

**Delaware State Clearinghouse Committee  
Agenda**

**January 21, 2016**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
<b>New Business</b>									
1	<a href="#">2553</a>	Executive, Criminal Justice, Criminal Justice Council	Smart on Juvenile Justice: Enhancing Youth Access to Justice Initiative	\$147,983	\$0	\$0	0.10	0.00	0.00
2	<a href="#">2566</a>	Executive, Criminal Justice, Criminal Justice Council	Adam Walsh Act Implementation	\$400,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2567</a>	Executive, Criminal Justice, Criminal Justice Council	Project Safe Neighborhoods	\$144,946	\$0	\$0	0.04	0.00	0.00
4	<a href="#">2558</a>	Legal, Office of Attorney General	High Intensity Drug Trafficking Areas Program	\$48,750	\$0	\$0	0.00	0.00	0.00
5	<a href="#">2556</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Improving Maternal and Infant Health Outcomes	\$100,000	\$0	\$0	0.00	0.00	0.00
6	<a href="#">2534</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Conservation and Recovery of Sturgeons	\$221,454	\$73,818	\$0	0.80	0.00	0.00
7	<a href="#">2542</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Marine Debris Removal	\$126,124	\$126,149	\$0	0.43	0.00	0.00
8	<a href="#">2554</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Restore Urban Waterways - Brandywine Riverfront Northeast	\$53,000	\$0	\$16,090	0.00	0.00	0.00
<b>Continued</b>									
9	<a href="#">2551</a>	Executive, Criminal Justice, Criminal Justice Council	John R. Justice	\$30,801	\$0	\$0	0.01	0.00	0.00
10	<a href="#">2560</a>	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$55,559	\$18,520	\$0	0.03	0.00	0.00
11	<a href="#">2563</a>	Executive, Criminal Justice, Criminal Justice Council	Prison Rape Elimination Act Reallocation Funds	\$34,241	\$0	\$0	0.00	0.00	0.00
12	<a href="#">2564</a>	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act - Coverdell	\$63,705	\$0	\$0	0.00	0.00	0.00
13	<a href="#">1992 Amendment 2</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients and Providers Act	\$65,619	\$0	\$0	0.00	0.00	0.00
14	<a href="#">2015-09-28-01</a>	Department of State, Regulation and Licensing, Public Service Commission	Natural Gas Pipeline Safety Base Grant	\$59,456	\$201,398	\$0	0.50	1.86	0.00
15	<a href="#">2543</a>	Department of State, Regulation and Licensing, Public Service Commission	Pipeline Safety One Call Grant	\$12,110	\$0	\$0	0.02	0.00	0.00
16	<a href="#">2573</a>	Department of Health and Social Services, State Service Centers	AmeriCorps State Administrative Grant for Delaware Commission on Community and Volunteer Service	\$250,000	\$250,000	\$0	2.75	1.40	0.00
17	<a href="#">2547</a>	Department of Health and Social Services, Public Health, Community Health	Sexual Violence Prevention and Education	\$219,367	\$0	\$0	0.00	0.00	0.00
18	<a href="#">2549</a>	Department of Health and Social Services, Public Health, Community Health	Water System Supervision	\$577,998	\$427,191	\$0	8.00	8.35	0.00
19	<a href="#">2555</a>	Department of Health and Social Services, Public Health, Community Health	Ryan White Care Act Title II	\$4,975,434	\$0	\$0	4.05	0.00	0.00

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20	<a href="#">2562</a>	Department of Health and Social Services, Public Health, Community Health	Pregnancy Risk Assessment Monitoring System	\$151,252	\$132,152	\$0	2.00	0.74	0.00
21	<a href="#">2565</a>	Department of Health and Social Services, Public Health, Emergency Medical Services	Emergency Medical Services for Children Partnership	\$130,000	\$13,717	\$0	0.00	0.10	0.00
22	<a href="#">2568</a>	Department of Health and Social Services, Public Health, Community Health	Retail Food Standards - Category One	\$3,000	\$0	\$0	0.00	0.00	0.00
23	<a href="#">2569</a>	Department of Health and Social Services, Public Health, Community Health	Retail Food Standards - Category Three	\$3,000	\$0	\$0	0.00	0.00	0.00
24	<a href="#">2533</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Adoption Incentive Payments Program	\$10,013	\$0	\$0	0.00	0.00	0.00
25	<a href="#">2536</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Coastal Finfish Assessment Survey	\$152,631	\$50,877	\$0	2.19	0.45	0.00
26	<a href="#">2538</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Fisheries Management Program	\$30,393	\$10,131	\$0	0.26	0.10	0.00
27	<a href="#">2541</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Anadromous Species Investigations	\$272,310	\$90,770	\$0	3.03	0.01	0.00
28	<a href="#">2546</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Information Technology	Environmental Information Exchange Network	\$286,459	\$0	\$0	0.00	0.00	0.00
29	<a href="#">2548</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Aquatic Resources Education	\$375,000	\$125,000	\$0	2.08	0.27	0.00
30	<a href="#">2561</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Survey of Sport Fish of Delaware Bay	\$140,073	\$46,691	\$0	0.00	0.34	0.00
31	<a href="#">2483</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Vocational Rehabilitation Services	\$12,076,795	\$3,268,561	\$0	76.50	0.00	0.00
32	<a href="#">2488</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Supported Employment Services	\$255,000	\$28,333	\$0	0.00	0.00	0.00
33	<a href="#">2079 Amendment</a>	Department of Labor, Employment and Training, Employment and Training Services	Disabled Veterans Outreach Program	\$190,000	\$0	\$0	2.00	0.00	0.00
34	<a href="#">2487</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Independent Living Services	\$259,547	\$29,560	\$0	1.00	0.00	0.00
35	<a href="#">2570</a>	Department of Education	Head Start Collaboration	\$125,000	\$25,000	\$0	0.75	0.00	0.00

**Higher Education**

1	2016-01-02-01	HE/University of Delaware	Developing a Fraction Sense Intervention for Students with or at Risk for Math Difficulties	\$1,712,799	\$0	\$0			
2	2016-01-02-02	HE/University of Delaware	Development of Next-Generation Relativistic Program for All-Order Treatment of Many-Electron Systems	\$301,923	\$0	\$0			

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3	2016-01-02-03	HE/University of Delaware	The BADER Consortium	\$15,075,512	\$0	\$0			
4	2016-01-02-04	HE/University of Delaware	Factors Affecting Interpersonal Synchrony in Children with Autism Spectrum Disorder	\$0	\$0	\$60,800			
5	2016-01-02-05	HE/University of Delaware	Spintronics Based on Topological Insulators	\$410,899	\$0	\$0			
6	2016-01-02-06	HE/University of Delaware	Instructive Materials for Directing Neovascularization and Inflammation	\$253,038	\$0	\$0			
7	2016-01-02-07	HE/University of Delaware	Collaborative Research: New Developments in High-Dimensional Sufficient Dimension Reduction with Applications to RNA-Sequencing and Neuroimaging	\$108,644	\$0	\$0			
8	2016-01-02-08	HE/University of Delaware	Development of Face Expertise & Racial Biases: A Perceptual to Social Hypothesis	\$0	\$0	\$376,674			
9	2016-01-02-09	HE/University of Delaware	An Assessment of Virginia's Historical Canada Goose Harvest, Populations, and Management	\$0	\$0	\$56,738			
10	2016-01-02-10	HE/University of Delaware	Implications for Upper Extremity Function After Corrective Spinal Surgery in Idiopathic Scoliosis	\$117,596	\$0	\$0			
11	2016-01-02-11	HE/University of Delaware	Epigenetic and Neural Correlates of the Transgenerational Transmission of Trauma and PTSD in Rwanda	\$0	\$0	\$92,000			
12	2016-01-02-12	HE/University of Delaware	Organic/Semiconductor Hybrid Solar Cells	\$0	\$0	\$50,305			
13	2016-01-02-13	HE/University of Delaware	DOS FY2016 Study of the U.S. Institutes for Scholars and Secondary Educators	\$255,177	\$0	\$0			
14	2016-01-02-14	HE/University of Delaware	K-Space RF Receiver	\$0	\$0	\$64,183			
15	2016-01-02-15	HE/University of Delaware	Chemistry Bishdroxymethyl Furan	\$0	\$0	\$147,755			
16	2016-01-02-16	HE/University of Delaware	Space Time Structure of Solar Wind Turbulence and Implications for Charged Particle Propagation	\$230,593	\$0	\$0			
17	2016-01-02-17	HE/University of Delaware	Learning Probabilistic Predictive Models for Prediction, Diagnosis, and Severity Scoring of Hypertrophic Cardiomyopathy From Multiple Data Modalities	\$1,418,127	\$0	\$0			

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18	2016-01-02-18	HE/University of Delaware	LEWES/NPS National Register District Survey II FY16	\$0	\$0	\$4,394			
19	2016-01-02-19	HE/University of Delaware	LEWES/NTHP NR District Survey Report FY16	\$0	\$0	\$4,571			
20	2016-01-02-20	HE/University of Delaware	National Register Historic District Milton Phase III	\$0	\$0	\$4,394			
21	2016-01-02-21	HE/University of Delaware	JMA Dennis Farm Architectural Documentation	\$0	\$0	\$15,652			
22	2016-01-02-22	HE/University of Delaware	Acquisition of Goods and Services: Conducting Research on Biological Control of Invasive Insect Pests, Including (but not limited to) Brown Marmorated Stink Bug	\$36,363	\$0	\$0			
23	2016-01-02-23	HE/University of Delaware	CRESP Will Serve as the Evaluation Arm, in Conjunction with Wholesome Wave, for a New Project Where Low-Income SNAP Participants in New York City will Receive Fruit and Vegetable Incentive Vouchers for Use at Farmers Markets	\$0	\$0	\$59,541			
24	2016-01-02-24	HE/University of Delaware	SCH: INT: Collaborative Research: Smart Wearable Systems to Support and Measure Movement in Children With and Without Mobility Impairments	\$320,071	\$0	\$0			
25	2016-01-02-25	HE/University of Delaware	Impact of Botulinum Toxin and Vibration on Muscle Quality and Physical Activity in Children with Cerebral Palsy	\$1,240,150	\$0	\$0			
26	2016-01-02-26	HE/University of Delaware	Biomechanical Properties in a Surgically Induced Disc Degeneration Model and IDCT Treatment	\$0	\$0	\$17,133			
27	2016-01-02-27	HE/University of Delaware	Silicon Photonic Enabled Reconfigurable High-Data Rate Optical WDM Switching Fabric	\$0	\$0	\$61,097			
28	2016-01-02-28	HE/University of Delaware	Determining the Underwater Hearing Abilities and the Efficacy of Sensory Deterrents on Sea ducks	\$88,060	\$0	\$0			
29	2016-01-02-29	HE/University of Delaware	Expansion of the Fear Circuit in the Rat Brain	\$0	\$0	\$225,000			
30	2016-01-02-30	HE/University of Delaware	DOS Bureau of Educational and Cultural Affairs (ECA): FY 2016 Study of the U.S. Institutes for Student Leaders	\$217,387	\$0	\$0			
31	2016-01-02-32	HE/University of Delaware	Providing Research and Data Support for the Wilmington Education Improvement Commission	\$0	\$0	\$4,931			
32	2016-01-02-33	HE/University of Delaware	Semantic Literature Annotation and Integrative Panomics Analysis for PTM-Disease Knowledge Network Discovery	\$900,002	\$0	\$0			

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33	2016-01-02-34	HE/University of Delaware	An Evaluation of Lactobacillus Buchneri 40788 and Experimental Microbial Strains For Improving the Aerobic Stability of Corn Silage	\$0	\$0	\$32,223			
34	2016-01-02-35	HE/University of Delaware	Impact of Gaseous Contamination and High Humidity on the Reliable Operation of Information Technology Equipment in Data Centers	\$0	\$0	\$212,242			
35	2016-01-02-36	HE/University of Delaware	Enhancing Engineering Communication Through Genuine Authentic Mobile Exercises (GAMES)	\$0	\$0	\$25,642			
36	2016-01-02-37	HE/University of Delaware	Systems for Solar Fuels Generation Utilizing PV and Electrolysis-Spring Conference	\$5,000	\$0	\$0			
37	2016-01-02-38	HE/University of Delaware	EDU: Cyber Security and Safety Education with Social Robots	\$202,800	\$0	\$0			
38	2016-01-02-39	HE/University of Delaware	Estate Planning and Farm Succession	\$0	\$0	\$13,311			
39	2016-01-02-40	HE/University of Delaware	New Photonic Materials From Self-Assembled Anisotropic Nanoparticles	\$224,955	\$0	\$0			
40	2016-01-02-41	HE/University of Delaware	Systems for Solar Fuels Generation Utilizing PV and Electrolysis	\$2,500	\$0	\$0			
41	2016-01-02-42	HE/University of Delaware	DOW SPIN IN WEIR	\$0	\$0	\$48,201			
42	2016-01-02-43	HE/University of Delaware	Area Wide Evaluation of Multiple Insecticide Applications to Control Dectes Stem Borer in Soybeans	\$0	\$0	\$3,933			
43	2016-01-02-44	HE/University of Delaware	Evaluating the Response of Full Season and Double Cropped Soybeans to Various Soil Moisture Levels	\$0	\$0	\$16,290			
44	2016-01-02-45	HE/University of Delaware	Effect of Fertigation on Irrigated Full Season and Double Cropped Soybeans	\$0	\$0	\$8,979			
45	2016-01-02-46	HE/University of Delaware	Weed Management for No-Till and Double-Cropped Soybeans for Problem Species and Herbicide-Resistant Biotypes	\$0	\$0	\$17,898			
46	2016-01-02-47	HE/University of Delaware	Analyses of Phosphorous Origin in the Chesapeake Bay: ii) Biologically Unavailable Phosphorus in the Water Exported to the Chesapeake Bay	\$0	\$0	\$41,274			
47	2016-01-02-48	HE/University of Delaware	Entropic Viral Engine	\$61,387	\$0	\$0			

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48	2016-01-02-49	HE/University of Delaware	EDU: Integrating Cybersecurity Education with Cloud Computing Environments	\$202,672	\$0	\$0			
49	2016-01-02-50	HE/University of Delaware	Generation of Optimized SPMD Kernels Using the ROSE Compiler	\$0	\$0	\$49,371			
50	2016-01-02-51	HE/University of Delaware	Integrating Parenting and Financial Counseling	\$0	\$0	\$23,551			
51	2016-01-02-52	HE/University of Delaware	Silicon Photonic Enabled Reconfigurable High-Data Rate Optical WDM Switching Fabrics for Advanced Digital Networking Applications Kiamilev	\$0	\$0	\$54,296			
52	2016-01-02-53	HE/University of Delaware	Sunshot National Laboratory Multi-Year Partnership	\$314,103	\$0	\$0			
53	2016-01-02-54	HE/University of Delaware	Modeling the Coupled Dynamics Between Coastal Eutrophication, Seagrass and Hydrodynamics Under Climate Change and Land-Based Nutrient Loading Scenarios	\$0	\$0	\$108,684			
54	2016-01-02-55	HE/University of Delaware	DOW Agrosiences Soybean Testing	\$0	\$0	\$7,092			
55	2016-01-02-56	HE/University of Delaware	Examination of Femoral and Tissue Blood Flow in Chickens While in the Standing and Seated Postures	\$134,091	\$0	\$0			
56	2016-01-02-57	HE/University of Delaware	Understanding Degradation Mechanism of Energy and Organic Electronic Materials by using 2-Dimensional Correlation Spectroscopy	\$0	\$0	\$89,270			
57	2016-01-02-58	HE/University of Delaware	Mechanisms Contributing to Vascular Dysfunction in Women: Role of Estradiol	\$0	\$0	\$210,000			
58	2016-01-02-59	HE/University of Delaware	NOAA NWS National Mesonet	\$0	\$0	\$151,474			
59	2016-01-02-60	HE/University of Delaware	JHU / ARO Minimal Agent-Based Models and Passive Warning Systems in Evacuating Crowds	\$0	\$0	\$19,871			
60	2016-01-02-61	HE/University of Delaware	Ship Operations	\$254,480	\$0	\$0			
61	2016-01-02-62	HE/University of Delaware	CDS Night Glow Short Wave Infrared LED (NSLED) Image Projector Development Kiamilev	\$0	\$0	\$148,233			
62	2016-01-02-63	HE/University of Delaware	Impact of Pre-Culture and In Vivo Remobilization on Engineered Disc Replacement	\$7,663	\$0	\$0			

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63	2016-01-02-64	HE/University of Delaware	Variety Development and Field Testing of Small Grains in Maryland for Higher Yields, Scab Resistance, Reduced Disease Incidence, Harvest ability, Milling and Baking Quality	\$0	\$0	\$5,416			
64	2016-01-02-65	HE/University of Delaware	Annie E. Casey Kids Count 2016 Barlow	\$0	\$0	\$95,238			
65	2016-01-02-66	HE/University of Delaware	Health and College Life Among Young Adults With/Without Diabetes and Asthma: A Secondary Analysis of NHANES Data	\$0	\$0	\$1,000			
66	2016-01-02-67	HE/University of Delaware	GA Tech/Helmsley Charitable Trust, Vertically-Integrated Projects Program (VIP), NOVOCIN	\$0	\$0	\$148,624			
67	2016-01-02-68	HE/University of Delaware	Resin Infusible Carbon Fiber Unidirectional Broadgoods for Fatigue Dominated Applications	\$0	\$0	\$144,232			
68	2016-01-02-69	HE/University of Delaware	Acquisition of Goods and Services; DNA Sequencing and Bioinformatics Support for the Genetics of Host Specificity In-House Project	\$4,545	\$0	\$0			
69	2016-01-02-70	HE/University of Delaware	Permafrost Modeling in the Dry Andes, Argentina	\$0	\$0	\$24,000			
70	2016-01-02-71	HE/University of Delaware	Original Proposal 15A00582: Transcriptional Analysis of Pollen Development in Haploid Inducer Lines	\$0	\$0	\$49,007			
71	2016-01-02-72	HE/University of Delaware	Sponsorship of 7th North American Duck Symposium	\$0	\$0	\$15,000			
72	2016-01-02-73	HE/University of Delaware	Carbonyls to Cancer Therapeutics	\$74,485	\$0	\$0			
73	2016-01-02-74	HE/University of Delaware	Public Acceptability and Land Value Taxation: An Experimental Economics Investigation	\$0	\$0	\$22,999			
74	2016-01-02-75	HE/University of Delaware	HHS DATI FY2016 Delaware Assistive Technology Initiative	\$376,568	\$0	\$0			
75	2016-01-02-76	HE/University of Delaware	Pushing the Boundaries: Using Advanced Technology to Locate and Rapidly Assess Cultural Sites in Multiple Underwater Environments within NOAA's Thunder Bay National Marine Sanctuary	\$0	\$0	\$46,875			
76	2016-01-02-99	HE/University of Delaware	Collaborative Research: New Directions in Multidimensional and Multivariate Functional Data Analysis	\$97,859	\$0	\$0			
77	2016-01-03-01	HE/University of Delaware	Dynamic Stability in the ACL Injured Knee	\$1,685,460	\$0	\$0			

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78	2016-01-03-02	HE/University of Delaware	Promoting Recovery Optimization with Walking Exercise After Stroke	\$3,996,970	\$0	\$0			
79	2016-01-03-03	HE/University of Delaware	Interdisciplinary Senior Design Bridge Course	\$0	\$0	\$30,000			
80	2016-01-03-04	HE/University of Delaware	Schools That Lead Contract for PD in four participating schools	\$0	\$0	\$54,545			
81	2016-01-03-05	HE/University of Delaware	Cross-Talk Among Genomic Islands: The Role of Recombination Directionality Factors in Island Excision	\$387,254	\$0	\$0			
82	2016-01-03-06	HE/University of Delaware	Random Combinatorial Structures and Related Processes	\$162,697	\$0	\$0			
83	2016-01-03-07	HE/University of Delaware	Applications of Probability Theory to Statistics of Permutations, Sequence Alignment and Convergence of Monte Carlo Methods	\$213,011	\$0	\$0			
84	2016-01-03-08	HE/University of Delaware	Morphogenesis and Mechanical Models of Normal and Crypt orchid Gubernaculum	\$0	\$0	\$74,382			
85	2016-01-03-09	HE/University of Delaware	Changes in Post-Stroke Propulsive Gait Dynamics as a Result of Handrail Use During Treadmill Walking	\$100,000	\$0	\$0			
86	2016-01-03-10	HE/University of Delaware	Tailored Universal Feedstock for Forming (TuFF)	\$12,110,176	\$0	\$0			
87	2016-01-03-11	HE/University of Delaware	Understanding Breast Cancer Dormancy and Reactivation to Prevent Recurrence	\$0	\$0	\$360,002			
88	2016-01-03-12	HE/University of Delaware	The Cognitive and Neural Mechanisms Underlying Visual Context Learning	\$0	\$0	\$114,849			
89	2016-01-03-13	HE/University of Delaware	Linuron and Fomesafen: Nature of Performance on Sweet Potato	\$0	\$0	\$7,000			
90	2016-01-03-14	HE/University of Delaware	Collaborative Research: Consequences and Control of Randomness in Timing of Cellular Events	\$147,152	\$0	\$0			
91	2016-01-03-15	HE/University of Delaware	Collaborative Research: An Interdisciplinary Approach to Modeling Multiple Stakeholder Decision-Making to Reduce Regional Natural Disaster Risk	\$5,160	\$0	\$0			
92	2016-01-03-16	HE/University of Delaware	CIF:SMALL:OFDM Synthetic Aperture Radar	\$296,506	\$0	\$0			

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93	2016-01-03-17	HE/University of Delaware	NOAA Sea Grant Supplemental Application - Merit Funding (M/M-2)	\$32,164	\$0	\$0			
94	2016-01-03-18	HE/University of Delaware	PADE WOW Science Camp 15/16 Partner Organization	\$0	\$0	\$12,000			
95	2016-01-03-19	HE/University of Delaware	Ab Hanson & Mohring MIC for Sodium Nitrate	\$0	\$0	\$2,400			
96	2016-01-03-20	HE/University of Delaware	SHF: SMALL: Enabling and Supporting the Development of Energy-Efficient Software	\$350,718	\$0	\$0			
97	2016-01-03-21	HE/University of Delaware	SHF: SMALL: Collaborative Research: Cloud-Mentor: Guiding Cloud Users for Cost Performance Through Testing and Recommendation	\$175,953	\$0	\$0			
98	2016-01-03-22	HE/University of Delaware	Mineral-Fluid Interactions: Synchrotron Radiation Studies at the Advanced Photon Source	\$0	\$0	\$38,095			
99	2016-01-03-23	HE/University of Delaware	AF:SMALL: Collaborative Research: Linear Algebra Algorithms and Applications Using Invariant Factor Computation	\$132,831	\$0	\$0			
100	2016-01-03-24	HE/University of Delaware	Cross Regulation of Signaling Pathways Activate Small GTPases to Drive Cell Motility	\$191,339	\$0	\$0			
101	2016-01-03-25	HE/University of Delaware	Collaborative Research: Fluorine - Source to Surface in the East African Rift	\$538,805	\$0	\$0			
102	2016-01-03-26	HE/University of Delaware	Achilles Tendon Structure and Calf Function in Ballet Dancers	\$0	\$0	\$15,000			
103	2016-01-03-27	HE/University of Delaware	Formalizing Integrity Based on blur and Electron Response (FIBBER)	\$0	\$0	\$172,702			
104	2016-01-03-28	HE/University of Delaware	Impact of different Formulations of Rumen Protected Methionine and Lysine on Dairy Cow Performance, Milk Composition, and Milk Casein	\$0	\$0	\$33,116			
105	2016-01-03-29	HE/University of Delaware	Determining the Influences of Adhesive and Cytoskeletal Organization on the Distribution of Cell-Generated Traction Forces and Migration	\$0	\$0	\$52,174			
106	2016-01-03-30	HE/University of Delaware	The National Person-Centered Assessment Resource	\$0	\$0	\$51,640			
107	2016-01-03-31	HE/University of Delaware	Repurposing the CRISPR-Cas9 System for Dynamic Control of Cellular Metabolism	\$895,212	\$0	\$0			

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108	2016-01-03-32	HE/University of Delaware	N-Methyl-Bacillithiol: A Gateway into Probing Thiol Metabolite Structure and Function Across a Wide Spectrum of Microbial Diversity	\$471,924	\$0	\$0			
109	2016-01-03-33	HE/University of Delaware	Structural Effects of Protein Phosphorylation and O-GlcNAcylation	\$448,246	\$0	\$0			
110	2016-01-03-34	HE/University of Delaware	Developing High Resolution of Global Soil Moisture Information	\$0	\$0	\$99,972			
111	2016-01-03-35	HE/University of Delaware	Redox-Active Ligands for Catalysis of Small Molecule Reduction	\$369,672	\$0	\$0			
112	2016-01-03-36	HE/University of Delaware	Delaware Geological Survey National Ground-Water Monitoring Network	\$18,952	\$0	\$0			
113	2016-01-03-37	HE/University of Delaware	Biomechanics of Cycling in Cyclists With and Without Knee Pain	\$0	\$0	\$7,172			
114	2016-01-03-38	HE/University of Delaware	Low Power Silicon Photonics	\$0	\$0	\$652,853			
115	2016-01-03-39	HE/University of Delaware	Analysis of the Ribonucleases of Arabidopsis Thaliana	\$598,473	\$0	\$0			
116	2016-01-03-40	HE/University of Delaware	What Controls Selenenic Acids? Understanding the Biochemistry of Selenocysteine	\$319,731	\$0	\$0			
117	2016-01-03-41	HE/University of Delaware	Nonlinear Dispersive Water Waves in Multiscale Interaction Problems	\$126,745	\$0	\$0			
118	2016-01-03-42	HE/University of Delaware	Polycarbonate Prepreg Fabrication with Aqueous Bath Process	\$0	\$0	\$20,000			
119	2016-01-03-43	HE/University of Delaware	Improving Cognitive Outcomes in a Rodent Model of Fetal Alcohol Syndrome	\$0	\$0	\$25,000			
120	2016-01-03-44	HE/University of Delaware	Improving Student Learning: A Partnership between UD and UNIFEI	\$0	\$0	\$66,540			
121	2016-01-03-45	HE/University of Delaware	When Anomalous Becomes the Norm: Reaction and (Sub)diffusion in Heterogeneous Membranes	\$401,778	\$0	\$0			
122	2016-01-03-46	HE/University of Delaware	Collaborative Research: From Genotype to Fluxome to a Comprehensive Kinetic Model of Escherichia Coli	\$700,144	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
123	2016-01-03-47	HE/University of Delaware	Inverse Problems for Wave Equation	\$97,142	\$0	\$0			
124	2016-01-03-48	HE/University of Delaware	Collaborative Research: Arterial Remodeling in Atherosclerosis	\$144,626	\$0	\$0			
125	2016-01-03-49	HE/University of Delaware	TWC: Small: Collaborative: Reputation-Escalation-as-a-Service: Analyses and Defenses	\$135,093	\$0	\$0			
126	2016-01-03-50	HE/University of Delaware	Research GAP Analysis Intrusion Detection Systems (IDS) monitoring Industrial Control Systems (ICS)	\$384,615	\$0	\$0			
127	2016-01-03-51	HE/University of Delaware	Mechanistic Kinetic Model Development for Hydrotreating/Hydrocracking/Isomerization Including Catalyst Deactivation and Catalyst Properties	\$0	\$0	\$258,100			
128	2016-01-03-52	HE/University of Delaware	PADE Christina Cultural Arts Center 15/16 Partner Organization	\$0	\$0	\$10,000			
129	2016-01-03-53	HE/University of Delaware	Collaborative Research: Pathways to a Mammalian Cell Minimalist: Synthetic Reconstruction of Amino Acid Metabolism in Eukaryotic Auxotrophs	\$435,879	\$0	\$0			
130	2016-01-03-54	HE/University of Delaware	NSF CAPLAN MCB	\$1,016,438	\$0	\$0			
131	2016-01-03-55	HE/University of Delaware	CIF: SMALL: Leader Identification with Transfer Entropy	\$331,420	\$0	\$0			
132	2016-01-03-56	HE/University of Delaware	Collaborative Research: Microenvironmental Effects on Stem Cell-Derived Cardiomyocyte Subtype Specification	\$189,918	\$0	\$0			
133	2016-01-03-57	HE/University of Delaware	CIF:Small:Collaborative Research: Analog Joint Source-Channel Coding: From Point-To-Point To Multiterminal Communications	\$179,963	\$0	\$0			
134	2016-01-03-58	HE/University of Delaware	Developmental Effects of Common Psychoactive Drugs on C Elegans Raised on a Xenic Media	\$60,013	\$0	\$0			
135	2016-01-03-59	HE/University of Delaware	Concept Systems SIM State-Led Evaluation by DHSS HSS-15-055	\$0	\$0	\$227,518			
136	2016-01-03-60	HE/University of Delaware	Measurement and Assessment of Climate Change in the Social Sphere	\$0	\$0	\$200,000			
137	2016-01-03-61	HE/University of Delaware	NSF TWC: Small: A Comprehensive and Cost-Effective Defense Against Hardware Trojans in Smart Devices Yang	\$331,633	\$0	\$0			

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							Federal	State	Other
138	2016-01-03-62	HE/University of Delaware	Ionizing Radiation Above Earth	\$31,648	\$0	\$0			
139	2016-01-03-63	HE/University of Delaware	Biophysical Cues in Colon Cancer Progression - A Comprehensive Study using Primary Human Samples	\$0	\$0	\$250,000			
140	2016-01-03-64	HE/University of Delaware	CNH-L: Glyphosate in Soil and Water: Coupling Economics and Natural Science to Better Understand and Manage Human Exposure and Environmental Contamination	\$962,451	\$0	\$0			
141	2016-01-03-65	HE/University of Delaware	CCF:SHF:SMALL: A Unified Memory Model for Embedded and Extreme Parallel Systems	\$328,781	\$0	\$0			
142	2016-01-03-66	HE/University of Delaware	CIF SMALL: Foundational Extremal Problems in Information Theory	\$320,513	\$0	\$0			
143	2016-01-03-67	HE/University of Delaware	Studies of the Relationship Between Reconnection and Turbulence	\$553,467	\$0	\$0			
144	2016-01-03-68	HE/University of Delaware	CIF: Small: Hybrid Analog-Digital Schemes for Joint Source-Channel Coding of Digital Sources	\$272,213	\$0	\$0			
145	2016-01-03-69	HE/University of Delaware	Collaborative Research: Spin Physics 'by design' in Quantum Dot Molecules	\$48,063	\$0	\$0			
146	2016-01-03-70	HE/University of Delaware	NSF TWC: SMALL: Involutorial Mappings Over Finite Fields	\$177,035	\$0	\$0			
147	2016-01-03-71	HE/University of Delaware	SHF:Small:Regularity-Oriented Program Optimization for Bulk Synchronous Parallel Processors	\$232,812	\$0	\$0			
148	2016-01-03-72	HE/University of Delaware	SHF:Small:Exploiting Input-Characteristics Derived Parallelism In Signal Processing Synchronous Parallel Processors	\$232,812	\$0	\$0			
149	2016-01-03-73	HE/University of Delaware	Nanoporous Single-Atom Alloy Catalysts for Energy Applications	\$502,810	\$0	\$0			
150	2016-01-03-74	HE/University of Delaware	Prepreg Fabrication Using an Aqueous Bath Process	\$0	\$0	\$132,800			
151	2016-01-03-75	HE/University of Delaware	Controlled Release Drug Delivery to Prevent Post-Traumatic Osteoarthritis Following Knee Trauma	\$329,877	\$0	\$0			
152	2016-01-03-76	HE/University of Delaware	DARPA HARvesting Knowledge from Emanating Signals (HARKES) Yang	\$3,117,445	\$0	\$0			

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							Federal	State	Other
153	2016-01-03-77	HE/University of Delaware	Integrated SRM-MS Analysis and siRNA Therapy for the Early Detection and Prevention of Heterotopic Ossification	\$0	\$0	\$9,357			
154	2016-01-03-78	HE/University of Delaware	Materials in Extreme Dynamic Environments 2016	\$0	\$0	\$719,088			
155	2016-01-03-79	HE/University of Delaware	Delaware State Parks: Making Climate Change Clear	\$0	\$0	\$26,536			
156	2016-01-03-80	HE/University of Delaware	Joint Project on the Modeling of Heavy Petroleum Molecular Conversion	\$0	\$0	\$102,437			
157	2016-01-03-81	HE/University of Delaware	XU DOE EPSCOR	\$600,000	\$0	\$0			
158	2016-01-03-82	HE/University of Delaware	Understanding Energy Absorption Mechanisms in Multisize Alloy Quantum Dot Thin-film Photovoltaics	\$544,160	\$0	\$0			
159	2016-01-03-83	HE/University of Delaware	Hydroxylation Dependent (Photo)Chemical Reactivity at Metal Oxide Interfaces	\$529,002	\$0	\$0			
160	2016-01-03-84	HE/University of Delaware	Phototoxicity Target Lipid Model of Polycyclic Aromatic Hydrocarbons (PAHs)	\$0	\$0	\$18,660			
161	2016-01-03-85	HE/University of Delaware	The Global Structure of the Heliosphere and Heliosheath: Effects of Turbulence Transport and Pickup Protons	\$277,644	\$0	\$0			
162	2016-01-03-86	HE/University of Delaware	Metagenomic and Metatranscriptomic Analysis of the Tonga Trench Microbiota: A Comparative Study of Microbial Diversity and Metabolic Potential from Surface Waters to Six Feet Below Seafloor	\$0	\$0	\$2,500			
163	2016-01-03-87	HE/University of Delaware	Liquid Phase Catalytic Cleavage of C-C Linkages in Lignin Feedstocks In-situ Surface Specific Spectroscopy and Structure-Activity Relationship	\$514,138	\$0	\$0			
164	2016-01-03-88	HE/University of Delaware	DOE Leveraging SSD and NVM Properties to Accelerate Checkpoint and Recovery in Lengthy Scientific Applications Yang	\$512,023	\$0	\$0			
165	2016-01-03-89	HE/University of Delaware	BC151514 Towards Understanding Breast Cancer Cutaneous Metastases	\$374,443	\$0	\$0			
166	2016-01-03-90	HE/University of Delaware	Electrophoretic Deposition of Nanostructures for Functional Applications	\$0	\$0	\$30,745			
167	2016-01-03-91	HE/University of Delaware	Delaware Sea Grant 2016-2018 Omnibus	\$1,813,635	\$0	\$0			

