comparative Biology and Ecology of Pterois Lionfishes in their Native (Moorea) Versus Invaded (Western Atlantic) Ranges	$0	$0	$5,528
59	2018-04-07-59	HE/University of Delaware	Finding Convergence Among Cognitive and Neuroscience Markers of Executive Function in Cancer Related Cognitive Deficits	$0	$0	$44,812
60	2018-04-07-60	HE/University of Delaware	Long Term Bridge Performance (LTBP) Program - Phase 3: Weathering Steel Performance Data Collection	$0	$0	$509,962
61	2018-04-07-61	HE/University of Delaware	Profiles and Progress in Spanish English Bilinguals with Language Impairment: Development of a Criterion Reference Measure	$0	$0	$246,505
62	2018-04-07-62	HE/University of Delaware	Concept Systems SIM State-Led Evaluation by DHSS HSS-15-055	$0	$0	$71,875

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63	2018-04-07-63	HE/University of Delaware	TWC: Small: Collaborative: Reputation-Escalation-as-a-Service: Analyses and Defenses	$16,000	$0	$0
64	2018-04-07-64	HE/University of Delaware	The Xpert Network: Synergizing National Expert-Assistance and Tool-Support Teams for Computational and Data-Intensive Science	$210,982	$0	$0
65	2018-04-07-65	HE/University of Delaware	Spouse Involvement in Everyday Type 2 Diabetes Care: Interactive Effects on Glycemic Regulation Measured with Continuous Glucose Monitoring	$120,484	$0	$0
66	2018-04-07-66	HE/University of Delaware	Influence of Motor Training on Low Back Pain and Gait After Bariatric Surgery	$0	$0	$2,497
67	2018-04-07-67	HE/University of Delaware	Engineering Brace Roots for Lodging-Resistance	$506,096	$0	$0
68	2018-04-07-68	HE/University of Delaware	Flow of Structuring Gels	$0	$0	$89,744
69	2018-04-07-69	HE/University of Delaware	Additive Manufacturing of Structurally Integrated Metamaterial Antennas	$1,224,289	$0	$0
70	2018-04-07-70	HE/University of Delaware	Race, Social Class, and Pain: Testing a Perceptual Intervention to Reduce Inequalities in Pain Care	$0	$0	$19,998
71	2018-04-07-71	HE/University of Delaware	New Castle County 4-H Youth Development Programming	$0	$0	$83,999
72	2018-04-07-72	HE/University of Delaware	Stochastic Inference and Control of Complex Biological Networks	$5,000	$0	$0
73	2018-04-07-73	HE/University of Delaware	CAREER: Engineering Thermal Energy Transport Using Embedded Nanoparticles	$4,000	$0	$0
74	2018-04-07-74	HE/University of Delaware	Iowa Army Two Color SLEDS Array Engineering Change Proposal Kiamilev	$0	$0	$23,483
75	2018-04-07-75	HE/University of Delaware	Porting the MPS/University of Chicago Radiative MHD Models to GPUs Using OpenACC	$0	$0	$38,924
76	2018-04-07-76	HE/University of Delaware	SRCD Immigrant Assimilation and Social Support During Adolescence on Psychological Well-Being and Assimilation in Childhood	$0	$0	$7,500
77	2018-04-07-77	HE/University of Delaware	Breast Cancer Survivors: SES, Social Support, Cortisol, and Inflammation	$0	$0	$657,820
78	2018-04-07-78	HE/University of Delaware	Interaction Dynamics and the Development of Structure in Ti-Pure System	$0	$0	$263,204
79	2018-04-07-79	HE/University of Delaware	Determining if Nelson's Sparrows Reproductive Success Differs Between Mendall Marsh and a Reference Site	$0	$0	$118,382
80	2018-04-07-80	HE/University of Delaware	NeTS: Medium: Collaborative Research: In-Band Full-Duplex Underwater Acoustic Networks	$16,000	$0	$0
81	2018-04-07-81	HE/University of Delaware	Understanding Liquid Phase Tandem Reactions on Zeolite Encapsulated Metal Nanoparticles for Biomass Upgrading	$527,400	$0	$0

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82	2018-04-07-82	HE/University of Delaware	Christine Hirt DE Sea Grant Knauss Fellowship 2019	$61,500	$0	$0
83	2018-04-07-83	HE/University of Delaware	Lane Johnston DE Sea Grant Knauss Fellowship 2019	$61,500	$0	$0
84	2018-04-07-84	HE/University of Delaware	J. Scott Borsum DE Sea Grant Knauss Fellowship 2019	$61,500	$0	$0
85	2018-04-07-85	HE/University of Delaware	Leadership Development Training for People with Intellectual and Other Developmental Disabilities (I/DD), Parents, Professionals and Other Stakeholders	$0	$0	$175,000
86	2018-04-07-86	HE/University of Delaware	Full-Scale In-Situ Gas Tracer Tests for Better Landfill Management	$0	$0	$23,999
87	2018-04-07-88	HE/Delaware State University	Excellence in Research: Investigation of Enhancer-Free Photogenerated Single Oxygen	$498,941	$0	$0
88	2018-04-07-89	HE/Delaware State University	Excellence in Research: Bandgap Engineering in Layered Ternary Chalcogenides	$436,386	$0	$0
89	2018-04-07-90	HE/Delaware State University	Rapid Detection of Salmonella Typhimurium by Mircrofluidic Based Devices with Surface Enhanced Raman Spectroscopy	$800,088	$0	$0
90	2018-04-07-91	HE/Delaware State University	Understanding the Effect of Combined Abiotic and Biotic Stresses on Chromatin Accessibility and Transcriptome in Common Bean	$501,317	$0	$0
91	2018-04-07-92	HE/Delaware State University	Population Dynamics and Trophic Role of Mysids in DE Bay, MD Coastal Lagoons, and Wilminton River Estuary, Georgia	$221,000	$0	$0
92	2018-04-07-93	HE/Delaware State University	Molecular Understanding of Functional Differences in Plants for Tolerance to Varying Soil pH Conditions	$999,061	$0	$0
93	2018-04-07-94	HE/Delaware State University	Self-Compression of Ultrashort Pulses in Solition Cavity: Reaching the Extreme Light	$996,981	$0	$0
94	2018-03-29-02	HE/Delaware State University	International Science and Technology Academy for Research Scholars (I-STARS) 2018	$26,500	$0	$0
95	2018-04-07-87	HE/Delaware State University	Cooperative Extension at 1890 Land Grant Institution - DSU	$1,186,766	$0	$0
96	2018-04-07-95	HE/Delaware State University	A Value Chain Approach to Expanding Production and Marketing of Ethnic Produce in Delaware	$43,345	$0	$0
97	2018-04-07-96	HE/Delaware State University	Targeted Nanoparticles to Deliver Tumor Suppressor Proteins for Cancer Treatment	$112,368	$0	$0
98	2018-04-07-97	HE/Delaware State University	A Consortium for Laser Based Analysis of Nuclear & Environmental Materials (LANEM Consortium)	$898,920	$0	$0
99	2018-04-07-98	HE/Delaware State University	Developing a Profitable Organic Blueberry Production System in Underserved Communities of Delaware to enter a Specialty Market	$49,978	$0	$0
100	3132 Amendment	Delaware Technical Community College	FY18 Federal Direct Student Loan Program	$14,839,299	$0	$0

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101	3536	Delaware Technical Community College	FY19 PELL DTCC	$19,940,249	$0	$0

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Delaware State Clearinghouse Committee
May Agenda

June 1, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	3026 Amendment	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children Program	$900,317	$0	$0	8.19	0.00	0.00
~~2~~	~~3553~~	~~Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship~~	~~Food Waste Reduction Project~~	~~$62,226~~	~~$20,743~~	~~$0~~	~~0.00~~	~~0.25~~	~~0.00~~
3	3575	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Regional Conservation Needs	$85,255	$89	$45,817	0.00	0.00	0.00
4	3557	Department of Education	Improving Student Health and Academic Achievement	$2,000,000	$0	$0	1.00	0.00	0.00
Continued									
5	2018-03-02-01	Executive, Delaware State Housing Authority	Housing Trust Fund	$3,000,000	$0	$0	0.00	0.00	0.00
6	3506	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant	$1,610,133	$112,739,148	$0	1.00	0.00	0.00
7	3517	Department of Health and Social Services, Social Services	Social Services Block Grant	$4,662,202	$0	$0	14.55	0.00	0.00
8	3520	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
9	3524	Department of Health and Social Services, Social Services	Child Care Development Fund - Matching	$4,720,000	$4,720,000	$0	0.00	0.00	0.00
10	3530	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Nutrition Education	$1,076,476	$0	$0	0.00	0.00	0.00
11	3539	Department of Health and Social Services, Public Health, Community Health	State Office of Rural Health	$172,000	$1,335,357	$0	1.25	0.00	0.00
12	3552	Department of Health and Social Services, Social Services	Child Care Development Fund - Discretionary	$7,698,801	$0	$0	9.87	0.00	0.00
13	3554	Department of Health and Social Services, Public Health, Community Health	Grants to States to Support Oral Health Workforce	$1,587,328	$685,568	$0	0.00	1.20	0.00
14	3562	Department of Health and Social Services, Administration, Management Services	Infants and Toddlers with Disabilities	$2,247,675	$5,750,300	$0	8.00	33.50	0.00
15	3027 Amendment	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children Program - Prevention and Public Health Funds	$908,233	$0	$0	7.20	0.00	0.00
16	3029 Amendment	Department of Health and Social Services, Public Health, Community Health	Title X Family Planning Services	$475,000	$348,424	$0	4.00	5.80	0.00
17	3097 Amendment	Department of Health and Social Services, Public Health, Community Health	Public Health Approaches to Ensuring Quitline Capacity	$50,000	$0	$0	0.00	0.00	0.00
18	3317 Amendment	Department of Health and Social Services, Public Health, Community Health	State Public Health Actions to Prevent and Control Diabetes, Heart Disease, Obesity and Associated Risk Factors and Promote School Health - Enhanced Diabetes and Heart and Stroke Components	$116,336	$0	$0	0.00	0.00	0.00
19	3535	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Shellfish Sanitation	$5,000	$0	$0	0.00	0.00	0.00
20	3574	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Artificial Reef Program	$3,000,000	$0	$1,000,000	1.00	0.00	0.00
21	3577	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Investigations - Surveys	$27,717	$9,240	$0	0.06	0.09	0.00

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22	3571	Safety and Homeland Security, State Police, Executive	Asset Forfeiture/Justice	$5,000,000	$0	$0	0.00	0.00	0.00
23	3572	Safety and Homeland Security, State Police, Executive	Asset Forfeiture/Treasury	$1,500,000	$0	$0	0.00	0.00	0.00
24	3576	Department of Agriculture, Agricultural Lands Preservation Foundation	Agricultural Conservation Easement Program	$1,400,000	$1,400,000	$0	0.00	0.00	0.00
25	3537	Delaware Technical Community College, Office of the President	Federal Supplemental Educational Opportunity Grant	$363,678	$99,071	$0	0.00	0.00	0.00
26	3538	Delaware Technical Community College, Office of the President	Federal Work Study	$375,524	$62,510	$0	0.00	0.00	0.00
27	3541	Department of Education	Migrant Education Program Consortium Incentive	$133,333	$0	$0	0.00	0.00	0.00
28	3542	Department of Education	Title I, Part C - Migrant Education	$294,592	$0	$0	1.30	0.00	0.00
29	3543	Department of Education	Education for Homeless Children and Youth	$249,625	$0	$0	0.15	0.00	0.00
30	3544	Department of Education	Title I, Part D - Prevention and Intervention Programs for Children and Youth Who are Neglected, Delinquent or At-Risk	$573,425	$0	$0	0.00	0.00	0.00
31	3547	Department of Education	Adult Basic Education	$1,681,548	$854,681	$0	0.10	0.00	0.00
32	3548	Department of Education	State Assessments and Related Activities	$3,576,854	$0	$0	1.70	0.00	0.00
33	3549	Department of Education	Title IV, Part B - 21st Century Community Learning Centers	$5,839,198	$0	$0	0.80	0.00	0.00
34	3563	Department of Education	Title I, Part A - Improving the Academic Achievement of the Disadvantaged	$50,036,000	$0	$0	2.75	0.00	0.00
35	3564	Department of Education	Title II, Part A - Improving Teacher Quality	$9,777,000	$0	$0	1.90	0.00	0.00
36	3565	Department of Education	Title III-English Acquisition	$1,201,803	$0	$0	1.10	0.00	0.00
37	3566	Department of Education	Title IV, Part A - Student Support and Enrichment	$1,927,000	$0	$0	0.00	0.00	0.00
38	3567	Department of Education	Individuals with Disabilities Education Act, Part B, Section 611-State Grant	$36,804,000	$0	$0	10.50	0.00	0.00
39	3568	Department of Education	Individuals with Disabilities Education Act, Part B, Section 619 - Preschool	$1,215,366	$0	$0	0.00	0.00	0.00
40	3569	Department of Education	Carl D. Perkins Career and Technical Education	$4,714,000	$0	$0	3.17	0.00	0.00

Higher Education

1	2018-05-05-01	HE/Delaware State University	Develop Eco-friendly Postharvest Practices to Extend the Shelf Life of Small Fruits-Use of Volatiles	$59,964	$0	$0
2	2018-05-05-02	HE/Delaware State University	Evapodecomposition: An Abiotic Null Hypothesis Framework for Understanding the Biotic Factors Involved in Vertebrate Decomposition	$257,084	$0	$0
3	2018-05-05-03	HE/Delaware State University	Why Do Motorcycle Fatalities Remain Stubbornly High in DE	$115,106	$0	$0
4	2018-05-05-04	HE/Delaware State University	DSU Extension Multi-Purpose Facility / 1890 Facility Grant Program	$3,503,265	$0	$0

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5	2018-05-05-05	HE/Delaware State University	Advancing Future Food Scientists through Summer Programs	$149,743	$0	$0
6	2018-05-05-06	HE/Delaware State University	Evaluation of Biochar Amendment to Delaware Sand Filters for Improved Nitrogen Removal	$9,110	$0	$0
7	2018-05-05-07	HE/Delaware State University	Delaware INBRE IV/DSU (Federal)	$463,173	$0	$0
8	2018-05-05-08	HE/Delaware State University	Delaware INBRE IV/DSU (State)	$200,000	$0	$0
9	2018-05-05-09	HE/Delaware State University	Examining the Effect of Soak Time on the At-Vessel and Post-Release Mortality of Dusky and Sandbar Sharks in Mid-Atlantic Gillnet Fisheries: Can Soak Time Limits Reduce Mortality?	$197,050	$0	$11,552
10	2018-05-05-10	HE/Delaware State University	Experiments on a High Intensity, Coherent, Plasma Laser through Stimulated Raman Backscattering	$172,597	$0	$0
11	2018-05-05-11	HE/Delaware State University	Training Globally Competent Workforce at 1890 Institutions for Agricultural Foreign Services Using a Matrix	$32,579	$0	$0
12	2018-05-05-12	HE/Delaware State University	Acquisition of Goods and Services	$4,000	$0	$0
13	2018-05-12-01	HE/University of Delaware	Big Data Analysis of the Relationship Between M-Rail Measurements and the Development of Track Geometry Defects on MRS Logistica	$0	$0	$31,968
14	2018-05-12-02	HE/University of Delaware	Collaborative Research: NSCI Framework: Software for Building a Community-Based Molecular Modeling Capability Around the Molecular Simulation Design Framework (MoSDeF)	$0	$0	$268,920
15	2018-05-12-03	HE/University of Delaware	Impact of Assistive Device Use During Treadmill and Overground Walking Post-Stroke	$0	$0	$8,286
16	2018-05-12-04	HE/University of Delaware	Doctoral Dissertation Research: Examining the Reciprocal Effects of Stemflow and Corticular Bacterial Communities and their Differences within Urban and Rural Forests	$11,465	$0	$0
17	2018-05-12-05	HE/University of Delaware	Catalysis Center for Energy Innovation	$12,657,913	$0	$0
18	2018-05-12-06	HE/University of Delaware	In-State Peer Exchanges to Further Data-Driven Safety Analysis on Local Roads	$15,748	$0	$0
19	2018-05-12-07	HE/University of Delaware	Computational Design of Novel Materials for PMOS Thin Film Transistors	$0	$0	$275,505
20	2018-05-12-08	HE/University of Delaware	Improving Social and Community Participation in Individuals Following Spinal Cord Injury (SCI): Addressing Facilitators and Barriers to Community Participation with a Person-Centered Clinical Decision Support Tool	$1,703,368	$0	$0
21	2018-05-12-09	HE/University of Delaware	A High Order Discontinuous Galerkin Multi-Scale Approach for Kinetic-Hydrodynamic Simulations	$91,643	$0	$0
22	2018-05-12-10	HE/University of Delaware	Using VIIRS to Operationalize Dynamic EBM Tools on the U.S. East and West Coasts	$0	$0	$41,702
23	2018-05-12-11	HE/University of Delaware	Jonas Nurse Leaders Scholars Program 2018 - 2020	$0	$0	$20,000

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24	2018-05-12-12	HE/University of Delaware	K. Michael Scaboo NOAA Ocean Acidification Fellowship 2018	$94,000	$0	$0
25	2018-05-12-13	HE/University of Delaware	ETI Better Buying Bangladesh Launch	$0	$0	$56,190
26	2018-05-12-14	HE/University of Delaware	xEMU Composite Hard Upper Torso	$589,993	$0	$0
27	2018-05-12-15	HE/University of Delaware	High-Resolution, Anisotropic MR Elastography of the Brain	$3,129,292	$0	$0
28	2018-05-12-16	HE/University of Delaware	Farmers Market Healthy Recipe Demonstration Project 2018-2019	$0	$0	$8,065
29	2018-05-12-17	HE/University of Delaware	NRI: Goal-Oriented, subject Adaptive, Robot-assisted Locomotor Learning (GOALL)	$10,000	$0	$0
30	2018-05-12-18	HE/University of Delaware	NSF Collaborative Research: NCS-FO: A Robust Causality Measure for Testing Individual Variability in Neural Signal Propagation	$70,092	$0	$0
31	2018-05-12-19	HE/University of Delaware	iManage-Sexual Health: Development of a Symptom-Monitoring/Self-Management Program to Improve Sexual Health after SCI and TBI	$1,754,184	$0	$0
32	2018-05-12-20	HE/University of Delaware	Amanda Zahorik NOAA Ocean Acidification Fellowship 2018	$94,000	$0	$0
33	2018-05-12-21	HE/University of Delaware	NSF Collaborative Mid Atlantic Analysis Conference	$2,500	$0	$0
34	2018-05-12-22	HE/University of Delaware	Applying the Better Buying Initiative to the Toy Sector Measuring Purchasing Practice Performance in Complicated Business Relationships	$0	$0	$649,360
35	2018-05-12-23	HE/University of Delaware	K2 Ultracool Dwarfs Survey: Superflares at the Bottom of the Main Sequence	$21,058	$0	$0
36	2018-05-12-24	HE/University of Delaware	Collaborative Research Software Element: An Open Source Community Python Package for Plasma Physics	$158,254	$0	$0
37	2018-05-12-25	HE/University of Delaware	Optimizing Aerial Roots for Agriculture	$0	$0	$270,004
38	2018-05-12-26	HE/University of Delaware	Firestone Floor Plan Development Trade Study	$0	$0	$41,958
39	2018-05-12-27	HE/University of Delaware	Assist in Rearing Wood-Boring Insects Such as Emerald Ash Borers and Asian Longhorned Borers and their Natural Enemies	$31,818	$0	$0
40	2018-05-12-28	HE/University of Delaware	CPS: Medium: Collaborative Research: Connected and Automated Vehicles Adapting to Human-Driven Cars	$421,684	$0	$0
41	2018-05-12-29	HE/University of Delaware	Delaware INBRE	$2,854,978	$0	$0
42	2018-05-12-30	HE/University of Delaware	Metabolic Carbohydrate Cell Wall Probes for Bacterial Structure and Immune Recognition Studies	$79,851	$0	$0

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43	2018-05-12-31	HE/University of Delaware	Physics-Based Approach to Computational Design of Molecular Solids	$370,428	$0	$0
44	2018-05-12-32	HE/University of Delaware	Identification and Prediction of Loop Current Eddy Shedding Events	$0	$0	$215,477
45	2018-05-12-33	HE/University of Delaware	Cognitive Behavioral Interventions and Misconduct Behind Bars: A Randomized Control Trial of CBI-CC	$389,114	$0	$0
46	2018-05-12-34	HE/University of Delaware	Understanding Regulatory Mechanisms Mediating the Recurrence of Breast Cancer	$0	$0	$187,160
47	2018-05-12-35	HE/University of Delaware	The Effect of Sleep Quality on Perceptual Memory in Adults with Developmental Language Impairment	$0	$0	$10,000
48	2018-05-12-36	HE/University of Delaware	Theoretical and Computational Support for the PUNCH Project in Phase B	$0	$0	$14,339
49	2018-05-12-37	HE/University of Delaware	Grant in Aid Research Irem C	$0	$0	$1,000
50	2018-05-12-38	HE/University of Delaware	Botvins State of Delaware School Site Recruitment 2018	$39,130	$0	$0
51	2018-05-12-39	HE/University of Delaware	Georgia Coastal Ecosystems-III Supplement	$0	$0	$37,499
52	2018-05-12-40	HE/University of Delaware	Northeast Extension Risk Management Education (ERME) Center 2019 ARME Risk Management Education Partnerships	$1,820,161	$0	$0
53	2018-05-12-41	HE/University of Delaware	Interdisciplinary Engineering Career Development Center in Movement and Rehabilitation Sciences	$0	$0	$62,500
54	2018-05-12-42	HE/University of Delaware	Grain/Turbulence-Scale Numerical Simulation of Heterogeneous Sediment Transport and their Parameterization in Coastal Models	$136,492	$0	$0
55	2018-05-12-43	HE/University of Delaware	Merck Research Project	$0	$0	$32,051
56	2018-05-12-44	HE/University of Delaware	A Cocktail of HIV-1 Entry Inhibitors Designed for Monthly Administration	$275,000	$0	$0
57	2018-05-12-45	HE/University of Delaware	Quantifying the Scale Dependent Dynamic of Deep Eddies and their Influence on the Loop Current	$0	$0	$897,078
58	2018-05-12-46	HE/University of Delaware	Delaware Procurement Technical Assistance Center Base FY19	$190,816	$87,313	$0
59	2018-05-12-47	HE/University of Delaware	Targeted Proteomics (SRM/MRM) Assay for Glycosylation Enzymes	$0	$0	$108,974
60	2018-05-12-48	HE/University of Delaware	Incarceration, Concentrated Disadvantage, Political Ideology and their Consequences for School Punishment	$45,730	$0	$0
61	2018-05-12-49	HE/University of Delaware	Implementing the Avian Monitoring Protocols for the Northern Colorado Plateau I & M Network of the National Park Service	$41,403	$0	$0