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				Federal	State	Other	Federal	State	Other
168	2016-01-03-92	HE/University of Delaware	Evaluation of Nitrogen Rate and Fungicide Use on Wheat Yield and Quality	\$0	\$0	\$2,621			
169	2016-01-03-93	HE/University of Delaware	Computational Electromagnetomechanics: A Very Moving Problem	\$179,295	\$0	\$0			
170	2016-01-03-94	HE/University of Delaware	OP: Collaborative Research: Integrated Simulation of Non-Homogeneous Thin-Film Photovoltaic Devices	\$379,213	\$0	\$0			
171	2016-01-03-95	HE/University of Delaware	Evaluation of an Experimental Nematicide (DPX) for Control of Root Knot (Meloidogyne Incognita) and Soybean Cyst Nematode (Heterodera Glycines) in Legume Crops	\$0	\$0	\$28,796			
172	2016-01-03-96	HE/University of Delaware	Targeting Heterogeneous Aggressive Breast Cancers: Using Smart DNA-Polymer Nanocapsules for Personalized Physiological Profiling and Tailored Therapeutics	\$428,575	\$0	\$0			
173	2016-01-03-97	HE/University of Delaware	FY 2016 Study of the U.S. Institute on Women's Leadership	\$205,816	\$0	\$0			
174	2016-01-03-98	HE/University of Delaware	The Role of CD24A In Lens Development	\$0	\$0	\$2,500			
175	2016-01-03-99	HE/University of Delaware	Finite Element Construction for Numerical Relativity	\$94,717	\$0	\$0			
176	2016-01-04-01	HE/University of Delaware	Exploratory Research: Electronic and Vibrational Coherence in Heterogeneous Electron Transfer	\$265,245	\$0	\$0			
177	2016-01-04-02	HE/University of Delaware	2016 Fulbright Visiting Scholar Program for Iraq - Engineering Cohort	\$0	\$0	\$58,000			
178	2016-01-04-03	HE/University of Delaware	BC151235P1 Targeting Heterogeneous Aggressive Breast Cancers: Using Smart DNA-Polymer Nanocapsules for Personalized Physiological Profiling and Tailored Therapeutics	\$170,994	\$0	\$0			
179	2016-01-04-04	HE/University of Delaware	Center for Behavioral and Agri-Environmental Research (CBEAR) -- Training and Outreach: 2-year Visiting Scholar Program	\$134,793	\$0	\$0			
180	2016-01-04-05	HE/University of Delaware	Engineering a Conjunctival Tissue Substitute for Ocular Surface Regeneration	\$1,138,981	\$0	\$0			
181	2016-01-04-06	HE/University of Delaware	Development of a Nanoparticle-Based Theranostic Agent to Treat Inflammatory Breast Cancer (IBC) Metastasis	\$375,000	\$0	\$0			
182	2016-01-04-07	HE/University of Delaware	Measuring the Impact of Healthy Food Marketing Strategies in Low Income Supermarkets to Examine the Ultimate Impact on Unhealthy Food Choices and Overeating	\$0	\$0	\$20,271			

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				Federal	State	Other	Federal	State	Other
183	2016-01-04-08	HE/University of Delaware	Collaborative Research: Deformation-Induced Hydration of Peridotite Mylonites in Nature and Experiments	\$115,784	\$0	\$0			
184	2016-01-04-09	HE/University of Delaware	Resistor Network Model for Quasi-Isotropic Carbon Composites	\$0	\$0	\$32,052			
185	2016-01-04-10	HE/University of Delaware	Nicotine-Mediated YAP Activation in Early Airway Remodeling	\$0	\$0	\$192,308			
186	2016-01-04-11	HE/University of Delaware	Determining the Ideal Irrigation Strategy for High Intensity Corn Production	\$0	\$0	\$27,395			
187	2016-01-04-12	HE/University of Delaware	Managing Sub-Surface Drip Irrigation for Maximum Profitability in Corn	\$0	\$0	\$15,817			
188	2016-01-04-13	HE/University of Delaware	Trends in Soil Test Phosphorus and Sorption Capacity Following Long-Term Application of Poultry Litter and Commercial Fertilizers	\$0	\$0	\$8,800			
189	2016-01-04-14	HE/University of Delaware	Using Silicon Fertilizers to Improve Soil Phosphorus Availability in High Phosphorus Soils	\$0	\$0	\$8,500			
190	2016-01-04-15	HE/University of Delaware	Skeletal Status and Bone Marrow Fat in Children with Cerebral Palsy	\$117,596	\$0	\$0			
191	2016-01-04-16	HE/University of Delaware	Reaching People with Disabilities Through Healthy Communities	\$0	\$0	\$15,233			
192	2016-01-04-17	HE/University of Delaware	Assessing the Impacts of Seed Treatments and Rotation on SCN Populations and Soybean Yield Over Time	\$0	\$0	\$9,311			
193	2016-01-04-18	HE/University of Delaware	Christopher & Dana Reeve Foundation Paralysis Resource Center High Impact Innovation Quality of Life Grants for State Assistive Technology Programs	\$0	\$0	\$75,000			
194	2016-01-04-19	HE/University of Delaware	NRI: Goal-Oriented, subject-Adaptive, robot-assisted Locomotor Learning (GOALL)	\$463,386	\$0	\$0			
195	2016-01-04-20	HE/University of Delaware	Attack-Resilient, Resource-Aware, Consistent State Estimation for Robot Navigation and Mapping	\$343,134	\$0	\$0			
196	2016-01-04-21	HE/University of Delaware	Optimizing Multifunctionality in Van der Waals Heterostructures Under Extreme Conditions	\$299,178	\$0	\$0			
197	2016-01-04-22	HE/University of Delaware	Assessing the Potential of UAV's for Detecting Crop Moisture Stress	\$0	\$0	\$8,479			

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				Federal	State	Other	Federal	State	Other
198	2016-01-04-23	HE/University of Delaware	Evaluating Winter Wheat Response to Irrigation	\$0	\$0	\$13,276			
199	2016-01-04-24	HE/University of Delaware	A Rapid Adhesive Bonding Method for High Quality Composites	\$0	\$0	\$42,949			
200	2016-01-04-25	HE/University of Delaware	Structured Distributions of Energetic Particles in Interplanetary Space	\$103,750	\$0	\$0			
201	2016-01-04-26	HE/University of Delaware	Collaborative Research: Records of Upper Mantle Oxygen Fugacity From Source to Surface	\$106,108	\$0	\$0			
202	2016-01-04-27	HE/University of Delaware	Career: Investigating the Relationship Between Mantle Shear Localization, Melt Flow and Water Content	\$296,746	\$0	\$0			
203	2016-01-04-28	HE/University of Delaware	Collaborative Research: Core Parlo-Implementing Proficiency-Based Education to Teach Common Core Math Standards in Urban High Schools	\$396,776	\$0	\$0			
204	2016-01-04-29	HE/University of Delaware	Radiation Mapping Inside High-Level Nuclear Waste Tanks	\$2,033,685	\$0	\$0			
205	2016-01-04-30	HE/University of Delaware	EPA P3 Physical to Virtual: Optimizing the Apparel Product Development Process to Reduce Solid Waste in Apparel Production. The development and testing of an Interactive Virtual Prototyping Tool	\$9,615	\$0	\$0			
206	2016-01-04-31	HE/University of Delaware	New Castle County Fiscal Year 2016 NR/TBS	\$0	\$0	\$13,728			
207	2016-01-04-32	HE/University of Delaware	Assisting With On-Site Facilitation of DE Quality Working Group Meetings to Review Quality Measures and Develop a Process for Public Reporting of Quality Measures	\$0	\$0	\$3,906			
208	2016-01-02-77	HE/Delaware State University	Building A Genomics Core Facility Featuring Next Generation DNA Sequencing	\$324,363	\$0	\$0			
209	2016-01-02-78	HE/Delaware State University	Health Fund FY16		\$0	\$101,500			
210	2016-01-02-79	HE/Delaware State University	Direct Inverse Problem for Trabecular and Cortical Bones	\$378,639	\$0	\$0			
211	2016-01-02-80	HE/Delaware State University	Development of Sensor System for Sensitive Detection of Methane Carbon Dioxide, & Water Vapor for High Resolution Profile of Greenhouse Gases in the Earth's Atmosphere on UAS Platforms	\$49,945	\$0	\$0			
212	2016-01-02-81	HE/Delaware State University	Mechanisms of Adaptive Modulation of Intrinsic Properties of Motoneurons	\$915,795	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
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213	2016-01-02-82	HE/Delaware State University	Eastern Oyster Consumer Acceptability to the State of Delaware Federal Research and Development Grant Program	\$10,619	\$0	\$0			
214	2016-01-02-83	HE/Delaware State University	Understanding the Role and Regulation of Pcl6 & Pcl7 in Yeast Biology	\$0	\$0	\$100,000			
215	2016-01-02-84	HE/Delaware State University	Lasert Matter Interaction in Plasma for Spectroscopy and New Light Sources	\$0	\$0	\$99,720			
216	2016-01-02-85	HE/Delaware State University	CD44-Medical Cell signaling in breast cancer cells	\$0	\$0	\$100,000			
217	2016-01-02-86	HE/Delaware State University	Therapeutic Artificial extracellular matrices and adaptable nanoparticles for the prevention of peritoneal dissemination of ovarian cancer	\$0	\$0	\$99,713			
218	2016-01-02-87	HE/Delaware State University	Mathematical Methods and Computer Algorithms for Tissue Quantification and Characterization	\$0	\$0	\$100,000			
219	2016-01-02-88	HE/Delaware State University	Small Molecule Interventions for dopaminergic neuron loss in a drosophila model of Parkinson's Disease	\$0	\$0	\$100,000			
220	2016-01-02-89	HE/Delaware State University	A Human-Aware Energy Efficient Security Framework for Memory-Restrained Internet of Everything Devices	\$0	\$0	\$99,997			
221	2016-01-02-90	HE/Delaware State University	Alzheimer's Disease Research Program	\$0	\$0	\$100,000			
222	2016-01-02-91	HE/Delaware State University	Collaborative Research: TWC: SMALL: Secure the Internal and External Operations of Artificial Pancreas: Towards Analog and Digital, Acoustic-cum Radio Approach	\$300,000	\$0	\$0			
223	2016-01-02-92	HE/Delaware State University	Chemical Programming of Dopants in Coper Chalcogenide Nanostructure	\$491,107	\$0	\$0			
224	2016-01-02-93	HE/Delaware State University	Stimulating Scientific Curiosity and Creativity in STEM Research	\$8,700	\$0	\$0			
225	2016-01-02-94	HE/Delaware State University	Agricultural IPM Education Working Group	\$0	\$0	\$20,000			
226	2016-01-02-95	HE/Delaware State University	Separating Emission Spectrum of Target from Ambient in Laser Induced Breakdown Spectroscopy	\$20,843	\$0	\$0			
227	2016-01-02-96	HE/Delaware Technical and Community College	DEMEP NIST Grant	\$500,000	\$0	\$0			

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							Federal	State	Other
<b>New Business</b>									
		None							
<b>Continued</b>									
1	<a href="#">2576</a>	Judicial, Administrative Office of the Courts - Non-Judicial Services, Child Death Review Commission	Parent Education Abusive Head Trauma Program	\$30,000	\$6,000	\$0	0.00	0.06	0.00
2	<a href="#">2583</a>	Legal, Office of the Attorney General	Victims Compensation Assistance	\$776,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2574</a>	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
4	<a href="#">2575</a>	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	\$344,333	\$0	\$0	0.00	0.00	0.00
5	<a href="#">2578</a>	Department of Health and Social Services, Public Health, Community Health	Tobacco Control and Prevention	\$684,184	\$0	\$0	5.00	0.00	0.00
6	<a href="#">2579</a>	Department of Health and Social Services, Public Health, Community Health	Title X Family Planning Services	\$1,102,000	\$645,657	\$0	4.25	5.50	0.00
7	<a href="#">2581</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program	\$278,930	\$19,403	\$5,000	0.00	0.20	0.00
8	<a href="#">2601</a>	Department of Health and Social Services, Administration, Office of the Secretary	State Innovation Model Testing	\$11,531,082	\$0	\$0	0.00	0.00	0.00
9	<a href="#">2009-08-18-05 Amendment 4</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Acquisition of Lands of Delaware Technical Community College Fund	\$2,153,793	\$855,963	\$1,000	0.00	0.00	0.00
10	<a href="#">2557</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Atlantic Flyway Canada Goose Cooperative Research and Survey Program	\$14,560	\$4,853	\$0	0.00	0.00	0.00
11	<a href="#">2571</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware 309 Project of Special Merit	\$164,123	\$0	\$0	0.58	0.00	0.00
12	<a href="#">2015-12-14-01</a>	Sussex Academy	Furniture, Fixtures and Equipment for New Middle School Classrooms	\$50,000	\$0	\$130,000	0.00	0.00	0.00
<b>Higher Education</b>									
1	2016-02-06-01	HE/University of Delaware	UD-ALCON Investigation of Transport of Various Drugs in the Eye	\$0	\$0	\$175,212			
2	2016-02-06-02	HE/University of Delaware	Hydrogeology Support Lab (Core D)	\$0	\$0	\$21,017			
3	2016-02-06-03	HE/University of Delaware	Delaware Geological Survey National Ground-Water Monitoring Network Groundwater Level and Quality Data, Delaware	\$20,978	\$0	\$0			

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4	2016-02-06-04	HE/University of Delaware	JHU / ARO Minimal Agent-Based Models and Passive Warning Systems in Evacuating Crowds	\$0	\$0	\$37,871			
5	2016-02-06-05	HE/University of Delaware	Ship Support	\$124,674	\$0	\$0			
6	2016-02-06-06	HE/University of Delaware	Synthesis of Glucose-Oxime Conjugates for GLUT-Facilitated Transport of Reactivators Across the Blood Brain Barrier (Log No. 13232004)	\$19,270	\$0	\$0			
7	2016-02-06-07	HE/University of Delaware	Can Clinical Measures Predict Real-World Walking Performance in Adults with Transfemoral Amputations?	\$0	\$0	\$22,727			
8	2016-02-06-08	HE/University of Delaware	PDCE/DASL will support the NASSP in implementation of a grant from the Wallace foundation to coordinate PPLCs in national convenings in March and October 016.	\$0	\$0	\$13,043			
9	2016-02-06-09	HE/University of Delaware	Mitochondrial Oxidative Stress and Cardiovascular Health in Chronic Kidney Disease	\$0	\$0	\$102,550			
10	2016-02-06-10	HE/University of Delaware	MRI: Acquisition of a Field Emission Environmental Scanning Electron Microscope (FE-ESEM)	\$507,179	\$0	\$0			
11	2016-02-06-11	HE/University of Delaware	MRI: Development of a System For Low Temperature Optical Measurement of 3D Magnon, Plasmon and Spin Torque Transfer Dynamics	\$526,143	\$0	\$0			
12	2016-02-06-12	HE/University of Delaware	Closing The Gap Between Record Small-Area CIGS Devices and Modules KF Post-Deposition Treatments in CIGS Solar Cell Manufacturing Using IN-SITU PL	\$0	\$0	\$192,308			
13	2016-02-06-13	HE/University of Delaware	Longitudinal Effects of Sleep on the American Heart Association's "Simple 7" and Cardiovascular Disease Outcomes	\$0	\$0	\$139,936			
14	2016-02-06-14	HE/University of Delaware	AHA PREDOC Fellowship RAMICK 16	\$0	\$0	\$51,900			
15	2016-02-06-15	HE/University of Delaware	DMREF: Collaborative Research: SOFTCOLL: Multiscale Design of Multi-Functional Responsive SOFT COLLOidal Systems With Hierarchical Structure	\$343,431	\$0	\$0			
16	2016-02-06-16	HE/University of Delaware	Collaborative Research: Thermodynamic and Field Studies of Layered Fe(II)-Hydroxide Precipitation in Riparian Soils	\$183,406	\$0	\$0			
17	2016-02-06-17	HE/University of Delaware	University of Delaware: I/UCRC for the Advanced Mammalian Biomanufacturing Innovation Center (AMBIC)	\$494,226	\$0	\$0			
18	2016-02-06-18	HE/University of Delaware	NSF ERP Signatures of Attachment Height Variations in English and Spanish -- Hestvik & Ramirez	\$7,400	\$0	\$0			

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							Federal	State	Other
19	2016-02-06-19	HE/University of Delaware	Imagination In and By Organizations	\$0	\$0	\$5,000			
20	2016-02-06-20	HE/University of Delaware	Immune and Metabolic Kinome Analysis of Chicken and Bovine to Study Mechanism of Action of Feed Enzymes and Disease	\$0	\$0	\$212,765			
21	2016-02-06-21	HE/University of Delaware	Health Investments and Long-Term Education Outcomes	\$0	\$0	\$21,902			
22	2016-02-06-22	HE/University of Delaware	Neural Correlates and Predictors of Intervention-Specific Motor Learning Via Combination of Haptics and Neuroimaging	\$0	\$0	\$209,889			
23	2016-02-06-23	HE/University of Delaware	Development, Validation and Implementation of an Impact Behavior Model for Ceramic Matrix Composites in LS-Dyna	\$0	\$0	\$1,132,918			
24	2016-02-06-24	HE/University of Delaware	Effects of Sleep Expansion on Cardiovascular Disease Risk Factors in Insufficient Sleep	\$0	\$0	\$9,302			
25	2016-02-06-25	HE/University of Delaware	Intra-Articular Delivery of Liposomal-Encapsulated Zoledronic Acid: A Bi-Functional Platform for the Prevention of Post-Traumatic Osteoarthritis	\$0	\$0	\$99,999			
26	2016-02-06-26	HE/University of Delaware	Enhancing Capacity to Manage Marine Areas Beyond National Jurisdiction on an Ecosystem Basis Supplement	\$0	\$0	\$30,683			
27	2016-02-06-27	HE/University of Delaware	Comprehensive Assessment of the Distribution, Abundance, Timing and Habitat Affiliations of Migratory Birds During Spring and Fall on the U.S. Coast of the Gulf of Mexico	\$0	\$0	\$61,634			
28	2016-02-06-28	HE/University of Delaware	Practicing Safety Mindfulness Project for Mothers in Drug Treatment	\$0	\$0	\$16,000			
29	2016-02-06-29	HE/University of Delaware	Mitochondria Derived Oxidative Stress and Exercise Capacity in Chronic Kidney Disease	\$0	\$0	\$10,000			
30	2016-02-06-30	HE/University of Delaware	Invariants of Incidence Matrices, Difference Sets and Association Schemes	\$0	\$0	\$30,000			
31	2016-02-06-31	HE/University of Delaware	Georgia Tech Service Agreement LI 16	\$0	\$0	\$2,168			
32	2016-02-06-32	HE/University of Delaware	NEH Preservation and Access Education and Training Proposal: Winterthur/University of Delaware	\$175,000	\$0	\$0			
33	2016-02-06-33	HE/University of Delaware	NSF MRI: Acquisition of Large-Genome Scale Long-Read DNA Sequencing Technology at the University of Delaware	\$493,916	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
34	2016-02-06-34	HE/University of Delaware	DMREF: Collaborative Research: Theory-Informed Design and Synthesis of Small-Domain Spacing Block Copolymers: Optimizing Macromolecular Architecture for Nanotemplating Applications	\$344,027	\$0	\$0			
35	2016-02-06-35	HE/University of Delaware	DMREF: Collaborative Research: Van der Waals Heterostructures For Next-Generation Spintronics	\$772,921	\$0	\$0			
36	2016-02-06-36	HE/University of Delaware	Shipboard Scientific Support Equipment CY16	\$253,200	\$0	\$0			
37	2016-02-06-37	HE/University of Delaware	XPS:FULL:Collaborative Research: Beyond HPC: Self-Aware Extreme Parallelism and Scalability	\$392,952	\$0	\$0			
38	2016-02-06-38	HE/University of Delaware	Parkinson's Disease Telehealth Clinic	\$0	\$0	\$32,000			
39	2016-02-06-39	HE/University of Delaware	Best Practices, Research Strategies, and Historic Trends in Dissemination and Implementation of Evidence-Based Psychological Interventions for Youth: A Systematic Review	\$0	\$0	\$50,000			
40	2016-02-06-40	HE/University of Delaware	Novel Multi-scale/Multi-physics Integrated Tool for the Prediction of Manufacturing-Induced Defects in Autoclave Composite Airframe Parts	\$0	\$0	\$197,934			
41	2016-02-06-41	HE/University of Delaware	DMREF: Collaborative Research: Interface-promoted Assembly and Disassembly Processes for Rapid Manufacture and Transport of Complex Hybrid Nanomaterials	\$478,984	\$0	\$0			
42	2016-02-06-42	HE/University of Delaware	Overcoming Metastatic TNBC with Wnt Inhibitory Nanoparticles	\$0	\$0	\$250,000			
43	2016-02-06-43	HE/University of Delaware	2016 American Councils DOS ECA National Security Language Initiative for Youth-Short Term Summer Programs in China	\$0	\$0	\$248,226			
44	2016-02-06-44	HE/University of Delaware	Downscaling Framework For Remotely Sensed Soil Moisture Based on Terrain Parameters	\$341,359	\$0	\$0			
45	2016-02-06-45	HE/University of Delaware	DMREF: Collaborative Research: Computationally Guided Design of Advanced Electrochemical Devices	\$314,735	\$0	\$0			
46	2016-02-06-46	HE/University of Delaware	Air Force Military Camp 2016	\$0	\$0	\$60,225			
47	2016-02-06-47	HE/University of Delaware	Biogeochemical Fate and Stability of Fe-Ca-Organic Matter Complexes	\$442,017	\$0	\$0			
48	2016-02-06-48	HE/University of Delaware	College Ready Writers Program	\$0	\$0	\$18,182			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
49	2016-02-06-49	HE/University of Delaware	Creating Workforce Ready Students That Develop Transferable, Interactive Software Designed to Encourage Free-Choice Learning at National Estuarine Research Reserves	\$0	\$0	\$19,472			
50	2016-02-06-50	HE/University of Delaware	Navigating Cancer Differential Networks for Tumor-Specific Therapy	\$0	\$0	\$500,000			
51	2016-02-06-51	HE/University of Delaware	Attribute-Enabled Authentication for Things	\$0	\$0	\$49,233			
52	2016-02-06-52	HE/University of Delaware	DMREF: Collaborative Research: Bulk and Heterointerface Electronic Defect Structure in Wide-Bandgap Polycrystalline Thin-Film Semiconductors	\$441,465	\$0	\$0			
53	2016-02-06-53	HE/University of Delaware	Market Participation, Testing, and Evaluation of Aggregated Grid-Integrated Vehicles	\$0	\$0	\$231,615			
54	2016-02-06-54	HE/University of Delaware	Delaware Community Health Education and Service Learning Initiative (DCHEI)	\$0	\$0	\$227,142			
55	2016-02-06-55	HE/University of Delaware	Shear Thickening Fluid Enhanced Textiles for Durable, Puncture- and Cut-Resistant Environmental Protection Garments	\$0	\$0	\$29,297			
56	2016-02-06-56	HE/University of Delaware	Wilmington Flower Market	\$0	\$0	\$10,000			
57	2016-02-06-57	HE/University of Delaware	Coteaching Huddles: An Instructional Approach to Support Candidates' Development of Adaptive Teaching Expertise During Student Teaching	\$0	\$0	\$46,913			
58	2016-02-06-58	HE/University of Delaware	Design and Fabrication of Highly Linear Electro-optic Modulators	\$0	\$0	\$124,088			
59	2016-02-06-59	HE/University of Delaware	Real-time Intrusion Detection Using Distributed Data Mining and Machine Learning Techniques for HPC Cyber-Security	\$0	\$0	\$49,171			
60	2016-02-06-60	HE/University of Delaware	Towards Energy Safety for Cyber-Physical Systems	\$0	\$0	\$49,191			
61	2016-02-06-61	HE/University of Delaware	Cybersecurity State Information Exchange	\$0	\$0	\$49,159			
62	2016-02-06-62	HE/University of Delaware	UMd/MITRE FFRDC Building Trustworthy Cyber Physical Systems with Untrusted Devices YANG	\$0	\$0	\$49,520			
63	2016-02-06-63	HE/University of Delaware	An Online Transactions Model to Achieve Security: Comparable to In-Person Cash Transactions	\$0	\$0	\$49,158			

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				Federal	State	Other	Federal	State	Other
64	2016-02-06-64	HE/University of Delaware	NRT-IGE: Cultivating an Underutilized National Resource in Graduation Education: Partnering with National Laboratories	\$0	\$0	\$20,385			
65	2016-02-06-65	HE/University of Delaware	Understanding Catalytic C-O and C-C Bond Activation in Lignin Depolymerization.	\$391,503	\$0	\$0			
66	2016-02-06-66	HE/University of Delaware	Simons Collaboration Grant 2016	\$0	\$0	\$30,000			
67	2016-02-06-67	HE/University of Delaware	Expanding Collaborative Efforts on Planar Functions and Projective Planes	\$0	\$0	\$30,000			
68	2016-02-06-68	HE/University of Delaware	Teacher Leaders	\$0	\$0	\$5,000			
69	2016-02-06-69	HE/University of Delaware	Center of Biomedical Research Excellence in Cardiovascular Health	\$7,500,000	\$0	\$0			
70	2016-02-06-70	HE/University of Delaware	Water Resource Center FY 2016	\$92,335	\$0	\$0			
71	2016-02-06-71	HE/University of Delaware	Examining the Capacity of P. Capcisi to Spread Through Soybean	\$0	\$0	\$5,000			
72	2016-02-06-72	HE/University of Delaware	Magnetic Resonance Elastography and Diffusion Tensor Imaging of the Brain	\$0	\$0	\$14,768			
73	2016-02-06-73	HE/University of Delaware	Genomics of Subsurface Archaea From the Costa Rica Margin	\$0	\$0	\$51,282			
74	2016-02-06-74	HE/University of Delaware	PFI:BIC: Building a Smart System to Support Healthy Dietary Choices in Communities by Leveraging Cloud, Mobile and Big Data Analytics Technologies	\$653,959	\$0	\$0			
75	2016-02-06-75	HE/University of Delaware	Probing the Electrode-Ionic Liquid Interface During Electrochemical Reduction of Carbon Dioxide	\$393,246	\$0	\$0			
76	2016-02-06-76	HE/University of Delaware	Algebraic Constructions of Dense Graphs With Forbidden Cycle Lengths	\$0	\$0	\$18,000			
77	2016-02-06-77	HE/University of Delaware	Matrix Positivity Preservers	\$0	\$0	\$30,000			
78	2016-02-06-78	HE/University of Delaware	Therapeutic Intervention and Prefrontal Cortex Plasticity in FASD Animal Model	\$1,552,875	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
79	2016-02-06-79	HE/University of Delaware	Adapting Attachment and Biobehavioral Catch-up for Birth Parents Involved in the Child Welfare System	\$0	\$0	\$100,340			
80	2016-02-06-80	HE/University of Delaware	RII Track-2 FEC: Improving Efficiency of Clean Energy-Food-Water Nexus in Plant Nutrient Cycle	\$0	\$0	\$941,721			
81	2016-02-06-81	HE/University of Delaware	Johns Hopkins University Applied Physics Lab/ Department of Homeland Security Compressive Colored Raman Imaging (CCRI) for Optical Standoff Explosive Detection Arce	\$0	\$0	\$64,103			
82	2016-02-06-82	HE/University of Delaware	Tracking Particles as the Potential Start of the Deep Biosphere	\$0	\$0	\$66,000			
83	2016-02-06-83	HE/University of Delaware	Ocean Melting of Petermann Glacier, Greenland from Operation IceBridge and a Subglacial Ocean Observatory	\$29,982	\$0	\$0			
84	2016-02-06-84	HE/University of Delaware	The Colored Conventions Project	\$0	\$0	\$150,000			
85	2016-02-06-85	HE/University of Delaware	Identifying Writing-Ability Profiles Using Automated Essay Evaluation Software	\$0	\$0	\$49,987			
86	2016-02-06-86	HE/University of Delaware	American Chemical Society Project Seed 2016	\$0	\$0	\$3,750			
87	2016-02-06-87	HE/University of Delaware	Reflex for Pumpkins: Does it Have a Fit?	\$0	\$0	\$3,000			
88	2016-02-06-88	HE/University of Delaware	Understanding Implementation Feasibility of Recommendations for Minimum Stocking Standards and Marketing Strategies for Small Retail Food Stores	\$0	\$0	\$62,837			
89	2016-02-06-89	HE/University of Delaware	ONR Additive Manufacturing of Multifunctional Composites Mirotznik	\$697,032	\$0	\$0			
90	2016-02-06-90	HE/University of Delaware	Effects of Systematic Extension of Sleep Duration on Cardiometabolic Health Risk Factors	\$0	\$0	\$53,695			
91	2016-02-06-91	HE/University of Delaware	Marianne Moore Digital Archive: Poetry and Reading Notebooks with Advanced Search Interface Digital Extension Grant with University of Buffalo	\$0	\$0	\$24,300			
92	2016-02-06-92	HE/University of Delaware	Simons Ghandehari	\$0	\$0	\$30,000			
93	2016-02-06-93	HE/University of Delaware	Sponsorship of 7th North American Duck Symposium	\$7,500	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
94	2016-02-06-94	HE/University of Delaware	Occurrence of Commercially Important and Endangered Fishes in Delaware and New Jersey Wind Energy Areas Using Acoustic Telemetry	\$465,570	\$0	\$0			
95	2016-02-06-95	HE/University of Delaware	Synergized Transformational Solar Chemical Looping and Photo-Ultrasonic Renewable Biomass Refinery for Sustainable Fuels, Foods and Water Resources	\$0	\$0	\$659,978			
96	2016-02-06-96	HE/University of Delaware	Cell-Based Therapy in Rag2-KO Minipig Model of Radiation-Induced Xerostomia	\$0	\$0	\$831,509			
97	2016-02-06-97	HE/University of Delaware	C-DEBI/NSF Request for Education and Outreach	\$0	\$0	\$34,966			
98	2016-02-06-98	HE/University of Delaware	Selenoproteins in the ER-Associated Protein Degradation Pathway	\$900,000	\$0	\$0			
99	2016-02-06-99	HE/University of Delaware	Developing and Piloting a Mindfulness-Based Parenting Program for Families in an Early Learning Setting: A Community-Based Approach	\$0	\$0	\$15,000			
100	2016-02-07-01	HE/University of Delaware	Promoting Physical Activity After Knee Replacement; A Fitbit and Behavioral Counseling Intervention During Physical Therapy (FITBIT + PT)	\$0	\$0	\$199,998			
101	2016-02-07-02	HE/University of Delaware	Biogas to n-Butanol via Fermentable Sugars: Co-utilization of CO2 and CH4	\$0	\$0	\$31,731			
102	2016-02-07-03	HE/University of Delaware	Silicon Photonic Global Interconnect for High Performance Computing Solutions	\$0	\$0	\$28,846			
103	2016-02-07-04	HE/University of Delaware	Computer Human Cooperative Biocuration of The Scientific Literature	\$0	\$0	\$425,000			
104	2016-02-07-05	HE/University of Delaware	RII Track-2 FEF: Using Electric Vehicles to Balance Fluctuations in Offshore Wind Generation: A Realistic Experiment and an Implementation Model for the US East Coast	\$0	\$0	\$1,192,891			
105	2016-02-07-06	HE/Delaware State University	MRI: Acquisition of a Dynamic Light Scattering Goniometer for Particle Size and Zeta Potential Analysis of Biomolecules and Nanoparticles	\$143,695	\$0	\$0			
106	2016-02-07-07	HE/Delaware State University	1890 Facilities Grant Program	\$700,653	\$0	\$0			
107	2016-02-07-08	HE/Delaware State University	MRI: Development of High-Resolution, Sensing System for Detection of Ammonia, Methane and Carbon-Dioxide for Environmental and Biological Application	\$368,422	\$0	\$0			
108	2016-02-07-09	HE/Delaware State University	E- Interventions As A Means of Service Delivery-- Text Messaging	\$0	\$0	\$7,628,255			

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<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Funding</i>			<i>Positions</i>		
				<i>Federal</i>	<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>
109	2016-02-07-10	HE/Delaware State University	DMREF: Collaborative Research: Design, Sunthesis and Characterization of Tuned Hydrogen Storage Materials Collaboration	\$514,749	\$0	\$0			
110	2016-02-07-11	HE/Delaware State University	Center of Optical Sciences and Imaging for Biomedical Applications	\$8,768,756	\$0	\$0			
111	2016-02-07-12	HE/Delaware State University	Landlords and Neighborhoods: Perspectives on Community Change and Gentrification	\$34,475	\$0	\$0			
112	2016-02-07-13	HE/Delaware State University	Broadening Participation Research: Campus vs. External Cultrual Impacts on Persistence Within STE	\$311,800	\$0	\$0			
113	2016-02-07-14	HE/Delaware State University	Wesley College, Bridging the Professional Development Gap	\$15,004	\$0	\$0			
114	2016-02-07-15	HE/Delaware State University	MRI: Acquisition of Seahorse to Measure Mitochondrial Metabolism at an HBCU	\$285,790	\$0	\$0			
115	2016-02-07-16	HE/Delaware State University	The Functional Properties of Duck Eggs	\$4,964	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
<b>New Business</b>									
1	<a href="#">2599</a>	Department of Health and Social Services, Public Health, Community Health	Maternal, Infant and Early Childhood Home Visiting Formula Grant	\$3,665,161	\$2,469,639	\$0	3.00	0.00	0.00
2	<a href="#">2617</a>	Department of Labor, Employment and Training, Employment and Training Services	TechHire Partnership Grant	\$3,999,988	\$0	\$0	1.20	0.00	0.00
3	<a href="#">2016-03-03-01</a>	Department of Education	New Skills for Youth	\$0	\$0	\$100,000	0.00	0.00	0.00
<b>Continued</b>									
4	<a href="#">2588</a>	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$56,744	\$18,915	\$0	0.00	0.03	0.00
5	<a href="#">2595</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	State Health Insurance Assistance Program	\$200,984	\$0	\$0	2.00	0.00	0.00
6	<a href="#">2591</a>	Legal, Office of Attorney General	High Intensity Drug Trafficking Areas Program	\$75,000	\$0	\$0	0.00	0.00	0.00
7	<a href="#">2587</a>	Department of Health and Social Services, Public Health, Community Health	Medical Monitoring Project	\$311,482	\$0	\$0	1.40	0.00	0.00
8	<a href="#">2598</a>	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
9	<a href="#">2535</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Avian Influenza Surveillance	\$10,000	\$0	\$0	0.02	0.00	0.00
10	<a href="#">2580</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Amphibian and Reptile Monitoring and Conservation	\$40,962	\$22,056	\$0	0.08	0.09	0.00
11	<a href="#">2582</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Beach and Island Nesting Bird Monitoring Protection	\$26,666	\$14,358	\$0	0.00	0.08	0.00
12	<a href="#">2586</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Administrative Support for the Delaware Land Acquisition Program	\$67,272	\$22,424	\$0	0.65	0.08	0.00
13	<a href="#">2592</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Particulate Matter 2.5 - Air Quality Monitoring	\$933,054	\$0	\$0	1.50	0.00	0.00
14	<a href="#">2594</a>	Department of Agriculture, Animal Health	Umbrella National Surveillance	\$215,590	\$0	\$0	0.00	0.00	0.00
15	<a href="#">2596</a>	Department of Agriculture, Animal Health	Animal Disease Traceability	\$6,000	\$0	\$0	0.00	0.00	0.00
<b>Higher Education</b>									
1	2016-03-05-01	HE/University of Delaware	RII Track-2 FEC: Neural Networks Underlying the Integration of Knowledge and Perception	\$5,028,755	\$0	\$0			
2	2016-03-05-02	HE/University of Delaware	SNM: Scalable and Green Biomufacturing of Genetically Engineered Nano-vesicles for Biosensor Applications	\$0	\$0	\$331,390			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	Funding State	Other	Federal	State	Other
3	2016-03-05-03	HE/University of Delaware	Fulbright Gateway Orientation for Fulbright Foreign Students	\$0	\$0	\$47,722			
4	2016-03-05-04	HE/University of Delaware	Functional Deficit of the Lower Leg After an Achilles Tendon Rupture	\$692,370	\$0	\$0			
5	2016-03-05-05	HE/University of Delaware	Effect of Vibration on Muscle Properties, Physical Activity and Balance in Children With Cerebral Palsy	\$1,732,478	\$0	\$0			
6	2016-03-05-06	HE/University of Delaware	Multifunctional siRNA/Antibody Nanocarriers to Treat Metastatic Triple-Negative Breast Cancer	\$1,249,995	\$0	\$0			
7	2016-03-05-07	HE/University of Delaware	2016-2017 SEED Invitational Leadership Institute	\$0	\$0	\$13,636			
8	2016-03-05-08	HE/University of Delaware	Emergency Response and Foam Depopulation Training and Testing for 3-D contractors	\$51,796	\$0	\$0			
9	2016-03-05-09	HE/University of Delaware	Impacts of Climate Change on Sharks, the Ocean's Apex Predators	\$0	\$0	\$43,830			
10	2016-03-05-10	HE/University of Delaware	Southern Ocean Water Column Stratification as an Amplifier of the Mid Pleistocene Transition	\$261,849	\$0	\$0			
11	2016-03-05-11	HE/University of Delaware	FES Training For Lasting Walking Improvements for Young Individuals with CP	\$2,402,201	\$0	\$0			
12	2016-03-05-12	HE/University of Delaware	Literature-based Portal for miRNA and Transcription Factor Knowledge Analysis in Health and Disease	\$1,063,169	\$0	\$0			
13	2016-03-05-13	HE/University of Delaware	Exploration, Conservation, and Development of Marine Biodiversity in Fiji and the Solomon Islands	\$0	\$0	\$259,256			
14	2016-03-05-14	HE/University of Delaware	An Investigation into the Effects of Forest Fragment Size, Shape, and Structure on Rainfall Redistribution and Solute Flux Within a City and Along an Urban-to-Rural Gradient	\$0	\$0	\$11,801			
15	2016-03-05-15	HE/University of Delaware	Integrated Meso to Macro-Scale Computational Framework with Mechanistic Shear Characterization for Modeling Textiles	\$205,102	\$0	\$0			
16	2016-03-05-16	HE/University of Delaware	Role of Microenvironment in Directing Stem Cell-Derived Cardiomyocyte Specification	\$0	\$0	\$136,955			
17	2016-03-05-17	HE/University of Delaware	Department of Health and Human Services, Health Resources and Services Administration, Leadership Education in Neurodevelopmental and Other Related Disabilities	\$2,349,633	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
18	2016-03-05-18	HE/University of Delaware	Age-Dependent Osteoarthritis: Role of IGF-1 Suppression of TRPV4 Channels	\$1,250,000	\$0	\$0			
19	2016-03-05-19	HE/University of Delaware	NDI Tool for Heat Damage Detection in Composites	\$0	\$0	\$28,820			
20	2016-03-05-20	HE/University of Delaware	Accelerated Adhesive Cure for Nutplate Repair	\$0	\$0	\$9,616			
21	2016-03-05-21	HE/University of Delaware	NRT: Convergence at the Interface of Climate and Energy (CICE)	\$2,438,461	\$0	\$0			
22	2016-03-05-22	HE/University of Delaware	Aquatic Chemical Camouflage: Mechanisms, Functional Roles and the Effects of Habitat Degradation	\$444,466	\$0	\$0			
23	2016-03-05-23	HE/University of Delaware	Women's Health and Disability: Building a Clinically Relevant Outcome Measure	\$0	\$0	\$165,700			
24	2016-03-05-24	HE/University of Delaware	Investigating the Structure of Paramagnetic Aggregates from Colloidal Ellipsoids - 3	\$96,154	\$0	\$0			
25	2016-03-05-25	HE/University of Delaware	Modeling and Experimental Analysis of Event Timing in Single Cells	\$0	\$0	\$134,277			
26	2016-03-05-26	HE/University of Delaware	The Effects of Chemotherapy Based Cognitive Deficits on Risk Assessment and Decision Making	\$0	\$0	\$553,584			
27	2016-03-05-27	HE/University of Delaware	Collaborative Research: NRT-IGE: Local-to-Polar Connections	\$133,928	\$0	\$0			
28	2016-03-05-28	HE/University of Delaware	SNM: Integrated Design, Production, and Process Control of Wear-Resistant and Self-Cleaning Nanostructured Coatings: Processing, Scalability, and Morphology Control	\$994,084	\$0	\$0			
29	2016-03-05-29	HE/University of Delaware	Collaborative Research: Scalable Manufacture of Aligned Self-Assembled Soft Nanostructures for Biomimetic Responsive Actuators	\$143,062	\$0	\$0			
30	2016-03-05-30	HE/University of Delaware	Efficient On-Aircraft Composite Repair Process Requiring Minimal Support Equipment	\$0	\$0	\$28,030			
31	2016-03-05-31	HE/University of Delaware	SURVICE/AF Turbulent Fluid Density Reconstruction via Compressive Tomographic Background Oriented Schlieren Measurement Arce	\$0	\$0	\$28,915			
32	2016-03-05-32	HE/University of Delaware	Interpre-professional Training in Empathy & the Health Professions	\$0	\$0	\$28,757			