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62	2018-05-12-50	HE/University of Delaware	Harnessing the Air-Tissue Interface to Improve Lung Cancer Outcomes	$0	$0	$1,401,985
63	2018-05-12-51	HE/University of Delaware	Cardiovascular Risk Assessment Among Late Adolescents: Sleep Variability, Napping and Inflammatory Biomarkers	$0	$0	$4,545
64	2018-05-12-52	HE/University of Delaware	Evaluating the "Art of Happiness" Program through a Randomized Clinical Control Trial	$0	$0	$135,833
65	2018-05-12-53	HE/University of Delaware	Reduction of Energy, Water, and Hazardous Material Technical Assistance for Food and Beverage Manufacturers in the Mid-Atlantic Region	$147,886	$0	$0
66	2018-05-12-54	HE/University of Delaware	Taking the Pulse of the West Florida Shelf at a Hypothesized Loop Current Control Point	$0	$0	$116,732
67	2018-05-12-55	HE/University of Delaware	Sustainable Strawberry Production on the Delmarva Peninsula	$0	$0	$20,859
68	2018-05-12-56	HE/University of Delaware	Development of Computational Resources to Establish Fingerprints for Raw Material Variability and Presence of Adventitious Agents	$3,016,941	$0	$0
69	2018-05-12-57	HE/University of Delaware	Shipboard Scientific Support Equipment DP Upgrade Supplement	$29,272	$0	$0
70	2018-05-12-58	HE/University of Delaware	Surveillance Sequencing and Synthetic Biology: the Stepping Stones to In-Field Crop Disease Diagnostics	$0	$0	$100,000
71	2018-05-12-59	HE/University of Delaware	Synchrotron-Based Time Resolved X-Ray Diffraction Studies of Solid-State Diffusion and New Phase Formation in Nanostructured Materials	$526,777	$0	$0
72	2018-05-12-60	HE/University of Delaware	Vaccine Efficacy Comparison of HVT-Based Experimental Vaccine Products: Part I (HVT-Based Products)	$0	$0	$33,785
73	2018-05-12-61	HE/University of Delaware	Bundling of Label Attributes to Maximize Consumer Willingness to Pay: Marketing Preserved Farm, Local, and Organic Food Products	$87,877	$0	$0
74	2018-05-12-62	HE/University of Delaware	Discover, Identify, and Evaluate the Biology, Ecology, and Efficacy of Exotic Predators and Parasitoids as Classical Biological Control Agents of Invasive Arthropod Pests of Agricultural Crops.	$12,728	$0	$0
75	2018-05-12-63	HE/University of Delaware	Small Business Administration Cooperative Agreement FY17-18	$101,937	$0	$0
76	2018-05-12-64	HE/University of Delaware	How Does Graduate Teaching Assistants' Knowledge About Calculus Students' Mathematical Thinking Inform their Teaching Practice?	$0	$0	$49,999
77	2018-05-12-65	HE/University of Delaware	Accelerating Information-Centric Cryptography via Hardware Accelerators	$0	$0	$147,107
~~78~~	~~3550~~	~~Delaware Technical Community College, Office of the President~~	~~FY19 Pell Delaware Technical Community College~~	~~$19,940,249~~	~~$0~~	~~$0~~
~~79~~	~~3551~~	~~Delaware Technical Community College, Office of the President~~	~~FY19 Federal Direct Student Loan Program~~	~~$15,729,657~~	~~$0~~	~~$0~~
80	3570	Delaware Technical Community College, Office of the President	FY18 DEMEP National Institute of Standards & Technology	$2,000,000	$0	$0

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Delaware State Clearinghouse Committee
June Agenda

June 26, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	2018-04-03-01	Department of Health and Social Services, Management Services	DHSS Service Innovation and Communication Project Grant	$0	$0	$217,743	0.00	0.00	0.00
~~2~~	~~3582~~	~~Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation~~	~~Environmental Education Grant~~	~~$54,850~~	~~$23,348~~	~~$0~~	~~0.15~~	~~0.20~~	~~0.00~~
3	3601	Department of Labor, Unemployment Insurance	Reemployment and Eligibility Assessment	$614,190	$0	$0	9.07	0.00	0.00
4	3613	Department of Elections	Help America Vote Act Election Security Grant	$3,000,000	$150,000	$0	0.00	0.00	0.00
5	3603	Department of Education	Charter Schools Program	$10,395,000	$0	$0	0.00	0.00	0.00
6	3602	Department of Education, Colonial School District	Farm to School	$98,989	$0	$49,048	0.37	0.00	0.00
Continued									
7	2018-03-13-01	Executive, Delaware State Housing Authority	Housing Counseling Assistance Program	$116,071	$0	$0	0.00	0.00	0.00
8	3526	Executive, Criminal Justice, Criminal Justice Council	John R. Justice	$32,000	$0	$0	0.01	0.00	0.00
9	3584	Department of State, Arts, Office of the Director	Promotion of the Arts - Partnership Agreement	$689,100	$3,246,500	$75,000	3.00	5.00	0.00
10	3588	Department of State, Libraries	Library Services and Technology Act	$1,045,111	$607,283	$0	7.00	8.00	0.00
11	3534	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training - Reimbursement	$137,024	$137,024	$0	0.00	0.00	0.00
12	3578	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness	$4,352,303	$435,230	$0	23.75	0.00	0.00
13	3580	Department of Health and Social Services, Public Health, Community Health	Hospital Preparedness Program	$1,006,205	$100,621	$0	2.50	0.00	0.00
14	3581	Department of Health and Social Services, Public Health, Community Health	Personal Responsibility Education Program	$250,000	$0	$0	0.00	0.00	0.00
15	3585	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/ Community Services	Senior Community Service Employment Program	$1,686,067	$0	$188,729	0.75	0.00	0.00
16	3586	Department of Health and Social Services, Public Health, Community Health	Promoting Adolescent Health Through School-Based Surveillance: Youth Risk Behavior Survey/School Health Profiles	$80,000	$0	$0	0.00	0.00	0.00
17	3587	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families	$32,290,981	$29,028,092	$0	126.39	0.00	0.00
18	3593	Department of Health and Social Services, Public Health, Community Health	Enhanced Surveillance of Opioid-Involved Morbidity and Mortality	$331,847	$42,165	$0	0.00	0.40	0.00
19	3594	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Senior Medicare Patrol	$241,734	$0	$0	1.00	0.00	0.00
20	3607	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	State Targeted Response to the Opioid Crisis Grant	$2,000,000	$0	$0	0.00	0.00	0.00
21	3608	Department of Health and Social Services, Public Health, Community Health	Delaware Prescription Drug Overdose Prevention	$2,313,177	$197,497	$0	1.25	1.00	0.00

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22	3610	Department of Health and Social Services, Public Health, Community Health	Childhood Lead Poisoning Prevention Program	$627,482	$0	$0	1.00	0.50	0.00
23	3612	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program	$14,061,060	$13,834,166	$0	62.63	62.63	0.00
24	2017-02-02-01 Amendment	Department of Health and Social Services, Administration, Office of the Secretary	Stand By Me Financial Empowerment Program	$0	$0	$200,000	0.00	0.00	0.00
25	3348 Amendment	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Breast Feeding	$40,685	$0	$0	0.00	0.00	0.00
26	3349 Amendment	Department of Health and Social Services, Public Health, Community Health	Hepatitis C Increased Testing and Diagnosis	$50,000	$0	$0	0.00	0.00	0.00
27	3558	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement – Army Creek	$6,926	$0	$0	0.05	0.00	0.00
28	3559	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement – Delaware Sand and Gravel	$6,926	$0	$0	0.05	0.00	0.00
29	3604	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	State Memorandum of Agreement Program for the Reimbursement of Technical Services	$76,506	$0	$0	0.33	0.00	0.00
30	1150 Amendment	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Standard Chlorine/Metachem OU-2 RD	$3,000	$0	$0	0.02	0.00	0.00
31	1261 Amendment	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Standard Chlorine/Metachem OU4 RIFS	$5,000	$0	$0	0.04	0.00	0.00
32	2753 Amendment	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Koppers Road Cooperative Agreement	$5,000	$0	$0	0.05	0.00	0.00
33	2898 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Marine Development Program	$225,000	$75,000	$0	0.00	0.00	0.00
34	3600	Department of Agriculture, Plant Industries	Forest Pest Outreach	$22,751	$0	$0	0.00	0.00	0.00
35	3615	Department of Agriculture, Pesticides	Performance Partnership Grant	$306,700	$70,358	$0	2.00	0.94	0.00
36	2018-03-07-03	Department of Education, Polytech School District	Low Voltage Lab	$30,000	$0	$33,190	0.10	0.00	0.00

Higher Education

1	2018-06-02-01	HE/Delaware State University	Establish a PHAGE and New Omics Capacity for the Mitigation of AMR Bacteria	$511,674	$0	$0
2	2018-06-02-02	HE/Delaware State University	Building Students' Capacity in Food Science Research Using Experiential Learning, Concepts of Food Analysis Product Development and Sensory Evaluation	$280,979	$0	$0
3	2018-06-02-03	HE/Delaware State University	Assessing the Impacts of Sea Level Rise on Agriculture and Wetland Ecosystem Services Provisioning in Delaware	$599,628	$0	$0
4	2018-06-02-04	HE/Delaware State University	Strengthening Food Systems and Ecosystem Educationa and Training Through Global Competence and Experiential Learning	$75,000	$0	$0
5	2018-06-02-05	HE/Delaware State University	Design of Textile Composite Highly Performing for Management of Wastewater Sludge	$492,763	$0	$0
6	2018-06-02-06	HE/Delaware State University	Collaborative Approach for Underrepresented Student Experiential Learning in Agriculture and Food Sciences	$43,480	$0	$0
7	2018-06-02-07	HE/Delaware State University	Establishing a Training Matrix on Soil Health for Farm Sustainability: A Model for 1890 Land-Grant Universities	$155,119	$0	$0

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8	2018-06-02-08	HE/Delaware State University	Lactic Acid Bacteria as a Probiotic on Meat Goats Performance and Health	$299,981	$0	$0
9	2018-06-02-09	HE/Delaware State University	Optimization and Extension of the Anaerobic Soil Disinfestation (ASD), Technique for Controlling Soil-Borne Pathogens in High Tunnel Production	$517,475	$0	$0
10	2018-06-02-10	HE/Delaware State University	Transgenic Self-Processing Energy Grasses for Efficient and Cost-effective Production of Biofuels	$499,990	$0	$0
11	2018-06-02-11	HE/Delaware State University	DE Shellfish Aquaculture: Applied Research and Industry Training to Support an Emerging Industry	$599,793	$0	$0
12	2018-06-02-12	HE/Delaware State University	Capacity Building to Generate Guidelines for Wise Agricultural Pollinator Management on the Delmarva Peninsula	$499,114	$0	$0
13	2018-06-02-13	HE/Delaware State University	A Predicitive Ecosystem Model: How Soaring Population and Land Use Changes Will Impact Delaware Bay Resources	$99,993	$0	$0
14	2018-05-05-12	HE/Delaware State University	Acquisition of Goods and Services	$4,000	$0	$0
15	2018-06-02-14	HE/Delaware State University	Enhance Faculty Expertise and Build DSU's Capacity on Food Systems and Food Security in Africa	$85,417	$0	$0
16	2018-06-02-15	HE/Delaware State University	Student Experiential Learning and Faculty Preparation Opportunities in Tropical Agriculture	$300,000	$0	$0
17	2018-06-02-16	HE/Delaware State University	Epigenomic and Transcriptomic Approaches to Unravel Potential Breeding Targets for Common Bean Drought Tolerance	$299,686	$0	$0
18	2018-06-02-17	HE/Delaware State University	Filling in the Gaps for Delaware Small Farms Specialty Crops Growers	$248,290	$0	$0
19	2018-06-02-18	HE/Delaware State University	Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers and Veteran Farmers and Ranchers	$199,892	$0	$0
20	2018-06-02-19	HE/Delaware State University	Preservation of Historic Loockerman Hall	$500,000	$0	$0
21	2018-06-02-20	HE/Delaware State University	DSU-STAR: Delaware State University Student Training in Academic Research	$2,369,333	$0	$0
22	2018-06-02-21	HE/Delaware State University	Intergovernmental Personnel Act	$201,173	$0	$0
23	2018-06-09-01	HE/University of Delaware	Detection of Hidden Information Chains for Holistic Information Exposure Awareness	$0	$0	$123,826
24	2018-06-09-02	HE/University of Delaware	Solid State Chemistry of Novel Pnictides with Complex Structures	$286,944	$0	$0
25	2018-06-09-03	HE/University of Delaware	Composites Research, Engineering and Advanced Technology (CREATE)	$16,267,140	$0	$0
26	2018-06-09-04	HE/University of Delaware	Cuyahoga County, OH. ABC Training Dozier 18	$0	$0	$10,000

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27	2018-06-09-05	HE/University of Delaware	Harnessing Beneficial Plant Growth Promoting Rhizobacteria Bacillus Subtilis (UD1022) to Increase Crop Yield and Reduce Contamination by Food-Borne Pathogens in Leafy Greens	$13,606	$0	$0
28	2018-06-09-06	HE/University of Delaware	Protein and Lipid Interactions of the HIV-1 gp41 Cytoplasmic Tail	$0	$0	$209,440
29	2018-06-09-07	HE/University of Delaware	Ecological Restoration of Fishers Island	$0	$0	$12,542
30	2018-06-09-08	HE/University of Delaware	Snacking Behaviors Among U.S. Preschoolers	$0	$0	$15,987
31	2018-06-09-09	HE/University of Delaware	Lewes National Register Historic District Update Survey Phase V	$0	$0	$3,451
32	2018-06-09-10	HE/University of Delaware	Town of Milton FY19 National Register Historic District Amendment	$0	$0	$2,545
33	2018-06-09-11	HE/University of Delaware	National Register Historic District Update Survey Phase IV	$0	$0	$2,545
34	2018-06-09-12	HE/University of Delaware	Developing Business Plan for Better Buying	$0	$0	$65,000
35	2018-06-09-13	HE/University of Delaware	USDA Graduate Student Funding for 2018 in Shober Laboratory	$9,808	$0	$0
36	2018-06-09-14	HE/University of Delaware	Connecting Students to Community and Industry Partners in Agricultural Capstone Classes	$106,050	$0	$0
37	2018-06-09-15	HE/University of Delaware	Developing Cyber Models for Cyber Risk Insurance exposure Awareness	$0	$0	$50,364
38	2018-06-09-16	HE/University of Delaware	New Castle County National Register Nominations and Threatened Resource Documentation	$0	$0	$6,245
39	2018-06-09-17	HE/University of Delaware	Micromechanics in Soft Gels	$0	$0	$38,688
40	2018-06-09-18	HE/University of Delaware	Combining Proviral and Integration Site Sequencing to Study Reservoir Dynamics	$0	$0	$22,316
41	2018-06-09-19	HE/University of Delaware	SWI Resilient Agriculture	$0	$0	$153,237
42	2018-06-09-20	HE/University of Delaware	The New IPM: Integrated Precision Management for Sudden Death Syndrome of Soybean.	$0	$0	$19,499
43	2018-06-09-21	HE/University of Delaware	Protection of Bio-Organic Molecules by Martian Analogue Minerals Against the Effects of Cosmic Radiation	$0	$0	$51,695
44	2018-06-09-22	HE/University of Delaware	EAGER: Enabling Quantum Leap: Topological Nanoparticles as Potential Room-Temperature Qubits	$202,587	$0	$0
45	2018-06-09-23	HE/University of Delaware	Inactivation of Viruses and Bacteria in Water Using Bimetallic Zero-Valent Nanoparticles Immobilized in a Multifunctional Matrix	$39,065	$0	$0

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46	2018-06-09-24	HE/University of Delaware	Harnessing Alkyl Amines and Alkyl Alcohols in Cross-Coupling Reactions	$1,776,595	$0	$0
47	2018-06-09-25	HE/University of Delaware	Design, Analysis, and Testing for Composite Oil Tank	$0	$0	$29,370
48	2018-06-09-26	HE/University of Delaware	DE Academy for School Leadership Provides Assistant Principals from Cecil County Public School Professional Development to Enhance Skills, Knowledge and Practice through Job-Embedded Inquiry Related to Local Problems of Practice	$0	$0	$15,457
49	2018-06-09-27	HE/University of Delaware	Impact of Mathematical Problem Posing on Students' Cognitive and Non-Cognitive Learning Outcomes	$0	$0	$110,551
50	2018-06-09-28	HE/University of Delaware	CPS: Medium: An Out-of-Box Framework to Secure CPS Devices Via Emanating Signals	$674,866	$0	$0
51	2018-06-09-29	HE/University of Delaware	The Professional Development Center for Educators Provides Training and Coaching in Bookworms Reading and Writing to Thomas Edison Charter School to Support their Implementation of Bookworms	$0	$0	$10,760
52	2018-06-09-30	HE/University of Delaware	The Fate of South Asian Forests in a Changing Environment: Towards an Improved Understanding of Scales, Mechanisms, and Variability	$665,189	$0	$0
53	2018-06-09-31	HE/University of Delaware	Bioactive Injectable Implants for Functional Intervertebral Disc Regeneration	$0	$0	$69,241
54	2018-06-09-32	HE/University of Delaware	Elucidating a New Function for Topoisomerase II in Meiotic Chromosome Segregation	$100,000	$0	$0
55	2018-06-09-33	HE/University of Delaware	Foxe3 and Downstream Gene Regulatory Networks in Lens Development	$0	$0	$85,546
56	2018-06-09-34	HE/University of Delaware	Grant Number: NEDP105936; Organization: Psychological and Brain Sciences - University of Delaware; The Early Prevention and Intervention Center (EPIC)	$0	$0	$50,000
57	2018-06-09-35	HE/University of Delaware	Cardinal Health urEssential Award Grant Agreement	$0	$0	$25,000
58	2018-06-09-36	HE/University of Delaware	VADA (Verification and Demonstration of Annex D Architecture in IEC61851-1 Ed3	$0	$0	$153,252
59	2018-06-09-37	HE/University of Delaware	Front Page Cafe Series 2018-19	$0	$0	$5,000
60	2018-06-09-38	HE/University of Delaware	MSEHS/DOJ Dozier Training 2018	$0	$0	$3,000
61	2018-06-09-39	HE/University of Delaware	System Optimization Opportunities Due to Vehicle Connectivity and Automation	$47,511	$0	$0
62	2018-06-09-40	HE/University of Delaware	Nicotinamide Riboside Supplementation for Treating Arterial Stiffness and Elevated Systolic Blood Pressure in Patients with Moderate to Severe CKD.	$0	$0	$57,217
63	2018-06-09-41	HE/University of Delaware	Regional Center Plant Diagnostic Facility - National Plant Diagnostic Network for the Food and Agriculture Defense Initiative	$0	$0	$21,293
64	2018-06-09-42	HE/University of Delaware	Trace Element Concentrations in Rice Grain From Ecological Rice Farms in the Northeast Region	$0	$0	$12,479

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65	2018-06-09-43	HE/University of Delaware	DM&DFMC-01-2 - Validation of a Necrotic Enteritis Disease Model and Direct Fed Microbials (DFM) Pilot Study	$0	$0	$11,048
66	2018-06-09-44	HE/University of Delaware	Characterizing Nearby Debris Disks for Resolved Imaging with JWST: Updated Photosphere and Dust models for Bright Stars with Saturated 2MASS Photometry	$79,288	$0	$0
67	2018-06-09-45	HE/University of Delaware	SCH: INT: Collaborative Research: Angry Balls: A Robotic Playground for Smart Pediatric Rehabilitation	$704,404	$0	$0
68	2018-06-09-46	HE/University of Delaware	QESST: ERC for Quantum Energy and Sustainable Solar Technologies	$0	$0	$19,000
69	2018-06-09-47	HE/University of Delaware	Process Intensification for Enhanced Urea Production	$0	$0	$291,212
70	2018-06-09-48	HE/University of Delaware	K2 Ultracool Dwarfs: Characterizing Flares in Fully Convective Stars	$153,333	$0	$0
71	2018-06-09-49	HE/University of Delaware	SHF:Medium:Collaborative Research: Fine-Grain Multithreading through Hardware/Software Co-Design	$342,480	$0	$0
72	2018-06-09-50	HE/University of Delaware	Multi-Scale Investigation of Metastable Phases in Sustainable Polymers	$185,049	$0	$0
73	2018-06-09-51	HE/University of Delaware	CY2018 ONR Ship Support Supplement	$403,100	$0	$0
74	2018-06-09-52	HE/University of Delaware	Accurate and Scalable Computational Methods to Enable Predictive Simulations of Dry Powder Inhaler Drug Delivery	$0	$0	$69,703
75	2018-06-09-53	HE/University of Delaware	NCAA Choices OSER	$0	$0	$30,000
76	2018-06-09-54	HE/University of Delaware	Development of an Artemisia Annua Cell Culture Derived from Glandular Trichome Cells for the Scalable and Efficient Production of Artemisinin	$0	$0	$488,534
77	2018-06-09-55	HE/University of Delaware	Mechanisms of Vascular Dysfunction with Advancing Reproductive Age	$1,530,958	$0	$0
78	2018-06-09-56	HE/University of Delaware	CO2 Electrolysis Process for Commodity Chemical Production	$0	$509,822	$774,989
79	2018-06-09-57	HE/University of Delaware	Intra-Storm Erosion Processes on an Engineered Dune System	$0	$0	$55,395
80	2018-06-09-58	HE/University of Delaware	Acquisition of Goods and Services: Develop a Protocol for Preparing & Sequencing Reduced Representation Genomic Libraries Using Next-Generation Sequencing Technology to Discover & Genotype Large Numbers of Sequence Polymorphisms Distributed Across Genomes	$19,987	$0	$0
81	2018-06-09-59	HE/University of Delaware	Acquisition of Goods and Services: Develop a Protocol for Preparing & Sequencing Reduced Representation Genomic Libraries Using Next-Generation Sequencing Technology to Discover & Genotype Large Numbers of Sequence Polymorphisms Distributed Across Genomes	$1,364	$0	$0
82	2018-06-09-60	HE/University of Delaware	Scalable Integrated Extremely Wide Band Receiver (SCINTER)	$618,818	$0	$0
83	2018-06-09-61	HE/University of Delaware	Northeast SARE State Program Plan: Beginning Farmer's Workshop	$15,000	$0	$0

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84	2018-06-09-62	HE/University of Delaware	Radio America Production of Educational Audio and Video Features for the Center for Economic Educations & Entrepreneurship	$0	$0	$57,256
85	2018-06-09-63	HE/University of Delaware	RAISE-TAQS: Collaborative: Inverting the Design Paradigm: Tunable Qubits in Hybrid Photonic Materials as a Scalable Platform for Quantum Photonic Devices	$830,164	$0	$0
86	2018-06-09-64	HE/University of Delaware	Acetylene: A Novel Hydrocarbon Substrate for Supporting Primordial Microbial Food Webs and Putative Microbes on Planetoids of the Outer Solar System (e.g., Enceladus, Titan, Europa)	$82,662	$0	$0
87	2018-06-09-65	HE/University of Delaware	Understanding Superacid Interaction on Semiconductor/Oxide Interfaces for Mobility Enhancement in THz Applications	$296,585	$0	$0
88	2018-06-09-66	HE/University of Delaware	Dispersive Wave Packets and Mode Coupling for High Speed Boundary Layer Stability	$243,337	$0	$0
89	2018-06-09-67	HE/University of Delaware	Role of Organelle Dynamics and Retrograde Signaling During Plant Innate Immunity	$0	$0	$868,394
90	2018-06-09-68	HE/University of Delaware	Tier 1 UTC-Railroad	$0	$0	$248,301
91	2018-06-09-69	HE/University of Delaware	Control Degradation of SPT by Dynamic Ubiquitination as an AD Therapeutic	$0	$0	$744,202
92	2018-06-09-70	HE/University of Delaware	Regulation of Mitochondrial Iron Status During Terminal Erythropoiesis.	$1,250,000	$0	$0
93	2018-06-09-71	HE/University of Delaware	Small Maf Transcription Factors in Lens Development, Homeostasis and Cataract	$1,250,000	$0	$0
94	2018-06-09-72	HE/University of Delaware	High Sensitivity NMR Spectrometer with Cryoprobe	$929,724	$0	$0
95	2018-06-09-73	HE/University of Delaware	Process Intensification and Modular Chemical Process Intensification - Changing the Mindset of Future Chemical Engineering Workforce	$0	$46,123	$53,623
96	2018-06-09-74	HE/University of Delaware	Development of Mushroom Mycelium Based Biocomposites for Fashion Products	$50,482	$0	$0
97	2018-06-09-75	HE/University of Delaware	Supplement to the Nuvve Research Grant	$0	$0	$196,875
98	2018-06-09-76	HE/University of Delaware	HMA Healthy Communities Delaware	$0	$0	$402,422
99	2018-06-09-77	HE/University of Delaware	Engineering Research Center for Innovation in Pro-Microbial and Anti-Microbial Polymers for AgriCulture Technologies (ERC-IMMPACT)	$64,102	$0	$0
100	2018-06-09-78	HE/University of Delaware	Intervening with Opioid-Dependent Mothers Living in Poverty: Effects on Mothers and Infants Behavioral and Biological Regulation	$2,513,069	$0	$0
101	2018-06-09-79	HE/University of Delaware	Mechanisms of Balance Control During Walking: an Experimental-Computational Approach to the Effects of Aging and Neurological Disease	$2,047,996	$0	$0
102	2018-06-09-80	HE/University of Delaware	Suppressing Radiotherapy-Induced Metastasis in Aggressive Breast Cancers Via 'On-Demand' siRNA Delivery from Responsive Polymer Nanoparticles	$441,252	$0	$0

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103	2018-06-09-81	HE/University of Delaware	Targeted Delivery of miR34a for Lung Metastasis Inhibition of Triple Negative Breast Cancer	$202,818	$0	$0
104	2018-06-09-82	HE/University of Delaware	Thin-Ply Composites Design Technology and Applications	$0	$0	$149,013
105	2018-06-09-83	HE/University of Delaware	Accurate Estimates of Protoplanetary Disk Masses from the Steady-State Microscopic Grain + Millimeter Pebble + Planetesimal Size Distribution	$210,495	$0	$0
106	2018-06-09-84	HE/University of Delaware	EAGER: Real-Time: A Decentralized Framework for Online Coordination of a Network of Connected and Automated Vehicles	$196,018	$0	$0
107	2018-06-09-85	HE/University of Delaware	Patellofemoral OA Development in the ACL Reconstructed Knee	$1,956,639	$0	$0
108	2018-06-09-86	HE/University of Delaware	BME Predoctoral Training Program: Multi-Scale Biomechanics and Applied Biomaterials	$1,587,725	$0	$0
109	2018-06-09-87	HE/University of Delaware	A Focus Group Study of Needs and Barriers to Self-Management in Parkinson's Disease	$0	$0	$2,000
110	2018-06-09-88	HE/University of Delaware	Graph Signal Processing and Underwater Acoustic Modeling Techniques to Assist Automation of Through the Sensor (TTS) for Statistical Inference Module (SIM)	$239,739	$0	$0
111	2018-06-09-89	HE/University of Delaware	NIH DE-CTR Opioid Supplement 2018	$226,625	$0	$0
112	2018-06-09-90	HE/University of Delaware	Efficacy of Early Parent Education for Improving Motor and Cognitive Outcomes for Infants Born Preterm	$2,498,394	$0	$0
113	2018-06-09-91	HE/University of Delaware	Macromolecular X-Ray Crystallographic Data Collection System	$539,039	$0	$0
114	2018-06-09-92	HE/University of Delaware	Integrating Low-Cost Paper-Based Devices and Personalized Immunotherapeutics to Optimize Breast Cancer Treatment	$550,000	$0	$0
115	2018-06-09-93	HE/University of Delaware	Investigating Sustained Gains of Reading Recovery Students	$0	$0	$1,282,050
116	2018-06-09-94	HE/University of Delaware	Attachment and Biobehavioral Catch-Up with Child Protective Services-Involved Parents: Testing Effectiveness in the Community	$0	$0	$253,228
117	2018-06-09-95	HE/University of Delaware	Quantitative Analysis and Data-Driven Models for Understanding Cell Shape Changes in Cancer and Metastasis	$0	$0	$504,475
118	2018-06-09-96	HE/University of Delaware	Postpartum Smoking Relapse Prevention by Breastfeeding Promotion	$0	$0	$3,460
119	2018-06-09-97	HE/University of Delaware	Department of Health and Human Services New Directions Early Head Start Year 22	$2,471,331	$0	$0
120	2018-06-09-98	HE/University of Delaware	iGRINminer: a Bioinformatics Resource for Uncovering Connections in Networks Involving Gene Regulators	$999,998	$0	$0
121	2018-06-09-99	HE/University of Delaware	NIH R35 Equipment Supplement: Maximizing the Delivery and Efficacy of miRNA Therapeutics through Nanocarrier Design	$63,006	$0	$0

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122	2018-06-10-01	HE/University of Delaware	A Plan for NASA EPSCoR Research Infrastructure Development (RID) in Delaware	$267,858	$0	$0
123	2018-06-10-02	HE/University of Delaware	Waterford, Virginia National Historic Landmark District Documentation	$40,675	$0	$0
124	2018-06-10-03	HE/University of Delaware	Engineering Research Center for Smart Engineering of the Dynamic Coastal Environment (SECDE)	$68,410	$0	$0
125	2018-06-10-04	HE/University of Delaware	Investigation of Cellular DUB Functions through Cell-Permeable Probes	$1,250,000	$0	$0
126	2018-06-10-05	HE/University of Delaware	Confluence of Cell Signaling Pathways Regulate Onset and Progression of PTOA	$896,520	$0	$0
127	2018-06-10-06	HE/University of Delaware	Elucidating Syntrophic Microbial Communities and Co-Evolution Phenotypes	$1,250,000	$0	$0
128	2018-06-10-07	HE/University of Delaware	Novel Non-PFSA Proton Exchange Membrane for Fuel Cell Application	$0	$0	$156,469
129	2018-06-10-08	HE/University of Delaware	Suppressing Radiotherapy-Induced Metastasis in Aggressive Breast Cancers via On-Demand siRNA Delivery from Responsive Polymer Nanoparticles	$158,748	$0	$0
130	2018-06-10-09	HE/University of Delaware	Delaware SEU Energy Assessment Program	$0	$0	$80,380
131	2018-06-10-10	HE/University of Delaware	Annual Renewal of the Beneficial Insect Lab 19	$4,545	$0	$0
132	2018-06-10-11	HE/University of Delaware	Building Connections: Mapping and Evaluating the Grid Operation Challenges and Rate Changes of Increasing PV Generation in Delaware	$0	$0	$214,411
133	2018-07-14-01	HE/University of Delaware	NAHLN Member Laboratory Work Plan FY18	$124,545	$0	$0

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Delaware State Clearinghouse Committee
July Agenda

July 31, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	2018-07-13-01	Office of the State Treasurer	Banking Services for the State of Delaware				1.00	0.00	0.00
2	2018-05-01-01	Department of Health and Social Services, Administration, Office of the Secretary	Stand By Me Financial Empowerment Program	$0	$0	$200,000	1.00	0.00	0.00
3	3631	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Diseases	$2,636,491	$0	$0	5.00	0.00	0.00
4	~~3582~~	~~Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation~~	~~Environmental Education Grant~~	~~$54,850~~	~~$23,348~~	~~$0~~	~~0.15~~	~~0.20~~	~~0.00~~
5	3620	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Building Program Capacity for Assessing and Protecting Delaware's Wetlands and Water	$341,691	$131,867	$0	0.00	0.40	0.00
6	3621	Delaware Technical Community College, Owens Campus	Rural Business Opportunity Grant	$23,002	$0	$0	0.00	0.00	0.00
Continued									
7	2018-05-24-01	Executive, Delaware State Housing Authority	Public Housing Capital Program - Moving to Work	$921,856	$0	$0	0.00	0.00	0.00
8	2018-05-24-02	Executive, Delaware State Housing Authority	Housing Trust Fund	$3,000,000	$0	$0	0.00	0.00	0.50
9	2018-05-24-03	Executive, Delaware State Housing Authority	Community Development Block Grant	$2,254,936	$0	$0	1.00	0.00	0.00
10	2018-05-24-04	Executive, Delaware State Housing Authority	Performance Based Contract Administrator Program	$40,552,901	$0	$0	1.00	0.00	6.50
11	2018-05-24-05	Executive, Delaware State Housing Authority	Emergency Solutions Grants Program	$201,681	$0	$0	0.00	0.00	0.00
12	2018-05-24-06	Executive, Delaware State Housing Authority	HOME Investment Partnerships Program	$3,008,138	$0	$0	0.00	0.00	1.00
13	2018-05-24-07	Executive, Delaware State Housing Authority	Housing Opportunities for Persons with AIDS	$270,436	$0	$0	0.00	0.00	0.00
14	2018-05-31-02	Executive, Delaware State Housing Authority	Public Housing Operations Program - Moving to Work	$3,010,030	$0	$119,240	0.00	0.00	22.30
15	2018-05-31-03	Executive, Delaware State Housing Authority	Housing Choice Vouchers Program - Moving to Work	$7,828,760	$0	$0	1.00	0.00	17.00
16	2018-05-31-04	Executive, Delaware State Housing Authority	Family Unification Program	$300,400	$0	$0	0.00	0.00	0.00
17	3644	Executive, Criminal Justice, Statistical Analysis Center	State Justice Statistics Program for Statistical Analysis Centers	$75,000	$0	$0	0.90	0.00	0.00
18	3625	Legal, Office of Attorney General	Victims Compensation Assistance	$630,000	$0	$0	0.00	0.00	0.00
19	3642	Legal, Office of Attorney General	High Intensity Drug Trafficking Areas Program	$188,000	$0	$0	0.00	0.00	0.00
20	3579	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families - Contingency	$3,582,263	$0	$0	0.00	0.00	0.00
21	3583	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives - Administrative Implementation	$1,432,599	$157,810	$0	1.80	0.20	0.00

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22	3589	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives - Provider Incentive Payments	$1,901,923	$5,706	$0	0.00	0.00	0.00
23	3590	Department of Health and Social Services, Medicaid and Medical Assistance	Children's Health Insurance Program	$32,064,562	$7,291,569	$0	1.19	1.19	0.00
24	3591	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Services - Title XIX	$1,242,973,000	$748,223,067	$0	0.00	0.00	0.00
25	3592	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Administration - Title XIX	$82,283,961	$47,092,065	$0	229.68	205.18	0.00
26	3614	Department of Health and Social Services, Public Health, Community Health	Delaware Perinatal Cooperative	$730,000	$0	$0	0.00	0.00	0.00
27	3626	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program	$10,000,000	$0	$0	2.27	0.00	0.00
28	3629	Department of Health and Social Services, Public Health, Community Health	Title X Family Planning Services	$1,165,000	$571,075	$0	4.00	5.80	0.00
29	3632	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Diseases - Affordable Care Act	$743,853	$0	$0	1.00	0.00	0.00
30	3634	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training	$188,993	$0	$0	1.23	0.00	0.00
31	3650	Department of Health and Social Services, State Service Centers	AmeriCorps State Competitive Fixed	$18,000	$0	$0	0.00	0.00	0.00
32	3652	Department of Health and Social Services, State Service Centers	AmeriCorps-State Competitive	$742,889	$0	$930,052	0.00	0.00	0.00
33	3641	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV, Part E - Education and Training Vouchers Program	$65,175	$16,294	$0	0.00	0.00	0.00
34	3643	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B Subpart 1 - Child Welfare Services	$796,171	$264,852	$0	3.00	0.00	0.00
35	3645	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families/Case Worker Visits	$60,779	$20,260	$0	0.00	0.00	0.00
36	3646	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
37	3647	Department of Services for Children, Youth and Their Families, Family Services, Intake/Investigation	Child Abuse Prevention and Treatment Act	$111,789	$0	$0	1.00	0.00	0.00
38	3648	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	$964,896	$321,632	$0	2.00	0.00	0.00
39	3119 Amendment	Department of Natural Resources and Environmental Control, Office of the Secretary, Energy and Climate	State Energy Program	$269,720	$59,316	$0	0.00	0.00	0.00
40	3624	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware National Estuarine Research Reserve Operations, Education and Monitoring	$1,407,150	$417,878	$185,187	4.60	1.70	0.00
41	3628	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware Coastal Management Program Implementation Grant	$3,115,600	$2,805,318	$142,282	9.40	8.60	0.00
42	2018-05-31-01	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Radiological Emergency Preparedness Program	$0	$0	$1,281,983	10.45	0.00	0.00
43	3649	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Vocational Rehabilitation Services	$12,076,795	$3,288,000	$0	72.40	0.00	0.00
44	3651	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Supported Employment Services	$258,000	$22,875	$0	0.00	0.00	0.00
45	3657	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Independent Living Services	$305,350	$33,928	$0	1.00	0.00	0.00
46	3655	Department of Agriculture, Food Products Inspection	Public Health Data Communication Infrastructure System	$1,800	$0	$0	0.00	0.00	0.00
47	3276 Amendment	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	$2,877,831	$0	$0	0.00	0.00	0.00

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Higher Education

1	2018-07-14-02	HE/University of Delaware	NSF FW-HTF Theme 1 - Mathematical Cognition Augmentation with Interactive Technology (MCAIT)	$1,186,478	$0	$0
2	2018-07-14-03	HE/University of Delaware	Planning Grant: Engineering Research Center for Innovation in Self-Sustainable Automation / CISSA	$62,398	$0	$0
3	2018-07-14-04	HE/University of Delaware	Digital Manufacturing Development (D-ManD)	$17,637,675	$0	$0
4	2018-07-14-05	HE/University of Delaware	Assessing and Remediating the Effects of Invasive Shrubs in Urban Forest Fragments	$7,500	$0	$0
5	2018-07-14-06	HE/University of Delaware	Supplement to Existing COBRE Award	$0	$0	$160,000
6	2018-07-14-07	HE/University of Delaware	Planning Grant: Engineering Research Center for Scalable Microstructures or Universal Reinforced Composite Feedstock (SURF)	$64,102	$0	$0
7	2018-07-14-08	HE/University of Delaware	Toolkit for Fast, Multipurpose and Inducible Bioorthogoal Chemistry	$1,168,357	$0	$0
8	2018-07-14-09	HE/University of Delaware	High-Efficiency Reversible Alkaline Membrane Fuel Cells	$0	$0	$160,257
9	2018-07-14-10	HE/University of Delaware	Quantifying Phase-Space Fluctuations of Solar-Wind Ions	$385,092	$0	$0
10	2018-07-14-11	HE/University of Delaware	Implementing the Land Bird Monitoring Protocol for the National Park Service Units of the National Capital Region Network.	$35,445	$0	$0
11	2018-07-14-12	HE/University of Delaware	Planning Grant: Engineering Research Center for Millimeterwave Sub-Millimeter, and Terahertz arraYs (MISTY)	$64,102	$0	$0
12	2018-07-14-13	HE/University of Delaware	DOS FY2018 Study of the U.S. Institutes for Scholars and Secondary Educators	$255,888	$0	$0
13	2018-07-14-14	HE/University of Delaware	Long-Acting Buprenorphine vs. Naltrexone Opioid Treatments in CJS-Involved Adults	$0	$0	$125,620
14	2018-07-14-15	HE/University of Delaware	Biogen Lectureship - University of Delaware	$0	$0	$1,748
15	2018-07-14-16	HE/University of Delaware	Sarcopenia, Sedentary Behavior, and Physical Function in Long-term Care Community Residents	$0	$0	$5,520
16	2018-07-14-17	HE/University of Delaware	2018 Sea Grant Institutional Base Adjustment	$139,860	$0	$0
17	2018-07-14-18	HE/University of Delaware	Coupling Climate and Groundfish Species Distribution Models with Economic Models of Fishing Location Decisions to Assess Community Vulnerability	$97,656	$0	$0
18	2018-07-14-19	HE/University of Delaware	Preparation of Alkyl Silanes	$0	$0	$6,000

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19	2018-07-14-20	HE/University of Delaware	Novel Alkaline Exchange Membranes with Significantly Improved Stability, Low Swelling and High Ionic Conductivity for Application in Alkaline Fuel Cells	$51,282	$0	$0
20	2018-07-14-21	HE/University of Delaware	Nanomaterial Construction through Peptide Computational Design and Hierarchical Solution Assembly	$398,765	$0	$0
21	2018-07-14-22	HE/University of Delaware	Decoding the Non-Canonical Polyubiquitin Chains using Chemical Approaches	$1,250,000	$0	$0
22	2018-07-14-23	HE/University of Delaware	Discovery of Chemical Probes and Therapeutic Leads	$1,337,797	$0	$0
23	2018-07-14-24	HE/University of Delaware	DASL will provide District Office Administrative Staff from Cecil County Public School Professional Development in order to Enhance their Skills, Knowledge and Practice through Job-Embedded Inquiry Related to Local Problems of Practice.	$0	$0	$15,634
24	2018-07-14-25	HE/University of Delaware	A Multimodal-Imaging Investigation into the Impact of Myelination & Testosterone on Emotion-Regulation Circuitry & Anxiety	$275,000	$0	$0
25	2018-07-14-26	HE/University of Delaware	Amanda Zahorik NOAA Ocean Acidification Fellowship 2018	$45,026	$0	$0
26	2018-07-14-27	HE/University of Delaware	The Professional Development Center for Educators will provide Professional Development Across all Content Areas to Elementary and Secondary Teachers at Laurel School District.	$0	$0	$24,533
27	2018-07-14-28	HE/University of Delaware	The Professional Development Center for Educators will provide Professional Development to Teachers at Laurel Middle School in the Areas of Science, Social Studies, and Literacy.	$0	$0	$22,730
28	2018-07-14-29	HE/University of Delaware	Nonvolatile Organic Logic Devices on a CMOS Platform	$0	$0	$101,822
29	2018-07-14-30	HE/University of Delaware	Supplement to PCMHAB: The Dinoflagellate-Specific Algicide IRI-160AA: Isolation, Characterization and Potential Impacts on Ecologically Relevant Metazoan Species	$67,732	$0	$0
30	2018-07-14-31	HE/University of Delaware	The Professional Development Center for Educators will provide Professional Development Across all Content Areas to Teachers at Laurel High School.	$0	$0	$30,746
31	2018-07-14-32	HE/University of Delaware	The Professional Development Center for Educators will provide Coaching Support to Teachers in Grades 1-5 Implementing the Bookworms Reading and Writing Curriculum.	$0	$0	$22,519
32	2018-07-14-33	HE/University of Delaware	The Professional Development Center for Educators will provide Coaching Support to Kindergarten Teachers Implementing the Bookworms Reading and Writing Curriculum.	$0	$0	$11,259
33	2018-07-14-34	HE/University of Delaware	The Professional Development Center for Educators will provide Literacy Support and Coaching in Bookworms Reading and Writing to North Laurel Elementary school.	$0	$0	$1,126
34	2018-07-14-35	HE/University of Delaware	Evaluating Changes in Muscle Function and Properties after Posterior Lumbar Interbody Fusion	$0	$0	$34,178
35	2018-07-14-36	HE/University of Delaware	Role of Turbulence in Suprathermal Particle Energization Statistics of Intermittency Discontinuities and Dissipation in Interplanetary Turbulence from Earth Orbit to the Outer Helisophere	$342,615	$0	$0
36	2018-07-14-37	HE/University of Delaware	The Attribute Alignment Framework: A Novel Solution to Team Aggregation	$298,460	$0	$0
37	2018-07-14-38	HE/University of Delaware	Cell Adaptation to Biomaterials with Focus on Biomaterial Stiffness and Cell Mechanical Memory	$0	$0	$30,640

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38	2018-07-14-39	HE/University of Delaware	Div. of Health and Human Services, Admin. For Children and Families, Admin on Developmental Disabilities, Center for Disabilities (Yr 2 of 5 Year grant)	$21,296	$0	$0
39	2018-07-14-40	HE/University of Delaware	Mechanism of a Mimetic Peptide CK2.3 on Bone Formation	$1,250,000	$0	$0
40	2018-07-14-41	HE/University of Delaware	Megakaryocyte Membrane-Wrapped Nanoparticles for RNA Delivery to Hematopoietic Stem Cells	$275,001	$0	$0
41	2018-07-14-42	HE/University of Delaware	Memories of Robot-Assisted Motor Learning and Brain Functional	$0	$0	$62,501
42	2018-07-14-43	HE/University of Delaware	Federal and State Technology Partnership Program (FAST) FAST-2018-R-0012A	$114,679	$0	$0
43	2018-07-14-44	HE/University of Delaware	Millimeter-Wave Modulators for Sparse Aperture Imagers	$0	$0	$32,049
44	2018-07-14-45	HE/University of Delaware	W-Band RF Instrumentation	$0	$0	$32,049
45	2018-07-14-46	HE/University of Delaware	StretchfMRI: a New Technique to Study the Brainstem Correlates of Long-Latency Responses	$293,182	$0	$0
46	2018-07-14-47	HE/University of Delaware	Multifunctional Collagen Mimetic Materials to Enhance Bone Repair	$217,798	$0	$0
47	2018-07-14-48	HE/University of Delaware	Educating the Educators and Promoting Certification Maintenance	$0	$0	$2,394
48	2018-07-14-49	HE/University of Delaware	Evaluation of Cover Crop Termination Timing, Soil Nitrate Availability and Crop Emergence	$175,495	$0	$0
49	2018-07-14-50	HE/University of Delaware	Promega Sponsorship Agreement	$0	$0	$1,748
50	2018-07-14-51	HE/University of Delaware	SHF: Small: PAW: Novel Functionality in Programming Models to Productively Abstract Wavefront Parallel Pattern	$270,786	$0	$0
51	2018-07-14-52	HE/University of Delaware	Programmatic Success Strategies for At-Risk Students	$0	$0	$10,000
52	2018-07-14-53	HE/University of Delaware	CRA MEDE Congressional Plus Up 2018	$0	$0	$759,368
53	2018-07-14-54	HE/University of Delaware	Dr. O'Malley will Serve as Advisor for the CCSSO Assessment, Curriculum, and Instruction Workgroup, Organizing National Meetings & Associated Agenda, Professional Learning, Reports & Deliverables, & Webinars Held Between Meetings.	$0	$0	$28,346
54	2018-07-14-55	HE/University of Delaware	The Delaware Academy for School Leadership (DASL) will Support the NASSP in Long Beach, CA.	$0	$0	$9,391
55	2018-07-14-56	HE/University of Delaware	ECOHAB: The Role of Nitric Oxide in Promoting Heterosigma Blooms	$556,298	$0	$0
56	2018-07-14-57	HE/University of Delaware	Investigation Proposal for Tyrrhenian Sea MIAs	$0	$0	$131,269

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57	2018-07-14-58	HE/University of Delaware	Coupled Infusion-Cure Modeling Simulation for Low-Cost Composite Parts for Process Defects and Geometric Conformity	$0	$0	$29,435
58	2018-07-14-59	HE/University of Delaware	Rewiring Biomass Conversion with Engineered Microbial Consortia Targeting Product-Chain Elongation and Complete Carbon Utilization	$2,421,289	$0	$0
59	2018-07-14-60	HE/University of Delaware	Plasma-Enhanced Co-Electrolysis for High Efficiency Urea Synthesis from Flue Gas	$609,490	$0	$0
60	2018-07-14-61	HE/University of Delaware	SES and Social Support among Breast Cancer Survivors: A Feasibility Study	$100,000	$0	$0
61	2018-07-14-62	HE/University of Delaware	Enabling Functionality Through Solid State Additive Manufacturing	$196,154	$0	$0
62	2018-07-14-63	HE/University of Delaware	Pfizer Cross Couplings of Alkyl Pyridinium Salts	$0	$0	$42,486
63	2018-07-14-64	HE/University of Delaware	Cross-Cutting Metrology Tools for In Operando Characterization of Carrier Dynamics in Photovoltaic Devices	$51,282	$0	$0
64	2018-07-14-65	HE/University of Delaware	Identifying Circuits and Mechanisms via which Basal Forebrain Cholinergic Neurons Facilitate Fear Memory	$1,075,000	$0	$0
65	2018-07-14-66	HE/University of Delaware	Estimating Bioavailability of a Rumen Protected Lysine Prototype and Quantifying Fecal Choline Output and Changes in Plasma Choline Metabolites in Response to Feeding Rumen Protected Choline	$0	$0	$55,346
66	2018-07-14-67	HE/University of Delaware	In-stream Flue-Gas CO2 Reduction on Coordinated Ni Single Atom Catalyst with High Product Selectivity and Poison Resistance	$0	$0	$161,127
67	2018-07-14-68	HE/University of Delaware	Direct Synthesis of High-Performance Polymers from Depolymerized Raw Lignocellulosic Biomass	$1,365,520	$0	$0
68	2018-07-14-69	HE/University of Delaware	Vulnerability of the Largest U.S. Estuary to Acidification: Implications of Declining pH for Shellfish Hatcheries in the Chesapeake Bay	$0	$0	$12,041
69	2018-07-14-70	HE/University of Delaware	Conversion of Waste CO2 into Isopropanol	$0	$0	$352,037
70	2018-07-14-71	HE/University of Delaware	Stress, Sleep, and Memory Consolidation: Socioeconomic Disparities in Language Learning	$275,000	$0	$0
71	2018-07-14-72	HE/University of Delaware	The Role of Non-Coding RNAs in Epilepsy of Tuberous Sclerosis Complex and Focal Cortical Dysplasia Type 2B	$0	$0	$66,740
72	2018-07-14-73	HE/University of Delaware	High Speed Radiation Robust GaN Heterojunction Bipolar Transistors for Space Applications	$71,859	$0	$0
73	2018-07-14-74	HE/University of Delaware	Synthesis and Observation of Emergent Phenomena in Epitaxial Heusler Compound Heterostructures	$0	$0	$157,640
74	2018-07-14-75	HE/University of Delaware	Determinants of Concussion Recovery and Predictors of Subsequent Musculoskeletal Injuries	$2,871,771	$0	$0
75	2018-07-14-76	HE/University of Delaware	Effects of Lipidomc Diversity on GPCR	$108,404	$0	$0