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Item	SA#	Applicant	Project Title	Funding			Positions		
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33	2016-03-05-33	HE/University of Delaware	The International Association of Laboratory Schools - Mindful Teaching and Learning in Early Childhood Classrooms: Curriculum Development, Refinement and Collaborative Staff Development	\$0	\$0	\$2,000			
34	2016-03-05-34	HE/University of Delaware	How cartilage works: unifying interstitial lubrication and hydrodynamics to explain joint function	\$284,120	\$0	\$0			
35	2016-03-05-35	HE/University of Delaware	Collaborative Research: Developing a profiling glider pH sensor for high resolution coastal ocean acidification monitoring	\$175,002	\$0	\$0			
36	2016-03-05-36	HE/University of Delaware	Collaborative Research: NRT-INFEWS: Entrepreneurial Graduate Research and Education at Clean Energy-Food-Water Nexus	\$994,003	\$0	\$0			
37	2016-03-05-37	HE/University of Delaware	In-Field Repair Procedure for Fiber-Reinforced Composite Structures	\$0	\$0	\$28,847			
38	2016-03-05-38	HE/University of Delaware	Meniscus Damage and Failure: The Mechanical Role of Fascicle Structure and Tears	\$274,998	\$0	\$0			
39	2016-03-05-39	HE/University of Delaware	Electroacupuncture for the Treatment of Chronic Ankle Instability	\$0	\$0	\$18,182			
40	2016-03-05-40	HE/University of Delaware	Intel VEC: Small: Collaborative Research: Joint Compressive Spectral Imaging and 3D Ranging Sensing using a commodity Time-Of-Flight Range Sensor Arce	\$0	\$0	\$25,000			
41	2016-03-05-41	HE/University of Delaware	Collaborative Research: Response of Bio-Stabilized Coastal Dunes to Extreme Surge and Wave Hazards: From Granular-Scale Mechanics to Design-Scale Engineering	\$361,028	\$0	\$0			
42	2016-03-05-42	HE/University of Delaware	The Structure of the Air-Flow Above Surface Waves	\$144,973	\$0	\$0			
43	2016-03-05-43	HE/University of Delaware	Evolution of Small Scale Seafloor Topography and Sediment Transport under Energetic Waves: From Ripples to Sheet Flow	\$390,268	\$0	\$0			
44	2016-03-05-44	HE/University of Delaware	Collaborative Research: Combined Experimental/Numerical Investigation of Spray Generation, Transport, and Momentum Flux Modification	\$351,794	\$0	\$0			
45	2016-03-05-45	HE/University of Delaware	Collaborative Research: Observational and Modeling Investigations of the Wintertime Dynamics of East Coast Submarine Canyons	\$23,341	\$0	\$0			
46	2016-03-05-46	HE/University of Delaware	Collaborative Research: Optimization of Electrode Materials under Uncertainty to Control Self-Discharge of Electric Double Layer Capacitors	\$237,641	\$0	\$0			
47	2016-03-05-47	HE/University of Delaware	2016 NIST Summer Undergraduate Research Fellowship Program; (SURF Gaithersburg/Boulder)	\$36,000	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
48	2016-03-05-48	HE/University of Delaware	Unresolved Post-Concussion Balance Deficits and Subsequent Musculoskeletal Injury	\$0	\$0	\$50,000			
49	2016-03-05-49	HE/University of Delaware	Attachment and Biobehavioral Catch-up with Child Protective Services-Involved Parents: Testing Effectiveness in Community Context and Optimizing to Individual Needs	\$1,921,888	\$0	\$0			
50	2016-03-05-50	HE/University of Delaware	Mechanical Properties as a Biomarker for Tendon Health in Basketball Players	\$0	\$0	\$217,210			
51	2016-03-05-51	HE/University of Delaware	Upper Ocean Turbulence in Non-Equilibrium Conditions	\$242,301	\$0	\$0			
52	2016-03-05-52	HE/University of Delaware	Doctoral Dissertation Research: Re-Wilding the Body in the Anthropocene: Lessons from the Microbiome and the Paleo Diet	\$12,057	\$0	\$0			
53	2016-03-05-53	HE/University of Delaware	Collaborative Research: A Novel Methodology for Non-Destructive Evaluation of Concrete Members using Self-Sensing Reinforcing Bars	\$129,104	\$0	\$0			
54	2016-03-05-54	HE/University of Delaware	Probabilistic Modeling to Account for Variability in Liquid Composite Molding Processes	\$217,523	\$0	\$0			
55	2016-03-05-55	HE/University of Delaware	Multifunctional Collagen Mimetic Materials to Enhance Bone Repair	\$150,000	\$0	\$0			
56	2016-03-05-56	HE/University of Delaware	MIDAS: Malware Identification and Detection using Analytics for SCADA	\$2,737,642	\$0	\$0			
57	2016-03-05-57	HE/University of Delaware	Determination of Activation of Aluminum Sulfate on Ammonia Control for Broiler Litter under Winter Conditions	\$0	\$0	\$45,659			
58	2016-03-05-58	HE/University of Delaware	Lessons Learned from Lymphatic Endothelial Cells: Treating Cardiovascular Endothelial Cells to Prevent Extravasation and Halt Metastasis	\$0	\$0	\$274,064			
59	2016-03-05-59	HE/University of Delaware	NJHC Mauricetown National Register Historic District Nomination	\$0	\$0	\$10,407			
60	2016-03-05-60	HE/University of Delaware	Understanding the Implications of Hierarchy and Multicomponent Nanostructured Materials on Macroscopic Toughness in Solids	\$220,892	\$0	\$0			
61	2016-03-05-61	HE/University of Delaware	Assessing the Role of Predation on Coral Reef Connectivity: Detangling Competition, Habitat Quality and Food Availability in Recruit Survival	\$493,618	\$0	\$0			
62	2016-03-05-62	HE/University of Delaware	Application of Lattice Boltzmann Method in Enhanced Simulation of Tsunamis and Hydro-acoustic Waves	\$127,420	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
63	2016-03-05-63	HE/University of Delaware	Collaborative Research: Stability, Flexibility, and Functionality of Thermally Tolerant Coral Symbioses	\$553,568	\$0	\$0			
64	2016-03-05-64	HE/University of Delaware	Collaborative Research: Towards Resilient and Smart Vehicle-Renewables-Grid Integration: A Game Theoretic Framework	\$158,155	\$0	\$0			
65	2016-03-05-65	HE/University of Delaware	Certification Modeling for Composites with Voids and Wrinkles for Engines and Structures	\$0	\$0	\$28,847			
66	2016-03-05-66	HE/University of Delaware	Transforming Graduate Education in the Humanities at the University of Delaware Through Interdisciplinary and Inter-Institutional Partnerships in African American Material Culture and Public Humanities Training	\$350,000	\$0	\$0			
67	2016-03-05-67	HE/University of Delaware	Collaborative Research: Mandibular Cartilage - A Fibro-Hyaline Hybrid for Shock Absorption and Lubrication	\$160,735	\$0	\$0			
68	2016-03-05-68	HE/University of Delaware	Collaborative Research: The Impact of Time-Varying Winds on the Fate of Riverine Outflows on the Continental Shelf	\$195,871	\$0	\$0			
69	2016-03-05-69	HE/University of Delaware	Stochastic Resonance Enhanced Sensation to Improve Balance and Function in CP	\$282,776	\$0	\$0			
70	2016-03-05-70	HE/University of Delaware	Properties of Structural Composite Materials Using Novel Carbon Fibers	\$0	\$0	\$30,023			
71	2016-03-05-71	HE/University of Delaware	High-Strain Capable, High-Strength Composites	\$0	\$0	\$20,048			
72	2016-03-05-72	HE/University of Delaware	Harrington Value Institute Community Partnership Fund Social Determinants and Unmet Social and Health Needs of Older Delawareans	\$0	\$0	\$299,946			
73	2016-03-05-73	HE/University of Delaware	Methodology for Producing Low Cost, Repeatable Washout Tooling with Improved Properties for use with High Temperature Composite Fabrication	\$0	\$0	\$30,770			
74	2016-03-05-74	HE/University of Delaware	Spintronic Microwave Spectrum Analyzer	\$0	\$0	\$40,314			
75	2016-03-05-75	HE/University of Delaware	Cuba: Food Sovereignty	\$0	\$0	\$1,493			
76	2016-03-05-76	HE/University of Delaware	Impact of Diet Composition in Infancy on Energy Balance, Satiety, and Growth	\$0	\$0	\$588,623			
77	2016-03-05-77	HE/University of Delaware	Development and Validation of New Measures of Sexual Functioning in Individuals with SCI and TBI	\$430,893	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
78	2016-03-05-78	HE/University of Delaware	Autonomous Micro Climate Sensor Swarm	\$0	\$0	\$23,550			
79	2016-03-05-79	HE/University of Delaware	Aberrant DNA Methylation and Parenting Behavior Associated With Caregiver Maltreatment	\$1,175,000	\$0	\$0			
80	2016-03-05-80	HE/University of Delaware	Exoskeletal Garments to Improve Function for Children With Movement Impairments	\$1,250,000	\$0	\$0			
81	2016-03-05-81	HE/University of Delaware	Dynamic Stability in the ACL Injured Knee Snyder-Mackler	\$323,141	\$0	\$0			
82	2016-03-05-82	HE/University of Delaware	Characterizing the Resistance of Diverse Lima Bean Lines to Agronomically Important Diseases in the Mid-Atlantic Region of the United States	\$12,595	\$0	\$0			
83	2016-03-05-83	HE/University of Delaware	DHHS ACL NIDILRR -State Developmental Disability Director and Leadership Institutes	\$506,751	\$0	\$0			
84	2016-03-05-84	HE/University of Delaware	Impact of Pregnancy on Neuroimmune Function and Postpartum Behaviors	\$0	\$0	\$70,000			
85	2016-03-05-85	HE/University of Delaware	Paving the Path to Brown in Delaware: Groundbreaking Landmarks of School Desegregation	\$140,199	\$0	\$0			
86	2016-03-05-86	HE/University of Delaware	Fall-Recovery Training for Individuals with Chronic Stroke	\$0	\$0	\$5,000			
87	2016-03-05-87	HE/University of Delaware	Development and Validation of a Cognition Endpoint for Traumatic Brain Injury Clinical Trials	\$0	\$0	\$21,017			
88	2016-03-05-88	HE/University of Delaware	Patient Response to Medication Administered for Pain in the Immediate Hospitalization Following Lower Extremity Trauma	\$0	\$0	\$5,996			
89	2016-03-05-89	HE/University of Delaware	Fitbit + PT Intervention to Increase Physical Activity After Total Knee Replacement: A Pilot Study	\$400,000	\$0	\$0			
90	2016-03-05-90	HE/University of Delaware	Evaluating the Effects of a Chemical Additive on Fermentation Characteristics and Aerobic Stability of Alfalfa and Corn Silage	\$0	\$0	\$21,050			
91	2016-03-05-91	HE/University of Delaware	SimUTrach	\$0	\$0	\$83,333			
92	2016-03-05-92	HE/University of Delaware	Tasting for two: Strategies to Enhance Liking and Intake of Fruit	\$0	\$0	\$404,381			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
93	2016-03-05-93	HE/University of Delaware	Highly Resilient, Hydrophilic Bioelastomers for Engineering Vocal Fold Tissue	\$348,745	\$0	\$0			
94	2016-03-05-94	HE/University of Delaware	Pea Variety Demonstration	\$0	\$0	\$2,200			
95	2016-03-05-95	HE/University of Delaware	Functional Assembly of Salivary Cells to Relieve Xerostomia	\$0	\$0	\$828,459			
96	2016-03-05-96	HE/University of Delaware	Development of Accelerated Aging Testing Methodology to Determine Shelf Life for New High Performance Fibers	\$424,262	\$0	\$0			
97	2016-03-05-97	HE/University of Delaware	Functional Assembly of Salivary Cells to Relieve Xerostomia	\$793,647	\$0	\$0			
98	2016-03-05-98	HE/University of Delaware	Stereospecific Cross Couplings to Deliver Quaternary Stereocenters in High Enantiopurity	\$0	\$0	\$47,619			
99	2016-03-05-99	HE/University of Delaware	CBEAR Seed Grant Program	\$381,082	\$0	\$0			
100	2016-03-06-01	HE/University of Delaware	Lessons Learned from Lymphatic Endothelial Cells: Treating Cardiovascular Endothelial Cells to Prevent Extravasation and Halt Metastasis	\$0	\$0	\$274,064			
101	2016-03-06-02	HE/University of Delaware	Lumilant/ARO Wavelength Specific Dielectric Obscurants using Electromagnetically Engineered Nanoparticles Mirotznik	\$0	\$0	\$243,496			
102	2016-03-06-03	HE/University of Delaware	UCDAVIS/NIH Stromule Caplan	\$0	\$0	\$936,201			
103	2016-03-06-04	HE/University of Delaware	Delivering Polyandry to the Beekeeping Industry: From Proof-of-Concept to Train-the-Trainer	\$667,388	\$0	\$0			
104	2016-03-06-05	HE/University of Delaware	Evaluation of the Delaware Plan to Reduce Unintended Pregnancy	\$0	\$0	\$1,405,266			
105	2016-03-06-06	HE/University of Delaware	Kemin Industries, Inc. will Supply Certain Kemin Proprietary Materials to University of Delaware to Perform the Research project Described as Evaluating the Impact of USA Lysine on Performance of Lactating Dairy Cows	\$0	\$0	\$38,770			
106	2016-03-06-07	HE/University of Delaware	Proposal: Wideband Imaging Receiver System Upgrades	\$201,663	\$0	\$0			
107	2016-03-06-08	HE/University of Delaware	A Low-Cost Automated and Noninvasive Tool for the Assessment of Cognition in Infants and Toddlers	\$0	\$0	\$44,872			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
108	2016-03-06-09	HE/University of Delaware	Molecular Tools for in Situ Modulation of Cell Microenvironments to Unravel Cancer Recurrence	\$0	\$0	\$47,619			
109	2016-03-06-10	HE/University of Delaware	Kemin Industries, Inc. will Supply Certain Kemin Proprietary Materials to University of Delaware to Perform the Research Project Described as Evaluating the Availability of Rumen-Protected Amino Acid Products	\$0	\$0	\$46,000			
110	2016-03-06-11	HE/University of Delaware	Grant to Provide Support for Two Undergraduate Summer Researchers to Work Full-time on Independent Research Projects Focusing on the Equine Microbiome	\$0	\$0	\$10,000			
111	2016-03-06-12	HE/University of Delaware	Development of Integrated Pest Management Systems for Organic Melons and Cucumbers	\$0	\$0	\$91,979			
112	2016-03-06-13	HE/University of Delaware	Analytical Tools to Better Classify and Characterize Plant Small RNAs	\$45,661	\$0	\$0			
113	2016-03-06-14	HE/University of Delaware	Biomolecular Interaction Technologies Fiscal Year 2016	\$0	\$0	\$89,000			
114	2016-03-06-15	HE/University of Delaware	Confined Multifunctional Nanocatalysts by Design: Synergy of Supported Catalytic Nanoparticles	\$0	\$0	\$110,000			
115	2016-03-06-16	HE/University of Delaware	Western States Leadership Institute on Developmental Disabilities	\$0	\$0	\$104,348			
116	2016-03-06-17	HE/University of Delaware	The Selective Conversion of Carbon Dioxide to Hydrocarbons and the Oxidation of Pharmaceuticals in Water Using Photoelectrochemical (PEC) Process	\$0	\$0	\$133,354			
117	2016-03-06-18	HE/Delaware State University	Delaware English and Language Learner Educator Professional Development Project	\$2,637,139	\$0	\$0			
118	2016-03-06-19	HE/Delaware State University	Acquisition of Goods and Services	\$4,000	\$0	\$0			
119	2016-03-06-20	HE/Delaware State University	Sumoylation on alpha-synuclein can be a protective target for dopaminergic neurons against oxidative stress	\$438,000	\$0	\$0			
120	2016-03-06-21	HE/Delaware State University	Mindfulness-Based Relapse Prevention (MBRO): Brain and Behavioral Mechanisms of change	\$759,748	\$0	\$0			
121	2016-03-06-22	HE/Delaware State University	RII Track-2 FEC- Understanding Submergence, Salinity, and Arsenic Stress in Salt Marsh grass (water), Switchgrass (bioenergy), and Rice (food) using an integrated Epigenomics and transcriptomics approach	\$5,969,094	\$0	\$0			
122	2016-03-06-23	HE/Delaware State University	Numerical Solution of SDEs with discontinuous source term	\$18,500	\$0	\$0			

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<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Funding</i>			<i>Positions</i>		
				<i>Federal</i>	<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>
123	2016-03-06-24	HE/Delaware State University	Modulation of dopaminergic neurotransmission by pre-synaptic D2 auto-receptors	\$437,992	\$0	\$0			
124	2016-03-06-25	HE/Delaware State University	Development of Medical image quantification techniques	\$95,722	\$0	\$0			
125	2016-03-06-26	HE/Delaware State University	Heiarchal simulation of breast tissue	\$411,565	\$0	\$0			
126	2016-03-06-27	HE/Delaware State University	Bat monitoring in Cusuco National Park, Honduras: Filling in the gaps with Acoustics	\$3,594	\$0	\$0			
127	2016-03-06-28	HE/Delaware State University	Targeting podoplanin to inhibit oral cancer cell motility and progression	\$39,347	\$0	\$0			
128	2016-03-06-29	HE/Delaware State University	Sumoylation on alpha-synuclein can be a therapeutic target for Parkinson's disease	\$100,000	\$0	\$0			
129	2016-03-06-30	HE/Delaware State University	Symone Johnson Knauss Fellowship	\$56,500	\$0	\$0			
130	2014-07-02-14 Amendment	HE/Delaware State University	Consortium for Advanced Chemometrics and In-situ Analysis Using Laser Ablation Multi-Collector Inductively Couple Mass Spectroscopy (LA-MC-ICMS) Laser Induced Breakdown Spectroscopy (LIBS)	\$40,002	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
<b>New Business</b>									
1	<a href="#">2612</a>	Department of Health and Social Services, Public Health, Community Health	Delaware Prescription Drug Abuse Prevention	\$1,219,351	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
2	<a href="#">2615</a>	Executive, Criminal Justice, Criminal Justice Council	Services - Training - Officers - Prosecutors, Violence Against Women Formula Grant	\$904,496	\$180,892	\$26,928	0.55	0.30	0.00
3	<a href="#">2605</a>	Department of State, Human Relations/Commission for Women	Fair Housing Assistance Program	\$99,500	\$0	\$0	1.00	0.00	0.00
4	<a href="#">2343</a>	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families - Contingency	\$3,597,271	\$3,597,271	\$0	0.00	0.00	0.00
5	<a href="#">2346</a>	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer for Children	\$293,013	\$0	\$0	0.00	0.00	0.00
6	<a href="#">2614</a>	Department of Health and Social Services, Public Health, Community Health	Personal Responsibility Education Program	\$500,000	\$0	\$0	0.00	0.00	0.00
7	<a href="#">2016-02-05-01</a>	Department of Health and Social Services, Administration, Office of the Secretary	Stand By Me Financial Empowerment Program	\$0	\$0	\$325,515	0.00	0.00	0.00
8	<a href="#">2016-02-22-01</a>	Department of Health and Social Services, Administration, Office of the Secretary	Statewide Health Care Innovation Plan	\$0	\$0	\$500,000	0.00	0.00	0.00
9	<a href="#">2603</a>	Department of Services for Children, Youth and Their Families, Preventative and Behavioral Health Services, Managed Care Organization	System of Care Expansion	\$1,000,000	\$1,001,500	\$0	0.00	15.97	0.00
10	<a href="#">2013-07-22-03 Amendment 3</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Division of Energy and Climate	Weatherization Assistance Program	\$572,294	\$0	\$0	0.00	0.00	0.00
11	<a href="#">2606</a>	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	\$749,228	\$179,045	\$0	5.20	1.30	0.00
12	<a href="#">2607</a>	Department of Safety and Homeland Security, State Police, Traffic	New Entrant Safety Audit Program	\$196,044	\$0	\$0	1.00	0.00	0.00
13	<a href="#">2613</a>	Department of Agriculture, Plant Industries	Farm Bill - Honey Bee Survey	\$12,120	\$0	\$0	0.00	0.00	0.00
<b>Higher Education</b>									
1	2016-04-02-01	HE/University of Delaware	CDS/ARL Real-Time Camera-Independent Image Processing System For Long-Range Tactical Imaging Applications; Kiamilev	\$0	\$0	\$225,792			
2	2016-04-02-02	HE/University of Delaware	Analysis and Reporting of Data Associated with the US Fish and Wildlife Service Saltmarsh Integrity Monitoring Protocol	\$0	\$0	\$12,911			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
3	2016-04-02-03	HE/University of Delaware	Visualizations and Syntheses of Changing Ocean Carbonate Chemistry on the Eastern U.S. Continental Shelves: Data Synthesis of OAP-Funded Cruises	\$0	\$0	\$85,260			
4	2016-04-02-04	HE/University of Delaware	NRI: Agile Locomotion in Hazardous Environments: Robot Design, Estimation, and Control	\$1,153,830	\$0	\$0			
5	2016-04-02-05	HE/University of Delaware	Appetite Regulation and Food Intake: Novel Mechanisms Linking Marital Distress to Cardiovascular Risk	\$1,508,284	\$0	\$0			
6	2016-04-02-06	HE/University of Delaware	Marek's Disease Virus Pathogenesis Study	\$0	\$0	\$7,902			
7	2016-04-02-07	HE/University of Delaware	Ultra cool Dwarfs: Clouds, Planets, and Exoplanets - Campaigns 11, 12, 13	\$32,051	\$0	\$0			
8	2016-04-02-08	HE/University of Delaware	Bridge Superstructure Tolerance to Total and Differential Foundation Movements	\$0	\$0	\$31,280			
9	2016-04-02-09	HE/University of Delaware	Development of the Mid Atlantic Estuarine and Coastal Ocean Acidification Network, Maecan	\$0	\$0	\$8,166			
10	2016-04-02-10	HE/University of Delaware	Investigating Coral Bleaching in a Changing Climate: Our State of Understanding and Mapping Opportunities to Push the Field Forward	\$78,034	\$0	\$0			
11	2016-04-02-11	HE/University of Delaware	Production of Renewable Acrylic Acid via Catalytic Dehydration of Lactic Acid: Mechanistic Studies and Catalysts Design	\$12,000	\$0	\$0			
12	2016-04-02-12	HE/University of Delaware	ISS: Kinetics of Nanoparticle Self-Assembly in Directing Fields	\$200,344	\$0	\$0			
13	2016-04-02-13	HE/University of Delaware	NRI: Goal-Oriented, Subject-Adaptive, Robot-Assisted Locomotor Learning (GOALL)	\$470,863	\$0	\$0			
14	2016-04-02-14	HE/University of Delaware	Chip Design/Air Force HDILED Service Agreement Phase 2, \$20k Increment, Kiamilev	\$0	\$0	\$20,000			
15	2016-04-02-15	HE/University of Delaware	CRISP Type 2: Interdependencies in Community Resilience (ICoR): A Simulation Framework	\$0	\$0	\$265,392			
16	2016-04-02-16	HE/University of Delaware	University Centers for Excellence in Developmental Disabilities	\$506,481	\$0	\$0			
17	2016-04-02-17	HE/University of Delaware	Advanced Alloying and Surface Treatments for CIGS Thin Film PV	\$0	\$0	\$64,102			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
18	2016-04-02-18	HE/University of Delaware	National Institute of Justice: Measuring Teen Dating Violence: A Randomized Trial to Compare Survey Instruments	\$301,010	\$0	\$0			
19	2016-04-02-19	HE/University of Delaware	Oceanographic Technical Services	\$58,543	\$0	\$0			
20	2016-04-02-20	HE/University of Delaware	2015 4-H Healthy Living Grant Supported by Con Agra Foundation	\$0	\$0	\$5,000			
21	2016-04-02-21	HE/University of Delaware	Closing the Silica Loop: Crop Residues to Improve Rice Yield and Quality	\$0	\$0	\$276,350			
22	2016-04-02-22	HE/University of Delaware	Hydrologic Influences on Blue Carbon Fluxes in Coastal Wetlands: Feedbacks between Physical and Biogeochemical Processes toward Predictive Understanding	\$461,229	\$0	\$0			
23	2016-04-02-23	HE/University of Delaware	Drug Delivery Using Injectable Hydrogels: Low Molecular Weight Heparin for Extended Thromboprophylaxis	\$0	\$0	\$68,000			
24	2016-04-02-24	HE/University of Delaware	Executive Coaching for three (3) department managers to Toyota/Lexus Financial Services CSCE	\$0	\$0	\$11,791			
25	2016-04-02-25	HE/University of Delaware	Iowa Army Two Color SLEDS Array Engineering Change Proposal Kiamilev	\$0	\$0	\$52,831			
26	2016-04-02-26	HE/University of Delaware	Mechanisms of Object Recognition in the Developing Rat	\$275,000	\$0	\$0			
27	2016-04-02-27	HE/University of Delaware	Spherical Nucleic Acids to Enhance Chemosensitivity of Glioblastoma Multiform	\$0	\$0	\$525,655			
28	2016-04-02-28	HE/University of Delaware	Alluvial Suspended Sediment Routing as a Filter of Source Area Tectonic and Climatic Signals: 3-D Stratigraphic Analysis and Modeling	\$0	\$0	\$110,000			
29	2016-04-02-29	HE/University of Delaware	RWJF Systems for Action: Implementing a Culture of Health among Delaware's Probation Population	\$0	\$0	\$223,860			
30	2016-04-02-30	HE/University of Delaware	NSF SUSCHEM REU 2016 VLACHOS	\$6,000	\$0	\$0			
31	2016-04-02-31	HE/University of Delaware	Collaborative Research: MSA-FRA: Alternative Ecological Futures for the American Residential Macrosystem	\$221,429	\$0	\$0			
32	2016-04-02-32	HE/University of Delaware	Collaborative Research: Dimensions: Where the Wild Things Grow: Investigating the Activity of Deeply Branching Archaea in Marine Sediments	\$535,281	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
33	2016-04-02-33	HE/University of Delaware	Comprehensive Analysis of the Response to Real-Time Feedback Driven Gait Modification in Individuals Post-Stroke	\$100,002	\$0	\$0			
34	2016-04-02-34	HE/University of Delaware	ANITA-V: A Suborbital Observatory for Ultra-high Energy Particle Astrophysics [University of Delaware] Co-I	\$357,583	\$0	\$0			
35	2016-04-02-35	HE/University of Delaware	Dimensions: Collaborative Research: The Genome Replication Module as a Framework for Understanding the Phylogenetic, Functional, and Genetic Diversity of Viruses in the Ocean	\$965,755	\$0	\$0			
36	2016-04-02-36	HE/University of Delaware	Blueprint Communities Delaware Partnership	\$0	\$0	\$117,391			
37	2016-04-02-37	HE/University of Delaware	Farmers Market Healthy Recipe Demonstration Project 2016	\$0	\$0	\$8,636			
38	2016-04-02-38	HE/University of Delaware	Health Effects and Geochemistry of Arsenic and Manganese, Hydrogeology Support Laboratory (Core D)	\$0	\$0	\$57,693			
39	2016-04-02-39	HE/University of Delaware	Collaborative Proposal: Exploiting Synthetic GPCRs and Mating Factors as Extracellular Sensors for Substrate-Dependent Assembly of Complex Cellulosomes	\$12,000	\$0	\$0			
40	2016-04-02-40	HE/University of Delaware	Collaborative Proposal: DNA Guided Assembly of Enzyme Cascades for Bio catalytic Fuel Cell Applications	\$6,000	\$0	\$0			
41	2016-04-02-41	HE/University of Delaware	Carbon Cycles in Natural and Synthetic Peat Bogs: A Systems Biology GY Balance for Methane and Carbon Dioxide	\$212,299	\$0	\$0			
42	2016-04-02-42	HE/University of Delaware	Establishing a Phage and New Omics Capacity for the Mitigation of AMR	\$0	\$0	\$113,050			
43	2016-04-02-43	HE/University of Delaware	A Program to Promote Funded Research in Observational Space Plasma Physics	\$569,515	\$0	\$0			
44	2016-04-02-44	HE/University of Delaware	Supervision in Academic Advising	\$0	\$0	\$3,260			
45	2016-04-02-45	HE/University of Delaware	INFEWS/T1: Sustainability Challenges to Food, Energy, and Water (FEW) Systems in Delmarva: Complex and Coupled Interactions of Climate, Abiotic, Biotic, Policy, and Social Factors	\$2,287,295	\$0	\$0			
46	2016-04-02-46	HE/University of Delaware	Wheat Production: Evaluation of Palisade and Alternative Fungicide Timings for Intensive Wheat Production	\$0	\$0	\$1,944			
47	2016-04-02-47	HE/University of Delaware	Wheat Disease Management: Examining the Utility and Economic Returns of Different Fungicide Application Programs to Manage Foliar Diseases of Wheat	\$0	\$0	\$5,088			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
48	2016-04-02-48	HE/University of Delaware	INFEWS/T1: A State-level Model of the Impact of Irrigation on Maize Production, Water, and Life-Cycle Energy Use under Climate Change Scenarios 2020-2100	\$778,285	\$0	\$0			
49	2016-04-02-49	HE/University of Delaware	CS10K: Leveraging Partner4CS to Build Sustainable Capacity for Teacher Preparation and Support	\$692,973	\$0	\$0			
50	2016-04-02-50	HE/University of Delaware	Optimizing the Production of Algae Biofuel Intermediate by Integrating Bioreactor Engineering with Molecular Biology	\$0	\$0	\$500,473			
51	2016-04-02-51	HE/University of Delaware	Sweet Corn Varieties	\$0	\$0	\$300			
52	2016-04-02-52	HE/University of Delaware	Watermelon Varieties	\$0	\$0	\$1,500			
53	2016-04-02-53	HE/University of Delaware	Young Health Program (YHP: IM40®)	\$0	\$0	\$26,087			
54	2016-04-02-54	HE/University of Delaware	Crystallographically Anisotropic and Highly Pure MnBi Alloys for Permanent Magnets	\$0	\$0	\$128,204			
55	2016-04-02-55	HE/University of Delaware	Nemours Data Coordinating and Network Operations Center for the Idea States Pediatric Clinical Trials Network	\$334,015	\$0	\$0			
56	2016-04-02-56	HE/University of Delaware	Undergraduate Research and Education Exploring One Health: Protecting our Food Supply, Animal Health, and the Environment	\$300,402	\$0	\$0			
57	2016-04-02-57	HE/University of Delaware	Annual Renewal of the Beneficial Insect Lab 15 Continuation of ENTO352178 F/A limited to 10.0%	\$4,545	\$0	\$0			
58	2016-04-02-58	HE/University of Delaware	A Framework for Carbon Monitoring and Upscaling in Forests Across Mexico to Support Implementation of REDD+: Phase II	\$876,352	\$0	\$0			
59	2016-04-02-59	HE/University of Delaware	Future Faculty Workshop: Grooming Diverse Leaders for the Future	\$178,868	\$0	\$0			
60	2016-04-02-60	HE/University of Delaware	High-Resolution, Multi-Excitation Magnetic Resonance Elastography of the Human Brain	\$28,824	\$0	\$0			
61	2016-04-02-61	HE/University of Delaware	FlowID: An Advanced Particle Imaging and Identification System to Improve the Health and Safety of Protein Therapeutics	\$0	\$0	\$92,236			
62	2016-04-02-62	HE/University of Delaware	Impacts of Irrigation and Wind Turbines on Land-Atmosphere Interactions and Coupled Prediction	\$12,500	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
63	2016-04-02-63	HE/University of Delaware	Stereotype-based contagion in Problem Based Learning Contexts and STEM Identification	\$12,942	\$0	\$0			
64	2016-04-02-64	HE/University of Delaware	Novel Bio-Chars Production from Northeastern Forestry Feedstocks and Their Land Application to Enhance Environmental Sustainability of Agricultural Production Systems	\$0	\$0	\$45,412			
65	2016-04-02-65	HE/University of Delaware	Megan Christian DE Sea Grant Knauss Fellowship 2017	\$56,500	\$0	\$0			
66	2016-04-02-66	HE/University of Delaware	Sandra Petrakis DE Sea Grant Knauss Fellowship 2017	\$56,500	\$0	\$0			
67	2016-04-02-67	HE/University of Delaware	Jefferson Flood DE Sea Grant Knauss Fellowship 2017	\$56,500	\$0	\$0			
68	2016-04-02-68	HE/University of Delaware	Lauren Knapp DE Sea Grant Knauss Fellowship 2017	\$56,500	\$0	\$0			
69	2016-04-02-69	HE/University of Delaware	Richard Rowland DE Sea Grant Knauss Fellowship 2017	\$56,500	\$0	\$0			
70	2016-04-02-70	HE/University of Delaware	A New Concept for Joining Carbon Fiber Polymer Composite With Steel/Aluminum	\$0	\$0	\$480,668			
71	2016-04-02-71	HE/University of Delaware	Developing Practical I/O-Aware Job Schedulers and Runtime Guarantees in Flux	\$0	\$0	\$109,792			
72	2016-04-02-72	HE/University of Delaware	Increasing Coastal Resiliency By Using High Density, Rapid Response Data As Inputs To Coastal Morphodynamical Models	\$0	\$0	\$40,000			
73	2016-04-02-73	HE/University of Delaware	Katrina Tomecek DE Sea Grant Knauss Fellowship 2017	\$56,500	\$0	\$0			
74	2016-04-02-74	HE/University of Delaware	NASA National Space Grant College and Fellowship Program Training Grant Augmentation	\$472,269	\$0	\$0			
75	2016-04-02-75	HE/University of Delaware	Rutgers/NSF Science of Learning: Collaborative Networks	\$0	\$0	\$151,998			
76	2016-04-02-76	HE/University of Delaware	Assessing Accuracy of Tracer Dilution Measurements of Methane Emissions from Landfills with Wind Modeling - Extension	\$0	\$0	\$31,472			
77	2016-04-02-77	HE/University of Delaware	FoodAPS Research Initiative: Understanding SNAP, Food Security, and Geographic Factors in Food Purchase and Acquisition Decisions	\$0	\$0	\$50,000			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
78	2016-04-02-78	HE/University of Delaware	EFRI Newlaw: Materials and Devices for Nonreciprocal Optics and Acousto-Optics Using Bilaterally Asymmetric Excitation of Guided Waves	\$0	\$0	\$156,518			
79	2016-04-02-79	HE/University of Delaware	Scapular Kinematics in Adolescents with Idiopathic Scoliosis	\$0	\$0	\$119,608			
80	2016-04-02-80	HE/University of Delaware	Echo PRO Core	\$0	\$0	\$592,916			
81	2016-04-02-81	HE/University of Delaware	Research Proposal: The Independent Effects of Load, Speed, and Temperature on the Tribological Performance of Polymeric Tribomaterials	\$0	\$0	\$36,682			
82	2016-04-02-82	HE/University of Delaware	University of Delaware Polymer Powder Bed Laser Sintering: A Platform for Materials Development, Applications Development and Education of the Next Generation	\$0	\$0	\$434,020			
83	2016-04-02-83	HE/Delaware State University	2016 International Science & Technology Academy for Research Scholars (I-STAR) for AMP Students in Poland	\$26,500	\$0	\$0			
84	2016-04-02-84	HE/Delaware State University	Development of comparative Epigenomic and transcriptomic resources for drought tolerance in legumes	\$299,857	\$0	\$0			
85	2016-04-02-85	HE/Delaware State University	Sabbatical to enhance expertise in teaching, research and integration of experiential learning in agricultural sciences	\$45,000	\$0	\$0			
86	2016-04-02-86	HE/Delaware State University	Students and faculty engage in caribbean agriculture through experiential learning, research and outreach	\$299,860	\$0	\$0			
87	2016-04-02-87	HE/Delaware State University	Towards Ending Micro-nutrients Deficiency in Cassava through Gene Stacking of Major Nutritional Traits	\$499,966	\$0	\$0			
88	2016-04-02-88	HE/Delaware State University	Collaborative Efforts for Enhancing Climate Teaching Change through curriculum Development and Innovative Experiential Learning to Underrepresented Students	\$48,000	\$0	\$0			
89	2016-04-02-89	HE/Delaware State University	Transgenic Cassava with improved biomass yield and quality for bioethanol production	\$299,999	\$0	\$0			
90	2016-04-02-90	HE/Delaware State University	Rapid Detection of Salmonella Using Micro-Fluidic Devices along with Raman Spectroscopy	\$299,478	\$0	\$0			
91	2016-04-02-91	HE/Delaware State University	Predicting the Impacts of Climate change on the distribution of Delaware's invasive Plant Species and Implications for agricultural land use	\$232,178	\$0	\$0			
92	2016-04-02-92	HE/Delaware State University	synthesis of Beta-sisostery fatty acid esters for incorporation into reduced-cholesterol butter and cheese	\$499,986	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
93	2016-04-02-93	HE/Delaware State University	Kv7 ("M channels"), the axonal initial segment, and plasticity in spinal motoneurons	\$299,680	\$0	\$0			
94	2016-04-02-94	HE/Delaware State University	An undergraduate integrated pest management training program for the north east	\$32,910	\$0	\$0			
95	2016-04-02-95	HE/Delaware State University	Tuning Metal Hydride Kinetics with Hybrid Nanoporous and Dopant Materials	\$365,333	\$0	\$0			
96	2016-04-02-96	HE/Delaware State University	Engaging students in Caribbean agriculture and environmental sciences through experiential learning and outreach	\$59,500	\$0	\$0			
97	2016-04-02-97	HE/Delaware State University	Undergraduate Fellowships in Science-based Adaptation to Climate Change for Farms and Forests in the Northeast	\$34,100	\$0	\$0			
98	2016-04-02-98	HE/Delaware State University	Sustainability challenges to Food, Energy, and Water (FEW) systems in Delmarva: complex and coupled interactions of climate, abiotic, biotic, and social factors	\$325,094	\$0	\$0			
99	2016-04-02-99	HE/Delaware State University	Magnetic Nanostructures for wireless Telemetry in High-Temperature Applications	\$249,851	\$0	\$0			
100	2016-04-03-01	HE/Delaware State University	Evaluation of Land-based Omega-3 PUFA for improved Nutrition and Health	\$150,000	\$0	\$0			
101	2016-04-03-02	HE/Delaware State University	Multi-Institutional Student Experiential Learning with outreach Training on Water, Climate, Food Security, and Sustainable Agriculture	\$599,986	\$0	\$0			
102	2016-04-03-03	HE/Delaware State University	Land Usage and Nutrient Influences on Harmful Algal Bloom (HAB) Development in Maryland and Delaware Coastal bays	\$211,450	\$0	\$0			
103	2016-04-03-04	HE/Delaware State University	Establish a PHAGE and new omics capacity for the mitigation of AMR bacteria	\$599,800	\$0	\$0			
104	2016-04-03-05	HE/Delaware State University	Engineering a Hybrid Material Platform for Scalable Photonic Quantum Communication Devices	\$160,000	\$0	\$0			
105	2016-04-03-06	HE/Delaware State University	Enhancing Horticulture based Activities by Delaware Cooperative Extension fro sustainable local production	\$243,959	\$0	\$0			
106	2016-04-03-07	HE/Delaware State University	Improving Soil Health and Food Safety in Organic Specialty crop systems by customized management of soil amendments	\$77,551	\$0	\$0			
107	2016-04-03-08	HE/Delaware State University	DSU Mobile Meat Processing Lab (MMPL): Meat Science Education and outreach	\$599,738	\$0	\$0			

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<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Funding</i>			<i>Positions</i>		
				<i>Federal</i>	<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>
108	2016-04-03-09	HE/Delaware State University	Coastal Agriculture Summer Learning laboratory	\$145,163	\$0	\$0			
109	2016-04-03-10	HE/Delaware State University	Professional Development: training in Nutrigenomics to strengthen research in nutritional sciences	\$98,000	\$0	\$0			
110	2016-04-03-11	HE/Delaware State University	NOAA Living Marine Resources Cooperative Sciences Center	\$1,138,603	\$0	\$0			
111	2016-04-03-12	HE/Delaware State University	Managing Indoor-Outdoor Transitions in Autnomous Wheelchairs	\$739,384	\$0	\$0			
112	2016-04-03-13	HE/Delaware State University	Partnership to strengthen Family and Consumer Science programs in Secondary schools and DSU	\$249,995	\$0	\$0			
113	2016-04-03-14	HE/Delaware State University	Summer Transportation Institute 2016- Activity 20	\$71,899	\$0	\$0			
114	2619	HE/Delaware Technical and Community College	INBRE (Idea Network of Biomedical Research Excellence)	\$196,861	\$0	\$100,000			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
<b>New Business</b>									
1	<a href="#">2646</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Public Assistance - Major Disaster Declaration - Winter Storm Jonas	\$988,245	\$138,335	\$191,078	0.00	0.00	0.00
<b>Continued</b>									
2	<a href="#">2040 Amendment 2</a>	Executive, Criminal Justice, Statistical Analysis Center	State Justice Statistics Program for Statistical Analysis Centers	\$60,000	\$0	\$0	0.90	0.00	0.00
3	<a href="#">2611</a>	Department of State, Libraries	Library Services and Technology Act	\$1,033,707	\$588,143	\$0	7.00	8.00	0.00
4	<a href="#">2752</a>	Department of State, Office of the Secretary, Delaware Commission of Veterans Affairs	Veterans Cemetery Expansion	\$4,990,524	\$0	\$0	0.00	0.00	0.00
5	<a href="#">2518</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant	\$1,414,577	\$94,950,200	\$0	1.00	0.00	0.00
6	<a href="#">2584</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Substance Abuse Prevention and Treatment Block Grant	\$6,967,796	\$15,131,895	\$0	3.20	33.80	0.00
7	<a href="#">2608</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness	\$4,243,150	\$425,588	\$0	24.00	0.00	0.00
8	<a href="#">2620</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Senior Medicare Patrol	\$228,848	\$59,739	\$0	1.50	0.00	0.00
9	<a href="#">2640</a>	Department of Health and Social Services, Administration, Management Services	Infants and Toddlers with Disabilities	\$2,247,675	\$4,034,600	\$0	8.00	34.50	0.00
10	<a href="#">2643</a>	Department of Health and Social Services, Public Health, Community Health	Hospital Preparedness Program	\$1,057,820	\$105,782	\$0	2.75	0.00	0.00
11	<a href="#">2648</a>	Department of Health and Social Services, Public Health, Community Health	National Cancer Prevention and Control Program	\$728,028	\$238,455	\$0	3.75	0.47	0.00
12	<a href="#">2649</a>	Department of Health and Social Services, Public Health, Community Health	National Cancer Prevention and Control Program - Breast and Cervical Cancer	\$1,114,834	\$421,611	\$0	5.40	0.00	0.00
13	<a href="#">2652</a>	Department of Health and Social Services, Public Health, Community Health	Integrating Colorectal Cancer Screening	\$1,197,925	\$0	\$0	4.85	0.00	0.00
14	<a href="#">2655</a>	Department of Health and Social Services, Public Health, Community Health	Universal Newborn Hearing Screening, Reducing Loss to Follow-up after Failure to Pass Newborn Hearing Screening	\$250,000	\$0	\$0	1.00	0.00	0.00
15	<a href="#">2659</a>	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 Heart and Stroke Components	\$403,162	\$0	\$0	0.00	0.00	0.00
16	<a href="#">2660</a>	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 Component	\$188,950	\$0	\$0	0.00	0.00	0.00
17	<a href="#">2661</a>	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 - School Health	\$48,112	\$0	\$0	0.00	0.00	0.00
18	<a href="#">2662</a>	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 - Basic Component	\$454,818	\$0	\$0	5.00	0.00	0.00

New Business requires the attendance of the Contact Person.

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
19	<a href="#">2016-03-31-01</a>	Department of Health and Social Services, Administration, Office of the Secretary	Stand By Me Financial Empowerment Program	\$0	\$0	\$400,000	0.00	0.00	0.00
20	<a href="#">2539 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children Program-Prevention and Public Health Funds	\$1,142,001	\$0	\$0	6.90	0.00	0.00
21	<a href="#">2616</a>	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
22	<a href="#">2622</a>	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
23	<a href="#">2625</a>	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
24	<a href="#">2609</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware Sciaenid Research	\$10,974	\$3,658	\$0	0.09	0.01	0.00
25	<a href="#">2666</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Fisheries Research Vessel	\$151,053	\$50,351	\$0	0.90	0.04	0.00
26	<a href="#">1761 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Delaware Hunter Education Program	\$157,250	\$52,417	\$0	0.00	0.00	0.00
27	<a href="#">1842 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Habitat Development Program	\$337,500	\$137,500	\$0	2.97	0.85	0.00
28	<a href="#">2422 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Addition of Chance Farm Acquisition	\$491,470	\$165,777	\$0	0.00	0.00	0.00
29	<a href="#">2623</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Pre-Disaster Mitigation	\$246,375	\$739	\$82,125	0.00	0.00	0.00
30	<a href="#">2628</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Emergency Management Performance Grant	\$3,235,721	\$2,202,172	\$1,033,549	27.80	6.70	0.00
31	<a href="#">2645</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 154 Sanction Grant	\$1,225,000	\$0	\$0	0.00	0.00	0.00
32	<a href="#">2639</a>	Department of Labor, Unemployment Insurance	Reemployment and Eligibility Assessment	\$564,658	\$0	\$0	6.28	0.00	0.00
33	<a href="#">2624</a>	Department of Education	Title IV, Part B - 21st Century Community Learning Centers	\$5,716,698	\$0	\$0	0.85	0.00	0.00
34	<a href="#">2629</a>	Department of Education	Education for Homeless Children and Youth	\$218,928	\$0	\$0	0.15	0.00	0.00
35	<a href="#">2630</a>	Department of Education	Title I, Part C - Migrant Education	\$288,932	\$0	\$0	1.80	0.00	0.00
36	<a href="#">2631</a>	Department of Education	State Assessments and Related Activities	\$3,570,316	\$0	\$0	1.70	0.00	0.00
37	<a href="#">2632</a>	Department of Education	Title I, Part D - Prevention and Intervention Programs for Children and Youth Who are Neglected, Delinquent or At-Risk	\$405,473	\$0	\$0	0.00	0.00	0.00
38	<a href="#">2633</a>	Department of Education	Title II, Part B - Mathematics and Science Partner	\$759,767	\$0	\$0	0.15	0.00	0.00
39	<a href="#">2635</a>	Department of Education	Migrant Education Program Consortium Incentive	\$150,000	\$0	\$0	0.00	0.00	0.00

New Business requires the attendance of the Contact Person.

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

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
40	<a href="#">2636</a>	Department of Education	Adult Basic Education	\$1,700,639	\$854,681	\$0	0.10	0.00	0.00
41	<a href="#">2654</a>	Department of Education	Title I, Part A - Improving the Academic Achievement of the Disadvantaged	\$47,293,208	\$0	\$0	1.85	0.00	0.00
42	<a href="#">2656</a>	Department of Education	Carl D. Perkins Career and Technical Education	\$4,725,040	\$0	\$0	3.17	0.00	0.00
43	<a href="#">2657</a>	Department of Education	Title II, Part A-Improving Teacher Quality	\$10,633,734	\$0	\$0	1.90	0.00	0.00
44	<a href="#">2664</a>	Department of Education	Title II, Part A - State Agencies for Higher Education	\$286,405	\$0	\$0	0.15	0.00	0.00
45	<a href="#">2665</a>	Department of Education	Title III-English Acquisition	\$1,023,675	\$0	\$0	1.10	0.00	0.00
46	<a href="#">2670</a>	Department of Education	Individuals with Disabilities Education Act, Part B, Section 611 - State Grant	\$36,565,162	\$0	\$0	10.20	0.00	0.00
47	<a href="#">2671</a>	Department of Education	Individuals with Disabilities Education Act, Part B, Section 619 - Preschool	\$1,215,366	\$0	\$0	0.00	0.00	0.00
48	<a href="#">2680</a>	Delaware Technical Community College, Office of the President	Federal Supplemental Educational Opportunity Grant	\$316,313	\$105,438	\$0	0.00	0.00	0.00
49	<a href="#">2681</a>	Delaware Technical Community College, Office of the President	Federal Work Study	\$321,413	\$107,138	\$0	0.00	0.00	0.00

**Higher Education**

1	2016-05-07-01	HE/University of Delaware	NAHLN Member Laboratory Work Plan FY16	\$138,189	\$0	\$0			
2	2016-05-07-02	HE/University of Delaware	Conference: Extreme Climate Event Impacts on Aquatic Biogeochemical Cycles and Fluxes Jan 22-27, 2017, Puerto Rico, USA	\$19,950	\$0	\$0			
3	2016-05-07-03	HE/University of Delaware	Mathematica Policy Research Proposal to Serve as the Regional Educational Laboratory for the Mid-Atlantic Region	\$0	\$0	\$246,028			
4	2016-05-07-04	HE/University of Delaware	Stewardship Assistant Intern	\$0	\$0	\$5,000			
5	2016-05-07-05	HE/University of Delaware	Effects of Coral Bleaching on Chemically-Driven Predator-Prey Interactions	\$0	\$0	\$9,433			
6	2016-05-07-06	HE/University of Delaware	Participation in University Transportation Center Consortium FY16	\$0	\$0	\$164,157			
7	2016-05-07-07	HE/University of Delaware	Shipboard Scientific Support Equipment Caley Upgrade; Redesign/Replacement of CTD Handling System (SSSE) 2012	\$18,590	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
8	2016-05-07-08	HE/University of Delaware	EPS-WO: Extreme Climate Event Impacts on Aquatic Biogeochemical Cycles and Fluxes	\$89,314	\$0	\$0			
9	2016-05-07-09	HE/University of Delaware	Center for the Characterization of Radioactive Waste	\$0	\$0	\$693,362			
10	2016-05-07-10	HE/University of Delaware	Consulting Service Agreement Between University of Delaware and Wright County Health and Human Services	\$0	\$0	\$5,000			
11	2016-05-07-11	HE/University of Delaware	Design Automation Software for Integrated Nanophotonics (Phase II)	\$0	\$0	\$128,202			
12	2016-05-07-12	HE/University of Delaware	Multiscale Design of Poly-Responsive ANISotropic COLloidal Materials (ANISOCOLL)	\$0	\$0	\$658,448			
13	2016-05-07-13	HE/University of Delaware	Highly Efficient Cellulosic Acetone-Butanol-Ethanol Fermentation as a Platform for Advanced Hydrocarbon Biofuel Production: A Consolidated Bioprocessing Approach Enabled by Synthetic Microbial Consortia	\$0	\$0	\$228,730			
14	2016-05-07-14	HE/University of Delaware	Chemical Crypsis on Coral Reefs: Mechanisms, Functional Roles, and the Effects of Habitat Declines	\$0	\$0	\$16,936			
15	2016-05-07-15	HE/University of Delaware	S-metolachlor + Dicamba Premix (A21472C) University Testing Program in RRS Xtend Soybeans	\$0	\$0	\$8,510			
16	2016-05-07-16	HE/University of Delaware	An Integrated Evaluation of the Simulated Hydroclimate System of the Continental US	\$0	\$0	\$359,159			
17	2016-05-07-17	HE/University of Delaware	Integrated Catalytic Upgrading of Lignocellulose to Chemical and Advanced Fuels	\$2,075,682	\$0	\$0			
18	2016-05-07-18	HE/University of Delaware	Consulting Service Agreement Between University of Delaware and Child and Family Service	\$0	\$0	\$10,000			
19	2016-05-07-19	HE/University of Delaware	Protein QSpec: An Improved Method for Rapid Characterization of Protein Aggregates in Biologic Drugs for Increased Quality and Safety	\$0	\$0	\$16,026			
20	2016-05-07-20	HE/University of Delaware	AFOSR Target Identification Problems in Inverse Scattering Theory	\$643,790	\$0	\$0			
21	2016-05-07-21	HE/University of Delaware	Development of Active Face Processing Expertise	\$0	\$0	\$380,004			
22	2016-05-07-22	HE/University of Delaware	Rapid Prototyping of Advanced Passive Dynamic Ankle-Foot Orthoses (PD-AFO) Designs for Wounded Warriors	\$237,312	\$0	\$0			

New Business requires the attendance of the Contact Person.

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
23	2016-05-07-23	HE/University of Delaware	Harnessing Endogenous and Exogenous Cues to Deliver Immunotherapies to Melanoma	\$1,775,859	\$0	\$0			
24	2016-05-07-24	HE/University of Delaware	Three Dimensional Imaging	\$0	\$0	\$38,278			
25	2016-05-07-25	HE/University of Delaware	NSF COLLAB RSCH: REU Tear Film Dynamics: Modeling, Blinking and Computation	\$11,400	\$0	\$0			
26	2016-05-07-26	HE/University of Delaware	An Euler-Lagrangian Numerical Modeling for Poly-dispersed Sediment Transport Under Waves	\$115,314	\$0	\$0			
27	2016-05-07-27	HE/University of Delaware	Delaware Detection of Plant Diseases	\$3,352	\$0	\$0			
28	2016-05-07-28	HE/University of Delaware	Antimicrobial Polymer Coatings	\$0	\$0	\$25,000			
29	2016-05-07-29	HE/University of Delaware	Participation in National UTC Consortium with Rutgers University 2016-2017	\$0	\$0	\$164,965			
30	2016-05-07-30	HE/University of Delaware	Addressing Childhood Trauma In Our Neighborhood "ACTION" Wilmington	\$1,873,643	\$0	\$0			
31	2016-05-07-31	HE/University of Delaware	Supplement to R01 Titled: Mechanosensing in the Bone Lacunar-Canalicular System	\$203,372	\$0	\$0			
32	2016-05-07-32	HE/University of Delaware	Electrochemical Compressor Driven Hydrogen/Metal Hydride Heat Pump System	\$0	\$0	\$199,093			
33	2016-05-07-33	HE/University of Delaware	AROQ LTD Just-Style Research Trade Database Building and Analysis	\$0	\$0	\$7,002			
34	2016-05-07-34	HE/University of Delaware	CDC HDWD Core 2017-21	\$1,250,831	\$0	\$0			
35	2016-05-07-35	HE/University of Delaware	Improving the Health of People with Mobility Limitations and Intellectual Disabilities Through State-Based Public Health Programs	\$625,000	\$0	\$0			
36	2016-05-07-36	HE/University of Delaware	Tier 1 UTC-Railroad	\$0	\$0	\$261,289			
37	2016-05-07-37	HE/University of Delaware	Enhancing Undergraduate Research and Teaching in Soil Sciences by Providing Opportunities to Underrepresented Communities	\$107,342	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
38	2016-05-07-38	HE/University of Delaware	Participation in University Transportation Center Consortium with Michigan State University FY16	\$0	\$0	\$169,170			
39	2016-05-07-39	HE/University of Delaware	Impact of Maternal ZIKV Infection on Neuroinflammation, Microglial Activation, and Cell Death in the Fetal Brain	\$275,000	\$0	\$0			
40	2016-05-07-40	HE/University of Delaware	Multiple Spacecraft Space-Time Correlation -- Method and Implementation	\$281,232	\$0	\$0			
41	2016-05-07-41	HE/University of Delaware	Wheat Production: Evaluation of Palisade and Alternative Fungicide Timings for Intensive Wheat Production	\$0	\$0	\$1,944			
42	2016-05-07-42	HE/University of Delaware	UMASS/NOAA A Database on Human Perception and Response to Tornadoes and Severe Weather	\$0	\$0	\$34,215			
43	2016-05-07-43	HE/University of Delaware	Delaware Procurement Technical Assistance Center Base FY17	\$181,596	\$90,802	\$0			
44	2016-05-07-44	HE/University of Delaware	Inducing Behavioral Change among Farmers and Homeowners to Improve the Environmental Quality of the Delaware River Watershed: A Behavioral Science Approach	\$0	\$0	\$464,129			
45	2016-05-07-45	HE/University of Delaware	Research on the Outcomes of CarePayment Among Individuals and Families	\$0	\$0	\$14,500			
46	2016-05-07-46	HE/University of Delaware	Tracking of Sources and Cycling of Nutrients and Sediment Loads in the Brandywine Christina River Sub-Watershed Cluster: Identification of Hot Sources and Hot Moments for Water Quality Impairment	\$0	\$0	\$369,773			
47	2016-05-07-47	HE/University of Delaware	Improving The Conservation Value of Shade Coffee for Neotropical Birds	\$0	\$0	\$41,586			
48	2016-05-07-48	HE/University of Delaware	Development of a Clinically Deployable Next Generation FES Walking System	\$0	\$0	\$119,946			
49	2016-05-07-49	HE/University of Delaware	Transition to College Campus Living for Emerging Young Adults with Type 1 Diabetes: Sleep, Stress and Glycemic Control	\$0	\$0	\$4,545			
50	2016-05-07-50	HE/University of Delaware	College Students With Type 1 Diabetes Transitioning to Campus Living: Sleep, Stress, and Glycemic Control	\$0	\$0	\$7,500			
51	2016-05-07-51	HE/University of Delaware	Improving Model Parameterization of Energetic Fluxes in the Boundary Layer over Antarctica	\$9,375	\$0	\$0			
52	2016-05-07-52	HE/University of Delaware	Artificial Muscle Actuators for Mechanizing an Upper Extremity Exoskeleton Orthosis	\$0	\$0	\$119,896			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
53	2016-05-07-53	HE/University of Delaware	A Polymer Membrane Based Carbon Dioxide Electrolysis System	\$0	\$0	\$433,351			
54	2016-05-07-54	HE/University of Delaware	Planning a Multi-site Intervention to Improve Upright Balance in Children with CP	\$0	\$0	\$38,466			
55	2016-05-07-55	HE/University of Delaware	Evaluation of Seeding Rate and Method on Establishment of Cover Crops in Delaware	\$3,906	\$0	\$0			
56	2016-05-07-56	HE/University of Delaware	Danforth NSF Sherrier 16	\$0	\$0	\$149,325			
57	2016-05-07-57	HE/University of Delaware	Reaction Bonded SiC-Si and B4C-SiC-Si Ceramic Matrix Composites: Formation, Microstructure and Properties	\$0	\$0	\$94,999			
58	2016-05-07-58	HE/University of Delaware	Improving Post-Primary Education Delivery through Technology and Pedagogy	\$0	\$0	\$44,575			
59	2016-05-07-59	HE/University of Delaware	EAGER: Biomufacturing: Manufacturing Cell-Derived Microparticles for Cell Therapies	\$195,304	\$0	\$0			
60	2016-05-07-60	HE/University of Delaware	Understanding Public Perceptions, Acceptance and Engagement Interconnected to the MA and RI/MA WEAs	\$0	\$0	\$12,820			
61	2016-05-07-61	HE/University of Delaware	Delaware INBRE	\$2,799,473	\$0	\$0			
62	2016-05-07-62	HE/University of Delaware	The Multidisciplinary Proteogenomic Translational Research Center at Johns Hopkins: Making A Significant Impact on Patient Outcomes	\$0	\$0	\$80,125			
63	2016-05-07-63	HE/University of Delaware	Participation in Regional UTC Consortium with the University of Virginia 2016-2017	\$0	\$0	\$617,472			
64	2016-05-07-64	HE/University of Delaware	This Project Will Support Implementation of a Language Arts Curriculum in Grades K-5, Augmented Through Online Professional Learning and Coaching and Through Classroom and Home Libraries	\$889,257	\$0	\$0			
65	2016-05-07-65	HE/University of Delaware	Emergency Response and Foam Depopulation Training and Testing for 3-D contractors	\$21,637	\$0	\$0			
66	2016-05-07-66	HE/University of Delaware	Same Story Performances in South Africa	\$9,765	\$0	\$0			
67	2016-05-07-67	HE/University of Delaware	Lima Bean Evaluation of Resistance to Race F of Phytophthora Phaseoli	\$0	\$0	\$1,000			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
68	2016-05-07-68	HE/University of Delaware	Utilizing Cover Crops for Additional Benefits in Delaware. RFP name: "Targeted Call for Applications From Teams that Participate in the March 2016 Cover Crops for Soil Health Training."	\$0	\$0	\$10,000			
69	2016-05-07-69	HE/University of Delaware	Estate Planning and Farm Succession	\$0	\$0	\$13,146			
70	2016-05-07-70	HE/University of Delaware	NIH COBRE III 16-17 Osteoarthritis: Prevention and Treatment	\$579,554	\$0	\$0			
71	2016-05-07-71	HE/University of Delaware	Can Yoga Improve Body Image in Females, Thereby Reducing Risk of Obesity and Eating Disorders?	\$0	\$0	\$10,000			
72	2016-05-07-72	HE/University of Delaware	Fair Housing Project to Detect Differences in the Quality of Maintenance of Real Estate Owned Residential Properties Located in New Castle County, Delaware	\$0	\$0	\$21,182			
73	2016-05-07-73	HE/University of Delaware	Participation in University Transportation Consortium with Virginia Tech	\$0	\$0	\$132,661			
74	2016-05-07-74	HE/University of Delaware	"Increasing Yields and Profitability for Mid-Atlantic Double-Crop Soybean" Subcontract with Virginia Tech University (year 2 of 3)	\$0	\$0	\$12,314			
75	2016-05-07-75	HE/Delaware State University	Activity Proposal # DOT-DSU-20/ Summer Transportation Institute	\$71,899	\$0	\$0			
76	2016-05-07-76	HE/Delaware State University	Preliminary Assessment of New Technology for Oyster Depuration	\$14,995	\$0	\$0			
77	2016-05-07-77	HE/Delaware State University	Automated Abdominal Fat Quantification Techniques Applied to Cardiovascular and Obesity Clinical Research	\$217,930	\$0	\$0			
78	2016-05-07-78	HE/Delaware State University	Wall Street 101	\$25,000	\$0	\$0			
79	2016-05-07-79	HE/Delaware State University	Advanced ECC+ MHHX Heat Pump System	\$50,000	\$0	\$0			
80	2016-05-07-80	HE/Delaware State University	Conservation Engineering within Monkfish Gillnet Fishery: Reducing Negative Fishery Interaction with Endangered Atlantic Sturgeon	\$270,362	\$0	\$0			
81	2016-05-07-81	HE/Delaware State University	Delivery of a Tumor Suppressor Protein- Adenomatous Polyposis Coil (APC) for Treatment of Colorectal Cancer	\$209,842	\$0	\$0			
82	2016-05-07-82	HE/Delaware State University	Financial Social Work	\$34,885	\$0	\$0			

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				<i>Federal</i>	<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>
83	2016-05-07-83	HE/Delaware State University	CPT Rubidium Atomic Clock with Enhanced Stability	\$400,000	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
<b>New Business</b>									
1	<a href="#">2668</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Stream and Tidal Tributary Fish Survey	\$43,974	\$14,658	\$0	0.17	0.01	0.00
2	<a href="#">2677</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Enhancing Wetland Conservation	\$345,443	\$123,857	\$0	0.00	0.40	0.00
3	<a href="#">2704</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Mount Pleasant Cemetery Condition Assessment	\$5,517	\$0	\$0	0.00	0.00	0.00
4	<a href="#">2695</a>	Department of Agriculture, Forest Service	Forest Health Protection - Walnut Twig Beetle	\$5,500	\$5,500	\$0	0.00	0.06	0.00
<b>Continued</b>									
5	<a href="#">2016-04-26-02</a>	Executive, Delaware State Housing Authority	Community Development Block Grant	\$2,063,710	\$0	\$0	1.00	0.00	0.00
6	<a href="#">2016-04-26-03</a>	Executive, Delaware State Housing Authority	Public Housing Capital Program - Moving to Work	\$722,948	\$0	\$0	1.00	0.00	0.00
7	<a href="#">2016-04-26-04</a>	Executive, Delaware State Housing Authority	Emergency Solutions Grant Program	\$192,991	\$0	\$0	0.00	0.00	0.00
8	<a href="#">2016-04-26-05</a>	Executive, Delaware State Housing Authority	Family Unification Program	\$304,200	\$0	\$0	0.00	0.00	0.00
9	<a href="#">2016-04-26-08</a>	Executive, Delaware State Housing Authority	HOME Investment Partnerships Program	\$3,023,348	\$0	\$0	0.50	0.00	0.00
10	<a href="#">2016-04-26-09</a>	Executive, Delaware State Housing Authority	Housing Choice Vouchers - Moving To Work	\$7,528,200	\$0	\$0	1.00	0.00	0.00
11	<a href="#">2016-04-26-10</a>	Executive, Delaware State Housing Authority	Housing Opportunities for Persons with AIDS	\$209,515	\$0	\$0	0.00	0.00	0.00
12	<a href="#">2016-04-26-11</a>	Executive, Delaware State Housing Authority	Performance Based Contract Administrator Program	\$38,211,151	\$0	\$0	1.00	0.00	0.00
13	<a href="#">2016-04-26-12</a>	Executive, Delaware State Housing Authority	Public Housing Operations Program - Moving to Work	\$3,296,600	\$0	\$300,820	0.00	0.00	0.00
14	<a href="#">2016-04-27-01</a>	Executive, Delaware State Housing Authority	Housing Counseling Assistance Program	\$50,634	\$0	\$0	0.00	0.00	0.00
15	<a href="#">2591 Amendment</a>	Legal, Office of the Attorney General	High Intensity Drug Trafficking Areas Program	\$46,744	\$0	\$0	0.00	0.00	0.00
16	<a href="#">2700</a>	Department of State, Office of the Secretary, Administration	State Trade and Export Promotion	\$282,636	\$94,212	\$0	0.00	0.00	0.00
17	<a href="#">2593</a>	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
18	<a href="#">2597</a>	Department of Health and Social Services, Social Services	Child Care Development Fund - Mandatory	\$5,179,330	\$5,179,325	\$0	0.00	0.00	0.00
19	<a href="#">2600</a>	Department of Health and Social Services, Social Services	Refugee Social Service Program	\$75,000	\$0	\$0	0.00	0.00	0.00