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76	2018-07-14-77	HE/University of Delaware	Adaptive and Maladaptive Neural Network Responses to Inhibitory Challenges	$1,926,252	$0	$0
77	2018-07-14-78	HE/University of Delaware	Dover/Smyrna Healthy Neighborhood Open Streets Initiative	$0	$0	$10,046
78	2018-07-14-79	HE/University of Delaware	Multi-Sensor Graph Calibration Software Integration and Testing	$0	$0	$0
79	2018-07-14-80	HE/University of Delaware	A Hydrogel-Based Cellular Model of the Human Vocal Fold	$60,001	$0	$0
80	2018-07-14-81	HE/University of Delaware	Reducing Mercury Use and Increasing Transparency in Ghana's Artisanal and Small-Scale Gold Mining Sector	$0	$0	$52,549
81	2018-07-14-82	HE/University of Delaware	Developing "Best Practices" for the Delivery of Commercially Available Modified Live Vaccines: Improving Efficacy and Reducing Persistence In Chickens	$0	$0	$66,668
82	2018-07-14-83	HE/University of Delaware	Biomaterials to Improve Outcomes after Vascular Surgery	$0	$0	$604,094
83	2018-07-14-84	HE/University of Delaware	Two Color Array of Superlattice LEDs (TCASLEDs)	$0	$0	$922,886
84	2018-07-14-85	HE/University of Delaware	Scalable Epitaxial Synthesis of Advanced Transition Metal Dichalcogenide Materials and Heterostructures for Next-Generation Devices	$264,385	$0	$0
85	2018-07-14-86	HE/University of Delaware	A Plasticity and Reprogramming Paradigm for Therapy Resistance at the Single Cell Level	$0	$0	$194,999
86	2018-07-21-01	HE/Delaware State University	Spectroscopic Biosignature Detection in Rock Samples	$19,982	$0	$0
87	2018-07-21-02	HE/Delaware State University	Fall 2018 Complete the Course Binge Drinking & Amphetamines/Ritalin Misuse Campaign	$17,736	$0	$0
88	2018-07-21-03	HE/Delaware State University	Delaware Native American Farming Education Initiative	$83,332	$0	$0
89	2018-07-21-04	HE/Delaware State University	Delaware State University SNAP-ED Program	$385,374	$0	$0
90	2018-07-21-05	HE/Delaware State University	Effect of a Differential Expression of APOE Isoforms on Cholinergic Neuron Synaptic Physiology during Aging	$266,240	$0	$0
91	2014-05-31-11	HE/Delaware State University	Quantitative Image Analysis Techniques for Studies of Aging Phenotypes & Age Related Diseases ent	$54,207.00	$0	$0
92	2018-07-21-06	HE/Delaware State University	Assessment of Gulf Sturgeon (Acipenser Oxyrhynchus Desotoi) Spawning Races in the Choctawhatchee River Basin, Alabama/Florida	$59,660	$0	$19,925
93	2018-07-21-07	HE/Delaware State University	Effect of a Differential Expression of APOE Isoforms on Cholinergic Neuron Synaptic Physiology during Aging	$395,219	$0	$0
94	2018-07-21-08	HE/Delaware State University	Education and Workforce Development Preventing Foodborne Illness from Food Products Sold at Farmers' Markets in the Delaware, Maryland, and Virginia (DelMarVa) Region	$150,210	$0	$0

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95	2018-07-21-09	HE/Delaware State University	SUMOylation of Alpha-Synuclein as a Regulatory Target in Parkinson's Disease	$438,000	$0	$0
96	2018-07-21-10	HE/Delaware State University	Broadband Uncooled IR Detector Based on Nano-Electromechanical Systems (NEMS)	$41,249	$0	$0

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Delaware State Clearinghouse Committee
August Agenda

August 28, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	3664	Judicial, Administrative Office of the Courts - Court Services, Office of the State Court Administrator	Community Court Grant Program	$200,000	$0	$0	0.00	0.00	0.00
2	3675	Department of Health and Social Services, Public Health, Community Health	State Physical Activity and Nutrition Program	$992,221	$0	$0	0.50	0.00	0.00
3	3689	Department of Education	Advancing Wellness and Resiliency in Education	$9,000,000	$0	$0	0.00	0.00	0.00
4	3721	Department of Education	Temporary Impact Aid for Displaced Students	$499,875	$0	$0	0.00	0.00	0.00
Continued									
5	3665	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	State Health Insurance Assistance Program	$454,249	$0	$0	2.00	0.00	0.00
6	3692	Department of State, Office of the Secretary, Administration	State Trade Expansion Program	$297,884	$99,294	$0	0.00	0.00	0.00
7	3618	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer for Children	$351,145	$0	$0	0.39	0.00	0.00
8	3653	Department of Health and Social Services, State Service Centers	Community Services Block Grant	$3,756,915	$0	$0	1.75	0.00	0.00
9	3654	Department of Health and Social Services, State Service Centers	Access and Visitation Program	$100,000	$51,427	$0	0.00	0.00	0.00
10	3659	Department of Health and Social Services, Public Health, Community Health	Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke	$8,656,758	$0	$0	5.00	0.00	0.00
11	3661	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Food	$10,654,777	$4,900,000	$0	0.00	0.00	0.00
12	3662	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Administration	$5,945,733	$0	$0	49.00	0.00	0.00
13	3667	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Hospice	$22,000	$0	$0	0.18	0.00	0.00
14	3671	Department of Health and Social Services, Public Health, Community Health	Lead-Based Paint Program - Certification	$277,154	$0	$0	1.50	0.00	0.00
15	3672	Department of Health and Social Services, Public Health, Community Health	Lead-Based Paint Program - Enforcement	$43,980	$0	$0	0.00	0.00	0.00
16	3673	Department of Health and Social Services, Public Health, Community Health	Delaware Violent Death Reporting System	$435,441	$0	$0	1.00	0.00	0.00
17	3676	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Medicare	$1,637,789	$0	$0	10.12	0.00	0.00
18	3677	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Medicaid	$935,673	$505,093	$0	9.10	5.98	0.00
19	3694	Department of Health and Social Services, Administration, Office of the Secretary	State Loan Repayment Program	$250,000	$258,400	$0	0.00	0.00	0.00
20	3696	Department of Health and Social Services, State Service Centers	AmeriCorps State Formula	$688,419	$0	$700,653	0.00	0.00	0.00
21	3702	Department of Health and Social Services, Social Services	Refugee Cash and Medical Assistance Program	$141,960	$0	$0	1.41	0.00	0.00

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22	3716	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	Strategic Prevention Framework for Prescription Drugs	$370,502	$0	$0	0.00	0.00	0.00
23	3699	Department of Services for Children, Youth and Their Families, Family Services, Intake/Investigation	Child Abuse Prevention and Treatment Act	$111,530	$0	$0	1.00	0.00	0.00
24	3719	Department of Services for Children, Youth and Their Families, Prevention and Behavioral Health Services, Prevention/Early Intervention	Linking Actions for Unmet Needs in Children's Health	$800,000	$0	$0	0.00	0.00	0.00
25	3720	Department of Services for Children, Youth and Their Families, Prevention and Behavioral Health Services, Prevention/Early Intervention	Suicide Prevention and Early Intervention Project	$736,000	$0	$0	0.00	0.00	0.00
26	3722	Department of Services for Children, Youth and Their Families, Prevention and Behavioral Health Services, Periodic Treatment	Community Outreach, Referral and Early Intervention	$1,000,000	$0	$0	0.00	0.00	0.00
27	3723	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E - Adoption Assistance	$1,900,000	$1,900,000	$0	0.00	0.00	0.00
28	2382 Amendment 2	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Preliminary Assessment/Site Inspection	$200,765	$0	$0	1.20	0.00	0.00
29	2405 Amendment 3	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Brownfields Revitalization	$452,428	$0	$0	2.70	0.00	0.00
30	2899 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Development Program	$405,000	$135,000	$0	0.58	0.14	0.00
31	3206 Amendment	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	State Clean Diesel Grant Program	$411,273	$274,710	$2,054,247	0.00	0.00	0.00
32	3216 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware Hunter Education Program	$134,500	$32,500	$0	0.40	0.00	0.00
33	3619	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund	$7,859,000	$1,571,800	$0	0.00	0.00	0.00
34	3633	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Joint Enforcement Agreement	$215,500	$647	$0	2.10	0.00	0.00
35	3660	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - CORE	$145,903	$29,440	$0	1.50	0.30	0.00
36	3663	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Beaches Environmental Assessment and Coastal Health Act	$206,000	$0	$0	0.00	0.00	0.00
37	3669	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Watershed Stewardship	Water Pollution Control	$3,642,165	$774,690	$0	6.30	0.00	0.00
38	3670	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Water Quality Management - Planning	$100,000	$0	$0	0.00	0.00	0.00
39	3674	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Delaware Groundwater Protection Program	$927,360	$0	$0	3.00	0.00	0.00
40	3700	Department of Natural Resources and Environmental Control, Natural Resources, Watershed Stewardship	Cooperating Technical Partnership	$100,000	$0	$0	0.67	0.00	0.00
41	3703	Department of Natural Resources and Environmental Control, Natural Resources, Watershed Stewardship	Dam Safety Program	$46,833	$0	$0	0.00	0.00	0.00
42	3693	Department of Labor, Vocational Rehabilitation, Disability Determination Services	Disability Determination Service	$7,952,236	$0	$0	49.00	0.00	0.00
43	3727	Department of Labor, Unemployment Insurance	Unemployment Insurance Administration Grant	$11,419,424	$0	$0	127.00	0.00	0.00
44	3729	Department of Labor, Unemployment Insurance	Trade and Alternative Trade Adjustment Assistance	$2,000,000	$0	$0	0.00	0.00	0.00
45	3656	Department of Agriculture, Administration	Specialty Crop Block Grant - Farm Bill	$362,305	$0	$0	0.00	0.00	0.00
46	3679	Delaware National Guard	Air National Guard Operations and Maintenance Agreement	$3,976,828	$509,541	$0	44.00	4.00	0.00

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47	3680	Delaware National Guard	Army National Guard Environmental Resource Management Agreement	$500,320	$0	$0	5.00	0.00	0.00
48	3681	Delaware National Guard	Air National Guard Security Guard Agreement	$1,521,967	$0	$0	21.00	0.00	0.00
49	3682	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	$11,687,671	$1,851,833	$0	18.50	10.50	0.00
50	3705	Department of Education	Child Nutrition State Administrative Expense	$1,089,791	$262,478	$0	4.10	2.50	0.00
51	3706	Department of Education	School Breakfast Program	$14,745,081	$0	$0	0.00	0.00	0.00
52	3707	Department of Education	National School Lunch Program	$38,608,220	$487,127	$0	0.00	0.00	0.00
53	3708	Department of Education	Special Milk Program	$28,868	$0	$0	0.00	0.00	0.00
54	3709	Department of Education	Child and Adult Care Food Program	$16,955,939	$0	$0	2.00	0.00	0.00
55	3710	Department of Education	Cash in Lieu Child and Adult Care Food Program	$969,205	$0	$0	0.00	0.00	0.00
56	3711	Department of Education	Child and Adult Care Food Program-Sponsor	$664,322	$0	$0	0.00	0.00	0.00
57	3712	Department of Education	Summer Food Service Program	$2,453,977	$0	$0	0.40	0.00	0.00
58	3713	Department of Education	Fresh Fruit and Vegetable Program	$1,914,105	$0	$0	0.00	0.00	0.00
59	3714	Department of Education	Equipment Assistance Grant National School Lunch Program	$92,052	$0	$0	0.00	0.00	0.00

Higher Education

1	3627	HE/Delaware Technical and Community College	STEM UP Delaware	$484,400	$0	$0
2	3728	HE/Delaware Technical and Community College	Epscor- Water Security in DE Chang Coastal Environment	$1,045,435	$0	$0
3	2018-08-04-01	HE/Delaware State University	USAF A-C-E Flight Training Program	$206,000	$0	$0
4	2018-08-04-02	HE/Delaware State University	Instrument Development for Atom-Based Millimeter Wave Sensing using Two-Photon Rydberg Spectroscopy	$239,908	$0	$0
5	2018-08-04-03	HE/Delaware State University	Delaware State University Historical Black Colleges and Universities Initiative MBDA Response	$849,503	$0	$0
6	2018-08-04-04	HE/Delaware State University	Acquisition of an X-ray Diffraction (XRD), System for Research and Educating Training of Students on Device Characterization	$241,360	$0	$0
7	2018-08-04-05	HE/Delaware State University	Delaware Native American Outreach	$10,000	$0	$0
8	2018-08-04-06	HE/Delaware State University	USDA AFRI EWD Pre-Doctoral	$60,000	$0	$0
9	2018-08-04-07	HE/Delaware State University	Wide Working Range Test for the Diagnosis of Immune Mediated Disease in Animals	$50,000	$0	$0

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10	2018-08-04-08	HE/Delaware State University	Quantitative Image Analysis Techniques for Studies of Aging Phenotypes and Age-Related Diseases	$255,021	$0	$0
11	2018-08-04-09	HE/Delaware State University	Establishing a Satellite Lab and Ag Science Program for Teachers' Educational Development	$149,133	$0	$0
12	2018-08-04-10	HE/Delaware State University	Caroline County Underground Railroad Project	$40,000	$0	$0
13	2018-08-04-11	HE/Delaware State University	Evaluation of Njangsa Oil Seed on Meat Quality and Lactation	$199,991	$0	$0
14	2018-08-04-12	HE/Delaware State University	Enhancing Meat Goat Performance Using Lactic Acid Isolated	$200,000	$0	$0
15	2018-08-04-13	HE/Delaware State University	Ag Discovery Summer Enrichment	$54,084	$0	$0
16	2018-08-04-14	HE/Delaware State University	Federal Work-Study (FWS)	$194,699	$0	$0
17	2018-08-04-16	HE/Delaware State University	Federal Supplemental Educational Opportunity Grant	$215,568	$0	$0
18	2018-08-11-01	HE/University of Delaware	Direct Digital Manufacturing of Electromagnetically Functionalized Structural Composites	$399,415	$0	$0
19	2018-08-11-02	HE/University of Delaware	Using Hippocampal-Prefrontal Theta Synchrony to Enhance Spatial Working Memory	$250,000	$0	$0
20	2018-08-11-03	HE/University of Delaware	EAGER: Measuring Real World Application Performance on Next-Generation Computing Systems	$0	$0	$94,073
21	2018-08-11-04	HE/University of Delaware	NSF CAREER: Topological Coding and Structure in Neural Systems	$473,263	$0	$0
22	2018-08-11-05	HE/University of Delaware	Nearfield Scanning Optical Characterization of Composite Materials	$307,795	$0	$0
23	2018-08-11-06	HE/University of Delaware	Illinois Council on Developmental Disabilities Strategic Direction Training	$0	$0	$19,856
24	2018-08-11-07	HE/University of Delaware	The Influence of Dietary Sodium on Cerebrovascular Reactivity	$0	$0	$53,688
25	2018-08-11-08	HE/University of Delaware	Net-Shape Manufacturing of Complex Geometry Carbon Fiber Composite Small Parts with Aerospace Quality	$395,000	$0	$0
26	2018-08-11-09	HE/University of Delaware	Instrumentation Systems for Terahertz Photonic Device Development	$566,721	$0	$0
27	2018-08-11-10	HE/University of Delaware	Injectable Intraneural Interfaces	$0	$0	$180,366
28	2018-08-11-11	HE/University of Delaware	CAREER: Gas Storage and Separation with Porous Coordination Cage-Based Materials	$599,018	$0	$0

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29	2018-08-11-12	HE/University of Delaware	Acoustical Oceanography of Shelf Break Regions	$596,892	$0	$0
30	2018-08-11-13	HE/University of Delaware	A Multi-Sensor System for Simultaneous Measurement of Sound, Particle Motion, Video, and Seabed Vibration in Shallow Water Environments	$499,711	$0	$0
31	2018-08-11-14	HE/University of Delaware	Novel Methods for Removal of Pathogens and Nanoparticles from Fresh Produce and Food Contact Surfaces	$360,249	$0	$0
32	2018-08-11-15	HE/University of Delaware	Managing Cultural Resources of the Historic Mid-Atlantic: Center for Historic Architecture and Design, University of Delaware	$157,857	$0	$0
33	2018-08-11-16	HE/University of Delaware	CAREER: Creating Efficient Infrared Emitters by Increasing Radiative Recombination	$337,783	$0	$0
34	2018-08-11-17	HE/University of Delaware	Living in a Noisy World: Examining the Role of the Listening Environment on Language Development in Latino Dual-Language Learners	$386,410	$0	$0
35	2018-08-11-18	HE/University of Delaware	The Impact of Naturally Occurring and Experimentally Manipulated Interracial Contact on Social Cognition	$412,597	$0	$0
36	2018-08-11-19	HE/University of Delaware	CAREER: A Multifaceted Intervention to Reduce Prejudice Among Adolescents	$410,684	$0	$0
37	2018-08-11-20	HE/University of Delaware	CIF21 DIBBs: PD: Cyberinfrastructure Tools for Precision Agriculture in the 21st Century	$0	$0	$155,148
38	2018-08-11-21	HE/University of Delaware	Co-Optimizing Production and Performance of Lignocellulosic Ketone/Alcohol Mixes as Diesel Blendstocks	$0	$0	$247,910
39	2018-08-11-22	HE/University of Delaware	Benefits of Whole Soy Dietary Intake on Inflammation Reduction and Cancer Prevention	$361,531	$0	$0
40	2018-08-11-23	HE/University of Delaware	Promoting HIV Testing and Linkage to Treatment and Prevention Among Low-Income Women and their Partners in a Community Setting	$0	$0	$17,236
41	2018-08-11-24	HE/University of Delaware	Engineering Aerial Roots for Plant Stability	$0	$0	$10,000
42	2018-08-11-25	HE/University of Delaware	Identification of Wooden Breast Onset and the Fundamental Mechanism Leading to a Reduction in Muscle Structure, Broiler Health and Animal Well-Being	$0	$0	$120,890
43	2018-08-11-26	HE/University of Delaware	CAREER: Ecosystem Impacts and Recovery from Non-Native Plant Invaders in Forests - NIP IT (Non-native Invasive Plant Integrated Training)	$556,179	$0	$0
44	2018-08-11-27	HE/University of Delaware	Supplement to Award #1559279 "Collaborative Research: pH Dynamics and Interactive Effects of Multiple Processes in a River-Dominated Eutrophic Coastal Ocean"	$37,100	$0	$0
45	2018-08-11-28	HE/University of Delaware	4-H National Mentoring Program (NMP7) Citizen Washington Focus Supplement	$0	$0	$9,554
46	2018-08-11-29	HE/University of Delaware	Tele-Rehabilitation After TKA	$0	$0	$293,059
47	2018-08-11-30	HE/University of Delaware	Develop Lightweight Composite Materials in Support of the U.S. Navy Hyper Velocity Projectile (HVP) Program	$0	$0	$36,127

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48	2018-08-11-31	HE/University of Delaware	The Effects of Robot-Mediated Motor Adaptation Training on Brain Functional Connectivity in Stroke	$0	$0	$53,688
49	2018-08-11-32	HE/University of Delaware	FCC NDBEDP National Deaf-Blind Equipment Distribution Program	$62,828	$0	$0
50	2018-08-11-33	HE/University of Delaware	Functional Microbiome Approaches to Modulate Soil Water Retention to Improve Drought Tolerance in Plants	$356,115	$0	$0
51	2018-08-11-34	HE/University of Delaware	Computational Approaches To Characterizing The Avian Respiratory Viral Microbiome	$48,532	$0	$0
52	2018-08-11-35	HE/University of Delaware	Ammonium regulation of Primary Production in the Delaware River	$0	$0	$50,422
53	2018-08-11-36	HE/University of Delaware	CAREER: Understanding Development: Using Fluid Flows to Direct Multiscale Self-Assembly and Hierarchical Remodeling of Vascular Tissues	$343,505	$0	$0
54	2018-08-11-37	HE/University of Delaware	CAREER: Autonomous Cloudlet Management: Enabling Mobility-Aware Edge Computing	$334,611	$0	$0
55	2018-08-11-38	HE/University of Delaware	A Perceptual Model of Racial Bias in Pain Care	$319,737	$0	$0
56	2018-08-11-39	HE/University of Delaware	Type-II: Deep Learning and Combinatorial Algorithms for Inorganic Crystal Structure Prediction	$0	$0	$70,127
57	2018-08-11-40	HE/University of Delaware	University of Delaware Upward Bound Math and Science STEM supplemental Initiative	$37,148	$0	$0
58	2018-08-11-41	HE/University of Delaware	Hippocampal-Thalamo-Prefrontal Circuitry Damage and Therapeutic Intervention in a Model of FASD	$1,567,945	$0	$0
59	2018-08-11-42	HE/University of Delaware	Florida Developmental Disabilities Network Collaborative Leadership Program Supplemental Proposal	$0	$0	$17,411
60	2018-08-11-43	HE/University of Delaware	The Professional Development Center for Educators will Provide Professional Development and Coaching to K-8 Science Teachers to Support Teacher Knowledge and Student Engagement with the Science Fusion Curriculum	$0	$0	$6,187
61	2018-08-11-44	HE/University of Delaware	Morphological and Molecular Control of Brace Root Initiation in Maize	$354,020	$0	$0
62	2018-08-11-45	HE/University of Delaware	NSF CAREER: Algebraic and Combinatorial Techniques in Positivity Preserver Problems, and Application to Data Science	$332,692	$0	$0
63	2018-08-11-46	HE/University of Delaware	A Two Million Year History of Upwelling in the Antarctic Zone of the Southern Ocean	$85,334	$0	$0
64	2018-08-11-47	HE/University of Delaware	CAREER: A New Geopolitics of Food: Perceptions and (Dis)Embodied Practices of Infant Feeding in the Neonatal Intensive Care Unit	$285,577	$0	$0
65	2018-08-11-48	HE/University of Delaware	CAREER: Sparse Associative Deep Learning using Neural Mimicry in Multimodal Machine Learning	$0	$0	$90,808
66	2018-08-11-50	HE/University of Delaware	Implementing the Land Bird Monitoring Protocol for the National Park Service Units of the National Capital Region Network	$29,133	$0	$0