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
20	<a href="#">2602</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training for Able-Bodied Adults Without Dependents	\$949,153	\$0	\$0	0.00	0.00	0.00
21	<a href="#">2604</a>	Department of Health and Social Services, Social Services	Summer Electronic Benefits Transfer for Children	\$293,013	\$0	\$0	0.13	0.00	0.00
22	<a href="#">2634</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training - Reimbursement	\$37,200	\$37,199	\$0	0.00	0.00	0.00
23	<a href="#">2638</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Nutrition Education	\$964,954	\$0	\$0	0.00	0.00	0.00
24	<a href="#">2642</a>	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families - Contingency	\$3,597,271	\$0	\$0	0.00	0.00	0.00
25	<a href="#">2644</a>	Department of Health and Social Services, Public Health, Community Health	Early Childhood Comprehensive Systems	\$426,474	\$0	\$0	1.00	0.00	0.00
26	<a href="#">2694</a>	Department of Health and Social Services, Social Services	Refuge Cash and Medical Assistance Program	\$75,000	\$0	\$0	1.41	0.00	0.00
27	<a href="#">2696</a>	Department of Health and Social Services, Social Services	Child Care Development Fund - Discretionary	\$6,200,000	\$0	\$0	9.07	0.00	0.00
28	<a href="#">2697</a>	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families	\$32,291,000	\$24,194,630	\$0	127.39	0.00	0.00
29	<a href="#">2698</a>	Department of Health and Social Services, Social Services	Social Services Block Grant	\$4,578,230	\$0	\$0	14.55	0.00	0.00
30	<a href="#">2699</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training - Operations	\$71,897	\$65,399	\$0	1.00	1.00	0.00
31	<a href="#">2701</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training	\$262,014	\$0	\$0	1.23	0.00	0.00
32	<a href="#">2705</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - State Exchange	\$3,000	\$0	\$0	0.00	0.00	0.00
33	<a href="#">2706</a>	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
34	<a href="#">2707</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program	\$15,366,612	\$15,366,612	\$0	68.09	68.09	0.00
35	<a href="#">2723</a>	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
36	<a href="#">2750</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Approaches to Ensuring Quitline Capacity	\$51,120	\$0	\$0	0.00	0.00	0.00
37	<a href="#">2758</a>	Department of Health and Social Services, Public Health, Community Health	Development, Maintenance and Enhancement of Early Hearing Detection and Intervention System Surveillance Programs	\$140,232	\$0	\$0	0.00	0.00	0.00
38	<a href="#">2669</a>	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
39	<a href="#">2672</a>	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
40	<a href="#">2673</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E - Independent Living Program	\$500,000	\$125,000	\$0	2.00	0.00	0.00

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
41	<a href="#">2678</a>	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	\$321,633	\$0	2.00	0.00	0.00
42	<a href="#">2702</a>	Department of Services for Children, Youth and Their Families, Family Services, Intake/Investigation	Child Abuse Prevention and Treatment Act	\$111,488	\$0	\$0	1.00	0.00	0.00
43	<a href="#">2712</a>	Department of Correction, Administration, Office of the Commissioner	State Criminal Alien Assistance Program	\$100,000	\$0	\$0	0.00	0.00	0.00
44	<a href="#">2618</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund	\$6,525,000	\$1,305,000	\$0	0.00	0.00	0.00
45	<a href="#">2627</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Wildlife Investigation - White-Tailed Deer	\$117,339	\$18,940	\$20,173	0.36	0.21	0.00
46	<a href="#">2650</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Joint Enforcement Agreement	\$218,190	\$696	\$0	1.87	0.00	0.00
47	<a href="#">2663</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Rare Plant Conservation Program	\$11,500	\$2,943	\$0	0.00	0.02	0.00
48	<a href="#">2667</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Beaches Environmental Assessment and Coastal Health Act	\$201,000	\$0	\$0	0.00	0.00	0.00
49	<a href="#">2674</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Phragmites Control on Private and Public Lands	\$155,000	\$51,667	\$0	0.00	0.25	0.00
50	<a href="#">2675</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Delaware Hunter Education Program	\$412,500	\$137,500	\$0	1.40	1.67	0.00
51	<a href="#">2679</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware National Estuarine Research Reserve Operations, Education and Monitoring	\$619,322	\$265,424	\$0	5.00	1.00	0.00
52	<a href="#">2683</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Community Assistance Program	\$98,876	\$24,719	\$0	1.13	0.25	0.00
53	<a href="#">2713</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	State Memorandum of Agreement Program for the Reimbursement of Technical Services	\$49,612	\$0	\$0	0.23	0.00	0.00
54	<a href="#">2714</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Delaware City PVC Operable Units-2 Remedial Investigation/Feasibility Study Cooperative Agreement	\$10,000	\$0	\$0	0.10	0.00	0.00
55	<a href="#">2715</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Delaware City PVC Operable Unit-2 Long Term Remedial Action Cooperative Agreement	\$5,000	\$0	\$0	0.05	0.00	0.00
56	<a href="#">2722</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware Coastal Management Program Implementation Grant	\$1,434,000	\$1,292,820	\$57,180	10.50	9.00	0.00
57	<a href="#">1891 Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	State Clean Diesel Grant Program	\$191,694	\$0	\$0	0.00	0.00	0.00
58	<a href="#">2016-04-21-01</a>	Safety and Homeland Security, State Police, Executive	Asset Forfeiture/Justice	\$7,000,000	\$0	\$0	0.00	0.00	0.00
59	<a href="#">2016-04-21-02</a>	Safety and Homeland Security, State Police, Executive	Asset Forfeiture/Treasury	\$3,000,000	\$0	\$0	0.00	0.00	0.00
60	<a href="#">2716</a>	Department of Labor, Employment and Training, Employment and Training Services	Wagner-Peyser Act - Employment Services	\$1,894,205	\$0	\$0	21.60	0.00	0.00
61	<a href="#">2717</a>	Department of Labor, Employment and Training, Employment and Training Services	Workforce Investment Act-Dislocated Worker	\$2,349,277	\$0	\$0	12.34	0.00	0.00

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
62	<a href="#">2718</a>	Department of Labor, Employment and Training, Employment and Training Services	Workforce Investment Act-Adult	\$2,028,005	\$0	\$0	10.41	0.00	0.00
63	<a href="#">2719</a>	Department of Labor, Employment and Training, Employment and Training Services	Workforce Investment Act-Youth	\$2,139,306	\$0	\$0	3.55	0.00	0.00
64	<a href="#">2647</a>	Department of Agriculture, Plant Industries	Forest Pest Outreach	\$29,250	\$0	\$0	0.00	0.00	0.00
65	<a href="#">2684</a>	Department of Agriculture, Pesticides	Performance Partnership Grant	\$306,700	\$107,104	\$0	2.00	1.15	0.00
66	<a href="#">2312 Amendment</a>	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	\$3,012,066	\$0	\$0	0.00	0.00	0.00
67	<a href="#">2685</a>	Department of Education	School Breakfast Program	\$12,300,000	\$0	\$0	0.00	0.00	0.00
68	<a href="#">2686</a>	Department of Education	School Lunch Program	\$33,605,000	\$487,127	\$0	0.00	0.00	0.00
69	<a href="#">2687</a>	Department of Education	Special Milk Program	\$50,000	\$0	\$0	0.00	0.00	0.00
70	<a href="#">2688</a>	Department of Education	Child and Adult Care Food Program	\$15,250,000	\$0	\$0	2.00	0.00	0.00
71	<a href="#">2689</a>	Department of Education	Child and Adult Care Food Program - Cash in Lieu	\$810,000	\$0	\$0	0.00	0.00	0.00
72	<a href="#">2690</a>	Department of Education	Child and Adult Care Food Program - Sponsor	\$744,643	\$0	\$0	0.00	0.00	0.00
73	<a href="#">2691</a>	Department of Education	Summer Food Service Program	\$2,585,835	\$0	\$0	0.40	0.00	0.00
74	<a href="#">2692</a>	Department of Education	Fresh Fruit and Vegetable Program	\$1,800,000	\$0	\$0	0.00	0.00	0.00
75	<a href="#">2693</a>	Department of Education	State Administrative Expenses for Child Nutrition	\$940,062	\$267,064	\$0	4.10	2.50	0.00
76	<a href="#">2016-04-13-01</a>	Department of Education, Caesar Rodney School District	Dover Air Force Base School Budget	\$8,856,304	\$0	\$0	0.00	0.00	0.00

**Higher Education**

1	2016-06-04-01	HE/University of Delaware	Delaware Detection of Plant Diseases	\$3,352	\$0	\$0			
2	2016-06-04-02	HE/University of Delaware	Low Temperature, Ambient Pressure Electrochemical Ammonia Synthesis in Alkaline Media Mechanistic Studies and Catalyst	\$414,650	\$0	\$0			
3	2016-06-04-03	HE/University of Delaware	BC160533PI Targeting Heterogeneous Aggressive Breast Cancers: Using Smart DNA-Polymer Nanocapsules for Personalized Physiological Profiling and Tailored Therapeutics	\$172,144	\$0	\$0			
4	2016-06-04-04	HE/University of Delaware	Targeting Heterogeneous Aggressive Breast Cancers: Using Smart DNA-Polymer Nanocapsules for Personalized Physiological Profiling and Tailored Therapeutics	\$427,856	\$0	\$0			

New Business requires the attendance of the Contact Person.

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
5	2016-06-04-05	HE/University of Delaware	Novel Multi-scale/Multi-Physics Integrated Tool for the Prediction of Manufacturing-Induced Defects in Autoclave Composite Airframe Parts - Phase I Option	\$0	\$0	\$13,461			
6	2016-06-04-06	HE/University of Delaware	2016 Delaware Lima Bean Variety Trail; Seven Varieties	\$0	\$0	\$690			
7	2016-06-04-07	HE/University of Delaware	Improving Phosphorus Risk Assessment in the Chesapeake Bay Watershed to Address Subsurface Drainage Losses on the Coastal Plain	\$0	\$0	\$152,358			
8	2016-06-04-08	HE/University of Delaware	Delaware Afterschool Network	\$0	\$0	\$187,500			
9	2016-06-04-09	HE/University of Delaware	UMN / NSF IMA -MONK Fall 2016	\$0	\$0	\$20,000			
10	2016-06-04-10	HE/University of Delaware	NSF: Linguistics Symposium on Romance Languages 47 Conference - Vogel	\$20,901	\$0	\$0			
11	2016-06-04-11	HE/University of Delaware	UMASS / NSF Next Generation, Resilient Warning Systems for Tornadoes and Flash Floods, Supplement	\$0	\$0	\$34,215			
12	2016-06-04-12	HE/University of Delaware	Cost Effective Applications of Biochar for Reducing Stormwater Volume and Nutrients	\$0	\$19,821	\$247,992			
13	2016-06-04-13	HE/University of Delaware	Chemical Reaction Modeling of Biomass Conversion via Tail Gas Reactive Pyrolysis	\$8,062	\$0	\$0			
14	2016-06-04-14	HE/University of Delaware	Delaware Center for Clean Transportation	\$0	\$0	\$261,161			
15	2016-06-04-15	HE/University of Delaware	Innovation in Care Integration for Children and Youth with Autism Spectrum Disorders and Other Developmental Disabilities Program	\$1,149,144	\$0	\$0			
16	2016-06-04-16	HE/University of Delaware	Evaluation of the Delaware Plan to Reduce Unintended Pregnancy	\$0	\$0	\$3,219,936			
17	2016-06-04-17	HE/University of Delaware	Collaborative Research: Physical Mechanisms Driving Food Web Transfer in an Antarctic Biological Hotspot	\$373,611	\$0	\$0			
18	2016-06-04-18	HE/University of Delaware	New Scenario Tree and Scenario Ensemble Products to Better Quantify and Convey Uncertainty in Hurricane Track Forecasts: Evaluation and Operational Considerations	\$79,937	\$0	\$0			
19	2016-06-04-19	HE/University of Delaware	Delaware Offshore Sand Resource Investigation 2016	\$75,758	\$0	\$0			
20	2016-06-04-20	HE/University of Delaware	Research on the Outcomes of CarePayment Among Individuals and Families	\$0	\$0	\$16,000			

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							Federal	State	Other
21	2016-06-04-21	HE/University of Delaware	Concept Systems SIM State-Led Evaluation by DHSS HSS-15-055	\$0	\$0	\$69,792			
22	2016-06-04-22	HE/University of Delaware	Immunization of Laying Hens for In Ovo Antibody Production	\$0	\$0	\$2,547			
23	2016-06-04-23	HE/University of Delaware	URI/RIEMA Framework and Detailed Plans for the all-Hazard Preparedness of a Community's Vulnerable Population	\$0	\$0	\$197,645			
24	2016-06-04-24	HE/University of Delaware	Analysis of Phosphorus Origin in the Chesapeake Bay; ii) Biologically Unavailable Phosphorus in the Water Exported to the Chesapeake Bay	\$0	\$0	\$20,000			
25	2016-06-04-25	HE/University of Delaware	Three Cucumber Varieties Known as Vlasplik, Citadel (SV1096CN), and Peacemaker (SV4828CN) and Information Related to Such Varieties	\$0	\$0	\$3,000			
26	2016-06-04-26	HE/University of Delaware	Radio America Production of Educational Audio and Video Productions for the Center for Economic Education & Entrepreneurship. This is a Supplement to Award C-04-15	\$0	\$0	\$56,621			
27	2016-06-04-27	HE/University of Delaware	FES to Improve Gait in Cerebral Palsy: A Competitive Renewal Resubmission	\$0	\$0	\$1,065,000			
28	2016-06-04-28	HE/University of Delaware	Development and Validation of Ship-Wake Generation in the Fully Nolinear Boussinesq Model FUNWAVE-TVD	\$57,952	\$0	\$0			
29	2016-06-04-29	HE/University of Delaware	Sustainable Gateways in US Multimodal Transportation Tier 1 University Transportation Center Primary focus: Preserving the Environment	\$1,376,071	\$0	\$0			
30	2016-06-04-30	HE/University of Delaware	DSBDC 2016 Portable Assistance Program, OSBDC-2016-05	\$91,743	\$0	\$0			
31	2016-06-04-31	HE/University of Delaware	Synectic Research and Analysis, Inc. Materials Testing	\$0	\$0	\$55,105			
32	2016-06-04-32	HE/University of Delaware	Full-Physics 3-D Heterogeneous Modeling of Steady State Electromagnetic Fields Through Topographically Challenging Low-Induction Composite Materials	\$305,372	\$0	\$0			
33	2016-06-04-33	HE/University of Delaware	U.S. East Coast: Maritime Assessments and Improvements to Source and Inundation Modeling Procedures	\$183,975	\$0	\$0			
34	2016-06-04-35	HE/University of Delaware	Collaborative Research: The Role of Biological Hotspots in Shaping Regional Biodiversity in the Transantarctic Mountains	\$324,212	\$0	\$0			
35	2016-06-04-36	HE/University of Delaware	Movement Pattern Bio Feedback Training After Total Knee Anrhroplasty	\$0	\$0	\$200,198			
36	2016-06-04-37	HE/University of Delaware	Semiconductor Metamaterials for Infrared Devices	\$234,396	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
37	2016-06-04-38	HE/University of Delaware	Collaborative Research: Spin Physics 'By Design' in Quantum Dot Molecules	\$5,300	\$0	\$0			
38	2016-06-04-39	HE/University of Delaware	Federal and State Technology Partnership Program (FAST) FAST-2016-R-0010	\$114,679	\$0	\$0			
39	2016-06-04-40	HE/University of Delaware	Federal and State Technology Partnership Program (FAST) FAST-2016-R-0010A	\$183,486	\$0	\$0			
40	2016-06-04-41	HE/University of Delaware	An Evaluation of Lactobacillus Plantarum MTD1 (NCIMB 40027) and Lactobacillus Buchneri (NCIMB 30139) on Corn Silage and High Moisture Corn	\$0	\$0	\$12,500			
41	2016-06-04-42	HE/University of Delaware	Integration of Comprehensive Cancer Mutation and Expression-Associated Data with Cancer Biomarker Information From EDRN	\$0	\$0	\$152,726			
42	2016-06-04-43	HE/University of Delaware	IAA for Naval Surface Warfare Center Litoral Combat Ship Testing Marine Mammal Team Support	\$562,000	\$0	\$0			
43	2016-06-04-44	HE/University of Delaware	Collaborative Research: Impact of Evaporation and Waves on Groundwater Dynamics in Tidally Influenced Beaches	\$138,014	\$0	\$0			
44	2016-06-04-45	HE/University of Delaware	Continuation of Extensive Data Processing and Analysis of Shallow Water 2006 Experiment (SW06)	\$50,780	\$0	\$0			
45	2016-06-04-46	HE/University of Delaware	Management and Operations of the IceCube Neutrino Observatory 2016-2021	\$0	\$0	\$495,695			
46	2016-06-04-47	HE/University of Delaware	Towards Improving Social Settings Serving Youth With Special Education Needs: Measuring Social Processes in Special Education Classrooms - Phase II	\$0	\$0	\$20,988			
47	2016-06-04-48	HE/University of Delaware	Rehabilitation and Recovery After Total Hip Arthroplasty	\$1,769,272	\$0	\$0			
48	2016-06-04-49	HE/University of Delaware	NIH Delaware-Clinical Translational Research Model	\$3,572,515	\$0	\$0			
49	2016-06-04-50	HE/University of Delaware	Master Plan for Coverdale Farm Preserve	\$0	\$0	\$6,628			
50	2016-06-04-51	HE/University of Delaware	Delmar School district professional development 2016-2017; Delmar High School; Delmar Middle School	\$0	\$0	\$7,986			
51	2016-06-04-52	HE/University of Delaware	Control of Articular Cartilage Structure and Function by EGFR Signaling	\$0	\$0	\$87,772			
52	2016-06-04-53	HE/University of Delaware	Mid-Atlantic Transportation Sustainability (MATS) Center: Region 3	\$0	\$0	\$66,647			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
53	2016-06-04-54	HE/University of Delaware	Prediction of Portal Pressure with Liver and Spleen MR Elastography and 4D Flow Phase-Contrast MRI	\$0	\$0	\$51,609			
54	2016-06-04-55	HE/University of Delaware	DHHS New Directions Early Head Start Year 20	\$2,387,493	\$0	\$0			
55	2016-06-04-56	HE/University of Delaware	Smart Choices for Farm Families Through Health Insurance Education	\$0	\$0	\$22,696			
56	2016-06-04-57	HE/University of Delaware	Building Capacity For Effective Practice in Special Education Through a Research to Practice Partnership	\$0	\$0	\$77,864			
57	2016-06-04-58	HE/University of Delaware	A Vascularized, In Vitro, Organotropic Metastasis Model to Generate Dormant Micrometastases	\$418,898	\$0	\$0			
58	2016-06-04-59	HE/University of Delaware	Validating the Early Childhood Self-Assessment Tool for Family Shelters	\$49,997	\$0	\$0			
59	2016-06-04-60	HE/University of Delaware	Discovery of Chemical Probes and Therapeutic Leads	\$348,340	\$0	\$0			
60	2016-06-04-61	HE/University of Delaware	Annual Renewal of the Beneficial Insect Lab 15 Continuation of ENTO352178 F/A limited to 10.0%	\$4,545	\$0	\$0			
61	2016-06-04-62	HE/University of Delaware	Assist in Rearing Wood-Boring Insects Such as Emerald Ash Borers and Asian Longhorned Borers and Their Natural Enemies	\$27,273	\$0	\$0			
62	2016-06-04-63	HE/University of Delaware	National Plant Diagnostic Network for the Food and Agriculture Defense Initiative	\$0	\$0	\$17,415			
63	2016-06-04-64	HE/University of Delaware	Homogeneous Catalysis of the Electrochemical Ammonia Synthesis by Proton Coupled Electron Transfer to N <sub>2</sub>	\$331,317	\$0	\$0			
64	2016-06-04-65	HE/University of Delaware	NSF GRFP Fellow Mlawer Hubbard	\$138,000	\$0	\$0			
65	2016-06-04-66	HE/University of Delaware	Nanoporous Fe-Mo-S for Electrochemical Ammonia Synthesis at Ambient Conditions	\$395,116	\$0	\$0			
66	2016-06-04-67	HE/University of Delaware	Bimetallic Catalysts for Low Temperature Ammonia Synthesis	\$454,426	\$0	\$0			
67	2016-06-04-68	HE/University of Delaware	LLNL Subcontract Additional Funding Summer 2016	\$0	\$0	\$13,964			
68	2016-06-04-69	HE/University of Delaware	Gene Editing Curriculum: From Core to Workforce Training	\$463,670	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
69	2016-06-04-70	HE/University of Delaware	Predicting Deformation-induced Multifunctionality in Van der Waals Heterostructures	\$241,099	\$0	\$0			
70	2016-06-04-71	HE/University of Delaware	Flameless Combustion of Hydrogen in UAVs Develop Efficient Anode Catalyst for Hydrogen Oxidation Reaction in Alkaline Media	\$255,604	\$0	\$0			
71	2016-06-04-72	HE/University of Delaware	Predicting Effective Toughness in Hierarchical Composites at Different Temperatures	\$241,099	\$0	\$0			
72	2016-06-04-73	HE/University of Delaware	Hydroacoustic Assessment of Anchor Scarring in Atlantic Sturgeon Staging/Spawning Areas of the Hudson River	\$8,176	\$0	\$0			
73	2016-06-04-74	HE/University of Delaware	2016 Resilience NSI Placeholder	\$12,820	\$0	\$0			
74	2016-06-04-75	HE/University of Delaware	Design and Experimental Testing of Land Use Mechanisms: Auctions and Conservation Practice Adoption	\$43,000	\$0	\$0			
75	2016-06-04-76	HE/University of Delaware	Incentive-Based Intervention to Increase Breastfeeding Duration Among Low-Income Puerto Rican Mothers	\$1,143,227	\$0	\$0			
76	2016-06-04-77	HE/University of Delaware	Combining Exoskeleton and FES Training Protocols in Stroke Survivors	\$2,019,535	\$0	\$0			
77	2016-06-04-78	HE/University of Delaware	Development of a Sustainable Core Infrastructure for Research in Biomaterials	\$349,997	\$0	\$0			
78	2016-06-04-79	HE/University of Delaware	Animal Health and Disease Research Program Formula Grant 2015	\$20,960	\$0	\$0			
79	2016-06-04-80	HE/University of Delaware	Regulatory Hierarchies and Roles of Non-Coding RNAs in Maize Anthers	\$0	\$0	\$161,716			
80	2016-06-04-81	HE/Delaware State University	Food Safety Training and Research for Organic Wheatgrass in Vertical Farming Systems	\$149,925	\$0	\$0			
81	2016-06-04-82	HE/Delaware State University	Back to Campus Event	\$28,828	\$0	\$0			
82	2016-06-04-83	HE/Delaware State University	Engineering a Hybrid Material Platform for Scalable Photonic Quantum Communication Devices	\$160,000	\$0	\$0			
83	2016-06-04-84	HE/Delaware State University	Study of Wheatgrass Phyllosphere Microbiome for Improving Small Farm Agricultural Handling Practices	\$149,925	\$0	\$0			
84	2016-06-04-85	HE/Delaware State University	Evaluation of Root Rot of Pea's and Beans in the Delmarva Region and the Potential Use of Spent Lime for their Control	\$14,991	\$0	\$0			

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<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Funding</i>			<i>Positions</i>		
				<i>Federal</i>	<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>
85	2016-06-04-86	HE/Delaware State University	Occurrence of Commercially Important and Endangered Fishes in Delaware and New Jersey Wind Energy Areas Using Acoustic Telemetry	\$328,702	\$0	\$0			
86	2016-06-04-87	HE/Delaware State University	RISE: A Graduate Training Program to Increase Diversity in Neuroscience	\$2,392,350	\$0	\$0			
87	2016-06-04-88	HE/Delaware State University	A6 Discovery 2016	\$54,084	\$0	\$0			
88	2016-06-04-89	HE/Delaware State University	University Center for Economic Development and International Trade (UCEDIT)	\$284,840	\$0	\$0			
89	2016-06-04-90	HE/Delaware State University	Norman E. Borlaug International Agricultural Science and Technology Fellowship Program	\$62,088	\$0	\$0			
90	2016-06-04-91	HE/Delaware State University	TDP-43 Influences Plaque Deposition, Calcineurin, and Tau Phosphorylation	\$164,629	\$0	\$0			
91	2016-06-04-92	HE/Delaware State University	Delaware Center for Clean Transportation	\$2,250,000	\$0	\$0			
92	2013-07-31-19 Amendment	HE/Delaware Technical and Community College	EPSCOR IIA - Owens Campus	\$222,850	\$0	\$0			
93	2013-07-31-20 Amendment	HE/Delaware Technical and Community College	EPSCOR IIA - Stanton Campus	\$1,142,060	\$0	\$0			
94	2013-07-31-21 Amendment	HE/Delaware Technical and Community College	EPSCOR IIA - Terry Campus	\$188,359	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
<b>New Business</b>									
1	<a href="#">2754</a>	Department of Health and Social Services, Public Health, Community Health	Maternal, Infant and Early Childhood Home Visiting – Innovation Awards	\$1,529,980	\$2,469,639	\$0	1.00	0.00	0.00
2	<a href="#">2764</a>	Department of Health and Social Services, State Service Centers	AmeriCorps State Competitive Fixed	\$18,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2760</a>	Department of Natural Resources and Environmental Control, Natural Resources, Fish and Wildlife	Atlantic States Marine Fisheries Commission - Striped Bass Telemetry	\$48,466	\$0	\$0	0.44	0.00	0.00
4	<a href="#">2016-06-27-01</a>	Department of Education	Readiness with a Purpose: Model for English Remediation	\$0	\$0	\$249,312	0.00	0.00	0.00
<b>Continued</b>									
5	<a href="#">2703</a>	Department of Health and Social Services, State Service Centers	Low-Income Home Energy Assistance Program	\$12,000,000	\$0	\$0	2.27	0.00	0.00
6	<a href="#">2730</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Senior Community Service Employment Program	\$1,846,110	\$0	\$205,739	0.75	0.00	0.00
7	<a href="#">2742</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Model Approaches to Statewide Legal Assistance Systems Phase II	\$178,679	\$59,857	\$0	0.00	0.50	0.00
8	<a href="#">2747</a>	Department of Health and Social Services, Public Health, Community Health	Childhood Lead Poisoning Prevention Program	\$102,113	\$0	\$0	0.50	0.00	0.00
9	<a href="#">2748</a>	Department of Health and Social Services, Public Health, Community Health	Lead-Based Paint Program - Certification	\$679,453	\$0	\$0	1.50	0.00	0.00
10	<a href="#">2749</a>	Department of Health and Social Services, Public Health, Community Health	Lead-Based Paint Program - Enforcement	\$94,472	\$0	\$0	0.00	0.00	0.00
11	<a href="#">2756</a>	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
12	<a href="#">2757</a>	Department of Health and Social Services, Public Health, Community Health	Sudden Death in the Young Registry	\$45,575	\$0	\$0	0.00	0.00	0.00
13	<a href="#">2765</a>	Department of Health and Social Services, State Service Centers	AmeriCorps State Formula	\$654,034	\$0	\$859,275	0.00	0.00	0.00
14	<a href="#">2774</a>	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
15	<a href="#">2775</a>	Department of Health and Social Services, State Service Centers	AmeriCorps-State Competitive	\$187,927	\$0	\$379,891	0.00	0.00	0.00
16	<a href="#">2777</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives - Administrative Implementation	\$1,898,460	\$210,940	\$0	1.80	0.20	0.00
17	<a href="#">2778</a>	Department of Health and Social Services, Child Support Enforcement	Child Support Enforcement	\$24,563,957	\$12,416,653	\$0	131.94	68.06	0.00
18	<a href="#">2780</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives - Provider Incentive Payments	\$3,266,000	\$9,798	\$0	0.00	0.00	0.00

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
19	<a href="#">2803</a>	Department of Health and Social Services, Public Health, Community Health	State Office of Rural Health	\$860,002	\$6,676,785	\$0	1.25	0.00	0.00
20	<a href="#">2832</a>	Department of Health and Social Services, Public Health, Community Health	Voluntary National Retail Food Regulatory Standards	\$264,792	\$0	\$0	0.00	0.00	0.00
21	<a href="#">2842</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Administration - Title XIX	\$78,806,000	\$34,411,183	\$0	315.34	265.36	0.00
22	<a href="#">2728</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B Subpart 1 - Child Welfare Services	\$798,401	\$265,335	\$0	3.00	0.00	0.00
23	<a href="#">2732</a>	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Secretary	Title IV-E - Foster Care	\$9,400,000	\$9,400,000	\$0	4.79	4.79	0.00
24	<a href="#">2751</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-E - Adoption Assistance	\$1,800,000	\$1,800,000	\$0	0.00	0.00	0.00
25	<a href="#">2753</a>	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Koppers Road Cooperative Agreement	\$7,000	\$0	\$0	0.08	0.00	0.00
26	<a href="#">2759</a>	Department of Natural Resources and Environmental Control, Natural Resources, Watershed Stewardship	Cooperating Technical Partnership	\$100,000	\$0	\$0	0.67	0.00	0.00
27	<a href="#">2011-06-13-02 Amendment 3</a>	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Core	\$291,806	\$58,880	\$0	3.20	0.40	0.00
28	<a href="#">2356 Amendment</a>	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Standard Chlorine - Metachem	\$7,000	\$0	\$0	0.05	0.00	0.00
29	<a href="#">2382 Amendment</a>	Department of Natural Resources and Environmental Control, Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Preliminary Assessment/Site Inspection	\$258,236	\$0	\$0	1.80	0.00	0.00
30	<a href="#">2016-05-05-01</a>	Department of Safety and Homeland Security, State Police, Aviation	Marijuana Eradication	\$12,000	\$0	\$0	0.00	0.00	0.00
31	<a href="#">2016-05-27-01</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Radiological Emergency Preparedness Program	\$0	\$0	\$1,298,364	9.75	0.00	0.00
32	<a href="#">2653</a>	Department of Transportation, Planning	Performance and Registration Information Systems Management	\$141,674	\$0	\$0	0.00	0.00	0.00
33	<a href="#">2762</a>	Department of Transportation, Planning	Commercial Vehicle Information Systems and Networks	\$503,815	\$503,815	\$0	0.00	0.00	0.00

**Higher Education**

1	2016-07-02-01	HE/University of Delaware	Extracellular Vesicles in the Human Oviduct: Cargo Characterization and Sperm Interaction	\$100,000	\$0	\$0			
2	2016-07-02-02	HE/University of Delaware	Silencing Gli1 with Spherical Nucleic Acids to Enhance Chemosensitivity of Glioblastoma Multiform	\$1,284,085	\$0	\$0			
3	2016-07-02-03	HE/University of Delaware	Impact of Botulinum Toxin and Vibration on Muscle Quality and Physical Activity in Children With Cerebral Palsy	\$2,009,099	\$0	\$0			

New Business requires the attendance of the Contact Person.

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

**Delaware State Clearinghouse Committee  
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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
4	2016-07-02-04	HE/University of Delaware	Delaware INBRE ILAB Supplement	\$368,566	\$0	\$0			
5	2016-07-02-05	HE/University of Delaware	Osteoarthritis and the Inhibition of Mevalonate Pathway	\$1,250,000	\$0	\$0			
6	2016-07-02-06	HE/University of Delaware	Incorporating Image-based Features into Biomedical Document Classification	\$1,093,202	\$0	\$0			
7	2016-07-02-07	HE/University of Delaware	An fNIRS-Based Study of Multisystem Interactions in Infants At Risk For Autism	\$2,499,995	\$0	\$0			
8	2016-07-02-08	HE/University of Delaware	Supplement for Osteoarthritis Cobre	\$213,883	\$0	\$0			
9	2016-07-02-09	HE/University of Delaware	CPS: Synergy: Collaborative Research: Emergency Response for Smart Cities: Planning and Learning Under Partial and Contradictory Information	\$445,512	\$0	\$0			
10	2016-07-02-10	HE/University of Delaware	UNOLS East Coast Van Pool Supplement for CY2016	\$206,658	\$0	\$0			
11	2016-07-02-11	HE/University of Delaware	Modulation and Evasion of Host Immunity by Beneficial Rhizospheric Microbes	\$720,595	\$0	\$0			
12	2016-07-02-12	HE/University of Delaware	Assessing Trends and Variability in Coastal Carbon Budgets and Their Relationship to Changes in Managed Landscapes and Ocean and Atmospheric Forcing	\$0	\$0	\$192,991			
13	2016-07-02-13	HE/University of Delaware	Developing a New High Throughput Screening Platform for Identifying Deubiquitinase Inhibitors	\$750,000	\$0	\$0			
14	2016-07-02-14	HE/University of Delaware	Selenocysteine in Expressed Protein Ligation: New Tools for Protein Engineering	\$275,000	\$0	\$0			
15	2016-07-02-15	HE/University of Delaware	HKF WOLF Supplement	\$0	\$0	\$15,889			
16	2016-07-02-16	HE/University of Delaware	Plasmodesmata and Chloroplasts in Integrative Defense Signaling	\$545,926	\$0	\$0			
17	2016-07-02-17	HE/University of Delaware	CPS: Synergy: Collaborative Research: Constantly on the Lookout: Low-Cost Sensor Enabled Explosive Detection to Protect High Density Environments Yang	\$147,884	\$0	\$0			

**Delaware State Clearinghouse Committee  
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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
18	2016-07-02-18	HE/University of Delaware	CPS: Synergy: Secure CPS Devices via Emanating Signals	\$674,162	\$0	\$0			
19	2016-07-02-19	HE/University of Delaware	USWBSI Integrated Management of Delaware Wheat	\$18,063	\$0	\$0			
20	2016-07-02-20	HE/University of Delaware	Biology, Ecology, and Management of Brown Marmorated Stink Bug in Orchard Crops, Small Fruit, Grapes, Vegetables, and Ornamentals - NIFA Specialty Crop Research Initiative Grants Program	\$9,319	\$0	\$0			
21	2016-07-02-21	HE/University of Delaware	New Castle County 4-H Youth Development Programming	\$0	\$0	\$84,000			
22	2016-07-02-22	HE/University of Delaware	Computational Design of Eco-Friendly Perovskites for Optoelectronics	\$0	\$0	\$58,474			
23	2016-07-02-23	HE/University of Delaware	COBRE: The Delaware Center For Neuroscience Research Excellence	\$0	\$0	\$355,833			
24	2016-07-02-24	HE/University of Delaware	Snacking Behaviors Among US Preschoolers	\$0	\$0	\$79,239			
25	2016-07-02-25	HE/University of Delaware	Addressing Trunk Muscle Impairments to Improve Fall Risk in Older Women	\$275,000	\$0	\$0			
26	2016-07-02-26	HE/University of Delaware	Arsenic-Mediated Fibrosis and Developmental Dysregulation in the Fetal Lung	\$275,002	\$0	\$0			
27	2016-07-02-27	HE/University of Delaware	Delaware Offshore Sand Resource Investigation 2016	\$151,507	\$0	\$0			
28	2016-07-02-28	HE/University of Delaware	Satellite Assessment of Carbon Fluxes in Estuaries	\$650,487	\$0	\$0			
29	2016-07-02-29	HE/University of Delaware	SHF: Medium: Collaborative Research: A Comprehensive Methodology to Pursue Reproducible Accuracy in Ensemble Scientific Simulations on Multi- and Many-core Platforms	\$16,000	\$0	\$0			
30	2016-07-02-30	HE/University of Delaware	IAA for Naval Surface Warfare Center Littoral Combat Ship Testing Marine Mammal Team Support, 2nd Payment	\$280,920	\$0	\$0			
31	2016-07-02-31	HE/University of Delaware	An fNIRS-Based Study of Interpersonal Synchrony Performance in Children With and Without Autism Spectrum Disorder (ASD)	\$275,000	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
32	2016-07-02-32	HE/University of Delaware	Delaware City Historic District Survey FY16	\$0	\$0	\$3,994			
33	2016-07-02-33	HE/University of Delaware	FEMA/Talbot County MD Architectural Survey of Water-Oriented Village Historic Districts	\$0	\$0	\$19,745			
34	2016-07-02-34	HE/University of Delaware	Student Support for Characterization of Feed Additives Effects in Broiler Chickens	\$0	\$0	\$30,000			
35	2016-07-02-35	HE/University of Delaware	Establishing the Traceability of pH Measurements for Long-Term Carbon System Monitoring From Coastal Waters to Open Ocean	\$504,564	\$0	\$0			
36	2016-07-02-36	HE/University of Delaware	Implementing the Avian Monitoring Protocols for the Northern Colorado Plateau I&M Network of the National Park Service	\$68,342	\$0	\$0			
37	2016-07-02-37	HE/University of Delaware	Protein Modification Kit Incorporating Bio-Orthogonal Non-Natural Amino Acids	\$0	\$0	\$32,180			
38	2016-07-02-38	HE/University of Delaware	Artificial Muscle Actuators for Mechanizing an Upper extremity Exoskeleton Orthosis	\$276,760	\$0	\$0			
39	2016-07-02-39	HE/University of Delaware	Drug Delivery System Based on Near-IR Photocatalytic Activation of Tetrazine Ligation	\$275,000	\$0	\$0			
40	2016-07-02-40	HE/University of Delaware	WSU/NSF US Ignite: Collaborative Research: Focus Area 2: Gigabit-network for Geographically Distributed Real-time simulation Linking Laboratories (G2DRILL) Boncelet	\$0	\$0	\$96,153			
41	2016-07-02-41	HE/University of Delaware	R Package Development and Data Certification for the National Park Services Units of the National Capital Region and the Northeast	\$76,586	\$0	\$0			
42	2016-07-02-42	HE/University of Delaware	Overcoming Barriers to Immunotherapy by Engineering the Tumor Microenvironment	\$0	\$0	\$124,802			
43	2016-07-02-43	HE/University of Delaware	Scalable Approaches to Writing Complex Nano-Features Using Block Copolymers	\$0	\$0	\$64,317			
44	2016-07-02-44	HE/University of Delaware	Vesicle-Mediated Delivery of Fertility-modulating Proteins to Sperm to Improve Fertilizing ability and Embryo Quality	\$275,000	\$0	\$0			
45	2016-07-02-45	HE/University of Delaware	Hippocampal-Prefrontal Synchrony in Working Memory	\$72,792	\$0	\$0			

**Delaware State Clearinghouse Committee  
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**July 26, 2016**

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
46	2016-07-02-46	HE/University of Delaware	Closing the Loop on Lateral and Vertical Carbon Fluxes in Tidal Salt Marshes: A Synthesis Approach to Improving Coastal "Blue" Carbon Monitoring and Modeling	\$149,380	\$0	\$0			
47	2016-07-02-47	HE/University of Delaware	Preparation and Cross-Coupling of Stereodefined Tetrasubstituted Vinyl Silanes and the Development of the Silyl-Negishi Reaction	\$0	\$0	\$7,417			
48	2016-07-02-48	HE/University of Delaware	Dry Floodproofing of Marine Operations Building	\$604,523	\$0	\$0			
49	2016-07-02-49	HE/University of Delaware	Implementing the Land Bird Monitoring Protocol for the National Park Service Units of the National Capital Region Network	\$149,734	\$0	\$0			
50	2016-07-02-50	HE/University of Delaware	Student Support: IEEE Cluster 2017 Conference	\$20,000	\$0	\$0			
51	2016-07-02-51	HE/University of Delaware	3D Models of Human Breast Tissue For Studies of Tissue Development And Breast Cancer Tumorigenesis	\$275,000	\$0	\$0			
52	2016-07-02-52	HE/University of Delaware	CRDF Global Advanced Data Fusion Algorithms for Large Scale Crop Efficiency Under Environmental Changes Arce	\$0	\$0	\$41,384			
53	2016-07-02-53	HE/University of Delaware	Lewes/NPS National Register District Survey III FY17	\$0	\$0	\$3,338			
54	2016-07-02-54	HE/University of Delaware	Characterization of Urea Release Rates From Slow Release Urea Products	\$0	\$0	\$9,619			
55	2016-07-02-55	HE/University of Delaware	Johns Hopkins University Applied Physics Lab/ Department of Homeland Security Compressive Colored Raman Imaging (CCRI) for Optical Standoff Explosive Detection Arce	\$0	\$0	\$66,683			
56	2016-07-02-56	HE/University of Delaware	Promotion of the Humanities Division of Preservation and Access; Preserving Plastics; Atmospheric Plasma Deposited Barrier Coatings to Prevent Plasticizer Leaching in Polymeric Cultural Artifacts	\$16,709	\$0	\$0			
57	2016-07-02-57	HE/University of Delaware	Investigation of a New RNA Binding Protein Rbm24 Linked to Anophthalmia and Microphthalmia	\$0	\$0	\$2,500			
58	2016-07-02-58	HE/University of Delaware	Glucocorticoid Receptors Mediate Stress Induced Facilitation of Extinction Memory	\$275,000	\$0	\$0			
59	2016-07-02-59	HE/University of Delaware	A Comparative Evaluation of the Development of the Broiler Chicken Gut Immune System	\$0	\$0	\$267,868			

**Delaware State Clearinghouse Committee  
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**July 26, 2016**

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
60	2016-07-02-60	HE/University of Delaware	Milford SCD 2016-17: Milford School District to Provide 28 Days of Professional Development: Milford High School; Central Academy Middle School; Ross Elementary School; Banneker Elementary School; Mispillion Elementary School; Morris Elementary School	\$0	\$0	\$13,889			
61	2016-07-02-61	HE/University of Delaware	NCCVT SD 2016-17 Seminars for Delaware Teachers Institute 2016-17	\$0	\$0	\$7,500			
62	2016-07-02-62	HE/University of Delaware	Emergency Response and Foam Depopulation Training and Testing for 3-D contractors	\$23,845	\$0	\$0			
63	2016-07-02-63	HE/University of Delaware	WeC4Communities (We Compute for our Communities): Community-Focused Computing for Minoritized Youth	\$205,690	\$0	\$0			
64	2016-07-02-64	HE/University of Delaware	Catalysis Center for Energy Innovation	\$146,615	\$0	\$0			
65	2016-07-02-65	HE/University of Delaware	Optogenetic Pilot for Fear Conditioning in the Developing Rat	\$100,000	\$0	\$0			
66	2016-07-02-66	HE/University of Delaware	Enhancing Enrollment of Leased Land in Agri-Environmental Programs: An Investigation of the Conservation Stewardship Program in Kansas	\$0	\$0	\$31,282			
67	2016-07-02-67	HE/University of Delaware	Provide Professional Development and Support to Laureate's Staff in Creating the Conditions to Build Capacity for Long-Term Sustainable Results by Utilizing the Theoretical Knowledge and Practical Experience of the Leadership and Content Specialists at the UD PDCE	\$0	\$0	\$352,761			
68	2016-07-02-68	HE/University of Delaware	PDCE Will Provide Ongoing Professional Development and Coaching in Math for Elementary Teachers at St. Peter Cathedral School	\$0	\$0	\$2,739			
69	2016-07-02-69	HE/University of Delaware	PDCE Will Provide Literacy PD and Coaching for Teachers in Cecil County Public Schools. Sessions Will Focus on Interactive Read Aloud, Shared Reading, and/or Differentiated Reading Using Bookworms Curriculum Designed by Sharon Walpole and Mike McKenna	\$0	\$0	\$124,342			
70	2016-07-02-70	HE/University of Delaware	Malware Identification and Detection Using Analytics for Industrial Control Systems	\$0	\$0	\$47,436			
71	2016-07-02-71	HE/University of Delaware	Advanced Alloying and Surface Treatments for CIGS Thin Film PV	\$0	\$0	\$64,102			
72	2016-07-02-72	HE/University of Delaware	University of Penn/NIH R01 Collaboration WANG LIYUN 2016	\$0	\$0	\$104,207			
73	2016-07-02-73	HE/University of Delaware	Development of an Immunological Marker Assay for Early Diagnosis and Prediction of Type-1 Diabetes in Children	\$0	\$0	\$842,019			

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**July 26, 2016**

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
74	2016-07-02-74	HE/University of Delaware	CAREER: Dirac Plasmons and Strong Coupling in Topological Insulators	\$291,420	\$0	\$0			
75	2016-07-02-75	HE/University of Delaware	NIH Cerebellar Function in Speech Motor Control - Benjamin Parrell	\$2,010,040	\$0	\$0			
76	2016-07-02-76	HE/University of Delaware	Service Agreement Between University of Delaware and Parents and Children Together	\$0	\$0	\$3,000			
77	2016-07-02-77	HE/University of Delaware	Novel Application of Pulsed Light Processing to Enhance Post-Harvest Produce Quality	\$359,026	\$0	\$0			
78	2016-07-02-78	HE/University of Delaware	Laboratory Support for the Brown Marmorated Stink Bug	\$18,182	\$0	\$0			
79	2016-07-02-79	HE/University of Delaware	Annual Renewal of the Beneficial Insect Lab 15 Continuation of ENTO352178 F/A limited to 10.0%	\$1,818	\$0	\$0			
80	2016-07-02-80	HE/University of Delaware	Development and Optimization of Phosphorus Nanofertilizer	\$360,106	\$0	\$0			
81	2016-07-02-81	HE/University of Delaware	University of Delaware Delegation to Visit Cultural Heritage Institutions in Cuba	\$30,000	\$0	\$0			
82	2016-07-02-82	HE/University of Delaware	Pressure in Lung Development and Congenital Diaphragmatic Hernia	\$1,250,007	\$0	\$0			
83	2016-07-02-83	HE/University of Delaware	Development and Application of Wild Duck-Specific Peptide Arrays for Kinome Immunometabolic Analysis of Influenza Infection	\$40,000	\$0	\$0			
84	2016-07-02-84	HE/University of Delaware	Evaluation of Newly Introduced Parasitoids for Biocontrol of Wood-Boring Insects such as Emerald Ash Borer	\$74,862	\$0	\$0			
85	2016-07-02-85	HE/University of Delaware	Strategic Planning Meeting to the Thoroughbred Racing Association (TRA) July 6 and 7, 2016	\$0	\$0	\$5,073			
86	2016-07-02-86	HE/University of Delaware	A Satellite-Based Mobile Warning System to Reduce Atlantic Sturgeon Interactions in Delaware Waters	\$245,463	\$0	\$0			
87	2016-07-02-87	HE/University of Delaware	NSF Algebraic and Extremal Graph Theory Conference	\$28,000	\$0	\$0			

**Delaware State Clearinghouse Committee  
Agenda**

**July 26, 2016**

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
88	2016-07-02-88	HE/University of Delaware	Tunable, Self-Assembling Peptide Hydrogels for Selective Transport and Delivery	\$0	\$0	\$110,000			
89	2016-07-02-89	HE/University of Delaware	Operational Support to the Iraqi Institute for the Conservation of Antiquities and Heritage	\$133,333	\$0	\$0			
90	2016-07-02-90	HE/University of Delaware	Practicing Safety Mindfulness Project for Mothers in Drug Treatment	\$0	\$0	\$3,013			
91	2016-07-02-91	HE/University of Delaware	Collaborative Research on Deep Ocean Warming and Surface Warming Hiatus	\$12,821	\$0	\$0			
92	2016-07-02-92	HE/University of Delaware	Physical Activity and Risk for Knee OA After Knee Injury in Emerging Adulthood	\$0	\$0	\$124,977			
93	2016-07-02-93	HE/University of Delaware	The Metabolome as a Phenotype for Trait Mapping in the Chicken	\$801,876	\$0	\$0			
94	2016-07-02-94	HE/University of Delaware	The Equine Microbiome And Lactic Acidosis: Microbial Activity And Host Response	\$363,669	\$0	\$0			
95	2016-07-02-95	HE/University of Delaware	Pickle and Pepper Research for Adaptation to the Delmarva Region	\$0	\$0	\$8,475			
96	2016-07-02-96	HE/University of Delaware	How is the Equine Microbiome Affected by Dental Correction?	\$0	\$0	\$10,000			
97	2016-07-02-97	HE/University of Delaware	Structure/Function of Microtubule-Associated Protein Assemblies by MAS NMR	\$1,795,125	\$0	\$0			
98	2016-07-02-98	HE/University of Delaware	Fitness Trackers to Increase Physical Activity After TKR: An RCT	\$0	\$0	\$371,290			
99	2016-07-02-99	HE/University of Delaware	Life on Clays: Evaluating Fe(II)-Smectites as Electron Donors on Early Earth and Other Planetary Bodies	\$0	\$0	\$204,561			
100	2016-07-03-01	HE/University of Delaware	AHA PREDOC Fellowship RAMICK 17	\$0	\$0	\$51,900			
101	2016-07-03-02	HE/University of Delaware	Heat Balance of the Subpolar North Atlantic During the Global Warming Acceleration and Temporary Slow-Down	\$340,538	\$0	\$0			

**Delaware State Clearinghouse Committee  
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**July 26, 2016**

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
102	2016-07-03-03	HE/University of Delaware	Neurophysiological Evidence for Phonological Learnability	\$10,800	\$0	\$0			
103	2016-07-03-04	HE/University of Delaware	The Role of Clause Boundaries in the Mediation of Working Memory and Integration Costs in Long-Distance Dependencies	\$8,000	\$0	\$0			
104	2016-07-03-05	HE/University of Delaware	Collaborative Research: Linking Gas Phase Precursors with Aerosol Size, Number and Chemical Composition in New Particle Formation	\$297,375	\$0	\$0			
105	2016-07-03-06	HE/University of Delaware	Total Knee Arthroplasty Outcomes in Older and Younger Patients	\$450,000	\$0	\$0			
106	2016-07-03-07	HE/University of Delaware	Trunk Muscle Characteristics and Their Association With Balance, Function, and Participation Among Individuals with Amputations	\$100,000	\$0	\$0			
107	2016-07-03-08	HE/University of Delaware	Effects of Lipidomic Diversity on GPCR	\$3,578,123	\$0	\$0			
108	2016-07-03-09	HE/University of Delaware	Can Neuromuscular Training Alter Movement Patterns?	\$1,484,893	\$0	\$0			
109	2016-07-03-10	HE/University of Delaware	Administrative Supplements to Existing NIH Grants and Cooperative Agreements (Admin Supp)	\$40,000	\$0	\$0			
110	2016-07-03-11	HE/University of Delaware	Providing Crop Insurance and Risk Management Education to Delaware's Diverse Agricultural Community	\$234,720	\$0	\$0			
111	2016-07-03-12	HE/University of Delaware	Shape and Size Controlled Engineered Lignocellulosic Biomass Processing for Improving Biorefinery Productivity	\$320,516	\$0	\$0			
112	2016-07-03-13	HE/University of Delaware	Intel Multispectral VIS+NIR+D RealSense Cameras for Human Computer Interaction Arce	\$0	\$0	\$55,614			
113	2016-07-03-14	HE/University of Delaware	Collaborative Research: Factors Supporting Experimentation at Highly Innovative Pottery Production Sites	\$99,515	\$0	\$0			
114	2016-07-03-15	HE/University of Delaware	CAREER: Stochastic Methods for Studying Biochemical Processes Inside Single Cells	\$276,446	\$0	\$0			
115	2016-07-03-16	HE/University of Delaware	BOEM Mid-Atlantic Cooperative ASAP Core Analysis and Characterization Extension	\$236,073	\$0	\$0			

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**July 26, 2016**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
116	2016-07-03-17	HE/University of Delaware	Role of Exosomes in Marek's Disease Pathogenesis and Immunity	\$370,800	\$0	\$0			
117	2016-07-03-18	HE/University of Delaware	Second Phase of Research Agreement	\$0	\$0	\$12,821			
118	2016-07-03-19	HE/University of Delaware	Quantifying the Timing and Spatial Extent of Sediment Restoration Effectiveness in the White Clay Creek Watershed, Pennsylvania	\$0	\$0	\$395,753			
119	2016-07-03-20	HE/Delaware State University	Anchor Scarring and Atlantic Sturgeon in the Hudson River	\$44,735	\$0	\$0			
120	2016-07-03-21	HE/Delaware State University	Examination of Atlantic Sturgeon Vessel Strikes in the Delaware River Estuary	\$187,972	\$0	\$0			
121	2016-07-03-22	HE/Delaware State University	EAGER- Developing Technologies in Air-Quality Monitoring for Environmentally Engaged and Empowered Communities	\$99,793	\$0	\$0			
122	2016-07-03-23	HE/Delaware State University	Strengthening Resistance to Potato Virus Y via Dissection of Host Factors and Characterization of tasiRNA-induced Broad-Spectrum Resistance	\$1,501,904	\$0	\$0			
123	2016-07-03-24	HE/Delaware State University	HBCU Supplement: Rapid Detection of Vibrios by Microfluidic Based Impedance Sensing	\$299,478	\$0	\$0			
124	2016-07-03-25	HE/Delaware State University	HBCU Supplement: Increase Research Capacity in Surface Science at DSU	\$64,120	\$0	\$0			
125	2016-07-03-26	HE/Delaware State University	Neuroprotective Role of UBC9 and SUMOylation in Parkinson's Disease	\$1,907,043	\$0	\$0			
126	2016-07-03-27	HE/Delaware State University	HBCU EAGER: Preparation and Characterization of Black Phosphorous- A New 2-D Material for Nano- Electronics and Sensing	\$296,299	\$0	\$0			
127	2016-07-03-28	HE/Delaware State University	DSU Recycling Kick-Off Campaign	\$103,500	\$0	\$0			
128	2016-07-03-29	HE/Delaware State University	Recruiting and Training the Next Generation of the International Agriculture Workforce	\$11,116	\$0	\$0			
129	2016-07-03-30	HE/Delaware State University	A Satellite Based Mobile Warning System to Reduce Atlantic Sturgeon Interactions in DE Waters	\$14,469	\$0	\$0			

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*July 26, 2016*

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Funding</i>			<i>Positions</i>		
				<i>Federal</i>	<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>
130	2016-07-03-31	HE/Delaware State University	HBCU:EAGER: Medical Security of Implantable Insulin Pumps through Special Channels (Visible Lights & Magnetic Symbols)	\$99,897	\$0	\$0			
131	2016-07-03-32	HE/Delaware State University	HBCU:EAGER: Novel Mesostructured Plasmonic Materials	\$299,940	\$0	\$0			

*New Business requires the attendance of the Contact Person.*

**Delaware State Clearinghouse Committee  
Amended Agenda**

**August 30, 2016**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
<b>New Business</b>									
1	<a href="#">2801</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness - Zika	\$268,139	\$0	\$0	0.00	0.00	0.00
2	<a href="#">2819</a>	Department of Health and Social Services, State Service Centers	Training and Technical Assistance Commission Investment	\$90,090	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2830</a>	Department of Health and Social Services, Public Health, Community Health	Enhanced Surveillance of Opioid-Involved Morbidity and Mortality	\$237,034	\$0	\$0	0.00	0.00	0.00
<b>Deferred to future Clearinghouse meeting.</b>									
4	<a href="#">2836</a>	Department of Health and Social Services, Public Health, Community Health	Increasing HPV Vaccinations through Assessment, Feedback, Incentives and Exchange Activities - Prevention and Public Health Funds	\$375,521	\$0	\$0	0.10	0.00	0.00
<b>Deferred to future Clearinghouse meeting.</b>									
5	<a href="#">2802</a>	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Director	National Child Traumatic Stress Initiative	\$2,000,000	\$0	\$0	0.00	0.00	0.00
6	<a href="#">2805</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Environmental Protection Agency Multipurpose Grant	\$271,181	\$0	\$0	0.10	0.00	0.00
7	<a href="#">2810</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Water Use and Data Research	\$100,000	\$90,247	\$0	0.00	0.59	0.00
8	<a href="#">2834</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Access Point Angler Intercept Survey Agreement	\$100,776	\$0	\$0	0.00	0.00	0.00
9	<a href="#">2430 Amendment</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Highway Safety Programming	\$0	\$0	\$0	1.00	0.00	0.00
10	<a href="#">2784</a>	Department of Agriculture, Food Products Inspection	Produce Safety Rule	\$1,883,878	\$0	\$0	2.00	0.00	0.00
<b>Continued</b>									
11	<a href="#">2823</a>	Legal, Office of Attorney General	Internet Crimes Against Children	\$245,642	\$0	\$0	2.00	0.00	0.00
12	<a href="#">2839</a>	Legal, Office of Attorney General	Medicaid Fraud Unit	\$1,608,126	\$536,042	\$0	13.00	4.00	0.00
13	<a href="#">2779</a>	Department of State, Arts, Office of the Director	Promotion of the Arts - Partnership Agreement	\$693,000	\$3,406,723	\$75,000	3.00	5.00	0.00
14	<a href="#">2682</a>	Department of Health and Social Services, State Service Centers	Access and Visitation Program	\$100,000	\$51,172	\$0	0.00	0.00	0.00
15	<a href="#">2799</a>	Department of Health and Social Services, Public Health, Community Health	Grants to States to Support Oral Health Workforce	\$481,826	\$195,069	\$0	0.00	1.07	0.00
16	<a href="#">2808</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Diseases - Affordable Care Act	\$613,612	\$0	\$0	1.40	0.00	0.00
17	<a href="#">2809</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Diseases	\$2,379,909	\$0	\$0	2.60	0.00	0.00

New Business requires the attendance of the Contact Person.

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

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
18	<a href="#">2812</a>	Department of Health and Social Services, State Service Centers	Community Services Block Grant	\$3,756,915	\$0	\$0	1.75	0.00	0.00
19	<a href="#">2820</a>	Department of Health and Social Services, Administration, Office of the Secretary	State Loan Repayment Program	\$420,000	\$421,260	\$0	0.00	0.00	0.00
20	<a href="#">2837</a>	Department of Health and Social Services, Public Health, Community Health	Preventive Health and Health Services Block Grant	\$287,610	\$0	\$0	0.00	0.00	0.00
21	<a href="#">2266 Amendment</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training for Able-Bodied Adults Without Dependents	\$548,163	\$0	\$0	0.00	0.00	0.00
22	<a href="#">2676</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Technical Assistance for Non-tidal Fisheries	\$38,313	\$12,771	\$0	0.37	0.15	0.00
23	<a href="#">2731</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Fisheries Technical Assistance	\$108,780	\$36,260	\$0	1.12	0.23	0.00
24	<a href="#">2761</a>	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	\$37,137	\$19,997	\$0	0.00	0.02	0.00
25	<a href="#">2782</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Coastal Fisheries Management Assistance	\$168,199	\$505	\$0	1.41	0.00	0.00
26	<a href="#">2792</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	White-nose Syndrome Grants to States	\$25,498	\$0	\$0	0.11	0.00	0.00
27	<a href="#">2793</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Dam Safety Program	\$52,537	\$0	\$0	0.20	0.00	0.00
28	<a href="#">2804</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Underground Injection Control	\$68,000	\$39,829	\$0	0.78	0.35	0.00
29	<a href="#">2806</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Leaking Underground Storage Tank Cleanup	\$1,890,200	\$210,021	\$0	6.00	0.60	0.00
30	<a href="#">2807</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Chesapeake Bay Regulatory and Accountability Programs for Chesapeake Bay Reporting	\$5,079,590	\$3,997,349	\$1,082,241	0.50	7.42	0.00
31	<a href="#">2811</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Habitat Development Program	\$1,312,500	\$417,500	\$20,000	5.20	3.57	0.00
32	<a href="#">2813</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Leaking Underground Storage Tank Prevention	\$833,100	\$277,701	\$0	3.00	0.76	0.00
33	<a href="#">2817</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Hazardous Waste Management Program	\$2,370,000	\$790,000	\$0	8.95	2.10	0.00
34	<a href="#">2831</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Atlantic Flyway Cooperative Waterfowl Banding	\$6,619	\$2,206	\$0	0.00	0.00	0.00
35	<a href="#">1813 Amendment</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Tidal Marsh Restoration - Prime Hook National Wildlife Refuge	\$255,000	\$0	\$0	0.40	0.00	0.00
36	<a href="#">1838 Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Energy and Climate	State Energy Program	\$269,900	\$57,422	\$725,000	2.92	0.50	0.00
37	<a href="#">2029 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Land and Water Conservation Fund - Cape Henlopen	\$1,721,012	\$1,721,012	\$0	0.00	0.00	0.00

New Business requires the attendance of the Contact Person.

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38	<a href="#">2405 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Brownfields Revitalization	\$465,504	\$0	\$0	2.73	0.00	0.00
39	<a href="#">2786</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Vocational Rehabilitation Services	\$12,438,638	\$3,366,493	\$0	75.40	0.00	0.00
40	<a href="#">2790</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Independent Living Services	\$259,548	\$29,560	\$0	1.00	0.00	0.00
41	<a href="#">2794</a>	Department of Labor, Vocational Rehabilitation, Vocational Rehabilitation Services	Supported Employment Services	\$258,000	\$22,875	\$0	0.00	0.00	0.00
42	<a href="#">2800</a>	Department of Labor, Vocational Rehabilitation, Disability Determination Services	Disability Determination Service	\$8,008,261	\$0	\$0	49.00	0.00	0.00
43	<a href="#">2828</a>	Department of Labor, Unemployment Insurance	Unemployment Insurance Administration Grant	\$11,477,832	\$0	\$0	129.00	0.00	0.00
44	<a href="#">2829</a>	Department of Labor, Unemployment Insurance	Trade and Alternative Trade Adjustment Assistance	\$6,708,000	\$0	\$0	0.00	0.00	0.00
45	<a href="#">2767</a>	Department of Agriculture, Forest Service	Forest Legacy Program	\$20,000	\$7,314	\$0	0.00	0.06	0.00
46	<a href="#">2768</a>	Department of Agriculture, Forest Service	Chesapeake Bay Watershed Project	\$30,000	\$12,559	\$18,000	0.08	0.13	0.00
47	<a href="#">2769</a>	Department of Agriculture, Forest Service	Forest Health Management and Monitoring	\$73,000	\$74,000	\$0	0.61	0.74	0.00
48	<a href="#">2770</a>	Department of Agriculture, Forest Service	Forest Stewardship Program	\$89,100	\$89,100	\$0	0.91	0.94	0.00
49	<a href="#">2771</a>	Department of Agriculture, Forest Service	Urban and Community Forestry	\$200,000	\$150,006	\$50,000	1.50	1.63	0.00
50	<a href="#">2772</a>	Department of Agriculture, Forest Service	State Fire Assistance	\$108,676	\$78,676	\$30,000	0.91	0.77	0.00
51	<a href="#">2773</a>	Department of Agriculture, Forest Service	Volunteer Fire Assistance	\$23,680	\$2,623	\$20,609	0.00	0.02	0.00
52	<a href="#">2814</a>	Department of Agriculture, Administration	Organic Certification Cost Share Program	\$11,500	\$0	\$0	0.00	0.00	0.00
53	<a href="#">2815</a>	Department of Agriculture, Administration	Agricultural Management Assistance Organic Certification Cost Share Program	\$2,500	\$0	\$0	0.00	0.00	0.00
54	<a href="#">2835</a>	Department of Agriculture, Administration	Specialty Crop Block Grant Program - Farm Bill	\$302,856	\$0	\$0	0.00	0.00	0.00
55	<a href="#">2791</a>	Fire Prevention Commission, State Fire School	Firefighters Assistance Grant	\$304,673	\$31,472	\$0	0.00	0.00	0.00
56	<a href="#">2824</a>	Delaware National Guard	Air National Guard Operations and Maintenance Agreement	\$3,463,400	\$471,518	\$0	44.00	4.00	0.00
57	<a href="#">2825</a>	Delaware National Guard	Army National Guard Environmental Resource Management Agreement	\$350,500	\$0	\$0	3.00	0.00	0.00

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							Federal	State	Other
58	<a href="#">2826</a>	Delaware National Guard	Air National Guard Security Guard Agreement	\$1,257,800	\$0	\$0	21.00	0.00	0.00
59	<a href="#">2827</a>	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	\$6,371,200	\$2,403,762	\$0	18.50	12.50	0.00
60	<a href="#">2796</a>	Department of Education	National School Lunch Program - Equipment Assistance Grant	\$81,561	\$0	\$0	0.00	0.00	0.00
<b>Higher Education</b>									
1	2016-08-06-01	HE/University of Delaware	Examining the phonology Syntax Interface by Focusing on Morpho-Syntactically Complex Polysynthetic Languages	\$12,000	\$0	\$0			
2	2016-08-06-02	HE/University of Delaware	Relationship Between Track Geometry Defects and Measured Track Subsurface Condition	\$191,072	\$0	\$0			
3	2016-08-06-03	HE/University of Delaware	T-type Voltage Sensitive Calcium Channels in Bone Mechanotransduction	\$2,609,167	\$0	\$0			
4	2016-08-06-04	HE/University of Delaware	The Neurobiology of Recovery in Acquired Dysgraphia	\$0	\$0	\$9,434			
5	2016-08-06-05	HE/University of Delaware	Delivering Hyper Polyandry to the Beekeeping Industry	\$0	\$0	\$329,487			
6	2016-08-06-06	HE/University of Delaware	Biomolecular Analysis of Proteins in Visual Disease	\$0	\$0	\$141,695			
7	2016-08-06-07	HE/University of Delaware	Hydro Acoustic Positioning System for Tracking Deployed Oceanographic Equipment aboard the R/V HUGH R. SHARP	\$182,275	\$0	\$0			
8	2016-08-06-08	HE/University of Delaware	MCAO FY 16-17 Salary and Benefits for Dr. Judith Provencal	\$0	\$0	\$112,014			
9	2016-08-06-09	HE/University of Delaware	Creating the First Comprehensive Duck Genome Assembly Using Third Generation Sequencing Technology	\$108,186	\$0	\$0			
10	2016-08-06-10	HE/University of Delaware	Performance Characterization and Optimization of the MapReduce-MPI Framework	\$0	\$0	\$9,461			
11	2016-08-06-11	HE/University of Delaware	Behavioral Economics of Time Preferences, Risk Preferences and Agri-Environmental Program Participation among U.S. Producers	\$0	\$0	\$9,250			

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12	2016-08-06-12	HE/University of Delaware	Evaluation of the Economic and Production Impact of Using LED and Alternative Lighting Systems for Raising Heavy Broilers	\$0	\$0	\$74,682			
13	2016-08-06-13	HE/University of Delaware	Accelerating a Culture of Interprofessional Community-Based Integrated Health Care: A Multi-Modal Approach to Enhance Communication and an Understanding of the Context of Chronic Illness Via Mentored, Team-Based Home Visits	\$0	\$0	\$45,454			
14	2016-08-06-14	HE/University of Delaware	Supporting the Creation of Oracles for Modern Software	\$491,459	\$0	\$0			
15	2016-08-06-15	HE/University of Delaware	Toward Learning Probabilistic Predictive Models for Diagnosis & Severity Scoring of Disease, from Temporal Multi-Modal Data	\$67,390	\$0	\$0			
16	2016-08-06-16	HE/University of Delaware	Exploring Energy Metabolism in Human Mesenchymal Stem Cells to Aid Bioreactor Design for Clinical Applications	\$0	\$0	\$16,917			
17	2016-08-06-17	HE/University of Delaware	NIST-NICE Regional Alliances and Multistakeholder Partnerships to Stimulate (RAMPS) Cybersecurity Education and Workforce Development; Delaware Alliance for Cybersecurity Education & Employment (DACEE), Walker	\$139,862	\$0	\$0			
18	2016-08-06-18	HE/University of Delaware	A Conserved ADAM-Ephrin-Wnt Signaling Axis in Neural Crest Development and Cancer	\$721,900	\$0	\$0			
19	2016-08-06-19	HE/University of Delaware	Bridging to English Language Literacy and Academics through Spanish (BELLAS)	\$0	\$0	\$93,707			
20	2016-08-06-20	HE/University of Delaware	Christiana Health Care Services Research Agreement	\$0	\$0	\$243,459			
21	2016-08-06-21	HE/University of Delaware	Impact Of Tart Cherry Juice On Blood Pressure Variability, Endothelial Function And Cardiovascular Reactivity In Older Adults	\$357,363	\$0	\$0			
22	2016-08-06-22	HE/University of Delaware	Acute Intensive Exercise and Locomotor Learning After Stroke: The Role of Exercise Timing	\$0	\$0	\$98,950			
23	2016-08-06-23	HE/University of Delaware	Special Initiative on Offshore Wind	\$0	\$0	\$15,000			
24	2016-08-06-24	HE/University of Delaware	Compact Passive Millimeter Wave Sensor for GPS-denied Navigation	\$0	\$0	\$144,416			
25	2016-08-06-25	HE/University of Delaware	Mitochondrial Oxidative Stress in Chronic Kidney Disease	\$289,928	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
26	2016-08-06-26	HE/University of Delaware	Evaluation of Poultry House Heat Treatment as an Alternative to Post Outbreak Wet Cleaning and Disinfection	\$0	\$0	\$79,808			
27	2016-08-06-27	HE/University of Delaware	Breakfast Consumption and Childhood Obesity Among Low Income, Ethnically Diverse Youth	\$0	\$0	\$48,924			
28	2016-08-06-28	HE/University of Delaware	CAREER: Consistent Distributed Sensing, Perception and Planning with Provable Security Assurance	\$331,938	\$0	\$0			
29	2016-08-06-29	HE/University of Delaware	NSF Ship OPS Mulholland Cruise SUPP SW	\$177,660	\$0	\$0			
30	2016-08-06-30	HE/University of Delaware	Collagen-Based Targeting for Improving Delivery and Efficacy of Osteoarthritis Drugs	\$275,000	\$0	\$0			
31	2016-08-06-31	HE/University of Delaware	Biosecurity and Emergency Response Technical Exchange for the South African Poultry Sector	\$454,364	\$0	\$0			
32	2016-08-06-32	HE/University of Delaware	Evaluating the Impact of Current Avian Influenza Response Techniques on the Environment and Future Food Safety	\$216,371	\$0	\$0			
33	2016-08-06-33	HE/University of Delaware	A Culture Model to Study and Test Therapeutics for Pulmonary Hypertension in Preterm Lungs	\$0	\$0	\$10,000			
34	2016-08-06-34	HE/University of Delaware	Determination of the Load of Antibiotic Resistant Bacteria on Retail Poultry Products "No Antibiotics" Labels vs. Products Without the Designation	\$0	\$0	\$88,154			
35	2016-08-06-35	HE/University of Delaware	NSF: Linguistics Symposium on Romance Languages 47 Conference - Vogel	\$24,834	\$0	\$0			
36	2016-08-06-36	HE/University of Delaware	EXPEDITE: EXPressing IEgacy Code Using Data Driven Tasks for Extreme Scale	\$345,569	\$0	\$0			
37	2016-08-06-37	HE/University of Delaware	Secure Database-Driven Dynamic Spectrum Sharing	\$342,753	\$0	\$0			
38	2016-08-06-38	HE/University of Delaware	CAREER: Giant Planets in Dusty Disks	\$51,586	\$0	\$0			
39	2016-08-06-39	HE/University of Delaware	NSF Career: Investigating Backward Transfer Effects in the Context of Instructional Activities about Linear and Quadratic Functions	\$503,339	\$0	\$0			