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67	2018-08-11-51	HE/University of Delaware	CAREER: Multi-Robot Cooperative Estimation in the Wild	$336,699	$0	$0
68	2018-08-11-52	HE/University of Delaware	CAREER: Design of Multifunctional Networks Using PhotoCuAAC Reactions	$336,362	$0	$0
69	2018-08-11-53	HE/University of Delaware	CAREER: Seeing Inside Unsaturated Soils with Spectral X-Ray Computed Tomography: the Stepping Stool in Bridging the Micro to Macro Modeling of their Mechanical Response to Loading	$360,623	$0	$0
70	2018-08-11-54	HE/University of Delaware	Capacity and Infrastructure Program Part (a) of the Continuing Animal Health and Disease, Food Security, and Stewardship Research, Education and Extension Program for 2018	$19,463	$0	$0
71	2018-08-11-55	HE/University of Delaware	Nature of Interplanetary Low Energy Electrons and Positrons	$1,281,746	$0	$0
72	2018-08-11-56	HE/University of Delaware	Collaborative Research: Stability of Carbon-Mineral Complexation: Consequences of Microbial Iron Reduction and Redox Gradients	$155,154	$0	$0
73	2018-08-11-57	HE/University of Delaware	CAREER: Mechanosensing at the Interface of Dissimilar Tissues: Elucidating the Mechanobiology of the Tendon-Bone Attachment	$334,027	$0	$0
74	2018-08-11-58	HE/University of Delaware	Career: Enhancing Low Power and High Speed Performance of III-V MOSFETs on Silicon with Superacid Treatment	$341,946	$0	$0
75	2018-08-11-59	HE/University of Delaware	Elucidation of Metal (Mordant)-Dye Interactions and Development of Database for Non-Destructive Analysis of Archaeological and Historical Textiles	$411,569	$0	$0
76	2018-08-11-60	HE/University of Delaware	CAREER: Elastic, 3D-Printed Human Lung Replicas as a Platform Technology for Pulmonary Deposition, Lung Dynamics, and Therapeutic Applications	$436,479	$0	$0
77	2018-08-11-61	HE/University of Delaware	CAREER: Neuromechanics of Human-Robot Interaction Via Robot-Assisted In-Vivo Imaging of Neuromuscular Function	$335,876	$0	$0
78	2018-08-11-62	HE/University of Delaware	Elucidating New Mechanisms of Topoisomerase II Regulation in Meiotic Chromosome Segregation	$0	$0	$136,363
79	2018-08-11-63	HE/University of Delaware	Convergence: RAISE Nearshore Water-Land Interface During Extreme Storms	$0	$0	$32,438
80	2018-08-11-64	HE/University of Delaware	Christiana Care Health Care Services Research	$0	$0	$131,687
81	2018-08-11-65	HE/University of Delaware	The Role of Exosomes in Marek's Disease Virus Pathogenesis and Immunity	$366,433	$0	$0
82	2018-08-11-66	HE/University of Delaware	Effective Vaccines Against Infectious Bronchitis Virus in Chickens	$0	$0	$70,922
83	2018-08-11-67	HE/University of Delaware	CAREER: Mapping Pain: Visualizing Health and Disability During an Opioid Epidemic	$278,240	$0	$0
84	2018-08-11-68	HE/University of Delaware	NSF CAREER: Graph Limits; a New Outlook on the Seriation Problem	$308,848	$0	$0
85	2018-08-11-69	HE/University of Delaware	US Department of Education - Center of Early Science, Technology, Engineering, and Math Learning for Young Children with Disabilities	$0	$0	$513,279

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86	2018-08-11-70	HE/University of Delaware	Consistent Visual-Inertial State Estimation	$0	$0	$80,000
87	2018-08-11-71	HE/University of Delaware	Diversification of Cropping Systems: Adaptational Genomic Selection in Maize	$397,646	$0	$0
88	2018-08-11-72	HE/University of Delaware	Using Global Positioning System/Acceleration Tracking Devices to Assess Atlantic Brant Behaviors and Energetic Demand throughout the Annual Cycle	$96,022	$0	$0
89	2018-08-11-73	HE/University of Delaware	Transformation and Cross-shelf Export of Freshwater from Antarctic Shelves	$499,221	$0	$0
90	2018-08-11-74	HE/University of Delaware	Using Next Generation Radar (NEXRAD) to Guide Surveillance for High Risk Watersheds via Size Exclusion Chromatography of Avian Influenza in Two Flyways	$0	$0	$183,237
91	2018-08-11-75	HE/University of Delaware	Factors Impacting Locomotor Learning Following Stroke	$137,845	$0	$0
92	2018-08-11-76	HE/University of Delaware	Improving Livelihoods and Health through Food Safety Capacity Building in Good Aquacultural Practices	$0	$0	$329,175
93	2018-08-11-77	HE/University of Delaware	Marine heat waves in midlatitude regions: role of the coastal wind mode near eastern ocean boundaries	$0	$0	$115,646
94	2018-08-11-78	HE/University of Delaware	Information Metrics for Reliable Uncertainty Quantification in Materials Design Stochastic Models of Deforming Materials Undergoing Chemical Decomposition	$23,233	$0	$0
95	2018-08-11-79	HE/University of Delaware	Exploring and Assessing the Development of Students' Argumentation Skills	$0	$0	$511,859
96	2018-08-11-80	HE/University of Delaware	Crop Insurance Education in Delaware	$215,520	$0	$0
97	2018-08-11-81	HE/University of Delaware	SUPP - Mineral-Fluid Interactions: Synchrotron Radiation Studies at the Advanced Photon Source	$0	$0	$25,400
98	2018-08-11-82	HE/University of Delaware	Technical Lignins Potential to Prevent Spoilage Losses During Conserved Forage Storage and Feeding	$0	$0	$3,546
99	2018-08-11-83	HE/University of Delaware	Quantum Energy and Sustainable Solar Technologies (QESST) Renewal	$0	$0	$245,779
100	2018-08-11-84	HE/University of Delaware	Suppressing Radiotherapy-Induced Metastasis in Aggressive Breast Cancers via 'On-Demand' siRNA Delivery from Responsive Polymer Nanoparticles	$275,000	$0	$0
101	2018-08-11-85	HE/University of Delaware	Comparative Impact of a Probiotic and a Phytobiotic on Heat Stress Response in the Broiler Chicken	$356,524	$0	$0
102	2018-08-11-86	HE/University of Delaware	Neurophysiological and Transcriptomic Predictors of Chronic Low Back Pain: Towards Precision Pain Management (NEAT Study)	$0	$0	$9,584
103	2018-08-11-87	HE/University of Delaware	Blueprint Communities Delaware Partnership	$0	$0	$34,678
104	2018-08-11-88	HE/University of Delaware	The Role of Iron Status in Modulating Porphyrin Accumulation in CLPX-Associated Erythropoietic Protoporphyria	$0	$0	$150,000

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105	2018-08-11-89	HE/University of Delaware	Modulation and Evasion of Plant Immunity by Foodborne Bacterial Pathogens for Enhanced Food Safety	$358,257	$0	$0
106	2018-08-11-90	HE/University of Delaware	Impact Of Tart Cherry Juice On Blood Pressure Variability, Endothelial Function And Cardiovascular Reactivity In Older Adults	$358,193	$0	$0
107	2018-08-11-91	HE/University of Delaware	Genome Editing of the Chicken	$369,160	$0	$0
108	2018-08-11-92	HE/University of Delaware	Assessing Chinese-English Dual Language Learners' Language Comprehension Using a Web-Based Platform	$0	$0	$50,000
109	2018-08-11-93	HE/University of Delaware	Assessing Chinese-English Dual Language Learners' Language Comprehension Using a Web-Based Platform	$0	$0	$43,478
110	2018-08-11-94	HE/University of Delaware	A symposium on Sediment Dynamics in Geophysical Flows using Two-Phase Flow Methodology	$15,000	$0	$0
111	2018-08-11-95	HE/University of Delaware	A Cooperative Agreement to be Established with USDA, APHIS, for UD to Provide Training for up to 20 Participants in the 2018 EPDR & VDLQA Certificate Training Programs to be Conducted June, 2019.	$259,943	$0	$0
112	2018-08-11-96	HE/University of Delaware	Renewable Resources Extension Act Program FY19	$46,448	$0	$0
113	2018-08-11-97	HE/University of Delaware	Environmentally-Acceptable BioLubricants	$45,000	$0	$0
114	2018-08-11-98	HE/University of Delaware	Develop an Ammonia Adsorption-Catalytic Oxidation Abatement System in Animal Operations	$349,874	$0	$0
115	2018-08-11-99	HE/University of Delaware	Expanding Opportunities for Improved-Ag Water Use Data through the Ag Data Reporting Incentive Program (AgDRIP)	$0	$0	$40,000
116	2018-08-12-01	HE/University of Delaware	Statespace Axioms for Quantum Field Theory	$61,639	$0	$0
117	2018-08-12-02	HE/University of Delaware	S&AS: INT: Power Sustainability and Autonomous Decision Making for Long-term Operation under Uncertainty	$669,513	$0	$0
118	2018-08-12-03	HE/University of Delaware	Multi-Source Knowledge Representation for Predictive AI in Physicochemistry	$813,938	$0	$0
119	2018-08-12-04	HE/University of Delaware	Enhancing Site Assessments of Agricultural Subsurface Phosphorus Loss using Geophysical Surveys and Conservative Tracers	$425,005	$0	$0
120	2018-08-12-05	HE/University of Delaware	Legacy Sediment and Nutrient Network (LESNN) to Assess Impacts on Water Quality, Watershed Management, and Agricultural Productivity	$393,451	$0	$0
121	2018-08-12-06	HE/University of Delaware	Tissue Engineered Total Disc Replacement in a Large Animal Model	$0	$0	$97,128
122	2018-08-12-07	HE/University of Delaware	Biological Nitrogen Removal in Sediment Plumes - a Critical but Missing Component of Watershed Models	$0	$0	$202,623
123	2018-08-12-08	HE/University of Delaware	Acquisition of Goods and Services: Develop a Protocol for Preparing & Sequencing Reduced Representation Genomic Libraries using Next-Generation Sequencing Technology to Discover & Genotype Large numbers of Sequence Polymorphisms Distributed across Genomes.	$20,800	$0	$0

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124	2018-08-12-09	HE/University of Delaware	Development of Stable Fluorinated Anion Exchange Membrane	$0	$0	$83,715
125	2018-08-12-10	HE/University of Delaware	Collaborative Research: NSCI Framework: Software for Building a Community-Based Molecular Modeling Capability Around the Molecular Simulation Design Framework (MoSDeF)	$0	$0	$158,375

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Delaware State Clearinghouse Committee
September Agenda

September 24, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	3819	Department of State, Veterans Home	Nursing Referral Award Program	$39,500	$39,500	$0	0.00	0.00	0.00
2	3704	Department of Health and Social Services, Public Health, Community Health	Well-Integrated Screening and Evaluation for Women Across the Nation	$772,880	$257,627	$0	1.95	0.18	0.00
3	3744	Department of Health and Social Services, Public Health, Community Health	Racial and Ethnic Approaches to Community Health	$850,000	$0	$0	0.00	0.00	0.00
4	3796	Department of Natural Resources and Environmental Control, Natural Resources, Parks and Recreation	Brandywine Zoo Improvements	$2,000,000	$2,935,500	$0	0.00	0.00	0.00
5	3748	Department of Agriculture, Administration	Senior Farmer's Market Nutrition Program	$30,000	$0	$0	0.00	0.00	0.00
~~6~~	~~3779~~	~~Department of Education~~	~~Graduating Early Awareness and Readiness for Undergraduate Programs~~	~~$6,475,000~~	~~$4,811,248~~	~~$2,896,715~~	~~0.00~~	~~0.00~~	~~0.00~~
Continued									
7	3750	Judicial, Family Court	Court Improvement Program Basic Grant	$101,512	$34,257	$0	0.00	0.16	0.00
8	3752	Judicial, Family Court	State Court Improvement Program - Data	$98,634	$33,278	$0	0.00	0.29	0.00
9	3753	Judicial, Family Court	State Court Improvement Program - Training	$98,634	$33,286	$0	0.00	0.21	0.00
10	3762	Executive, Criminal Justice, Criminal Justice Council	Services - Training - Officers - Prosecutors, Violence Against Women Formula Grant	$950,489	$113,435	$83,407	0.70	0.35	0.00
11	3807	Executive, Criminal Justice, Criminal Justice Council	Sexual Assault Services Program	$352,305	$0	$0	0.20	0.00	0.00
12	3393 Amendment	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program	$42,495	$25,497	$0	0.00	0.00	0.00
13	3763	Department of State, Regulation and Licensing, Public Service Commission	Pipeline Safety One Call Grant	$9,993	$0	$0	0.00	0.00	0.00
14	3622	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - State Exchange	$7,157	$0	$0	0.00	0.00	0.00
15	3683	Department of Health and Social Services, Public Health, Community Health	Hepatitis C Increased Testing and Diagnosis	$137,980	$0	$0	0.00	0.00	0.00
16	3684	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Supported Employment Services	$21,000	$1,167	$0	0.00	0.00	0.00
17	3688	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Vocational Rehabilitation - Blind (Basic Support)	$1,413,997	$383,600	$0	16.50	4.75	0.00
18	3690	Department of Health and Social Services, Public Health, Community Health	Maternal and Child Health Services	$1,913,137	$13,077,126	$0	17.75	52.90	0.00
19	3717	Department of Health and Social Services, Public Health, Community Health	Maternal, Infant and Early Childhood Home Visiting Formula Grant	$4,005,571	$1,256,847	$0	4.00	0.35	0.00
20	3751	Department of Health and Social Services, Public Health, Community Health	Preventive Health and Health Services Block Grant	$311,619	$0	$0	0.00	0.00	0.00
21	3754	Department of Health and Social Services, Child Support Enforcement	Child Support Enforcement	$23,208,969	$11,311,471	$0	127.82	66.18	0.00

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22	3755	Department of Health and Social Services, Child Support Enforcement	Child Support Enforcement Incentive	$1,208,321	$0	$0	22.00	0.00	0.00
23	3764	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/ Community Services	Nutrition Services Incentive Program	$466,497	$0	$0	0.00	0.00	0.00
24	3767	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III, Part B - Supportive Services	$1,758,443	$2,224,520	$0	12.75	18.25	0.00
25	3769	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III, Part C - Congregate Meals	$2,169,045	$1,250,000	$0	4.25	7.50	0.00
26	3770	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III, Part C - Home Delivered Meals	$1,076,146	$2,238,512	$0	0.00	0.00	0.00
27	3771	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
28	3772	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III, Part E - National Family Caregiver Support	$723,681	$270,000	$0	3.00	0.00	0.00
29	3773	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
30	3774	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
31	3775	Department of Health and Social Services, State Service Centers	Training and Technical Assistance Commission Investment	$176,695	$0	$0	0.00	0.00	0.00
32	3804	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	Delaware Drug Court Expansion and Enhancement Program	$325,000	$0	$0	0.00	0.00	0.00
33	3805	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Delaware Strategic Prevention Framework - Partnership for Success	$2,016,000	$0	$0	0.00	0.00	0.00
34	3125 Amendment	Department of Health and Social Services, Social Services, Administration for Children and Families	Child Care Development Fund - Discretionary	$6,124,506	$0	$0	9.07	0.00	0.00
35	3140 Amendment	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program	$3,653,457	$0	$0	2.27	0.00	0.00
36	3402 Amendment	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives - Provider Incentive Payments	$128,000	$0	$0	0.00	0.00	0.00
37	3468 Amendment	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	$241,037	$0	$0	0.00	0.00	0.00
38	3734	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Secretary	Title IV-E - Foster Care	$5,400,000	$5,399,048	$0	4.79	4.79	0.00
39	3685	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Underground Injection Control	$48,000	$39,083	$0	0.65	0.35	0.00
40	3701	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Sport Fish Coordination in Delaware	$300,000	$100,000	$0	0.30	0.35	0.00
41	3730	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Restoration Coordination	$375,000	$125,000	$0	0.40	0.40	0.00
42	3731	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Nonpoint Source Implementation Grant - Section 319	$1,164,612	$506,646	$276,469	3.00	2.00	0.00
43	3743	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	State Wildlife Grant Coordination in Delaware	$100,000	$53,845	$0	0.11	0.18	0.00
44	3746	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Technical Assistance for Non-Tidal Fisheries	$45,180	$15,060	$0	0.41	0.16	0.00
45	3758	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Trout Program	$120,516	$40,172	$0	0.57	0.05	0.00
46	3760	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Fisheries Technical Assistance	$480,570	$160,190	$0	0.87	0.24	0.00
47	3761	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Waterfowl and Migratory Game Birds	$88,862	$29,620	$0	0.20	0.17	0.00

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48	3765	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Conservation and Management of Priority Habitats for Species of Greatest Conservation Need	$19,924	$10,728	$0	0.00	0.01	0.00
49	3768	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Coastal Avian Conservation Project	$193,855	$104,384	$0	0.00	0.15	0.00
50	3777	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Community Assistance Program	$108,876	$27,219	$0	1.00	0.23	0.00
51	3778	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Pollinator Species of Greatest Conservation Need Inventory and Conservation	$23,900	$12,869	$0	0.03	0.00	0.00
52	3782	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Stream and Tidal Tributary Fish Survey	$30,204	$10,068	$0	0.26	0.01	0.00
53	3785	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Bat Research, Monitoring and Conservation	$72,358	$38,962	$0	0.32	0.15	0.00
54	3789	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delmarva Fox Squirrel Conservation Plan Implementation	$36,530	$19,670	$0	0.28	0.05	0.00
55	3792	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Amphibian and Reptile Monitoring and Conservation	$46,936	$25,273	$0	0.22	0.07	0.00
56	3798	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Habitat Development Program	$6,750,000	$2,250,000	$0	9.50	2.27	0.00
57	3802	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware Hunter Education Program	$1,968,750	$656,250	$0	2.00	1.22	0.00
58	3736	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Highway Safety Programming	$1,939,275	$164,024	$0	4.00	2.00	0.00
59	3737	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (d) - Impaired Driving Countermeasures Grant	$1,124,611	$0	$0	0.00	0.00	0.00
60	3738	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (b) - Occupant Protection Incentive Grant	$283,838	$0	$0	0.00	0.00	0.00
61	3740	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (c) - Traffic Safety Information System Improvements Grant	$314,142	$0	$0	0.00	0.00	0.00
62	3741	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (f) - Motorcycle Safety Grant	$34,937	$0	$0	0.00	0.00	0.00
63	3742	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (h) - Non-Motorized Safety Grant	$220,671	$0	$0	0.00	0.00	0.00
64	3745	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Instant Criminal Background Check System Act - Record Improvement Program	$247,475	$0	$0	0.00	0.00	0.00
65	3747	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Criminal History Improvement Program	$274,350	$30,483	$0	0.00	0.00	0.00
66	3791	Department of Labor, Industrial Affairs, Anti-Discrimination	Equal Employment Opportunity Commission	$224,520	$0	$0	3.00	0.00	0.00
67	3794	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health Consultation	$454,400	$50,489	$0	5.50	0.50	0.00
68	3800	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
69	3724	Department of Agriculture, Food Products Inspection	Cooperative Meat Inspection	$295,797	$295,799	$0	2.76	2.76	0.00
70	3757	Department of Agriculture, Food Products Inspection	Country of Origin Labeling	$12,000	$0	$0	0.00	0.00	0.00
71	3766	Department of Agriculture, Forest Service	Forest Stewardship	$62,782	$62,782	$0	0.57	0.65	0.00
72	3780	Department of Agriculture, Forest Service	Forest Legacy Program	$30,000	$7,935	$0	0.00	0.70	0.00
73	3783	Department of Agriculture, Forest Service	Forest Health Management and Monitoring	$73,000	$74,250	$0	0.34	0.51	0.00

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74	3787	Department of Agriculture, Forest Service	Volunteer Fire Assistance	$27,928	$27,928	$0	0.00	0.50	0.00
75	3793	Department of Agriculture, Forest Service	State Fire Assistance	$113,277	$113,277	$0	0.62	0.79	0.00
76	3795	Department of Agriculture, Forest Service	Urban and Community Forestry	$200,000	$200,000	$0	1.25	1.61	0.00
77	3781	Fire Prevention Commission, State Fire School	National Fire Academy Training	$20,000	$60	$0	0.00	0.00	0.00
78	3784	Fire Prevention Commission, State Fire School	Firefighters Assistance Grant	$395,910	$40,897	$0	0.00	0.00	0.00

Higher Education

1	2018-09-15-01	HE/Delaware State University	Delaware INBRE IV/DSU (Federal)	$463,173	$0	$0
2	2018-09-15-02	HE/Delaware State University	Naked Eye Colorimetric Detection	$108,792	$0	$0
3	2018-09-15-03	HE/Delaware State University	Comparing the Transcriptomes, Epigenomes, and Viral Titers of Three Phenotypically Different Sweet potato Cultivars in Two Consecutive Growing Seasons	$46,218	$0	$0
4	2018-09-15-04	HE/Delaware State University	2019 RREA Project for DSU (2019 Renewable Resources)	$13,500	$0	$0
5	2018-09-15-06	HE/Delaware State University	Tentative title: Building a genomics core center featuring next generation DNA sequencing	$538,811	$0	$0
6	2018-09-15-07	HE/Delaware State University	Caribbean School Nutrition and Healthy Food Choices	$41,484	$0	$0
7	2018-09-15-08	HE/Delaware State University	Molecular basis of tasiRNA mediated virus resistance: towards the control of corky ringspot disease in potato	$500,000	$0	$0
8	2018-09-22-01	HE/University of Delaware	Spouse Involvement in Everyday Type 2 Diabetes Care: Effects of Social Control on Continuously Measured Glucose	$123,496	$0	$0
9	2018-09-22-02	HE/University of Delaware	Supply Chain Analysis: The Project Team will Inquire about the Illicit Mercury Supply Chain to Understand the Scale at which it is Operating in Peru.	$0	$0	$5,769
10	2018-09-22-03	HE/University of Delaware	Post -Incarceration Engagement (PIE) Project	$25,400	$0	$0
11	2018-09-22-04	HE/University of Delaware	Delaware Hatch (Regular Fund) FY 19	$1,129,569	$0	$0
12	2018-09-22-05	HE/University of Delaware	Can Future Forests Provide Services while Stressed?	$93,046	$0	$0
13	2018-09-22-06	HE/University of Delaware	USDA Hatch Multistate Appropriations FY2019	$499,301	$0	$0
14	2018-09-22-07	HE/University of Delaware	Sustainability Support for the Iraqi Institute for the Conservation of Antiquities and Heritage	$266,667	$0	$0
15	2018-09-22-08	HE/University of Delaware	Optimization and Design of Next Generation Low Surface Energy FPS Coatings Technologies	$0	$0	$109,171

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16	2018-09-22-09	HE/University of Delaware	Comparison of the Efficacy of Two Models of Providing the Sitting Together and Reaching to Play (START-Play) Intervention for Children with Moderate to Severe Motor Impairments	$0	$0	$549,745
17	2018-09-22-10	HE/University of Delaware	Effect of Nano Iron and Manganese Oxide Application on Fortification and Trace Metals in Rice	$55,258	$0	$0
18	2018-09-22-11	HE/University of Delaware	Geometry by Example	$0	$0	$98,749
19	2018-09-22-12	HE/University of Delaware	IGE: Research, Engagement Success, (RES): Intensive Summer Graduate Program in Interdisciplinary Disaster Science	$402,614	$0	$0
20	2018-09-22-13	HE/University of Delaware	Value in Diversity in a Legislative Context	$162,184	$0	$0
21	2018-09-22-14	HE/University of Delaware	Updating and Extending the Dynamic Process Tracing Environment Experimental Research Platform	$153,650	$0	$0
22	2018-09-22-15	HE/University of Delaware	Delaware UCEDD: Disabilities Studies Fellowships	$47,657	$0	$0
23	2018-09-22-16	HE/University of Delaware	Assessing Cognitive Skills in Young Children With Neuromotor Disabilities: Development of the Short Infant and Toddler Cognitive Assessment Tool (sITCAT)	$0	$0	$266,259
24	2018-09-22-17	HE/University of Delaware	Biomedical Research Externship Program for Graduate Students	$0	$0	$7,413
25	2018-09-22-18	HE/University of Delaware	Exploiting Avian Detection of Plant Stress Volatiles to Enhance Insect Pest Control	$365,261	$0	$0
26	2018-09-22-19	HE/University of Delaware	Collaborative Research: Carbon Export from a Western Boundary Current Influenced Subtropical Shelf	$311,612	$0	$0
27	2018-09-22-20	HE/University of Delaware	Surface Treatment on III-V/Oxide for Mobility Enhancement of Fin Tunneling Field Effect Transistors in Low Power Applications	$244,047	$0	$0
28	2018-09-22-21	HE/University of Delaware	Novel Design, Fabrication and Characterization of Tunable Infrared Notch Filters	$386,412	$0	$0
29	2018-09-22-22	HE/University of Delaware	Cognitive and Biological Mechanisms in Pediatric Voice Therapy	$3,090,680	$0	$0
30	2018-09-22-23	HE/University of Delaware	Investigating How the Neural Basis of Statistical Learning Contributes to Language Success in School-Aged Children from Low and High SES Homes	$175,974	$0	$0
31	2018-09-22-24	HE/University of Delaware	DCCS Online: ESL and Classroom Teachers Working Together with Students and Families	$0	$0	$142,099
32	2018-09-22-25	HE/University of Delaware	Wake Loss Modeling for Offshore Wind Energy Applications in the U.S.	$119,387	$0	$0
33	2018-09-22-26	HE/University of Delaware	Collaborative Study of Race in the Americas: Team Building in the 21st Century	$0	$0	$27,503
34	2018-09-22-27	HE/University of Delaware	Delaware Academy for School Leadership (DASL): Professional Development and Coaching to Expand Professional Collaboration and Specialized Instruction Capacity of Co-Teaching Teams at Laurel Middle School	$0	$0	$17,301