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Item	SAI#	Applicant	Project Title	Funding			Positions		
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40	2016-08-06-40	HE/University of Delaware	Drug Delivery Using Injectable Hydrogels: Low Molecular Weight Heparin for Extended Thromboprophylaxis	\$0	\$0	\$68,000			
41	2016-08-06-41	HE/University of Delaware	Synthesis of Zeolite Catalysts with Novel Morphology and Composition	\$0	\$0	\$284,647			
42	2016-08-06-42	HE/University of Delaware	Lithium Effects on the Brain's Functional and Structural Connectome in the Treatment of Bipolar Disorder	\$0	\$0	\$143,350			
43	2016-08-06-43	HE/University of Delaware	The National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)	\$55,759,651	\$0	\$0			
44	2016-08-06-44	HE/University of Delaware	Customized Management Development Program to the New Castle County Department of Land Use Designed to Develop the Specific Management Skills Which the Department has Identified as Important in its Entry and Mid-level Managers	\$0	\$0	\$26,515			
45	2016-08-06-45	HE/University of Delaware	CAREER: Defects and Polarons in Complex Materials	\$289,490	\$0	\$0			
46	2016-08-06-46	HE/University of Delaware	CAREER: Elucidating Molecular Level Interplay Between Catalysts and Electrolytes in Electrochemical Reduction of CO2	\$390,699	\$0	\$0			
47	2016-08-06-47	HE/University of Delaware	CAREER: Molecular Mechanisms Promoting Intracellular Life of Environmental Bacteria	\$600,927	\$0	\$0			
48	2016-08-06-48	HE/University of Delaware	Novel Bio-Chars Conditioned with Nutrients from Northeastern Forestry Feedstocks and Their Land Application to Enhance Environment Sustainability of Agricultural Production Systems	\$0	\$0	\$106,651			
49	2016-08-06-49	HE/University of Delaware	Efficacy of the DCCS Program: ESL and Classroom Teachers Working Together with Students and Families	\$0	\$0	\$339,827			
50	2016-08-06-50	HE/University of Delaware	Transcriptome Analysis of the Hypothalamus and Pituitary During Reproductive Maturation in Turkeys and Chickens	\$417,949	\$0	\$0			
51	2016-08-06-51	HE/University of Delaware	Significance Of Streambank Legacy Sediments As Nutrient Sources And Their Implications For Aquatic Nutrient Cycling	\$412,387	\$0	\$0			
52	2016-08-06-52	HE/University of Delaware	Collaborative Research: Late Pleistocene Gulf Stream Stability Evidenced by Globorotalia Truncatulinoides Coiling Direction	\$138,617	\$0	\$0			
53	2016-08-06-53	HE/University of Delaware	CAREER: Unraveling Processes for Vertical and Lateral Carbon Fluxes in Salt Marshes: an Outdoor Laboratory for Research and Phenomena-Driven Education	\$617,599	\$0	\$0			

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54	2016-08-06-54	HE/University of Delaware	Engineering Thermal Energy Transport Using Embedded Nanoparticles	\$353,185	\$0	\$0			
55	2016-08-06-55	HE/University of Delaware	Microstructured Hydrogel Materials for Generating Neoadventitium in Venous Grafts	\$296,039	\$0	\$0			
56	2016-08-06-56	HE/University of Delaware	Post-Traumatic Osteoarthritis: A Bone Disease?	\$200,000	\$0	\$0			
57	2016-08-06-57	HE/University of Delaware	Cost Function for Neuromuscular Control of Hand/Wrist Movements Under Interaction With Unstable Environments	\$0	\$0	\$37,285			
58	2016-08-06-58	HE/University of Delaware	Toward Dynamic Robot-Aided Neurorehabilitation: The Predictive Value of Neuroimaging-Based Biomarkers of Motor Recovery	\$0	\$0	\$211,933			
59	2016-08-06-59	HE/University of Delaware	NSF Enhancing a Calculus Course Through TA Professional Development	\$625,785	\$0	\$0			
60	2016-08-06-60	HE/University of Delaware	Our Archaeal Cousins: Evolution and Function of Eukaryotic Homologs in Sedimentary Archaea	\$142,963	\$0	\$0			
61	2016-08-06-61	HE/University of Delaware	Career: Geometric Assembly of Nanostructures and Elasto-Electronic Stitching to Design Ultra tough Composites	\$341,530	\$0	\$0			
62	2016-08-06-62	HE/University of Delaware	CAREER: In Situ Spectroscopic Probing of Ionic Liquid Interfaces	\$494,034	\$0	\$0			
63	2016-08-06-63	HE/University of Delaware	Photonic-to-RF Instrumentation Systems for Manufacturing And Testing of Integrated Components (PRISMATIC)	\$509,983	\$0	\$0			
64	2016-08-06-64	HE/University of Delaware	The Role of Snacks on Influencing Daily Energy Intake and Dietary Quality Among Preschoolers	\$0	\$0	\$140,548			
65	2016-08-06-65	HE/University of Delaware	CAREER: Sequence Specific Synthesis of Click Nucleic Acids for the Programmed Assembly of Macromolecular Structures	\$348,148	\$0	\$0			
66	2016-08-06-66	HE/University of Delaware	CAREER: Engineering Cationic and Photosensitive Spherical Nucleic Acids for Efficient Global or Spatiotemporal Gene Regulation	\$321,663	\$0	\$0			
67	2016-08-06-67	HE/University of Delaware	CAREER: Microstructural Investigation of Unsaturated Soil Behavior: An Integrated Research and Education Plan	\$358,063	\$0	\$0			

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68	2016-08-06-68	HE/University of Delaware	The REP Presents Works From Original Voices 2017-18	\$69,930	\$0	\$0			
69	2016-08-06-69	HE/University of Delaware	AFOSR DURIP Hybridization Facility for Infrared LED Emitter Arrays Goossen Kiamilev	\$1,476,534	\$0	\$0			
70	2016-08-06-70	HE/University of Delaware	ONR DURIP Advanced Material Development for Additive Manufacturing of Electromagnetically Functionalized Composites- Mirotznik	\$278,393	\$0	\$0			
71	2016-08-06-71	HE/University of Delaware	The Effects of Backward Walking Training on Balance, Mobility, Strength and Fall Recovery in the Older Adult Population	\$0	\$0	\$28,209			
72	2016-08-06-72	HE/University of Delaware	Understanding Sources, Chemical Forms, and Stability of Recalcitrant and Residual Phosphorus Pools in Agricultural Soils	\$364,306	\$0	\$0			
73	2016-08-06-73	HE/University of Delaware	Collaborative Work With the USDA Northeast Climate Hub	\$50,000	\$0	\$0			
74	2016-08-06-74	HE/University of Delaware	CAREER: Sources and Fate of Inositol Phosphates in Soils	\$425,510	\$0	\$0			
75	2016-08-06-75	HE/University of Delaware	Development of Chemo Metric Best Practices	\$0	\$0	\$72,819			
76	2016-08-06-76	HE/University of Delaware	Can You RELATE? Interaction-Based Professional Development for Special Education Classroom Teams	\$0	\$0	\$223,343			
77	2016-08-06-77	HE/University of Delaware	Exploring and Assessing the Development of Students' Argumentation Skills	\$0	\$0	\$333,275			
78	2016-08-06-78	HE/University of Delaware	Small Business Administration Cooperative Agreement FY16-17	\$587,500	\$0	\$0			
79	2016-08-06-79	HE/University of Delaware	The Role of Fetal Lung Mechanics on the Development of Pulmonary Vascular Disease	\$0	\$0	\$210,168			
80	2016-08-06-80	HE/University of Delaware	Support for Communication Workshops	\$39,184	\$0	\$0			
81	2016-08-06-81	HE/University of Delaware	Advanced Technology Development of a Heavy Crude Oil Distillation Process	\$0	\$0	\$3,495			

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82	2016-08-06-82	HE/University of Delaware	Discovery and Characterization of Novel and Abundant Bioactive Genomic Signatures From Environmental Samples in Fiji	\$0	\$0	\$163,674			
83	2016-08-06-83	HE/University of Delaware	Development of a Professional Development Model on Genre-Based Strategy Instruction for Grades 3 to 5	\$0	\$0	\$285,818			
84	2016-08-06-84	HE/University of Delaware	PADE Serviam Girls Academy 16/17 Partner Organization	\$0	\$0	\$15,500			
85	2016-08-06-85	HE/University of Delaware	Examining Cross-Language Relationships in the Development of Reading Fluency and Reading Comprehension (RC) for English Language Learners: Insights From Eye-Tracking and Think-Aloud Protocols	\$1,104,439	\$0	\$0			
86	2016-08-06-86	HE/University of Delaware	Development of a Supplemental, Targeted Writing Intervention for At-Risk Writers in First Grade	\$1,041,250	\$0	\$0			
87	2016-08-06-87	HE/University of Delaware	Adaptive Functions of Glucocorticoid Receptors in Traumatic Stress	\$0	\$0	\$180,000			
88	2016-08-06-88	HE/University of Delaware	Ford Smart Charging of Electric Vehicles With Very Fast Response to Utility Requests - Kiamilev	\$0	\$0	\$149,987			
89	2016-08-06-89	HE/University of Delaware	Collaborative Research: Documenting and Interpreting Patterns of Insect Diversity in Unique and Imperiled Environments in the Atlantic Coastal Plain (ACP) of the United States	\$419,027	\$0	\$0			
90	2016-08-06-90	HE/University of Delaware	4-H Youth Voice: Youth Choice 2016-17 4H Healthy Living Sub-Grants Supported by Walmart Foundation	\$0	\$0	\$52,727			
91	2016-08-06-91	HE/University of Delaware	Early Head Start University Partnership Grants: Buffering Children From Toxic Stress	\$51,424	\$0	\$0			
92	2016-08-06-92	HE/University of Delaware	Exploring and Assessing the Development of Students' Argumentation Skills	\$0	\$0	\$333,275			
93	2016-08-06-93	HE/University of Delaware	Characterizing Exotic Segmental Haplotypes for Improvement of U.S. Maize Hybrids	\$356,006	\$0	\$0			
94	2016-08-06-94	HE/University of Delaware	2016-2017 Health Rocks State Institutionalization Sub-Grants Supported by Altria	\$0	\$0	\$60,000			
95	2016-08-06-95	HE/University of Delaware	An Efficacy Follow-Up Study of the Long-Term Effects of Reading Recovery Under the i3 Scale-Up	\$712,171	\$0	\$0			

**Delaware State Clearinghouse Committee  
Amended Agenda**

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Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
96	2016-08-06-96	HE/University of Delaware	Physical Activity After Total Knee Replacement	\$0	\$0	\$12,000			
97	2016-08-06-97	HE/University of Delaware	Improving the Safety of Sprouts by Decontaminating Seeds	\$332,903	\$0	\$0			
98	2016-08-06-98	HE/University of Delaware	LTER: Florida Keys Coral Reef (KCR) Long-Term Ecological Research Site	\$0	\$0	\$301,799			
99	2016-08-06-99	HE/University of Delaware	PADE Boys and Girls Club Dream Chasers 16/17 Partner Organization	\$0	\$0	\$17,500			
100	2016-08-07-01	HE/University of Delaware	PADE Boys and Girls Club Mike's Team 16/17 Partner Organization	\$0	\$0	\$13,800			
101	2016-08-07-02	HE/University of Delaware	Market Opportunities for Hybrid Organic/Silicon Solar Cells	\$45,000	\$0	\$0			
102	2016-08-07-03	HE/University of Delaware	A Researcher-Practitioner Partnership Examining the Use of Automated Essay Evaluation Software for Improving Students' Writing Achievement	\$312,603	\$0	\$0			
103	2016-08-07-04	HE/University of Delaware	Public Allies FY17 National Support	\$0	\$0	\$330,583			
104	2016-08-07-05	HE/University of Delaware	PADE Christiana Care Health System 16/17 Partner Organization	\$0	\$0	\$17,500			
105	2016-08-07-06	HE/University of Delaware	PADE Accelerate Delaware 16/17 Partner Organization	\$0	\$0	\$12,000			
106	2016-08-07-07	HE/University of Delaware	PADE Jobs for Delaware Graduates 16/17 Partner Organization	\$0	\$0	\$17,500			
107	2016-08-07-08	HE/University of Delaware	PADE YMCA 16/17 Partner Organization	\$0	\$0	\$15,800			
108	2016-08-07-09	HE/University of Delaware	PADE Teen Sharp 16/17 Partner Organization	\$0	\$0	\$12,000			
109	2016-08-07-10	HE/University of Delaware	PADE Leukemia & Lymphoma Society 16/17 Partner Organization	\$0	\$0	\$13,800			

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
110	2016-08-07-11	HE/University of Delaware	PADE Kingwood Community Center 16/17 Partner Organization	\$0	\$0	\$15,000			
111	2016-08-07-12	HE/University of Delaware	PADE atTack Delaware 16/17 Partner Organization	\$0	\$0	\$12,000			
112	2016-08-07-13	HE/University of Delaware	PADE Delaware Futures 16/17 Partner Organization	\$0	\$0	\$13,800			
113	2016-08-07-14	HE/University of Delaware	PADE Neighborhood House 16/17 Partner Organization	\$0	\$0	\$17,500			
114	2016-08-07-15	HE/University of Delaware	Integration of Water in Agricultural Technology for Urban and Rural Farms	\$0	\$0	\$210,747			
115	2016-08-07-16	HE/University of Delaware	PADE The Nature Conservancy Partner Organization 16/17	\$0	\$0	\$15,500			
116	2016-08-07-17	HE/University of Delaware	Role of CALHM3 in ATP-Release Channel Gating and Taste Perception	\$169,613	\$0	\$0			
117	2016-08-07-18	HE/University of Delaware	Advancing Consumer Acceptance of Food Produced with Sustainable, Non-Traditional Irrigation Water: Lessons From the Israeli Experience and Testing the Applicability to the United States	\$346,764	\$0	\$0			
118	2016-08-07-19	HE/Delaware State University	Federal Work Study 2016-2017	\$194,699	\$0	\$0			
119	2016-08-07-20	HE/Delaware State University	Federal Supplemental Opportunity Grant	\$177,420	\$0	\$0			
120	2016-08-07-21	HE/Delaware State University	Title X Family Planning 2016-2017		\$0	\$12,015			
121	2016-08-07-22	HE/Delaware State University	DSU- EFNEP (Expanded Food and Nutrition Education Program)	\$102,906	\$0	\$0			
122	2016-08-07-23	HE/Delaware State University	Agriculture Research at 1890 Land Grant Institution/ DSU (Evans Allen FY17)	\$2,499,500	\$0	\$0			
123	2016-08-07-24	HE/Delaware State University	Cooperative Extension at 1890 Land Grant Institution/ DSU FY17	\$3,856,180	\$0	\$0			

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<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding</i>			<i>Positions</i>		
					<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>	
124	2016-08-07-25	HE/Delaware State University	Developing Technologies in Air Quality Monitoring for Environmentally Engaged and Empowered Communities	\$534,793	\$0	\$0				
125	2016-08-07-26	HE/Delaware State University	CAREER: RUI: Secure the Internal and External Operations of Implantable Insulin Pumps: Towards Analog-and- Digital, Magnetic-cum-Visible light Approach	\$499,943	\$0	\$0				
126	2016-08-07-27	HE/Delaware State University	Chemically Programming Opto-Electronic Properties of Nanostructured Inorganic Semiconductors	\$497,174	\$0	\$0				
127	2016-08-07-28	HE/Delaware State University	HBCU: EAGER- Novel Mesostructured Plasmonic Materials	\$299,940	\$0	\$0				
128	2016-08-07-29	HE/Delaware State University	A Satellite-Based Mobile Warning System to Reduce Atlantic Sturgeon Interactions in Delaware Waters	\$14,469	\$0	\$0				
129	2016-08-07-30	HE/Delaware State University	Training Program to Improve Grant Writing Skills and Enhance Opportunity for Successful NIFA Award	\$30,000	\$0	\$0				
130	2016-08-07-31	HE/Delaware State University	HBCU Supplement: ANERA	\$199,436	\$0	\$0				
131	2016-08-07-32	HE/Delaware State University	EAGER: Overcoming the Saturation Limit of High Intensity, Fully Coherent Raman Backscattering Laser	\$286,820	\$0	\$0				
132	2016-08-07-33	HE/Delaware State University	CAREER: Advancing Interdisciplinary Research and Educational Citizens Science Program for Next Generation Air- Quality Research using Laser Based Sensors	\$588,824	\$0	\$0				
133	2016-08-07-34	HE/Delaware State University	Delaware State University New Teacher Success Project	\$2,208,624	\$0	\$0				
134	2016-08-07-35	HE/Delaware State University	Recruiting and Training the Next Generation of the International Agriculture Workforce	\$11,116	\$0	\$0				

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**September 26, 2016**

Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
<b>New Business</b>									
1	<a href="#">2863</a>	Executive, Delaware Economic Development Office, Office of the Director	Rural Community Development Initiative	\$80,000	\$80,000	\$20,000	0.00	0.00	0.00
2	<a href="#">2016-07-21-02</a>	Executive, Delaware State Housing Authority	Housing Trust Fund	\$3,000,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2838</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Lifespan Respite Care Program Supplement	\$102,406	\$34,212	\$0	0.00	0.00	0.00
4	<a href="#">2871</a>	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
5	<a href="#">2875</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	Strategic Prevention Framework for Prescription Drugs	\$371,616	\$0	\$0	0.00	0.00	0.00
6	<a href="#">2849</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (g) - Graduated Driver's License Incentive Grant	\$20,000	\$5,000	\$0	0.00	0.00	0.00
7	<a href="#">2850</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (h) - Non-Motorized Safety Grant	\$50,000	\$12,501	\$0	0.00	0.00	0.00
8	<a href="#">2851</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (e) - Distracted Driving Grant	\$50,000	\$12,501	\$0	0.00	0.00	0.00
9	<a href="#">2890</a>	Department of Labor, Employment and Training, Employment and Training Services	Apprenticeship USA	\$200,000	\$0	\$0	0.60	0.00	0.00
10	<a href="#">2016-08-11-01</a>	Delaware Military Academy	Dome Facility Construction	\$5,500,000	\$0	\$1,500,000	0.00	0.00	0.00
11	<a href="#">2754</a>	Department of Health and Social Services, Public Health, Community Health	Maternal, Infant and Early Childhood Home Visiting - Innovation Awards	\$1,529,980	\$2,469,639	\$0	1.00	0.00	0.00
12	<a href="#">2830</a>	Department of Health and Social Services, Public Health, Community Health	Enhanced Surveillance of Opioid-Involved Morbidity and Mortality	\$237,034	\$0	\$0	0.00	0.00	0.00
13	<a href="#">2836</a>	Department of Health and Social Services, Public Health, Community Health	Increasing HPV Vaccinations through Assessment, Feedback, Incentives and Exchange Activities - Prevention and Public Health Funds	\$375,521	\$0	\$0	0.10	0.00	0.00
<b>Continued</b>									
14	<a href="#">2884</a>	Executive, Office of Management and Budget, Food Distribution	State Administrative Expense Funds	\$108,883	\$0	\$0	1.30	0.00	0.00
15	<a href="#">2887</a>	Executive, Office of Management and Budget, Food Distribution	Commodity Supplemental Food Program	\$182,001	\$0	\$0	0.00	0.00	0.00
16	<a href="#">2888</a>	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program	\$129,018	\$95,344	\$0	1.00	2.40	0.00
17	<a href="#">2734</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title VII - Elder Abuse Prevention	\$23,832	\$0	\$0	0.00	0.00	0.00

New Business requires the attendance of the Contact Person.

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

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
18	<a href="#">2735</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title VII - Ombudsman Activity	\$79,314	\$0	\$0	0.00	0.00	0.00
19	<a href="#">2736</a>	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
20	<a href="#">2737</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Title III, Part C - Home Delivered Meals	\$1,075,670	\$2,232,301	\$0	0.00	0.00	0.00
21	<a href="#">2741</a>	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
22	<a href="#">2857</a>	Department of Health and Social Services, Public Health, Community Health	Maternal and Child Health Services	\$1,961,020	\$12,613,332	\$0	19.65	54.10	0.00
23	<a href="#">2264 Amendment</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training - Reimbursement	\$138,873	\$138,873	\$0	0.00	0.00	0.00
24	<a href="#">2840</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Projects for Assistance in Transition from Homelessness	\$300,000	\$130,393	\$0	0.00	0.00	0.00
25	<a href="#">2412 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Water Pollution Control	\$1,121,660	\$258,230	\$0	5.30	0.00	0.00
26	<a href="#">2418 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Delaware Groundwater Protection Program	\$313,440	\$0	\$0	3.00	0.00	0.00
27	<a href="#">2845</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Aquatic Vegetation Program	\$178,842	\$59,614	\$0	0.96	0.00	0.00
28	<a href="#">2847</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund	\$8,312,000	\$1,810,506	\$0	22.65	0.70	0.00
29	<a href="#">2855</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Artificial Reef Program	\$600,000	\$200,000	\$0	1.00	0.00	0.00
30	<a href="#">2862</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Air Pollution Control	\$3,652,774	\$2,769,752	\$0	12.15	8.45	0.00
31	<a href="#">2865</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Water Quality Management - Planning	\$100,000	\$0	\$0	1.00	0.00	0.00
32	<a href="#">2867</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Waterfowl and Migratory Game Birds	\$97,005	\$32,335	\$0	0.30	0.17	0.00
33	<a href="#">2877</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Trout Program	\$112,938	\$37,646	\$0	0.41	0.04	0.00
34	<a href="#">2885</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Tidal Freshwater Fisheries Management	\$31,646	\$10,542	\$0	0.37	0.01	0.00
35	<a href="#">2891</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Environmental Review and Technical Assistance	\$93,353	\$50,267	\$0	0.07	0.24	0.00
36	<a href="#">2833</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Highway Safety Programming	\$1,806,525	\$161,950	\$0	5.00	2.00	0.00
37	<a href="#">2848</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (f) - Motorcycle Safety Grant	\$33,000	\$8,250	\$0	0.00	0.00	0.00

New Business requires the attendance of the Contact Person.

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

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
38	<a href="#">2852</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (d) - Impaired Driving Countermeasures Grant	\$1,100,000	\$275,000	\$0	0.00	0.00	0.00
39	<a href="#">2854</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (b) - Occupant Protection	\$350,000	\$0	\$0	0.00	0.00	0.00
40	<a href="#">2856</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (c) - Traffic Safety Information System	\$304,000	\$76,000	\$0	0.00	0.00	0.00
41	<a href="#">2861</a>	Department of Safety and Homeland Security, Office of the Secretary, Developmental Disabilities Council	Developmental Disabilities Council	\$482,800	\$20,000	\$80,000	4.00	0.00	0.00
42	<a href="#">2878</a>	Department of Transportation, Motor Vehicles, Administration	Commercial Driver's License Program Improvement Grant	\$269,760	\$0	\$0	0.00	0.00	0.00
43	<a href="#">2876</a>	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health Statistics	\$74,000	\$74,000	\$0	1.00	1.00	0.00
44	<a href="#">2879</a>	Department of Labor, Industrial Affairs, Anti-Discrimination	Equal Employment Opportunity Commission	\$275,250	\$0	\$0	3.00	0.00	0.00
45	<a href="#">2882</a>	Department of Labor, Employment and Training, Employment and Training Services	Disabled Veterans' Outreach Program	\$499,545	\$0	\$0	6.00	0.00	0.00
46	<a href="#">2883</a>	Department of Labor, Industrial Affairs, Occupational Safety and Health Administration/Bureau of Labor Statistics	Occupational Safety and Health Consultation	\$447,700	\$49,744	\$0	5.50	0.50	0.00
47	<a href="#">2880</a>	Fire Prevention Commission, State Fire School	National Fire Academy Training	\$20,060	\$0	\$0	0.00	0.00	0.00
48	<a href="#">2016-07-29-01</a>	Department of Education	State Approving Agency	\$71,057	\$0	\$0	0.33	0.00	0.00

**Higher Education**

1	2016-09-03-01	HE/University of Delaware	What is the Structure of NGC 1624-2's Giant Magnetosphere	\$33,412	\$0	\$0			
2	2016-09-03-02	HE/University of Delaware	Collaborative Research: The Role of Behavior, Biochemistry, and Visual Physiology in Complex Bioluminescent Communication	\$208,392	\$0	\$0			
3	2016-09-03-03	HE/University of Delaware	Transcriptome and Metabolome Analysis of the Post-Hatch Broiler Chicken	\$353,694	\$0	\$0			
4	2016-09-03-04	HE/University of Delaware	Immunization of Laying Hens for In Ovo Antibody Production	\$0	\$0	\$4,063			
5	2016-09-03-05	HE/University of Delaware	To Identify Bacterial Species (Clostridium spp in particular) That are Affected by KLASP Litter Amendment Treatment in Comparison to Untreated and Acid Treated Controls	\$0	\$0	\$29,914			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
6	2016-09-03-06	HE/University of Delaware	Using Habitat Specialists as Models to Understand the Short, and Long-Term Effects of Anthropogenic Climate Change on Coral Reef Biodiversity	\$258,910	\$0	\$0			
7	2016-09-03-07	HE/University of Delaware	Light-Regulated Heterotrophy in Actinobacteria	\$477,643	\$0	\$0			
8	2016-09-03-08	HE/University of Delaware	African American Families Fighting Parental Cancer Together	\$1,866,004	\$0	\$0			
9	2016-09-03-09	HE/University of Delaware	Organization for the Study of Sex Differences Annual Meeting	\$74,925	\$0	\$0			
10	2016-09-03-10	HE/University of Delaware	Special Initiative on Offshore Wind	\$0	\$0	\$50,000			
11	2016-09-03-11	HE/University of Delaware	Regulatory Pathways of the Osmotic Stress Response in Bacteria	\$448,454	\$0	\$0			
12	2016-09-03-12	HE/University of Delaware	YALE / NSF Madiman	\$0	\$0	\$72,176			
13	2016-09-03-13	HE/University of Delaware	Iowa Army Efficient InfraRed Emitters (EIRE) Kiamilev	\$0	\$0	\$272,945			
14	2016-09-03-14	HE/University of Delaware	Benign Plant Microbiome As Modulators Of Plant Innate Immune Defense Response Against Enteric Human Foodborne Bacterial Pathogens	\$359,561	\$0	\$0			
15	2016-09-03-15	HE/University of Delaware	Delaware Hatch (Regular Fund) FY 17	\$1,135,332	\$0	\$0			
16	2016-09-03-16	HE/University of Delaware	USDA Hatch Multistate Appropriations FY2017	\$497,084	\$0	\$0			
17	2016-09-03-17	HE/University of Delaware	The Expanded Food and Nutrition Education Program FY17	\$309,352	\$0	\$0			
18	2016-09-03-18	HE/University of Delaware	Rapid Advancement in Process Intensification Deployment (RAPID)	\$0	\$0	\$5,610,149			
19	2016-09-03-19	HE/University of Delaware	Effect of Vibration on Muscle Properties, Physical Activity and Balance in Children With Cerebral Palsy	\$2,425,125	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
20	2016-09-03-20	HE/University of Delaware	Doctoral Dissertation Research: Re-Wilding the Body in the Anthropocene: Lessons from the Microbiome and the Paleo Diet	\$12,057	\$0	\$0			
21	2016-09-03-21	HE/University of Delaware	A Multiphase Turbulence-Resolving Numerical Simulation Framework for Heterogeneous Sediment Transport	\$172,827	\$0	\$0			
22	2016-09-03-22	HE/University of Delaware	Developing Novel Methods for Removal of Pathogens and Nanoparticles from Fresh Produce and Food Contact Surfaces	\$250,551	\$0	\$0			
23	2016-09-03-23	HE/University of Delaware	Movement Pattern Biofeedback Training After Total Knee Anthroplasty	\$0	\$0	\$199,853			
24	2016-09-03-24	HE/University of Delaware	Collaborative Research: Sediment Geochemical Control on Ocean Acidification and Carbon Budget in a River Dominated Shelf System	\$65,160	\$0	\$0			
25	2016-09-03-25	HE/University of Delaware	Collaborative Research: Investigating the Links Between Fault-Zone Geology, Fluid Flow and Aseismic Deformation at the Garrett Transform Fault	\$221,123	\$0	\$0			
26	2016-09-03-26	HE/University of Delaware	Applying Quantitative Structure Activity Relationships (QSARs) to Guide Selection of Candidate Propellant Formulations	\$0	\$0	\$22,575			
27	2016-09-03-27	HE/University of Delaware	Understanding Agricultural Water Use Behavior Through Randomized Controlled Trials	\$0	\$0	\$74,875			
28	2016-09-03-28	HE/University of Delaware	Develop Analysis Programming	\$0	\$0	\$3,866			
29	2016-09-03-29	HE/University of Delaware	Quantum Energy and Sustainable Solar Technologies (QESST) Renewal	\$0	\$0	\$977,594			
30	2016-09-03-30	HE/University of Delaware	The Role of Resilience in Addressing Racial Disparities in Adverse HIV-Related Outcomes	\$0	\$0	\$90,585			
31	2016-09-03-31	HE/University of Delaware	Renewable Resources SLD FY17	\$46,448	\$0	\$0			
32	2016-09-03-32	HE/University of Delaware	Efficacy, Safety, and Environmental Impacts of Encapsulated Thymol as a New Alternative to Antibiotics	\$367,577	\$0	\$0			
33	2016-09-03-33	HE/University of Delaware	Conference on Advancing Behavioral and Experimental Economics Methods and Applications to Sustainable Environmental and Agricultural Management	\$49,945	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
34	2016-09-03-34	HE/University of Delaware	FCC NDBEDP National Deaf-Blind Equipment Distribution Program	\$62,771	\$0	\$0			
35	2016-09-03-35	HE/University of Delaware	Department of Health and Human Services New Directions Early Head Start Child Care Startup Expansion	\$297,842	\$0	\$0			
36	2016-09-03-36	HE/University of Delaware	Department of Health and Human Services New Directions Early Head Start Child Care Expansion	\$967,787	\$0	\$0			
37	2016-09-03-37	HE/University of Delaware	PADE Christina Cultural Arts Center 16/17 Partner Organization	\$0	\$0	\$11,000			
38	2016-09-03-38	HE/University of Delaware	McIntire Stennis Appropriations 2017	\$113,162	\$0	\$0			
39	2016-09-03-39	HE/University of Delaware	Breastfeeding Education Support Tool for Baby (BEST4Baby)	\$0	\$0	\$20,135			
40	2016-09-03-40	HE/University of Delaware	The Connection Between State of Good Repair and Resilience: Measures for Pavements and Bridges	\$0	\$0	\$48,097			
41	2016-09-03-41	HE/University of Delaware	Investigation of Anastatus as Potential Biocontrol Agents of Lycorma Delicatula and Other Hemiptera Including Potential Non-Target Organisms	\$61,307	\$0	\$0			
42	2016-09-03-42	HE/University of Delaware	Market Opportunities for Hybrid Organic/Silicon Solar Cells	\$45,000	\$0	\$0			
43	2016-09-03-43	HE/University of Delaware	4-H National Mentoring Program (NMP7)	\$0	\$0	\$175,985			
44	2016-09-03-44	HE/University of Delaware	Solid-State NMR Structural Studies of Retroviral Capsid Assemblies and Interactions with TRIM5a	\$0	\$0	\$248,881			
45	2016-09-03-45	HE/University of Delaware	Contemporary Cost Drivers in Higher Education	\$0	\$0	\$55,586			
46	2016-09-03-46	HE/University of Delaware	PADE Boys and Girls Club STEAM 16/17 Partner Organization	\$0	\$0	\$13,800			
47	2016-09-03-47	HE/University of Delaware	IR-4 Northeast Region Minor Crop Pest Management Program	\$0	\$0	\$19,000			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
48	2016-09-03-48	HE/University of Delaware	NSF Theoretical, Computational and Applicable Aspects of Probability and Combinatorics	\$317,442	\$0	\$0			
49	2016-09-03-49	HE/University of Delaware	Fluctuating-Moment Effects in the Solar Wind	\$0	\$0	\$69,347			
50	2016-09-03-50	HE/University of Delaware	PADE Pathways to Success16/17 Partner Organization	\$0	\$0	\$12,000			
51	2016-09-03-51	HE/University of Delaware	PADE Strive16/17 Partner Organization	\$0	\$0	\$15,800			
52	2016-09-03-52	HE/University of Delaware	NSF CAREER: Adaptively Boosting Resilience Efficiency in the Face of Frequent, Clustered, and Diverse Faults REU 2 Yang	\$16,000	\$0	\$0			
53	2016-09-03-53	HE/University of Delaware	NSF SHF: Small: Collaborative Research: Multi-level Non-volatile FPGA Synthesis to Empower Efficient Self-adaptive System Implementations	\$16,000	\$0	\$0			
54	2016-09-03-54	HE/University of Delaware	Fabrication of High Efficiency Thin-Film ACIGS Solar Cells	\$18,824	\$0	\$0			
55	2016-09-03-55	HE/University of Delaware	Total Knee Outcomes Study	\$0	\$0	\$32,500			
56	2016-09-03-56	HE/University of Delaware	Cooperative Agreement Established With USDA, APHIS for UD to Provide Training for up to 18 Participants in the 2017 Emergency Poultry Disease Response (EPDR) Certificate Training Program to be Conducted June 19 - 23, 2017 in Newark, Delaware	\$292,331	\$0	\$0			
57	2016-09-03-57	HE/University of Delaware	BEACON: BioEnergy Advancement Center of the Northeast	\$0	\$0	\$6,597,583			
58	2016-09-03-58	HE/University of Delaware	Support of the Atmospheric Integrated Research Monitoring Network (AIRMoN) 2016	\$17,483	\$0	\$0			
59	2016-09-03-59	HE/University of Delaware	Visualizing Data, Visualizing Knowledge: Investigating Visual Invention Practices in the Workplace	\$0	\$0	\$3,685			
60	2016-09-03-60	HE/University of Delaware	Vaccine Efficacy Comparison of HVT-based Experimental Vaccine Products: Study I, Study II and Study III (HVT products)	\$0	\$0	\$89,896			
61	2016-09-03-61	HE/University of Delaware	Assessing and Remediating the Effects of Invasive Shrubs in Urban Forest Fragments	\$20,000	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
62	2016-09-03-62	HE/University of Delaware	High-Performance Red-Mud-Based Composites for Enhancing the Removal of Phosphorus in Engineered Wetland Systems	\$0	\$0	\$87,153			
63	2016-09-03-63	HE/University of Delaware	I-Corps: Exploring Commercialization of Nanostructured Composite Sensors	\$45,000	\$0	\$0			
64	2016-09-03-64	HE/University of Delaware	Chemical Cues Provide Biological Information Used to Create More Effective Marine Protected Areas	\$0	\$0	\$13,897			
65	2016-09-03-65	HE/University of Delaware	Charles County Contract Dozier 2016	\$0	\$0	\$10,000			
66	2016-09-03-66	HE/University of Delaware	Supplemental Funding From Sponsor: Kemira Industries, Inc. Will Supply Certain Proprietary Materials to University of Delaware to Perform the Research Project Described as "Evaluating the availability of Rumen-Protected Amino Acid Products"	\$0	\$0	\$21,778			
67	2016-09-03-67	HE/University of Delaware	Development and Validation of Ship-Wake Generation in FUNWAVE-TVD for Predicting Ship-Wake Effects on Adjacent Shorelines	\$92,919	\$0	\$0			
68	2016-09-03-68	HE/University of Delaware	Mutualism in Anemonefishes: the Evolutionary Development and Likely Role Mutualistic Interactions Play in Changing Environment	\$0	\$0	\$22,500			
69	2016-09-03-69	HE/University of Delaware	Effects of Coastal Pollution on Chemically-Mediated Fish Recruitment and Resilience	\$0	\$0	\$5,440			
70	2016-09-03-70	HE/University of Delaware	Marek's Disease Virus Pathogenesis Study; The Purpose of This Study is to Compare the Vaccine Efficacy of M1(73), a Naturally-Occurring Low Virulence Field Isolate, to Two Commercial CVI988 Vaccines	\$0	\$0	\$56,124			
71	2016-09-03-71	HE/University of Delaware	High-Resolution Spatial Analysis of Determinants of Greenhouse Gas Emissions in the USA, 1980-2010	\$0	\$0	\$81,308			
72	2016-09-03-72	HE/University of Delaware	Adverse Neurogenic Actions of Dietary Salt	\$188,000	\$0	\$0			
73	2016-09-03-73	HE/University of Delaware	Yonkers Coaching FY17	\$0	\$0	\$44,916			
74	2016-09-03-74	HE/University of Delaware	Urban Food Forestry in Philadelphia: Inequality in the Edible City	\$300,322	\$0	\$0			
75	2016-09-03-75	HE/University of Delaware	SMILES: Secondary Mathematics, In-The-Moment, Longitudinal Engagement Study	\$0	\$0	\$341,164			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
76	2016-09-03-76	HE/University of Delaware	Fall 2016 WILMAPCO New Castle County, DE and Cecil County, MD, Travel Time, Speed & Delay Data Collection & Processing	\$0	\$0	\$19,313			
77	2016-09-03-77	HE/University of Delaware	DIApedia Army SBIR PH II Enhancement Proposal	\$0	\$0	\$34,656			
78	2016-09-03-78	HE/University of Delaware	High Resolution Views of the Built Environment Developed from Administrative Records: Applications, Distribution and Security Concerns	\$485,522	\$0	\$0			
79	2016-09-03-79	HE/University of Delaware	Develop a Business Plan Supporting Implementation of a Water Fund to Restore Brandywine-Christina Watershed to a Fishable, Swimmable, Potable Status	\$0	\$0	\$105,000			
80	2016-09-03-80	HE/University of Delaware	DASL Will Provide Leadership Support for CCPS Middle School Principals and a Principal Supervisor	\$0	\$0	\$19,291			
81	2016-09-03-81	HE/University of Delaware	Global Futures Festival	\$0	\$0	\$50,000			
82	2016-09-03-82	HE/University of Delaware	Special Initiative on Offshore Wind	\$0	\$0	\$39,370			
83	2016-09-03-83	HE/University of Delaware	New Directions in the Development of Atomic Clocks	\$375,000	\$0	\$0			
84	2016-09-03-84	HE/University of Delaware	The Future Forest: Restoration Techniques to Preserve Urban Forest Diversity	\$0	\$0	\$91,652			
85	2016-09-03-85	HE/University of Delaware	Smith Lever FY17	\$1,342,032	\$0	\$0			
86	2016-09-03-86	HE/University of Delaware	Advanced Components for High-Efficiency Ammonia Synthesis from Water and Nitrogen	\$0	\$0	\$288,462			
87	2016-09-03-87	HE/Delaware State University	Chemical and Electrical Property Mapping by Nano FT-IR	\$495,700	\$0	\$0			
88	2016-09-03-88	HE/Delaware State University	2017 Renewable Resources Extension Act Program at DSU	\$13,500	\$0	\$0			
89	2016-09-03-89	HE/Delaware State University	Biology, Bioinformatics and Mathematics Academy for Research Scholars (B2-MARS)	\$1,144,550	\$0	\$0			