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35	2018-09-22-28	HE/University of Delaware	Decadal Variability of Southern Ocean Sea Surface Temperature and Heat Content Revealed by Traditional Oceanic Data/Deep Ocean Remote Sensing Data and Modeling	$327,456	$0	$0
36	2018-09-22-29	HE/University of Delaware	Catalysis Center for Energy Innovation	$9,900,270	$0	$0
37	2018-09-22-30	HE/University of Delaware	The Mechanisms Underlying Posterior Capsular Opacification	$900,000	$0	$0
38	2018-09-22-31	HE/University of Delaware	Can Slug-Damaged Plant Recruit Predacious Ground Beetles? An Integrated Approach to Control Mollusk Pests	$214,979	$0	$0
39	2018-09-22-32	HE/University of Delaware	Collaborative Research: Trophic Transfer at Gulf of Mexico Methane Seeps: An Integrated Prokaryote-Eukaryote Perspective	$488,382	$0	$0
40	2018-09-22-33	HE/University of Delaware	Slug nematodes in Soybean: Identification of Field Isolates	$0	$0	$7,591
41	2018-09-22-34	HE/University of Delaware	Mechanisms of Long-Term Seawater Circulation in Aquifers and their Role in Element Budgets in the Ocean	$205,576	$0	$0
42	2018-09-22-35	HE/University of Delaware	4H Nutrition Education 2018-19	$0	$0	$73,637
43	2018-09-22-36	HE/University of Delaware	Molecular Mechanism of Ca2+- Induced Mitochondrial Shape Transition in Metazoans	$0	$0	$128,203
44	2018-09-22-37	HE/University of Delaware	Understanding Sources, Chemical Forms, and Stability of Recalcitrant and Residual Phosphorus Pools in Agricultural Soils	$40,650	$0	$0
45	2018-09-22-38	HE/University of Delaware	Integration of Comprehensive Cancer Mutation and Expression-Associated Data with Cancer Biomarker Information from EDRN	$0	$0	$40,095
46	2018-09-22-39	HE/University of Delaware	Collaborative Research: Investigation of the Diffusive Air-Sea Flux of OC in a Temperate Estuary and Coastal Ocean	$200,905	$0	$0
47	2018-09-22-40	HE/University of Delaware	Development and Validation of the RELATE Tool for Inclusive Classroom Observation	$964,891	$0	$0
48	2018-09-22-41	HE/University of Delaware	Linking Data and Policy to Improve College Readiness in Delaware	$907,338	$0	$0
49	2018-09-22-42	HE/University of Delaware	2019 Poultry Disease Outbreak Management and Regionalization (PDMOR) Symposium - UD Training Program	$0	$0	$73,990
50	2018-09-22-43	HE/University of Delaware	REU Site: Sustainable Resilient Transportation Systems	$322,404	$0	$0
51	2018-09-22-44	HE/University of Delaware	Collaborative Research: From Gametes to Growth: Investigating the Ecology and Physiology of Caribbean Corals Harboring a Stress Tolerant Symbiont	$304,253	$0	$0
52	2018-09-22-45	HE/University of Delaware	Protein-Engineered Nanostructures to Illuminate Biodistribution, Tissue Transport, and Cellular Processing	$274,998	$0	$0
53	2018-09-22-46	HE/University of Delaware	The Professional Development Center for Educators: Provide Coaching in Bookworms Reading and Writing to Seventeen Elementary Schools in Cecil County	$0	$0	$84,798

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54	2018-09-22-47	HE/University of Delaware	DuPont Direct Fed Microbial (DFM) Study II: C to O	$0	$0	$14,138
55	2018-09-22-48	HE/University of Delaware	AutoBieQ: Automatic Biomedical Information Extraction for Literature Curation at Scale	$1,174,292	$0	$0
56	2018-09-22-49	HE/University of Delaware	The Impact of Health Insurance Access on Farmers and Ranchers	$0	$0	$5,861
57	2018-09-22-50	HE/University of Delaware	Livestock Performance and Health Monitoring through Advanced Sensor Development and Data Analytics	$0	$0	$129,602
58	2018-09-22-51	HE/University of Delaware	Studying Government Accountability and Responsiveness with Big Data on Citizen-Government Interactions	$103,361	$0	$0
59	2018-09-22-52	HE/University of Delaware	Developing a Professional Development Model on Genre-Based Writing Strategy Instruction for Grades 3 to 5	$0	$0	$234,318
60	2018-09-22-53	HE/University of Delaware	Project IPIR - Improving PEG Implementation: Developing a PD Intervention to Maximize the Instructional Benefits of the PEG Automated Writing Evaluation Program	$1,144,697	$0	$0
61	2018-09-22-54	HE/University of Delaware	Early Childhood Quality Improvement Pathway System (EQuIPS): Refining a New Program Quality Measure for Use in State Early Childhood Accountability Systems	$1,290,407	$0	$0
62	2018-09-22-55	HE/University of Delaware	Delaware Teacher Workforce Issues: An Examination of Teacher Turnover in Delaware Schools	$907,341	$0	$0
63	2018-09-22-56	HE/University of Delaware	Multimodal Imaging Assessment of White Matter Tract Integrity in Adolescent Risk-Taking	$283,212	$0	$0
64	2018-09-22-57	HE/University of Delaware	Advanced Care Planning for Families	$0	$0	$10,000
65	2018-09-22-58	HE/University of Delaware	PREEVENTS Track 2: Collaborative Research: Erosion of Cohesive Shores and Bluffs: Integrating Shore and Bluff Responses to Extreme Events into Long-term Bluff Recession Predictions	$169,310	$0	$0
66	2018-09-22-59	HE/University of Delaware	More than Hammers & Nails: Expanding PSEL Tools for Quality Principal Development	$1,097,228	$0	$0
67	2018-09-22-60	HE/University of Delaware	Fetal Alcohol Spectrum Disorders - Screening and Surveillance Solution to Help Automatically by Referral and Education (FASD-SHARE)	$291,315	$0	$0
68	2018-09-22-61	HE/University of Delaware	Acquisition of Goods and Services: Develop a Protocol for Preparing and Sequencing Reduced Representation Genomic Libraries using Next-Generation Sequencing Technology to Discover and Genotype Large numbers of Sequence Polymorphisms Distributed Across Genomes	$910	$0	$0
69	2018-09-22-63	HE/University of Delaware	An Efficacy Study to Evaluate Conceptual Model-Based Problem Solving - A Computer-Assisted Mathematics	$0	$0	$614,982
70	2018-09-22-64	HE/University of Delaware	Advanced Research for Manufacturing in the Digital Age (ARMaDA)	$16,242,600	$0	$0
71	2018-09-22-65	HE/University of Delaware	Do Cultivars of Native Plants Support Food Webs as Well as their Parent Species?	$0	$0	$24,871
72	2018-09-22-66	HE/University of Delaware	The Professional Development Center for Educators: Provide Support and Professional Development to Mathematics Teachers and Administrators at North Laurel Early Learning Academy	$0	$0	$11,686

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73	2018-09-22-67	HE/University of Delaware	Ecological Restoration of Fishers Island	$0	$0	$6,450
74	2018-09-22-68	HE/University of Delaware	REU Site: Advanced Materials for Sustainable Energy Future	$311,703	$0	$0
75	2018-09-22-69	HE/University of Delaware	Paving the Way for Fractions: Exploring Foundational Fraction Concepts and Learning in First Grade	$941,791	$0	$0
76	2018-09-22-70	HE/University of Delaware	Acquisition of Goods and Services: Develop a Protocol for Preparing and Sequencing Reduced Representation Genomic Libraries using Next-Generation Sequencing Technology to Discover and Genotype Large numbers of Sequence Polymorphisms Distributed Across Genomes	$19,800	$0	$0
77	2018-09-22-71	HE/University of Delaware	NCCVT SD 2018-19 seminars for Delaware Teachers Institute 2018-19	$0	$0	$6,250
78	2018-09-22-72	HE/University of Delaware	Unveiling the Chromosomal Address of Intact HIV Clones to Provide Insights into Persistence	$0	$0	$22,824
79	2018-09-22-73	HE/University of Delaware	JHU NIST DR DFS: Risk-Based Decision Model for Socio-Economic Optimum Advancement of Resilience Objectives in Codes	$0	$0	$50,817
80	2018-09-22-74	HE/University of Delaware	Structured vs. Pelleted Catalysts for Biomass Conversion	$0	$0	$188,909
81	2018-09-22-75	HE/University of Delaware	Smith Lever FY19	$1,344,100	$0	$0
82	2018-09-22-76	HE/University of Delaware	Efficient Estimation and Inference in Regression Through Envelope Models	$156,211	$0	$0
83	2018-09-22-77	HE/University of Delaware	Transmitting the Codelet Model Experience to Future Generations	$13,000	$0	$0
84	2018-09-22-78	HE/University of Delaware	Resource-Adaptive Estimation for Cooperative Underwater Navigation	$460,581	$0	$0
85	2018-09-22-79	HE/University of Delaware	Information Metrics for Reliable Uncertainty Quantification in Materials Design Stochastic Models of Deforming Materials Undergoing Chemical Decomposition	$0	$0	$147,241
86	2018-09-22-80	HE/University of Delaware	Exploring the Association between Video Chat Reading and Preschoolers' Vocabulary Learning, Story Comprehension, and Print Concept Knowledge	$1,209,802	$0	$0
87	2018-09-22-81	HE/University of Delaware	Theory and Experiment of Cocrystals: Principles, Synthesis and Properties	$0	$0	$111,331
88	2018-09-22-82	HE/University of Delaware	The Mechanisms Underlying Posterior Capsular Opacification	$900,002	$0	$0
89	2018-09-22-83	HE/University of Delaware	Energy Cascade and Pathways to Dissipation at Ion and Sub-Ion Scales in the Solar Wind	$483,897	$0	$0
90	2018-09-22-84	HE/University of Delaware	Investigate Potential of Mars and Lunar Resources	$64,103	$0	$0
91	2018-09-22-85	HE/University of Delaware	Stochastic Methods For Studying Biochemical Processes Inside Single Cells	$150,253	$0	$0

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92	2018-09-22-86	HE/University of Delaware	Public Allies FY19 National Support	$0	$0	$334,409
93	2018-09-22-87	HE/University of Delaware	INFEWS/T2 Food, Energy and Water Dimensions of Transnational Land Acquisitions for Agriculture	$0	$0	$203,508
94	2018-09-22-88	HE/University of Delaware	2018 Gold-AACN White Coat Ceremony for Nursing	$0	$0	$1,000
95	2018-09-22-89	HE/University of Delaware	Underwater Search/Survey for A-6E Loss Incident	$0	$0	$116,537
96	2018-09-22-90	HE/University of Delaware	Determining Optimal Vacancy Rates for Urban Growth: Evaluating Vacant Addresses across Multiple Disturbances	$0	$0	$48,077
97	2018-09-22-91	HE/University of Delaware	An Innovative Carbon Nanotube-Based Sensor for Fatigue Crack Detection and Monitoring	$0	$0	$20,798
98	2018-09-22-92	HE/University of Delaware	Collaborative Research: Dynamic Deglacial History of NW Greenland - The Ryder Expedition	$104,120	$0	$0
99	2018-09-22-93	HE/University of Delaware	NSF: A Statistical Learning Framework for Phylogenetic Inference, Uncertainty, and Geometry	$141,601	$0	$0
100	2018-09-22-94	HE/University of Delaware	Predictive Approaches to Biophysical Property Assessment of Protein Pharmaceuticals	$0	$0	$21,879
101	2018-09-22-95	HE/University of Delaware	Dispersive Wave Packets and Mode Coupling for High Speed Boundary Layer Stability	$256,938	$0	$0
102	2018-09-22-96	HE/University of Delaware	SBA Portable Assistance Program, OSBDC-2017-03 Option 1	$91,743	$0	$0
103	2018-09-22-97	HE/University of Delaware	2019 Smith Postdoctoral Fellowship in Conservation Research	$0	$0	$194,880
104	2018-09-22-98	HE/University of Delaware	In Her Own Right: The Many Faces of Women's Activism, 1820-1920	$0	$0	$11,250
105	2018-09-22-99	HE/University of Delaware	MRI Measurement of the Mechanical Vulnerability of the Brain	$0	$0	$550,000
106	2018-09-23-01	HE/University of Delaware	The Evolution of Solar-Wind Ion-Temperature from the Sun's Corona to Earth's Magnetosphere	$482,113	$0	$0
107	2018-09-23-02	HE/University of Delaware	Develop Integrated Analog Photonic Modulator Components Compatible with Photonic Foundry Production	$0	$0	$47,264
108	2018-09-23-03	HE/University of Delaware	Mesothelial Mechanotransduction as a Key Regulator of Embryonic Lung Growth	$91,993	$0	$0
109	2018-09-23-04	HE/University of Delaware	USDA DNA SEQ Kingham	$45,000	$0	$0
110	2018-09-23-05	HE/University of Delaware	Enhanced Evaporative Flux to Remediate Brine-Contaminated Soil	$0	$0	$154,794

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111	2018-09-23-06	HE/University of Delaware	InAs Field Effect Transistors with Surface Treatment for Low Power and High Frequency Applications	$429,183	$0	$0
112	2018-09-23-07	HE/University of Delaware	The Health Fund Advisory Committee (HFAC) Recommended and the Governor's Office and Legislature Approved Funds which have Allowed the Survey to be Conducted in each Subsequent Spring	$16,944	$0	$0
113	2018-09-23-08	HE/University of Delaware	Vaccine Efficacy Comparison of CVI988 Vaccines - Shipments	$0	$0	$1,764
114	2018-09-23-09	HE/University of Delaware	Developing, Implementing and Evaluating a Video-based Lesson Series for Health and Science Educators	$0	$0	$61,615
115	2018-09-23-10	HE/University of Delaware	Assist with WILMAPCO's Transportation Justice Study	$0	$0	$12,559
116	2018-09-23-11	HE/University of Delaware	Determination of the CA-IP6 Interactions Required for HIV-1 Replication	$0	$0	$243,255
117	3560	HE/Delaware Technical and Community College	NIH INBRE 3 - Year 5 of 5	$175,093	$0	$0

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Delaware State Clearinghouse Committee
October Agenda

October 30, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
~~1~~	~~3749~~	~~Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services~~	~~Innovations in Nutrition Programs and Services Grant~~	~~$500,000~~	~~$173,642~~	~~$0~~	~~0.00~~	~~0.89~~	~~0.00~~
2	3826	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Promoting Integration of Primary and Behavioral Health Care	$10,000,000	$0	$0	0.00	0.00	0.00
3	3831	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	State Opioid Response (SOR) Grant	$25,100,000	$0	$0	0.00	0.00	0.00
4	3829	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Emergency Management Performance Grant	$3,238,193	$2,243,382	$994,811	29.10	8.40	0.00
5	3812	Department of Agriculture, Forest Service	FY18 Chesapeake Tree Stewards Program	$158,720	$158,720	$0	0.00	0.33	0.00
6	2018-06-08-01	Department of Agriculture, Plant Industries	The National Association of State Departments of Agriculture Spotted Lanternfly	$12,000	$0	$0	0.00	0.00	0.00
Continued									
7	3830	Executive, Criminal Justice, Criminal Justice Council	Family Violence Prevention and Services Act	$811,104	$10,665	$192,637	0.57	0.10	0.00
8	3739	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients and Providers Act	$76,178	$0	$0	0.00	0.00	0.00
9	3815	Legal, Department of Justice	Internet Crimes Against Children	$269,101	$0	$0	2.00	0.00	0.00
10	3816	Legal, Department of Justice	Medicaid Fraud Control Unit	$1,797,306	$599,102	$0	13.75	4.25	0.00
11	3824	Legal, Department of Justice	Victims Compensation Assistance	$1,270,000	$0	$0	0.00	0.00	0.00
12	3801	Department of State, Historical and Cultural Affairs, Office of the Director	Historic Preservation Grant-in-Aid	$541,155	$380,118	$21,648	5.40	4.25	0.00
13	3623	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Electronic Benefits Transfer State Exchange	$3,000	$0	$0	0.00	0.00	0.00
14	3678	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Independent Living Services for Older Individuals Who Are Blind	$225,000	$300,008	$0	2.80	4.80	0.00
15	3610 Amendment	Department of Health and Social Services, Public Health, Community Health	Childhood Lead Poisoning Prevention Program	$109,809	$0	$0	0.00	0.00	0.00
16	3797	Department of Health and Social Services, Public Health, Community Health	Improving Sexually Transmitted Disease Programs through Assessment, Assurance, Policy Development and Prevention Strategies	$1,965,965	$0	$0	3.00	0.00	0.00
17	3806	Department of Health and Social Services, Public Health, Community Health	Tuberculosis Elimination Program	$182,463	$0	$0	1.05	0.00	0.00
18	3809	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS Prevention	$1,039,019	$0	$0	3.35	0.00	0.00
19	3810	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS Core Surveillance	$314,308	$0	$0	3.85	0.00	0.00
20	3825	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Projects for Assistance in Transition from Homelessness	$300,000	$100,000	$0	0.00	0.00	0.00

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21	3827	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Substance Abuse Prevention and Treatment Block Grant	$6,968,530	$92,484	$0	3.20	0.80	0.00
22	3756	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund	$11,107,000	$2,221,400	$0	23.20	0.00	0.00
23	3813	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Rare Plant Conservation Program	$9,000	$3,000	$0	0.00	0.02	0.00
24	3833	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Recreational Boating Safety Financial Assistance	$887,504	$887,504	$0	8.20	9.80	0.00
25	3808	Department of Safety and Homeland Security, Office of the Secretary, Developmental Disabilities Council	Developmental Disabilities Council	$507,546	$20,000	$80,000	4.00	0.00	0.00
26	3828	Department of Safety and Homeland Security, State Police, Criminal Investigation	Delaware Information and Analysis Center Maritime Enhancements	$395,646	$123,925	$0	0.00	0.00	0.00
27	3835	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Homeland Security Grant Program	$3,980,000	$0	$0	2.75	0.00	0.00
28	3832	Department of Transportation, Planning	High Priority Innovative Technology Deployment/Commercial Vehicle Information Systems and Networks	$1,699,026	$299,828	$0	0.00	0.00	0.00
29	3839	Department of Transportation, Planning	Statewide Continuous Aviation System Planning	$108,000	$12,000	$0	0.00	0.00	0.00
30	3527 Amendment	Department of Agriculture, Plant Industries	Spotted Lanternfly Survey and Outreach	$75,000	$0	$0	0.00	0.00	0.00
31	3725	Department of Agriculture, Food Products Inspection	Cross Utilization	$215,340	$0	$0	4.15	0.00	0.00
32	2018-07-30-01	Department of Education, Caesar Rodney School District	Dover Air Force Base School Budget	$9,254,433	$0	$0	0.00	0.00	0.00
33	2940 Amendment	Department of Education	Early Head Start Expansion	$5,313,600	$1,328,400	$0	1.80	0.00	0.00

Higher Education

1	2018-10-06-01	HE/University of Delaware	Kinetic Alfven Wave Turbulence in the Solar Wind	$504,145	$0	$0
2	2018-10-06-02	HE/University of Delaware	Activity Promotion in Veterans after Total Knee Replacement (Activate): A Pragmatic Clinical Trial	$0	$0	$553,073
3	2018-10-06-03	HE/University of Delaware	LEAP-HI: Embedding Regional Hurricane Risk Management in the Life of a Community: A Computational Framework REU Supplement	$10,000	$0	$0
4	2018-10-06-04	HE/University of Delaware	The Mechanisms Underlying Posterior Capsular Opacification	$30,000	$0	$0
5	2018-10-06-05	HE/University of Delaware	Neurocognitive Function and Musculoskeletal Injury in Physically Active Service Members and Civilians	$0	$0	$198,919
6	2018-10-06-06	HE/University of Delaware	Field Tests of Biochar Application to Roadway Soils in New Castle County, DE	$0	$0	$34,441
7	2018-10-06-07	HE/University of Delaware	Decentralized Coordinated Behavior of a Network of Autonomous Systems and Sensors	$480,769	$0	$0
8	2018-10-06-08	HE/University of Delaware	Rural Economic Development Innovation (REDI)- FY18 Cooperative Agreement	$40,462	$0	$0

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9	2018-10-06-09	HE/University of Delaware	Advancing Consumer Acceptance of Food Produced with Sustainable, Non-Traditional Irrigation Water: Lessons from the Israeli Experience/Testing Applicability to the U.S.	$0	$0	$149,799
10	2018-10-06-10	HE/University of Delaware	Prosper-University of Delaware Collaboration	$0	$0	$156,164
11	2018-10-06-11	HE/University of Delaware	Immune and Metabolic Kinome Analysis of Animal Samples to Study Feed Formulation, Disease and Food Safety	$10,000	$0	$0
12	2018-10-06-12	HE/University of Delaware	Investigations of Hydrocarbon Reservoirs through Metagenomics and Biological Methane Oxidation	$0	$0	$327,389
13	2018-10-06-13	HE/University of Delaware	Exploring the Space of CHO Extracellular Vesicles (EVs) & their Potential Applications	$0	$0	$92,000
14	2018-10-06-14	HE/University of Delaware	Neurobiology of Language Recovery in Aphasia: Optimizing treatment outcomes	$0	$0	$7,740
15	2018-10-06-15	HE/University of Delaware	Information Metrics for Reliable Uncertainty Quantification in Materials Design Stochastic Models of Deforming Materials Undergoing Chemical Decomposition	$0	$0	$136,740
16	2018-10-06-16	HE/University of Delaware	Unraveling Fibrosis with Dynamic Microenvironments and Molecular Tools	$1,500,002	$0	$0
17	2018-10-06-17	HE/University of Delaware	Center for Behavioral and Experimental Agri-Environmental and Risk Management Research (CBEAR)	$918,409	$0	$0
18	2018-10-06-18	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	$0	$0	$940,710
19	2018-10-06-19	HE/University of Delaware	PIRE: Bio-Inspired Materials and Systems	$4,700,615	$0	$0
20	2018-10-06-20	HE/University of Delaware	4-H National Mentoring Program (NMP9)	$0	$0	$184,002
21	2018-10-06-21	HE/University of Delaware	Attitudes and Behaviors of Undergraduate Dietetics Students Toward Alternative Food Production Practices	$0	$0	$2,000
22	2018-10-06-22	HE/University of Delaware	Highly Accurate Glove-Based Textile Sensors for Robust Hand and Finger Recognition	$0	$0	$96,762
23	2018-10-06-23	HE/University of Delaware	Anxiety in Transition: The Role of Myelination & Testosterone on Pathological Anxiety During Emerging Adulthood	$0	$0	$7,500
24	2018-10-06-24	HE/University of Delaware	2018 Proposal for Special Initiative on Offshore Wind	$0	$0	$149,020
25	2018-10-06-25	HE/University of Delaware	NSF Collaborative Research: CDS+E-MSS: Exact Homological Algebra for Computational Topology (ExHACT)	$292,151	$0	$0
26	2018-10-06-26	HE/University of Delaware	Static and Cyclic Load Responses of RC Beam-Column-Slab Joints Reinforced with Multifunctional Composites	$0	$0	$215,631

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27	2018-10-06-27	HE/University of Delaware	Jeremy Tobacman, Visiting Scholar, Bureau of Consumer Financial Protection	$16,616	$0	$0
28	2018-10-06-28	HE/University of Delaware	Digitizing Documentation of the Lost and Disappearing Historic Architecture of the Mid-Atlantic	$0	$0	$130,015
29	2018-10-06-29	HE/University of Delaware	Microstructural Design of Highly Aligned Short Fiber Composite Materials for Rapid Manufacturing	$1,330,548	$0	$0
30	2018-10-06-30	HE/University of Delaware	Effects of Prenatal Maternal Stress from Hurricane Harvey on Early Brain Development and School Readiness: The Harvey Mom Study	$0	$0	$35,456
31	2018-10-06-31	HE/University of Delaware	Dynamic Network Models of Transnational Migration Flows: Modeling the Influences of Social, Spatial, Demographic, Political, Disaster, and Economic Processes	$0	$0	$278,287
32	2018-10-06-32	HE/University of Delaware	Advanced Compound Semiconductor Device and Circuit for Low Power Applications	$0	$0	$150,000
33	2018-10-06-33	HE/University of Delaware	NSF: Next-Generation Algorithms and Software for Numerical Computing with Multivariate Functions	$195,459	$0	$0
34	2018-10-06-34	HE/University of Delaware	Simons FDN Singh 18	$0	$0	$550,000
35	2018-10-06-35	HE/University of Delaware	Service Agreement between University of Delaware and Charles County Deptartment of Health	$0	$0	$4,000
36	2018-10-06-36	HE/University of Delaware	MURI Proposal: Emergent Phenomena in Antiferromagnetic Hybrid Systems for THz Devices	$0	$0	$753,226
37	2018-10-06-37	HE/University of Delaware	UD DFM Candidate Poultry Trial 3	$0	$0	$14,561
38	2018-10-06-38	HE/University of Delaware	Chemistry-Biology Interface Predoctoral Training Grant 2019-2024	$2,241,200	$0	$0
39	2018-10-06-39	HE/University of Delaware	U.S. East Coast Tsunami Hazard Mitigation Program	$0	$0	$44,236
40	2018-10-06-40	HE/University of Delaware	RET Site: Collaborative Research: Solar Teachers	$19,231	$0	$0
41	2018-10-06-41	HE/University of Delaware	NSF Special Graph Theory: Connections and Applications	$119,077	$0	$0
42	2018-10-06-42	HE/University of Delaware	Discovery of Molecular Probes and Therapeutic Leads	$7,500,005	$0	$0
43	2018-10-06-43	HE/University of Delaware	Disrupting the Tumor Microenvironment to Enhance Nanoparticle Penetration	$0	$0	$150,000
44	2018-10-06-44	HE/University of Delaware	Statin for the Protection of Cartilage During Joint Inflammation	$1,112,597	$0	$0

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45	2018-10-06-45	HE/University of Delaware	An Integrated Pest Management Approach in Addressing the Multiple Herbicide-Resistant Weed Epidemic in U.S. Field Crop Production (Delaware): Year 4	$289,999	$0	$0
46	2018-10-06-46	HE/University of Delaware	Preparation of National Historic Landmark Nomination for the Luther Sampson Joiner Shop Duxbury, Massachusetts	$0	$0	$16,303
47	2018-10-06-47	HE/University of Delaware	Integrating Quantitative Modeling with High Spatiotemporal Resolution Imaging to Quantify the Impact of Membrane Architecture on EGFR Signaling	$0	$0	$231,167
48	2018-10-06-48	HE/University of Delaware	Metabolic Engineering to Redirect Acetate Fluxes in FGF21 Production Strain by Dynamic Metabolons	$0	$0	$64,103
49	2018-10-06-49	HE/University of Delaware	MCAO FY 18-19 Salary and Benefits - Provencal	$0	$0	$121,139
50	2018-10-06-50	HE/University of Delaware	Consulting Service Agreement Between University of Delaware and CCFH	$0	$0	$4,000
51	2018-10-06-51	HE/University of Delaware	Assist in Rearing Wood-Boring Insects Such as Emerald Ash Borers and Asian Longhorned Borers and their Natural Enemies.	$11,000	$0	$0
52	2018-10-06-52	HE/University of Delaware	Acquisition of Goods and Services: Laboratory Support for the Brown Marmorated Stink Bug, Spotted Wing Drosophila, Spotted Lantern Fly and Other Targets as Required	$31,818	$0	$0
53	2018-10-06-53	HE/University of Delaware	Nuvve Research Year 3 Funding	$0	$0	$504,588
54	2018-10-06-54	HE/University of Delaware	NSF: Diffusions on Combinatorially Structured State Spaces	$118,878	$0	$0
55	2018-10-06-55	HE/University of Delaware	2019 Military 4-H Partnership Youth Camps	$0	$0	$22,906
56	2018-10-06-56	HE/University of Delaware	Pfizer Cross Couplings of Alkyl Pyridinium Salts	$0	$0	$41,730
57	2018-10-06-57	HE/University of Delaware	NIIMBL Global Health Fund	$0	$0	$1,500,000
58	2018-10-06-58	HE/University of Delaware	ERP Evaluation of Perceptual Assimilation: English Vowel Perception for Japanese Speakers	$0	$0	$4,000
59	2018-10-06-59	HE/University of Delaware	The Role of the Soil Microbiome in Pollinator Health	$516,059	$0	$0
60	2018-10-06-60	HE/University of Delaware	RMB24 Deficiency Causes Microphthalmia and Anophthalmia in Mice	$0	$0	$2,499
51	2018-10-06-61	HE/University of Delaware	Mechanisms Regulating Inflammation After Cataract Surgery	$0	$0	$2,028
62	2018-10-06-62	HE/University of Delaware	Sex-Specific Roles of Topoisomerase II in Meiosis	$1,250,000	$0	$0

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63	2018-10-06-63	HE/University of Delaware	Regulation of Heme Synthesis by Mitochondrial Proteins	$1,250,000	$0	$0
64	2018-10-06-64	HE/University of Delaware	Healthy Sleep as a Target to Optimize Response to Standard Nicotine Dependence Treatment and Reduce Cancer Risk in Smokers	$3,109,843	$0	$0
65	2018-10-06-65	HE/University of Delaware	Bridge to the Baccalaureate and Beyond	$1,182,779	$0	$0
66	2018-10-06-66	HE/University of Delaware	Mechanisms of Symbiotic Nitrogen (N)-Fixing Bacterial Interactions with Plant Growth Promoting Rhizobacteria	$444,552	$0	$0
67	2018-10-06-67	HE/University of Delaware	Biomaterial Template to Enhance Tendon-to-Bone Enthesis Regeneration	$0	$0	$227,898
68	2018-10-06-68	HE/University of Delaware	NSF Problems in Extremal Combinatorics and Finite Geometry	$194,378	$0	$0
69	2018-10-06-69	HE/University of Delaware	Fall-Recovery Training to Enable Walking Activity in those with Chronic Stroke	$1,823,067	$0	$0
70	2018-10-06-70	HE/University of Delaware	Health Management Associates Opioid Systems	$0	$0	$45,517
71	2018-10-06-71	HE/University of Delaware	Collaborative Research: Machine Learning Framework for Predictive Modeling of Invariant Features in the Submesoscale	$0	$0	$793,462
72	2018-10-06-72	HE/University of Delaware	Collaborative Research: Atomic-Scale Crystalline Hybrids: Tuning the IR Dielectric Function through Optic Phonon Hybridization	$128,069	$0	$0
73	2018-10-06-73	HE/University of Delaware	RI: Medium: Collaborative Research: Mission Impossible: Cooperative Physical Interactions in Heterogeneous Robot Teams	$461,871	$0	$0
74	2018-10-06-74	HE/University of Delaware	NSF Application of Graph Limits to the Seriation Problem	$103,995	$0	$0
75	2018-10-06-75	HE/University of Delaware	NSF Functions with Applications to Design Theory and Cryptology	$220,333	$0	$0
76	2018-10-06-76	HE/University of Delaware	NSF The Additive Combinatorics of Probability Measures	$267,566	$0	$0
77	2018-10-06-77	HE/University of Delaware	Collaborative Research: Unraveling Bronsted Acidity in Zeolites; A Quantum Dynamical Approach	$405,797	$0	$0
78	2018-10-06-78	HE/University of Delaware	Conservation of Juvenile Atlantic Sturgeon in the Delaware River Basin	$0	$0	$16,560
79	2018-10-06-79	HE/University of Delaware	Molecular Markers for Detection of Quarantine Significant Phytoplasmas in Agriculturally and Environmentally Important Plants	$58,180	$0	$0
80	2018-10-06-80	HE/University of Delaware	Reducing Stormwater Runoff with Biochar Addition to Soils in Baltimore Gas & Electric Right-of-Way	$0	$0	$36,810

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81	2018-10-06-81	HE/University of Delaware	Decoding the Brain's Response to Social Cues	$0	$0	$1,000
82	2018-10-06-82	HE/University of Delaware	Examining the Role of Estrogen in a Rodent Model of PTSD	$0	$0	$1,000
83	2018-10-06-83	HE/University of Delaware	ABC Dissemination and Sustainability	$0	$0	$148,148
84	2018-10-06-84	HE/University of Delaware	Instant k-Space Tomography for Spatial-Spectral Monitoring	$0	$0	$160,256
85	2018-10-06-85	HE/University of Delaware	An fNIRS Study of Neural Correlates of Imitation in Children with and without ASD	$275,000	$0	$0
86	2018-10-06-86	HE/University of Delaware	Developing a Novel Single Molecule Imaging Method for Detection of Circular RNAs	$400,000	$0	$0
87	2018-10-06-87	HE/University of Delaware	Deep Learning Image Analysis For Detecting And Sizing Of Sea Scallops and Scallop Predators From Seabed Imagery And Side-Scan Sonar- Development And Implementation Of Convolutional Neural Networks For Survey Applications	$117,208	$0	$0
88	2018-10-06-88	HE/University of Delaware	Between A Rock And A Hard Dredge: A Study Of Sea Scallop Incidental Mortality in Very Hard Bottom Substrates Using Optical Surveys Implementing A BACI Protocol	$250,608	$0	$0
89	2018-10-06-89	HE/University of Delaware	How do Gut Epithelium Cells Respond to Probiotics ?	$0	$0	$91,945
90	2018-10-06-90	HE/University of Delaware	UPENN Center on Standards, Alignment, Instruction, and Learning (C-SAIL)	$0	$0	$31,977
91	2018-10-06-91	HE/University of Delaware	Controlling Glycosylation and Increasing Cell Performance by Inhibiting Genes in the Glycolytic Pathway	$0	$0	$40,500
92	2018-10-06-92	HE/University of Delaware	IR-4 Project 2017: Foliar Feeding Beetle Efficacy	$0	$0	$12,500
93	2018-10-06-93	HE/University of Delaware	Collaborative Research: The Role of Behavior, Biochemistry, and Visual Physiology in Complex Bioluminescent Communication	$210,521	$0	$0
94	2018-10-06-94	HE/University of Delaware	Steady Hypersonic Flight - Progress Towards Understanding Fluid Dynamic Stability of High-Speed Flows	$0	$0	$960
95	2018-10-06-95	HE/University of Delaware	Umpolung Methods with Electron Rich Aromatic Systems: Ortho-Quinone Methides, Aza-Ortho-Xylylenes, and N,N-Dialkylaniline N-Oxides in Synthesis	$439,373	$0	$0
96	2018-10-06-96	HE/University of Delaware	Linking Nitrate Removal from Stormwater Runoff to the Activity of Denitrifying Microbial Community in Biochar-Amended Soil	$0	$0	$864
97	2018-10-06-97	HE/University of Delaware	PEW Latin American Fellows Program - Cintia Santiago	$0	$0	$60,000
98	2018-10-06-98	HE/University of Delaware	Mechanisms Contributing to Hypertension in Postmenopausal Women	$1,879,460	$0	$0

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99	2018-10-06-99	HE/University of Delaware	Measuring Symptom Clusters in People with Sudden-Onset Disabilities	$2,904,252	$0	$0
100	2018-10-07-01	HE/University of Delaware	Advanced Anion Exchange Membranes for Solar-to-Hydrogen Generators	$0	$0	$48,077
101	2018-10-07-02	HE/University of Delaware	Advanced Anion Exchange Membranes for All-Vanadium Flow Batteries	$0	$0	$48,077
102	2018-10-07-03	HE/University of Delaware	Theoretical Studies of Intermolecular Forces	$363,051	$0	$0
103	2018-10-07-04	HE/University of Delaware	Quantification of Spontaneously Produced Bradyrhizobium Phages from Plant Root Nodules	$0	$0	$994
104	2018-10-07-05	HE/University of Delaware	Elucidating the Mechanism of CK2.3 Mediated Osteogenesis	$0	$0	$956
105	2018-10-07-06	HE/University of Delaware	Mechanism of 5'-Tyrosyl-DNA Phosphodiesterase (tdpt-1) Mediated Suppression of DNA Topoisomerase 2 (top-2) during Meiosis in C. Elegans	$0	$0	$987
106	2018-10-07-07	HE/University of Delaware	Characterization of a New Transcription Factor Zbtb8b in Mouse Lens Cells	$0	$0	$2,485
107	2018-10-07-08	HE/University of Delaware	Computational Approaches to Characterizing the Avian Respiratory Viral Microbiome	$0	$0	$1,000
108	2018-10-07-09	HE/University of Delaware	Ultrafast Spin Physics in Insulating Meta-Magnetic Structures	$223,973	$0	$0
109	2018-10-07-10	HE/University of Delaware	Regulation of Erythroid Heme Synthesis by the Ubiquitous Mitochondrial Unfoldase, CLPX	$0	$0	$300,000
110	2018-10-07-11	HE/University of Delaware	Health Consequences of Fear of Cancer Recurrence in Breast Cancer Survivors and Partners	$3,097,451	$0	$0
111	2018-10-07-12	HE/University of Delaware	Sex Differences in Subclinical CVD, Brain, and Cognition Associations	$2,261,045	$0	$0
112	2018-10-07-13	HE/University of Delaware	Nurse Practitioner Employment in Ambulatory Physician Practices to Improve Patient Outcomes and Medicare Costs	$0	$0	$200,212
113	2018-10-07-14	HE/University of Delaware	Reduction of Energy, Water, and Hazardous Material Technical Assistance for Food and Beverage Manufacturers in the Mid-Atlantic Region	$147,907	$0	$0
114	2018-10-07-15	HE/University of Delaware	2019 Poultry Disease Outbreak Management and Regionalization (PDMOR) Symposium - UD Training Program	$96,524	$0	$0
115	2018-10-07-16	HE/University of Delaware	Amendment to Practice Defaults and Enrollment in the Conservation Reserve Program	$125,000	$0	$0
116	2018-10-07-17	HE/University of Delaware	Permafrost Modeling in the Dry Andes, Argentina	$0	$0	$14,000

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117	2018-10-07-18	HE/University of Delaware	Small Business Administration Cooperative Agreement FY18-19	$562,190	$428,448	$0
118	2018-10-13-01	HE/Delaware State University	2020 Health Fund Program	$154,325	$0	$0
119	2018-10-13-02	HE/Delaware State University	International Biotechnology Academy for Research (I-BARS)	$399,842	$0	$0
120	2018-10-13-03	HE/Delaware State University	Analysis of Specific Spoilage Organisms and Other Bacteria Isolated from Food and Agriculture Products	$48,000	$0	$0

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Delaware State Clearinghouse Committee
November-December Agenda

December 10, 2018

Item	SAI#	Applicant	Project Title	Funding Federal	Funding State	Funding Other	Positions Federal	Positions State	Positions Other
New Business*									
1	3842	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Act - Victims Assistance	$10,138,264	$0	$2,407,837	8.50	0.00	0.00
2	3884	Executive, Criminal Justice, Criminal Justice Council	FY2018 National Sexual Assault Kit Initiative (SAKI)	$1,000,000	$0	$0	2.00	0.00	0.00
3	3885	Executive, Criminal Justice, Criminal Justice Council	Adult Reentry and Employment Strategic Planning	$200,000	$0	$0	0.35	0.00	0.00
4	2018-10-26-01	Delaware State Housing Authority	Mainstream Voucher program	$441,930	$0	$0	0.00	0.00	0.00
5	3879	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Mental Health Awareness Training (MHAT) Grants	$375,000	$0	$0	0.00	0.00	0.00
6	3881	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	$234,652	$0	0.00	0.76	0.00
7	3882	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	0.35	0.00
8	3905	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	$531,701	$0	0.00	0.50	0.00
9	3858	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Harvey and Knot Drum, Inc. Oversight of Remedial Action	$5,000	$0	$0	0.05	0.00	0.00
10	3860	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Hockessin Site Wide Remediation Investigation and Feasibility Study	$4,000	$0	$0	0.04	0.00	0.00
11	3861	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Hockessin Cleaners Facility Removal Action	$8,000	$0	$0	0.07	0.00	0.00
12	3862	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Port Security Program	$150,502	$452	$0	0.00	0.00	0.00
13	3864	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Sunrise Cleaners Facility Removal Action	$8,000	$0	$0	0.07	0.00	0.00
14	3866	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Newark South Ground Water Plume Remedial Investigation and Feasibility Study	$20,000	$0	$0	0.18	0.00	0.00
15	3865	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Non-Profit Security Grant Program	$200,000	$0	$0	0.00	0.00	0.00
16	3868	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Port Security Program	$166,500	$55,500	$0	0.00	0.00	0.00
17	3883	Department of Transportation, Planning	High Priority Innovative Technology Deployment	$445,851	$78,680	$0	0.00	0.00	0.00
Continued									
18	3494 Amendment	Criminal Justice Council	Comprehensive Opioid Abuse Programs	$850,000	$0	$0	0.38	0.00	0.00
19	3735	Executive, Criminal Justice, Criminal Justice Council	Title II - Formula Block Grant	$400,000	$41,694	$0	0.40	0.65	0.00
20	3834	Executive, Criminal Justice, Criminal Justice Council	Children's Justice Act	$88,956	$0	$0	0.00	0.00	0.00

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21	3840	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	FFY 18 Supported Employment-B	$21,000	$1,167	$0	0.00	0.00	0.00
22	3880	Department of Health and Social Services, State Service Centers	AmeriCorps State Administrative Grant for Delaware Commission on Community and Volunteer Service	$265,000	$265,000	$0	2.75	2.38	0.00
23	3886	Department of Health and Social Services, Public Health, Community Health	Clinical Laboratory Improvement Amendments	$44,450	$0	$0	0.60	0.00	0.00
24	3106 Amendment	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Prime Hook National Wildlife Refuge Marsh Restoration	$15,000	$0	$0	0.04	0.00	0.00
25	3844	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Raptor Monitoring and Management	$63,000	$21,000	$0	0.00	0.06	0.00
26	3853	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Phragmites Control on Private and Public Lands	$168,750	$56,250	$0	0.00	0.25	0.00
27	3854	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Investigations - Wild Turkey	$31,489	$10,496	$0	0.12	0.10	0.00
28	3855	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	White-nose Syndrome Grants to States	$15,785	$0	$0	0.04	0.00	0.00
29	3859	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Tidal Freshwater Fisheries Management	$84,918	$28,306	$0	0.79	0.01	0.00
30	3841	Department of Homeland Security, Office of the Secretary, Division of Forensic Science	DNA Capacity Enhancement & Backlog Reduction Prog.	$363,474	$0	$0	0.00	0.00	0.00
31	3848	Department of Homeland Security, Federal Emergency Management Agency, Delaware Emergency Management Agency	Pre-Disaster Mitigation	$74,250	$74	$24,676	0.00	0.00	0.00
32	3814	Department of Transportation, Division of Motor Vehicles	Commercial Driver License Program Improvement Grant	$679,391	$35,758	$0	0.00	0.00	0.00
33	3820	Department of Labor, Employment and Training, Employment and Training Services	FY19 Wagner-Peyser Act, Employment Services	$1,894,205	$0	$0	19.45	0.00	0.00
34	3821	Department of Labor, Employment and Training, Employment and Training Services	Workforce Investment Act - Dislocated Worker	$2,402,580	$0	$0	12.30	0.00	0.00
35	3822	Department of Labor, Employment and Training, Employment and Training Services	Workforce Investment Act - Adult	$2,017,831	$0	$0	10.50	0.00	0.00
36	3823	Department of Labor, Employment and Training, Employment and Training Services	Workforce Investment Act-Youth	$2,128,572	$0	$0	3.85	0.00	0.00
37	3869	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	$516,500	$0	$0	6.50	0.00	0.00
38	3838	Department of Agriculture, Administration	Senior Farmer's Market Nutrition Program	$30,000	$0	$0	0.00	0.00	0.00
39	3874	Department of Agriculture, Food Products Inspection	Public Health Data Communication Infrastructure System	$1,800	$0	$0	0.00	0.00	0.00
40	3875	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey - Infrastructure	$72,069	$0	$0	0.82	0.00	0.00
41	3876	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey - Fire Ant Survey	$9,400	$0	$0	0.05	0.00	0.00
42	3877	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey	$29,580	$0	$0	0.13	0.00	0.00
43	3867	Department of Education	Individuals with Disabilities Education Act Projects for Children and Young Adults Who Are Deaf-Blind	$325,000	$0	$0	0.00	0.00	0.00
Higher Education									
1	2018-11-03-01	HE/University of Delaware	Identifying Circuits and Mechanisms via which Basal Forebrain Cholinergic Neurons Facilitate Fear Memory	$1,128,012	$0	$0			

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2	2018-11-03-02	HE/University of Delaware	Cotton Spa QOL; Enhancing the Curriculum through Bio-Innovation; Development and Testing of Cotton Well-Being Products	$0	$0	$45,692
3	2018-11-03-03	HE/University of Delaware	Dissecting and Targeting Breast Cancer Recurrence with Molecular Tools	$1,250,000	$0	$0
4	2018-11-03-04	HE/University of Delaware	Racial Differences in Serum Sodium and Blood Pressure Regulation	$734,440	$0	$0
5	2018-11-03-05	HE/University of Delaware	Delaware Procurement Technical Assistance Center Base FY20	$237,493	$75,823	$0
6	2018-11-03-06	HE/University of Delaware	2018 Proposal for Special Initiative on Offshore Wind	$0	$0	$480,643
7	2018-11-03-07	HE/University of Delaware	Opening the Door to Algebra: Does Improving Facets of Fraction Knowledge Impact Algebra Learning	$0	$0	$30,571
8	2018-11-03-08	HE/University of Delaware	PADE Delaware Readiness 18/19 Partner Organization	$0	$0	$12,000
9	2018-11-03-09	HE/University of Delaware	Cotton Inc. Use Edited Business Analytics Tool in the Classroom to Analyze Online Promotional and Merchandising Strategy for Sustainable Cotton in the World Marketplace	$0	$0	$25,300
10	2018-11-03-10	HE/University of Delaware	Comparative Genomics to Link Sequence Variation to Phenotype	$1,313,595	$0	$0
11	2018-11-03-11	HE/University of Delaware	PEMF Regulates Bone Formation through Activation of Voltage Sensitive Calcium Channels	$1,250,000	$0	$0
12	2018-11-03-12	HE/University of Delaware	PADE STRIVE 18/19 Partner Organization	$0	$0	$14,000
13	2018-11-03-13	HE/University of Delaware	PADE West Side Grows Together 18/19 Partner Organization	$0	$0	$15,500
14	2018-11-03-14	HE/University of Delaware	PADE LYTE 18/19 Partner Organization	$0	$0	$14,000
15	2018-11-03-15	HE/University of Delaware	PADE Beau Biden Foundation 18/19 Partner Organization	$0	$0	$14,000
16	2018-11-03-16	HE/University of Delaware	PADE TEDx 18/19 Partner Organization	$0	$0	$14,000
17	2018-11-03-17	HE/University of Delaware	PADE Habitat for Humanity Sussex 18/19 Partner Organization	$0	$0	$14,000
18	2018-11-03-18	HE/University of Delaware	PADE Habitat for Humanity Sussex 2 18/19 Partner Organization	$0	$0	$14,000
19	2018-11-03-19	HE/University of Delaware	PADE Habitat for Humanity Kent 18/19 Partner Organization	$0	$0	$14,000

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20	2018-11-03-20	HE/University of Delaware	PADE Bellevue Community Center 18/19 Partner Organization	$0	$0	$16,000
21	2018-11-03-21	HE/University of Delaware	PADE Network Delaware 18/19 Partner Organization	$0	$0	$12,000
22	2018-11-03-22	HE/University of Delaware	PADE Water is Life 18/19 Partner Organization	$0	$0	$12,000
23	2018-11-03-23	HE/University of Delaware	WAREHOUSE PADE 18/19 Partner Organization	$0	$0	$12,000
24	2018-11-03-24	HE/University of Delaware	PADE West End Neighborhood House 18/19 Partner Organization	$0	$0	$16,000
25	2018-11-03-25	HE/University of Delaware	PADE Coalition for Community Affordable Housing 18/19 Partner Organization	$0	$0	$12,000
26	2018-11-03-26	HE/University of Delaware	PADE Girls Inc. 18/19 Partner Organization	$0	$0	$14,000
27	2018-11-03-27	HE/University of Delaware	PADE National Alliance on Mental Illness Delaware 18/19 Partner Organization	$0	$0	$16,500
28	2018-11-03-28	HE/University of Delaware	PADE Eastside Charter School 18/19 Partner Organization	$0	$0	$16,000
29	2018-11-03-29	HE/University of Delaware	PADE The Nature Conservancy 18/19 Partner Organization	$0	$0	$14,000
30	2018-11-03-30	HE/University of Delaware	Collaborative Research: Meta-Spintronic Structures as Broadband Efficient Durable THz Radiation Emitters	$224,597	$0	$0
31	2018-11-03-31	HE/University of Delaware	RAPID: Draining the Landscape: Will the Drop in Stream and Groundwater Levels Following Dam Removal Increase the Leaching/Leakage of Nitrogen (N) from Riparian Zones?	$35,422	$0	$0
32	2018-11-03-32	HE/University of Delaware	Delaware Youth Empowerment Project	$2,433,584	$0	$0
33	2018-11-03-33	HE/University of Delaware	Temperature Profile Refinement and Centrifugal Spit Separation for Commercial-scale Evaporation Sources	$0	$0	$38,462
34	2018-11-03-34	HE/University of Delaware	Humanity United Better Buying Renewal	$0	$0	$173,913
35	2018-11-03-35	HE/University of Delaware	DARPA Lifelong Learning Machine Systems	$0	$0	$54,150
36	2018-11-03-36	HE/University of Delaware	Social, Mobilization, Securitization, Symbolic Politics: A Computational Model of Quantum and Classical Information, Decision-making, and Influence	$353,812	$0	$0
37	2018-11-03-37	HE/University of Delaware	Homogenous Interface Conductive and Flexible Solid State Membrane for Li- S Batteries	$0	$0	$39,805

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38	2018-11-03-38	HE/University of Delaware	Protein-Engineered Nanostructures to Illuminate Tissue Transport and Cellular Processing	$314,668	$0	$0
39	2018-11-03-39	HE/University of Delaware	Understanding Transcriptional Control by EWSFLI1 in Ewing's Sarcoma	$0	$0	$660,000
40	2018-11-03-40	HE/University of Delaware	Baylor/NSF: The Onset of Turbulence in Dusty Plasma Liquids with Low Reynolds Numbers	$0	$0	$31,603
41	2018-11-03-41	HE/University of Delaware	A Perceptual Model of Racial Bias in Pain Care	$275,000	$0	$0
42	2018-11-03-42	HE/University of Delaware	Development of a Screening Resource for Pediatric Mild Traumatic Brain Injury Patients	$0	$0	$259,660
43	2018-11-03-43	HE/University of Delaware	Viscoelastic and Volumetric Contributions to Age-Related Cognitive Decline	$0	$0	$16,002
44	2018-11-03-44	HE/University of Delaware	PADE West End Neighborhood House 18/19 Partner Organization	$0	$0	$16,000
45	2018-11-03-45	HE/University of Delaware	2019 Fulbright Visiting Scholar Program for Iraq - Engineering Cohort	$0	$0	$109,200
46	2018-11-03-46	HE/University of Delaware	Diagenesis of Nucleic Acids in Marine Sediments	$0	$0	$110,000
47	2018-11-03-47	HE/University of Delaware	Food Safety, Institutional Trust, and Consumer Demand in Emerging Markets	$0	$0	$117,258
48	2018-11-03-48	HE/University of Delaware	LEAP-HI: Embedding Regional Hurricane Risk Management in the Life of a Community: A Computational Framework REU Supplement	$16,000	$0	$0
49	2018-11-03-49	HE/University of Delaware	NSF RAPID: 2018 Hurricane Season: Public Health Adaptive Response	$60,969	$0	$0
50	2018-11-03-50	HE/University of Delaware	Manufacturing of Critical Manganese Alloys for Rare-earth-free Permanent Magnets and Antiferromagnet Spintronics	$147,446	$0	$0
51	2018-11-03-51	HE/University of Delaware	NSF Fourier and Fourier - Type Algebras of Lie Groups	$103,995	$0	$0
52	2018-11-03-52	HE/University of Delaware	Mindfulness and Romantic Relationship Quality	$284,858	$0	$0
53	2018-11-03-53	HE/University of Delaware	4D Rheo-SANS Sample Environment for Soft Matter, Biology and Materials Processing	$0	$0	$58,820
54	2018-11-03-54	HE/University of Delaware	NSF CAREER: Proof in Secondary Classrooms: Decomposing a Central Mathematical Practice	$13,675	$0	$0
55	2018-11-03-55	HE/University of Delaware	PADE Habitat for Humanity Kent (Central DE) 2 18/19 Partner Organization	$0	$0	$14,000

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56	2018-11-03-56	HE/University of Delaware	McIntire-Stennis Cooperative Forestry Research Program 2019	$137,666	$0	$0
57	2018-11-03-57	HE/University of Delaware	Soft Ankle Foot Orthosis Using Dielectric Elastomer Actuator, DEAFO	$0	$0	$95,235
58	2018-11-03-58	HE/University of Delaware	Associations Between Chronic Stress, Acute Stress Reactivity, Memory and Cognition in Aphasia	$300,000	$0	$0
59	2018-11-03-59	HE/University of Delaware	Tracking the Impact: Evaluating the Effect of Mass Emergency Depopulation of Poultry During Disease Outbreaks on Soil and Water	$228,947	$0	$0
60	2018-11-03-60	HE/University of Delaware	The Quantum Spin Foundry (QSF)	$0	$0	$1,577,383
51	2018-11-03-61	HE/University of Delaware	Assessment of Coastal Marsh Restoration on Wintering Black Duck Energetic Carrying Capacity for Strategic Habitat Management and Resiliency	$124,821	$0	$0
62	2018-11-03-62	HE/University of Delaware	Theoretical Support for the IMAP Mission: A Subcontract Proposal Submitted to Princeton University by the University of Delaware	$0	$0	$6,410
63	2018-11-03-63	HE/University of Delaware	PADE JEWISH FAMILY SERVICES 18/19 Partner Organization	$0	$0	$16,000
64	2018-11-03-64	HE/University of Delaware	Efficacy of Vibration in Overcoming Exercise Barriers for Breast Cancer Patients	$285,400	$0	$0
65	2018-11-03-65	HE/University of Delaware	PADE Child Inc. 18/19 Partner Organization	$0	$0	$16,000
66	2018-11-03-66	HE/University of Delaware	Optimal Mechanisms for Teams and Coalition Formation	$266,436	$0	$0
67	2018-11-03-67	HE/University of Delaware	Collaborative Research: Controlled Preparation, Electronic Properties, and Dynamic Characterization of Materials for Supramolecular Electronics	$326,483	$0	$0
68	2018-11-03-68	HE/University of Delaware	An Integrative Approach to the Treatment of Lung Disease and Lung Cancer	$0	$0	$459,241
69	2018-11-03-69	HE/University of Delaware	Electrochemical Nitrogen Reduction at Triple Phase Boundary	$0	$0	$110,000
70	2018-11-03-70	HE/University of Delaware	Using ECCC's Weather Radar Network to Map Migratory Bird Stopover Hotspots throughout Southeastern Canada to Help Inform and Prioritize New Protected Areas	$0	$0	$68,263
71	2018-11-03-71	HE/University of Delaware	Device for the Capture of Circulating Tumor Cells	$0	$0	$95,238
72	2018-11-03-72	HE/University of Delaware	Analysis of Stochastic Hybrid Systems with Applications to Synthetic Biology	$152,825	$0	$0
73	2018-11-03-73	HE/University of Delaware	A Comprehensive Assessment of Past and Future Impacts of Weather and Climate Change, Land Use, and Habitat Management on the Status of Wintering Waterfowl across the Western Gulf of Mexico.	$1,693,800	$0	$0

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74	2018-11-03-74	HE/University of Delaware	Mechanisms of Sex Differences in Neonatal Pulmonary Oxygen Toxicity	$0	$0	$165,000
75	2018-11-03-75	HE/University of Delaware	CIF: Small: Communications in Schwarzschild Spacetime	$297,888	$0	$0
76	2018-11-03-76	HE/University of Delaware	Novel Transverse Spin Hall Effect Induced Phenomena in Single Ferromagnet and Magnetic Heterostructures	$264,854	$0	$0
77	2018-11-03-77	HE/University of Delaware	Collaborative Research: Mirror Image Peptide Complexes: Understanding Molecular Scale Interactions to Design Dynamic, Macroscale Biomaterial Networks	$147,702	$0	$0
78	2018-11-03-78	HE/University of Delaware	Developing Geospatial Pathway Program for Delaware High School Students	$0	$0	$20,542
79	2018-11-03-79	HE/University of Delaware	EGFR Signaling in Cartilage Homeostasis and Disease	$0	$0	$30,255
80	2018-11-03-80	HE/University of Delaware	Controlling Reactivity of Defects on Metal Oxide Surfaces	$418,901	$0	$0
81	2018-11-03-81	HE/University of Delaware	Turbulence in the Magnetosheath - A Natural Laboratory for Astrophysical Turbulence	$313,302	$0	$0
82	2018-11-03-82	HE/University of Delaware	IREX Mandela and Washington Fellowship for Young African Leaders	$0	$0	$176,893
83	2018-11-03-83	HE/University of Delaware	Increasing Planter Performance to Maintain Soil Health and Promote Seed Emergence	$124,970	$0	$0
84	2018-11-03-84	HE/University of Delaware	NOAA NWS National Mesonet Program 2018-2019	$0	$0	$144,509
85	2018-11-03-85	HE/University of Delaware	Enzyme-Enabled Breakdown of Lignin for Biobased Product Synthesis	$0	$0	$15,105
86	2018-11-03-86	HE/University of Delaware	Robust, Relative and Reliable Visual Navigation	$0	$0	$49,957
87	2018-11-03-87	HE/University of Delaware	Investigating Associations between Teacher-Child Interactions and Reading Growth for Young ELs	$0	$0	$11,005
88	2018-11-03-88	HE/University of Delaware	Collaborative Research: Manipulating Phase Behavior of a Class of Intrinsically Disordered Proteins via Computational Design	$184,619	$0	$0
89	2018-11-03-89	HE/University of Delaware	Electrochemical Methods for the Sustainable Synthesis of Metal-Organic and Porous-Aromatic Frameworks	$385,022	$0	$0
90	2018-11-03-90	HE/University of Delaware	Contributions of Executive Function to Literacy Development in Impoverished Settings	$0	$0	$15,000
91	2018-11-03-91	HE/University of Delaware	Weather Data and Model Interoperability for Agricultural Decision Tools	$0	$0	$89,598

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92	2018-11-03-92	HE/University of Delaware	Advancing Frequency-Domain Fluorescence Measurements Using Compressive Sensing	$367,357	$0	$0
93	2018-11-03-93	HE/University of Delaware	Impacting Chemical Biology through Synthetic Excellence	$0	$0	$84,972
94	2018-11-03-94	HE/University of Delaware	Intervening Early with Neglected Children: Key Behavioral and Neurobiological Outcomes in Adolescence	$2,481,700	$0	$0
95	2018-11-03-95	HE/University of Delaware	Mechanisms Underlying the Protective Vascular Effects of Dietary Potassium in Humans	$1,797,658	$0	$0
96	2018-11-03-96	HE/University of Delaware	Bio-Based Ingredients for Cosmetics and Performance Lubricants	$0	$0	$60,973
97	2018-11-03-97	HE/University of Delaware	Neuromuscular Electrical Stimulation as Complementary Intervention for Achilles Tendon Rupture Rehabilitation	$0	$0	$68,155
98	2018-11-03-98	HE/University of Delaware	Bridge to the Doctorate: The Greater Philadelphia Region (Cohort XVII) Project at the University of Delaware	$0	$0	$1,056,000
99	2018-11-03-99	HE/University of Delaware	Bundlemer Chemistry: Click and Dynamic Covalent Chemistry on the Designed Surface of a Monodisperse, Self-Assembled Peptide Particle	$300,094	$0	$0
100	2018-11-04-01	HE/University of Delaware	Reinforcing Composite Electrolyte Electrochemically and Mechanically via Ionic Functionalization	$204,133	$0	$0
101	2018-11-04-02	HE/University of Delaware	UD DFM Candidate Poultry Trial 4	$0	$0	$14,561
102	2018-11-04-03	HE/University of Delaware	Biomaterials to Improve Outcomes after Vascular Surgery	$0	$0	$604,094
103	2018-11-04-04	HE/University of Delaware	The Role of Statistical Learning in the Atypical Language Development in ASD	$300,000	$0	$0
104	2018-11-04-05	HE/University of Delaware	Design, Analysis, and Testing for Composite Oil Tank	$0	$0	$12,587
105	2018-11-04-06	HE/University of Delaware	A Mindfulness Intervention to Improve Romantic Relationship Quality	$0	$0	$20,000
106	2018-11-04-07	HE/University of Delaware	Dynamic Treatment Regimens of Physical Activity for Persons with Osteoarthritis	$0	$0	$38,229
107	2018-11-04-08	HE/University of Delaware	3-D Visualization and Prediction of Vertebral Fractures	$0	$0	$461,701
108	2018-11-04-09	HE/University of Delaware	IPA Agreement/Award Letter	$306,272	$0	$0
109	2018-11-04-10	HE/University of Delaware	Collaborative Research: OP: Exploring and Exploiting Spin Textures in InAs Quantum Dot Complexes	$357,171	$0	$0

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110	2018-11-04-11	HE/University of Delaware	Accelerated Chemistry in Aerosol Droplets Relevant to the Atmosphere	$327,717	$0	$0
111	2018-11-04-12	HE/University of Delaware	Evaluation of Row Cleaners and Coulters for Planting Corn into Green Cover Crops	$0	$0	$125,349
112	2018-11-04-13	HE/University of Delaware	In-Home Technology to Detect Changes in Function in Older Adults with Mild Cognitive Impairment	$2,624,722	$0	$0
113	2018-11-04-14	HE/University of Delaware	Behavioral and Neurophysiologic Processes of Locomotor Learning after Stroke	$1,728,299	$0	$0
114	2018-11-04-15	HE/University of Delaware	PADE Girls Inc. 2 18/19 Partner Organization	$0	$0	$12,000
115	2018-11-04-16	HE/University of Delaware	Thorium Nuclear Clocks for Fundamental Test of Physics	$0	$0	$1,482,203
116	2018-11-04-17	HE/University of Delaware	Expanded Food and Nutrition Education Program FY19	$309,680	$0	$0
117	2018-11-04-18	HE/University of Delaware	Novel Machine Learning Methods For The Automated Detection Of Important Lepidopteran Crop Pests	$328,785	$0	$0
118	2018-11-04-19	HE/University of Delaware	Nutrition Facts Label of Ice Cream Sold in the United States	$0	$0	$61,330
119	2018-11-04-20	HE/University of Delaware	Building Science Identity in Young Women through a Video Game about Art Conservation Science	$0	$0	$116,618
120	2018-11-04-21	HE/University of Delaware	Anisotropic Spin Relaxation, Electrical Tuning of Spin Current, and Nonlocal Spin Transfer	$233,698	$0	$0
121	2018-11-04-22	HE/University of Delaware	New Approaches for Light-Activated Ligation Reactions to Reversibly Modulate Biomaterial Properties	$355,322	$0	$0
122	2018-11-04-23	HE/University of Delaware	Youth Centered Approaches to Community-Based Education	$0	$0	$50,000
123	2018-11-04-24	HE/University of Delaware	Pulsatile Load, Pulsatility, and Cognitive Function in Chronic Kidney Disease	$0	$0	$180,000
124	2018-11-04-25	HE/University of Delaware	Mindfulness and Romantic Relationship Quality Among Dating Couples	$0	$0	$4,990
125	2018-11-04-26	HE/University of Delaware	IR-4 Northeast Region Minor Crop Pest Management Program	$0	$0	$6,000
126	2018-11-04-27	HE/University of Delaware	Suppressing Radiation-Triggered Maladaptive Signaling in Skin via 'On-Demand' siRNA Delivery from Responsive Polymer Nanoparticles	$316,028	$0	$0
127	2018-11-04-28	HE/University of Delaware	Enhancing Sensitivity of Plasmonic Lab-on-a-Chip Sensors	$486,738	$0	$0

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128	2018-11-04-29	HE/University of Delaware	Collaborative Research: Engineering Catalyst Materials for Carbon Utilization	$167,769	$0	$0
129	2018-11-04-30	HE/University of Delaware	Nontraditional Noncovalent Interactions in Protein Structure, Function, and Design	$433,509	$0	$0
130	2018-11-04-31	HE/University of Delaware	Cloud Computing and Developing Latent Transition Analysis Software: NAEP Across Key Educational and Social Legislation in the Past 50 Years	$0	$0	$130,641
131	2018-11-04-32	HE/University of Delaware	Single-ion Conducting Block Polymers with Tunable Monomer Sequence for Nanostructured Battery Electrolytes	$330,655	$0	$0
132	2018-11-04-33	HE/University of Delaware	Workflow Provenance for Big Data Computational Social Science	$0	$0	$46,506
133	2018-11-04-34	HE/University of Delaware	How does Graduate Teaching Assistants' Knowledge about Calculus Students' Mathematical Thinking Inform their Teaching Practice	$0	$0	$50,000
134	2018-11-04-35	HE/University of Delaware	Soft Ankle Foot Orthosis Using Artificial Muscle, DEAFO	$45,000	$0	$0
135	2018-11-04-36	HE/University of Delaware	The Integrated Sea Ice Dynamics Experiment (SIDEx)	$395,780	$0	$0
136	2018-11-04-37	HE/University of Delaware	UniProt: A Centralized Protein Sequence and Function Resource	$0	$0	$100,780
137	2018-11-04-38	HE/University of Delaware	PADE Parent Info Center 18/19 Partner Organization	$0	$0	$12,000
138	2018-11-04-39	HE/University of Delaware	Delaware Space Grant College and Fellowship Program	$451,058	$0	$0
139	2018-11-04-40	HE/University of Delaware	Improving the Production of Research Through Embedded Partnership.	$0	$0	$10,609
140	2018-11-04-41	HE/University of Delaware	A Community-Based Participatory Research Approach to Falls Prevention Among Older Latinos	$0	$0	$84,480
141	2018-11-04-42	HE/University of Delaware	CNS Core: Small: Collaborative Research: Trustworthy Hierarchical Edge Computing	$167,773	$0	$0
142	2018-11-04-43	HE/University of Delaware	Can Organic-Inorganic Hybrid Perovskites be Electrically Doped?	$405,437	$0	$0
143	2018-11-04-44	HE/University of Delaware	Simons FOK MMLS (Mathematical Modeling of Living Systems)	$0	$0	$550,000
144	2018-11-04-45	HE/University of Delaware	Build Instructional Capacity by Providing Instructional Rounds with Principals and District Office Personnel, which will Include Twelve Schools over the Course of 6 Days	$0	$0	$17,534
145	2018-11-17-01	HE/Delaware State University	Research Initiation Award: Diversity of Ecosystem Services Provisioning in Coastal Socio-Ecological Systems	$299,905	$0	$0

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146	2018-11-17-02	HE/Delaware State University	Investigations of the Mechanism of the Novel Microtubule-Targeting Agent Eribulin by Optical Methods	$499,868	$0	$0
147	2018-11-17-03	HE/Delaware State University	Modulation of Synaptic Neurotransmitter Levels by Auto Receptors	499.732.00	$0	$0
148	2018-11-17-04	HE/Delaware State University	Phenotypic Modeling of Gut, Brain and Microbiome Interactive Effects on Behavior in Gallus	$250,376	$0	$0
149	2018-11-17-05	HE/Delaware State University	Repurposing Bicycol for the Treatment of Amyotrophic Lateral Sclerosis	$714,285	$0	$0
150	2018-11-17-06	HE/Delaware State University	Automated Cell Segmentation, Tracking and Quantitative Analysis: Mathematical Methods and Algorithms	$520,233	$0	$0
151	2018-11-17-07	HE/Delaware State University	Delaware Department of Health and Social Services Strategic Planning	$33,750	$0	$0
152	2018-11-17-08	HE/Delaware State University	Ultra-High Precision Sensing of Atmospheric Carbon, Nitrogen and Isotopic Species Using Portable Frequency Comb Mid-IR Sensor System	$476,567	$0	$0
153	2018-11-17-09	HE/Delaware State University	Vesicular Acetylcholine Transporter Trafficking and Synaptic Activity	$499,996	$0	$0
154	2018-11-17-10	HE/Delaware State University	Excellence in Research: An Integrative Approach to Disentangle the Classification of the Olive Subtribe (Oleinae, Oleaceae)	$484,300	$0	$0
155	2018-11-17-11	HE/Delaware State University	Variation in Nutrition Facts Label of Ice Cream Sold in the United States	$158,235	$0	$0
156	2018-11-17-12	HE/Delaware State University	Excellence in Research-2D and Layered Electronic and Photonic Sensors for Detecting Medically Relevant Biomarkers	$734,386	$0	$0
157	2018-11-17-13	HE/Delaware State University	Developing Soil Health Education and Training at 1890 and 1994 Land-Grant Universities	$40,195	$0	$0
158	2018-11-17-14	HE/Delaware State University	Influence of Common Bean Extract on Neuron Cell	$77,293	$0	$0
159	2018-11-17-15	HE/Delaware State University	Excellence in Research: Stimulated Raman Backscattering for Extremely High Intensity Light	$994,609	$0	$0
160	Amend to cover years 2-5 2017-10-07-19	HE/Delaware State University	HBCU - Strengthening	$11,838,052	$0	$0
161	Amendment 15-09-05-84	HE/Delaware State University	Student Aid and Fiscal Responsibility Act Grant	$3,485,328	$0	$0
162	2018-11-17-16	HE/Delaware State University	Investigation of Race-Ethnic Disparity in Pediatric and Young Adult AML Survival	$109,496	$0	$0
163	2018-11-17-17	HE/Delaware State University	Health Literary on Diabetes; Community Engaged Research among Ghanaian Immigrants	$56,968	$0	$0

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164	2018-11-17-18	HE/Delaware State University	Factors Affecting the Management and Outcome of Gestational Diabetes	$116,800	$0	$0
165	2018-11-17-19	HE/Delaware State University	Fundamental Mechanisms Governing Pre-Synaptic Modulation of Synaptic Dopamine	$502,465	$0	$0
166	3837	Delaware Technical and Community College	Upward Bound Classic	$1,066,969	$0	$0

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