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<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Funding</i>			<i>Positions</i>		
				<i>Federal</i>	<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>
90	2016-09-03-90	HE/Delaware State University	Undergraduate Research Experience in Molecular Genetics and Genomics	\$323,955	\$0	\$0			
91	2016-09-03-91	HE/Delaware State University	DSU SNAP Ed Program	\$331,682	\$0	\$0			
92	2016-09-03-92	HE/Delaware State University	Detection of Volatile Organic Compounds using Mid-Infrared Laser Spectroscopy of Exhaled Human Breath for Early Detection of Lung Cancer	\$118,010	\$0	\$0			
93	2889	HE/Delaware Technical and Community College	Educational Talent Search	\$314,400	\$0	\$0			
94	2910	HE/Delaware Technical and Community College	Upward Bound Math Science	\$368,454	\$0	\$0			
95	2916	HE/Delaware Technical and Community College	STEM UP Delaware	\$484,400	\$0	\$0			
96	2926	HE/Delaware Technical and Community College	Classic Upward Bound - Owens Campus	\$311,342	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
<b>New Business</b>									
1	<a href="#">2930</a>	Judicial, Administrative Office of the Courts - Court Services, Office of the State Court Administrator	Delaware Criminal Case Scheduling Initiative	\$50,000	\$5,000	\$0	0.00	0.00	0.00
2	<a href="#">2785</a>	Department of Health and Social Services, Public Health, Community Health	Delaware Violent Death Reporting System	\$689,575	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2841</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities, Administration/Community Services	Enhance Adult Protective Services	\$198,690	\$70,837	\$0	0.00	1.00	0.00
4	<a href="#">2897</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Coastal Avian Conservation Project	\$105,063	\$56,573	\$0	0.00	0.15	0.00
5	<a href="#">2906</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Pea Patch Island Coastal Restoration and Resilience Project	\$873,308	\$350,000	\$2,000,000	0.00	0.25	0.00
6	<a href="#">2978</a>	Department of Labor, Employment and Training, Employment and Training Services	Reemployment and System Integration Dislocated Worker Grant	\$693,357	\$0	\$0	0.80	0.00	0.00
<b>Continued</b>									
7	<a href="#">2903</a>	Executive, Criminal Justice, Criminal Justice Council	Sexual Assault Services Program	\$301,886	\$0	\$0	0.10	0.00	0.00
8	<a href="#">2733</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Lifespan Respite Care Program	\$120,000	\$40,000	\$0	0.00	0.00	0.00
9	<a href="#">2738</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Title III, Part C - Congregate Meals	\$2,169,045	\$1,250,000	\$0	4.25	7.50	0.00
10	<a href="#">2739</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Title III, Part E - National Family Caregiver Support	\$723,681	\$270,000	\$0	3.00	0.00	0.00
11	<a href="#">2818</a>	Department of Health and Social Services, Long Term Care Residents Protection	Centers for Medicare and Medicaid Services Survey and Certification - Medicare	\$1,116,009	\$0	\$0	5.45	0.00	0.00
12	<a href="#">2821</a>	Department of Health and Social Services, Long Term Care Residents Protection	Centers for Medicare and Medicaid Services Survey and Certification - Medicaid	\$669,709	\$214,970	\$0	4.38	1.46	0.00
13	<a href="#">2016-08-11-02</a>	Department of Health and Social Services, Public Health, Community Health	Mammography Facility Inspection Contract	\$39,540	\$0	\$0	0.00	0.00	0.00
14	<a href="#">2907</a>	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Food	\$10,853,027	\$4,814,400	\$0	0.00	0.00	0.00
15	<a href="#">2908</a>	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Administration	\$6,208,053	\$0	\$0	49.05	0.00	0.00
16	<a href="#">2909</a>	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Breast Feeding	\$159,987	\$0	\$0	0.00	0.00	0.00
17	<a href="#">2922</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Independent Living	\$45,802	\$4,628	\$0	0.40	0.00	0.00

New Business requires the attendance of the Contact Person.

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

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
18	<a href="#">2886</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Aquatic Resources Education	\$378,000	\$126,000	\$0	2.00	0.70	0.00
19	<a href="#">2892</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	National and Regional Conservation Coordination	\$22,750	\$12,250	\$0	0.02	0.14	0.00
20	<a href="#">2893</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	State Wildlife Grant Coordination in Delaware	\$15,600	\$8,400	\$0	0.15	0.06	0.00
21	<a href="#">2894</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Sport Fish Coordination in Delaware	\$60,000	\$20,000	\$0	0.50	0.15	0.00
22	<a href="#">2895</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Investigations - Surveys	\$29,259	\$9,753	\$0	0.06	0.09	0.00
23	<a href="#">2896</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wild Turkey and Upland Game Birds	\$31,221	\$10,407	\$0	0.12	0.11	0.00
24	<a href="#">2898</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Marine Development Program	\$455,000	\$135,000	\$20,000	1.94	1.22	0.00
25	<a href="#">2899</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Development Program	\$420,000	\$140,000	\$0	1.98	1.33	0.00
26	<a href="#">2900</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Bat Research, Monitoring and Conservation	\$49,733	\$26,779	\$0	0.30	0.10	0.00
27	<a href="#">2901</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Restoration Coordination	\$75,000	\$25,000	\$0	0.75	0.16	0.00
28	<a href="#">2902</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Stream and Tidal Tributary Fish Survey	\$24,252	\$8,084	\$0	0.24	0.01	0.00
29	<a href="#">2913</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Avian Influenza Surveillance	\$10,000	\$0	\$0	0.02	0.00	0.00
30	<a href="#">2914</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Atlantic Flyway Canada Goose Cooperative Research and Survey Program	\$15,240	\$5,080	\$0	0.00	0.00	0.00
31	<a href="#">2924</a>	Department of Labor, Office of Occupational and Labor Market Information	Workforce Information Grant	\$300,301	\$0	\$0	1.50	0.00	0.00
32	<a href="#">2868</a>	Department of Agriculture, Food Products Inspection	Cooperative Meat Inspection	\$377,428	\$377,428	\$0	3.20	3.20	0.00
33	<a href="#">2869</a>	Department of Agriculture, Food Products Inspection	Cross Utilization	\$253,680	\$0	\$0	3.10	0.00	0.00
34	<a href="#">2921</a>	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey	\$107,362	\$0	\$0	1.00	0.00	0.00
35	<a href="#">2347 Amendment</a>	Department of Education	School Breakfast Program	\$14,500,000	\$0	\$0	0.00	0.00	0.00

**Higher Education**

New Business requires the attendance of the Contact Person.

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

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
1	2016-10-01-05	HE/University of Delaware	Smoking Cessation for Food Pantry Recipients	\$0	\$0	\$10,714			
2	2016-10-01-06	HE/University of Delaware	Integrating Parenting and Financial Counseling	\$0	\$0	\$686,676			
3	2016-10-01-07	HE/University of Delaware	RF-Photonic Phased Array Technology Tx	\$0	\$0	\$46,996			
4	2016-10-01-08	HE/University of Delaware	High-Resolution, Anisotropic MR Elastography of the Brain	\$3,260,754	\$0	\$0			
5	2016-10-01-09	HE/University of Delaware	Paving the Way for Fractions: Positioning Children At Risk for Mathematics Difficulties	\$1,048,292	\$0	\$0			
6	2016-10-01-10	HE/University of Delaware	ABI Innovation: Deep Learning of Protein-Protein Interaction at Residue Level	\$523,781	\$0	\$0			
7	2016-10-01-11	HE/University of Delaware	Sub-cellular Location Prediction for Multi-Localized Proteins: Leveraging Location Inter-Dependencies through a Probabilistic Framework	\$586,380	\$0	\$0			
8	2016-10-01-12	HE/University of Delaware	Brown Marmoset Stink Bug (BMBS) Classical Biological Control	\$86,956	\$0	\$0			
9	2016-10-01-13	HE/University of Delaware	Understanding Mechanisms Involved In Plant-Pathogen Interactions During The Process of Disease Development in Plants	\$36,402	\$0	\$0			
10	2016-10-01-14	HE/University of Delaware	2016 Countering Violent Extremism (CVE)	\$255,531	\$0	\$0			
11	2016-10-01-15	HE/University of Delaware	Reducing Solid Fat and Added Sugar Intakes in Low-Income Preschoolers Through Environmental and Behavioral Portion Size Strategies	\$0	\$0	\$24,768			
12	2016-10-01-16	HE/University of Delaware	Collaborative Research: Erosion and Local Scour Around Infrastructure During Extreme Coastal Windstorms and Tsunamis	\$178,204	\$0	\$0			
13	2016-10-01-17	HE/University of Delaware	Collaborative Research: Mechanics and Modeling of Coastal Dunes for the Mitigation of Extreme Surge and Wave Hazards	\$339,860	\$0	\$0			
14	2016-10-01-18	HE/University of Delaware	Mental Health Among Traumatized Youth and Those From Low SES and Minority Populations: Do School-Based Services Make a Difference?	\$0	\$0	\$34,998			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
15	2016-10-01-19	HE/University of Delaware	Agreement between State of Delaware, Department of Health and Social Services, Division of Substance Abuse & Mental Health and University of Delaware for Delaware to Obtain Certain Services to Provide Delaware School Surveys	\$100,000	\$0	\$0			
16	2016-10-01-20	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	\$19,074	\$0	\$0			
17	2016-10-01-21	HE/University of Delaware	Effects of Dual-Task Cognitive Training on Head Impact Kinematics	\$0	\$0	\$27,373			
18	2016-10-01-22	HE/University of Delaware	PELL Grant	\$0	\$0	\$199,221			
19	2016-10-01-23	HE/University of Delaware	Novel Electrochemical Membrane Reactor For Synthesis of NH3 from Air and Water at Moderate Temperature and Low Pressure	\$0	\$0	\$160,256			
20	2016-10-01-24	HE/University of Delaware	Heating and Acceleration of the Solar Corona and Solar Wind: Effects of Turbulence Transport, Eddy Viscosity, and Turbulent Resistivity	\$584,640	\$0	\$0			
21	2016-10-01-25	HE/University of Delaware	The Relationship of Cascade, Reconnection, and Heating in Heliospheric Plasma Turbulence	\$549,026	\$0	\$0			
22	2016-10-01-26	HE/University of Delaware	Oxygen Recovery from Carbon Dioxide Using Ion Exchange Membrane Electrolysis Technology	\$585,431	\$0	\$0			
23	2016-10-01-27	HE/University of Delaware	PIRE: Integrating Policy, Science, and Engineering to Transition the U.S. and Europe to Carbon-Free Electricity	\$2,564,102	\$0	\$0			
24	2016-10-01-28	HE/University of Delaware	Intervening to Enhance Inhibitory Control Among Substance-Using Parents: Two Generation Effects	\$2,284,498	\$0	\$0			
25	2016-10-01-29	HE/University of Delaware	UXO Characterization and Detection in Muddy Estuarine Environments	\$233,081	\$0	\$0			
26	2016-10-01-30	HE/University of Delaware	Understanding Toughness in Van der Waals Heterostructures	\$208,029	\$0	\$0			
27	2016-10-01-31	HE/University of Delaware	Towards an Understanding of School and Classroom Leaders in Low Resource Settings	\$0	\$0	\$150,000			
28	2016-10-01-32	HE/University of Delaware	Chemical Glycobiology of the Innate Immune System	\$0	\$0	\$60,000			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
29	2016-10-01-33	HE/University of Delaware	Collaborative Research: Stochasticity and Robustness in the Vertebrate Segmentation Clock	\$146,031	\$0	\$0			
30	2016-10-01-34	HE/University of Delaware	Collaborative Research: Stochastic Hybrid Systems Approach to Elucidate a Cellular Counting and Sizing Mechanism	\$146,031	\$0	\$0			
31	2016-10-01-35	HE/University of Delaware	Delaware Detection of Plant Diseases	\$3,353	\$0	\$0			
32	2016-10-01-36	HE/University of Delaware	Evaluating the Impact of Bovamine on Performance, Nutrient Digestibility, and Digestive Function in Lactating Dairy Cows	\$0	\$0	\$82,086			
33	2016-10-01-37	HE/University of Delaware	Kenaf: A multi-functional annual crop to promote bioeconomy and soil reclamation in coal producing regions of the United States	\$0	\$0	\$748,088			
34	2016-10-01-38	HE/University of Delaware	A Partnership Between Towson University and University of Maryland School of Medicine	\$0	\$0	\$15,157			
35	2016-10-01-39	HE/University of Delaware	To identify Bacterial Species (Clostridium spp in Particular) That are Affected by KLASP Litter Amendment Treatment in Comparison to Untreated and Acid Treated Controls	\$0	\$0	\$29,914			
36	2016-10-01-40	HE/University of Delaware	Great American Songbook Supplement 4	\$0	\$0	\$14,999			
37	2016-10-01-41	HE/University of Delaware	Collaborative Research: The Impact of Oceanic Forcing on the Melting of West Antarctic Peninsula Glaciers	\$135,808	\$0	\$0			
38	2016-10-01-42	HE/University of Delaware	Probabilistic Modeling to Account for Variability in Liquid Composite Molding Processes	\$235,085	\$0	\$0			
39	2016-10-01-43	HE/University of Delaware	NSF/ NIGMS Mathematical Models for Tissue Renewal and Organization	\$1,050,724	\$0	\$0			
40	2016-10-01-44	HE/University of Delaware	Identifying Unique and Overlapping Roles of Reactive Oxygen Species in Rice Blast and Southern Corn Leaf Blight	\$0	\$0	\$151,433			
41	2016-10-01-45	HE/University of Delaware	Particle Theory and Cosmology	\$848,924	\$0	\$0			
42	2016-10-01-46	HE/University of Delaware	Parkinson's Disease Telehealth Clinic 2017	\$0	\$0	\$75,000			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
43	2016-10-01-47	HE/University of Delaware	Resin Infusible Carbon Fiber Unidirectional Broadgoods for Fatigue Dominated Applications	\$0	\$0	\$14,743			
44	2016-10-01-48	HE/University of Delaware	HFSP M Cohen	\$0	\$0	\$251,817			
45	2016-10-01-49	HE/University of Delaware	Sloan Research Fellowship Law 17	\$0	\$0	\$60,000			
46	2016-10-01-50	HE/University of Delaware	C&A Foundation for Continuation of the Work of Better Buying to Make Transparent, Detailed Data on the Purchasing Practices of Apparel Buying Companies	\$0	\$0	\$1,383,507			
47	2016-10-01-51	HE/University of Delaware	SI2-SSI: Collaborative Research: Sustainable Software and Data Ecosystem for Multiscale Kinetics Modeling, Simulation, and Materials Discovery	\$2,113,775	\$0	\$0			
48	2016-10-01-52	HE/University of Delaware	Sloan Research Fellowship Day 16	\$0	\$0	\$60,000			
49	2016-10-01-53	HE/University of Delaware	Responsive, Shape-Changing Endoskeletal Droplets	\$16,000	\$0	\$0			
50	2016-10-01-54	HE/University of Delaware	University Centers for Excellence in Developmental Disabilities	\$24,397	\$0	\$0			
51	2016-10-01-55	HE/University of Delaware	Annual Renewal of the Beneficial Insect Lab	\$18,182	\$0	\$0			
52	2016-10-01-56	HE/University of Delaware	Immune and Metabolic Kinome Analysis of Animal Samples to Study Feed Formulation, Disease and Food Safety	\$100,000	\$0	\$0			
53	2016-10-01-57	HE/University of Delaware	Annual Renewal of the Beneficial Insect Lab 15 Continuation of ENTO352178 F/A limited to 10.%	\$1,729	\$0	\$0			
54	2016-10-01-58	HE/University of Delaware	Assist in Rearing Wood-Boring Insects Such as Emerald Ash Borers and Asian Longhorned Borers and Their Natural Enemies	\$29,091	\$0	\$0			
55	2016-10-01-59	HE/University of Delaware	Renewal of Delaware Center for Neuroscience Research	\$0	\$0	\$4,487,335			
56	2016-10-01-60	HE/University of Delaware	Secure and Usable Mobile Authentication for People with Visual Impairment	\$40,229	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
57	2016-10-01-61	HE/University of Delaware	Collaborative Research: Secure and Usable Indoor Navigation for Individuals with Visual Impairment	\$157,841	\$0	\$0			
58	2016-10-01-62	HE/University of Delaware	Damage Assessment of Concrete Structures Using Innovative Self-Sensing Reinforcing Bars for Improved Earthquake Resilience	\$0	\$0	\$178,973			
59	2016-10-01-63	HE/University of Delaware	Translating Recommendations into Practice: Using Technology to Examine the Frequency of Growth Monitoring in Children with Overweight and Obesity	\$0	\$0	\$43,726			
60	2016-10-01-64	HE/University of Delaware	Preparing and Sequencing Reduced Representation Genomic Libraries Using Next-Generation Sequencing Technology	\$9,091	\$0	\$0			
61	2016-10-01-65	HE/University of Delaware	CO2 to Bioplastics: Beneficial Re-use of Carbon Emissions from Coal-Fired Power Plants using Microalgae	\$0	\$0	\$58,134			
62	2016-10-01-66	HE/University of Delaware	NASA PSTAR 2016	\$1,004,183	\$0	\$0			
63	2016-10-01-67	HE/University of Delaware	NIST / Enhancing Community Resilience to Hurricanes Through Incentivized Stakeholder Retrofit and Insurance Actions in the Context of Climate Change	\$844,966	\$0	\$0			
64	2016-10-01-68	HE/University of Delaware	Assessing and Projecting Multi-scale Impacts of Human Activity and Climate Change on Ecosystem Dynamics Through the Land-Ocean Continuum in the Southeastern U.S. and Gulf of Mexico	\$0	\$0	\$208,293			
65	2016-10-01-69	HE/University of Delaware	Preparing and Sequencing Reduced Representation Genomic Libraries Using Next-Generation Sequencing Technology	\$4,545	\$0	\$0			
66	2016-10-01-70	HE/University of Delaware	Mechanistic Interrogation of the Interfacial Dynamics of Bismuth-Based Electrocatalysts for Reduction of CO2	\$0	\$0	\$79,360			
67	2016-10-01-71	HE/University of Delaware	Fluctuating-Moment Effects in the Solar Wind	\$0	\$0	\$69,347			
68	2016-10-01-72	HE/University of Delaware	Correlation Between Track Geometry Defects and Tie Condition	\$0	\$0	\$34,179			
69	2016-10-01-73	HE/University of Delaware	Inhibiting Fear Circuitry Via a Stimulus Presentation Protocol	\$750,000	\$0	\$0			
70	2016-10-01-74	HE/University of Delaware	Dairy Anyone? Don't Fear Fat	\$0	\$0	\$381,546			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
71	2016-10-01-75	HE/University of Delaware	Acquisition of Goods and Services: Conducting Research on Biological Control of Invasive Insect Pests, Including Brown Marmorated Stink Bugs	\$36,364	\$0	\$0			
72	2016-10-01-76	HE/University of Delaware	Optical Fibers Based Photoreactor: Efficient One-Step Treatment and Disinfection of Drinking Water	\$0	\$0	\$131,752			
73	2016-10-01-77	HE/University of Delaware	Can You Reduce Body Image Concerns in Females, Thereby Reducing Risk of Obesity and Eating Disorders?	\$0	\$0	\$8,500			
74	2016-10-01-78	HE/University of Delaware	Nanoporous Non-precious Metal-based Catalysts for Hydrogen Production	\$223,947	\$0	\$0			
75	2016-10-01-79	HE/University of Delaware	SusChEM: Polymerizations with Elemental Sulfur via Nucleophilic Activation with Amines and Self-Activating Comonomers	\$0	\$0	\$49,484			
76	2016-10-01-80	HE/University of Delaware	Assessment of Natural Radium Contamination of Irrigation Water, Soil, and Agricultural Produce in the Western Desert of Egypt	\$0	\$0	\$131,714			
77	2016-10-01-81	HE/University of Delaware	UNDERTHESEA: UNDERwater Tropical & polar Habitability Experiments as a Space Exploration Analog	\$154,652	\$0	\$0			
78	2016-10-01-82	HE/University of Delaware	Appetite Regulation and Food Intake: Novel Mechanisms Linking Social Stress to Cardiovascular Risk	\$2,207,155	\$0	\$0			
79	2016-10-01-83	HE/University of Delaware	A Multiscale Approach to Understanding Migratory Land Bird Habitat Use of Functional Stopover Habitat Types and Management Efforts	\$0	\$0	\$127,887			
80	2016-10-01-84	HE/University of Delaware	Estimating Evapotranspiration Using Landsat Ddata and Eddy Covariance Station in Delaware	\$0	\$0	\$4,348			
81	2016-10-01-85	HE/University of Delaware	AOI (3): Electrochemical Conversion of Carbon Dioxide to Alcohols	\$576,894	\$0	\$0			
82	2016-10-01-86	HE/University of Delaware	Simons Numerical Analysis and Simulation of Wave Propagation in Elastic Media	\$0	\$0	\$39,865			
83	2016-10-01-87	HE/University of Delaware	Exoskeletal Garments to Improve Function for Children With Movement Impairments	\$1,907,840	\$0	\$0			
84	2016-10-01-88	HE/University of Delaware	Department of Mechanical Engineering's Senior Design Project: Engineering and Development of a Low Cost Vehicle Wash Station Plan for Small Producers	\$9,545	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
85	2016-10-01-89	HE/University of Delaware	EAGER: TDM Solar Cells: Monolithic Tandem Structure Based on a Vapor Transport Deposited Perovskite Top Cell and a Silicon Heterojunction Bottom Cell	\$195,721	\$0	\$0			
86	2016-10-01-90	HE/University of Delaware	Enantioselective Metal-Catalyzed Alkynylations of Oxocarbenium and Iminium Ions	\$354,571	\$0	\$0			
87	2016-10-01-91	HE/University of Delaware	Regulation of TGF Bioavailability in Lens	\$0	\$0	\$2,500			
88	2016-10-01-92	HE/University of Delaware	Simons Normal Forms and Combinatorics	\$0	\$0	\$50,342			
89	2016-10-01-93	HE/University of Delaware	Patient- and Family-Centered Interpretation of Outcome Measures for Persons with Neurogenic Communication Disorders	\$0	\$0	\$450,000			
90	2016-10-01-94	HE/University of Delaware	Supplement to R01 Titled: Osteocyte Mechanosensing in the Bone Lacunar-Canalicular System	\$187,137	\$0	\$0			
91	2016-10-01-95	HE/University of Delaware	Directly Testing the Magnocellular Theory of Dyslexia	\$1,250,000	\$0	\$0			
92	2016-10-01-96	HE/University of Delaware	The Role of Polycomb Repression Complexes in Herpesvirus-mediated Lymphomagenesis	\$250,000	\$0	\$0			
93	2016-10-01-97	HE/University of Delaware	Modeling and Control of Glycosylation	\$0	\$0	\$190,868			
94	2016-10-01-98	HE/University of Delaware	Collaborative Research: SusChem: Direct Jet Fuel Production from Aquathermolysis of Waste Triglycerides	\$0	\$0	\$80,129			
95	2016-10-01-99	HE/University of Delaware	Grow, Lead, Succeed: Accelerating Academic and Career Success for Underrepresented Students in Agriculture and Natural Resources	\$200,000	\$0	\$0			
96	2016-10-02-01	HE/University of Delaware	GUI Data-Browser for the Wind Spacecraft's PESA Instruments	\$33,162	\$0	\$0			
97	2016-10-02-02	HE/University of Delaware	Metal-Free Functionalization of Electron Rich Aromatic Systems: Ortho-Quinone Methides, Aza-ortho-Xylylenes, and N,N-Dialkylaniline N-Oxides in Synthesis	\$457,707	\$0	\$0			
98	2016-10-02-03	HE/University of Delaware	Pain and Motor Learning	\$1,958,626	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
99	2016-10-02-04	HE/University of Delaware	Irex Mandela Washington Fellowship For Young African Leaders	\$0	\$0	\$118,485			
100	2016-10-02-05	HE/University of Delaware	In-field Detection of Plant Diseases on Fruit and Vegetable Crops Using Hand-Held Spectrometers	\$0	\$0	\$16,313			
101	2016-10-02-06	HE/University of Delaware	NSF A Polynomial-Based Theory for Projective Planes of Prime-Power Order	\$221,993	\$0	\$0			
102	2016-10-02-07	HE/University of Delaware	High Speed InAs MOSFETs on Silicon for Next Generation 60 GHz Wireless Network	\$0	\$0	\$98,806			
103	2016-10-02-08	HE/University of Delaware	PADE Nemours Health and Prevention Services 16/17 Partner Organization	\$0	\$0	\$15,800			
104	2016-10-02-09	HE/University of Delaware	NSF Study of Spatial Graph Processes Via Graph Limits	\$127,935	\$0	\$0			
105	2016-10-02-10	HE/University of Delaware	ARO Short Term Innovative Research (STIR) 3D Printing of Metal Oxide Framework (MOF) Materials Mirotznik	\$19,231	\$0	\$0			
106	2016-10-02-11	HE/University of Delaware	Resourcing Energy Transitions: Harnessing the Power of Microgrids	\$0	\$0	\$89,930,435			
107	2016-10-02-12	HE/University of Delaware	PADE Forum to Advance Minorities in Engineering 16/17 Partner Organization	\$0	\$0	\$13,800			
108	2016-10-02-13	HE/University of Delaware	PADE First State Community Action Agency 16/17 Partner Organization	\$0	\$0	\$15,800			
109	2016-10-02-14	HE/University of Delaware	PADE Summer Learning Collaborative 16/17 Partner Organization	\$0	\$0	\$12,000			
110	2016-10-02-15	HE/University of Delaware	PADE Connecting Generations 16/17 Partner Organization	\$0	\$0	\$13,800			
111	2016-10-02-16	HE/University of Delaware	Collaborative Research: Understanding the Fundamentals of Conductive Carbon Nanotube Binders for Battery Applications	\$168,417	\$0	\$0			
112	2016-10-02-17	HE/University of Delaware	Collaborative Research: Exploring New Design Principles of Capacitors by Tuning Graphene Oxide Structures	\$238,395	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
113	2016-10-02-18	HE/University of Delaware	NSF Collaborative Research: Entrywise Positivity Preservers	\$87,941	\$0	\$0			
114	2016-10-02-19	HE/University of Delaware	Non-invasive, Vertical-Flow, Paper-Based Cancer Biomarkers Detection Using Universal Protein Multi-Functional Outer Membrane Vesicles Platforms	\$0	\$0	\$135,000			
115	2016-10-02-20	HE/University of Delaware	Does a Produce Prescription Program (FVRx) Reduce the BMI of Low-Income Children?	\$2,722,415	\$0	\$0			
116	2016-10-02-21	HE/University of Delaware	PADE Kingwood Community Center 2 16/17 Partner Organization	\$0	\$0	\$10,000			
117	2016-10-02-22	HE/University of Delaware	An Integrated Pest Management Approach in Addressing the Multiple Herbicide-Resistant Weed Epidemic in U.S. Field Crop Production (Delaware)	\$39,000	\$0	\$0			
118	2016-10-02-23	HE/University of Delaware	Continued Mapping of Bird Migration Stopover Sites in Canada	\$0	\$0	\$12,961			
119	2016-10-02-24	HE/University of Delaware	Sussex County Appropriation for Ag Exp Station Research - Fiscal Year 2017 Budget	\$0	\$0	\$41,455			
120	2016-10-02-25	HE/University of Delaware	Sussex County Appropriation for Sussex Extension - Fiscal year 2017 Budget	\$0	\$0	\$27,594			
121	2016-10-02-26	HE/University of Delaware	Sussex County Appropriation for Sussex Internship - Fiscal year 2017 Budget	\$0	\$0	\$10,000			
122	2016-10-02-27	HE/University of Delaware	PADE West Side Grows Together 1 16/17 Partner Organization	\$0	\$0	\$12,000			
123	2016-10-02-28	HE/University of Delaware	PADE West Side Grows Together 2 16/17 Partner Organization	\$0	\$0	\$12,000			
124	2015-09-05-84 Amendment	HE/Delaware State University	Student Aid and Fiscal Responsibility Act Grant	\$3,485,328	\$0	\$0			
125	2015-08-02-13 Amendment	HE/Delaware State University	Strengthening Historically Black Colleges and Universities	\$2,502,723	\$0	\$0			
126	2014-05-31-05 Amendment	HE/Delaware State University	Historically Black Graduate Institutes	\$844,372	\$0	\$0			

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<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Funding</i>			<i>Positions</i>		
				<i>Federal</i>	<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>
127	2016-10-01-01	HE/Delaware State University	Check the Rock	\$0	\$0	\$7,452			
128	2016-10-01-02	HE/Delaware State University	Chesapeake Biomass (Cbio) Feedstock Development	\$446,235	\$0	\$0			
129	2016-10-01-03	HE/Delaware State University	Biochemical, Molecular and Ecophysiological Responses Due to Environmental Stresses in Urban Forest Tree Species	\$150,882	\$0	\$0			
130	2016-10-01-04	HE/Delaware State University	Heath Fund Application FY18	\$95,600	\$0	\$0			
131	2927	HE/Delaware Technical and Community College	Federal Pell Grant	\$22,094,918	\$0	\$0			
132	2933	HE/Delaware Technical and Community College	The Upward Bound Math and Science Program	\$282,116	\$0	\$0			
133	2938	HE/Delaware Technical and Community College	Federal Direct Student Loan Program	\$9,753,000	\$0	\$0			
134	2976	HE/Delaware Technical and Community College	Upward Bound	\$347,154	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
<b>New Business</b>									
1	<a href="#">2970</a>	Executive, Criminal Justice, Criminal Justice Council	Adult Drug Court Program	\$300,000	\$100,000	\$0	0.00	0.00	0.00
2	<a href="#">2971</a>	Executive, Criminal Justice, Criminal Justice Council	Second Chance Act Juvenile Statewide Reentry Initiative	\$833,736	\$805,482	\$28,254	0.00	0.00	0.00
3	<a href="#">2972</a>	Executive, Criminal Justice, Criminal Justice Council	Implementation of Smart Juvenile Justice: Enhancing Youth Access to Justice State Reform	\$741,847	\$83,333	\$0	0.18	0.00	0.00
4	<a href="#">2973</a>	Executive, Criminal Justice, Criminal Justice Council	Juvenile Justice Statewide Reform Planning	\$255,118	\$0	\$0	0.15	0.00	0.00
5	<a href="#">2016-10-26-01</a>	Legal, Office of Attorney General	Organized Crime Drug Enforcement Task Forces	\$11,076	\$0	\$0	0.00	0.00	0.00
6	<a href="#">2918</a>	Department of Health and Social Services, State Service Centers	Foster Grandparent Program	\$521,472	\$791,378	\$0	0.50	5.50	0.00
7	<a href="#">2964</a>	Department of Health and Social Services, Public Health, Community Health	Hepatitis C Increased Testing and Diagnosis	\$94,500	\$88,658	\$0	0.00	1.00	0.00
8	<a href="#">2994</a>	<del>Department of Services for Children, Youth and Their Families, Prevention and Behavioral Health Services</del>	<del>Transformation Transfer Initiative</del>	<del>\$220,000</del>	<del>\$0</del>	<del>\$0</del>	<del>0.00</del>	<del>0.00</del>	<del>0.00</del>
9	<a href="#">2940</a>	Department of Education	Early Head Start Expansion	\$1,328,400	\$332,100	\$0	2.00	0.00	0.00
<b>Continued</b>									
10	<a href="#">2904</a>	Executive, Criminal Justice, Criminal Justice Council	Family Violence Prevention and Services Act	\$802,069	\$10,081	\$190,495	0.50	0.10	0.00
11	<a href="#">2905</a>	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Act - Victims Assistance	\$6,874,658	\$90,017	\$1,542,714	1.80	0.00	0.00
12	<a href="#">2946</a>	Executive, Criminal Justice, Criminal Justice Council	Services - Training - Officers - Prosecutors, Violence Against Women Formula Grant	\$943,114	\$96,559	\$103,609	0.50	0.30	0.00
13	<a href="#">2952</a>	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$66,429	\$22,143	\$0	0.00	0.04	0.00
14	<a href="#">2956</a>	Executive, Criminal Justice, Criminal Justice Council	Edward Byrne Memorial Justice Assistance Grant	\$926,057	\$51,160	\$0	0.80	0.00	0.00
15	<a href="#">2957</a>	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act - Coverdell	\$71,530	\$0	\$0	0.00	0.00	0.00
16	<a href="#">2974</a>	Executive, Criminal Justice, Criminal Justice Council	Children's Justice Act	\$88,789	\$0	\$0	0.00	0.00	0.00
17	<a href="#">2928</a>	Department of State, Human Relations/Commission for Women	Fair Housing Assistance Program	\$122,840	\$0	\$0	1.00	0.00	0.00

New Business requires the attendance of the Contact Person.

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

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
18	<a href="#">2948</a>	Department of State, Historical and Cultural Affairs, Office of the Director	Historic Preservation Grants-in-Aid	\$528,259	\$405,982	\$0	5.40	4.50	0.00
19	<a href="#">2949</a>	Department of State, Historical and Cultural Affairs, Office of the Director	Maritime Heritage Grant	\$254,415	\$0	\$0	0.00	0.00	0.00
20	<a href="#">2016-09-09-01</a>	Department of State, Regulation and Licensing, Public Service Commission	Natural Gas Pipeline Safety Base Grant	\$61,369	\$208,808	\$0	0.50	1.87	0.00
21	<a href="#">2740</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Title III, Part B - Supportive Services	\$1,758,443	\$2,224,520	\$0	12.75	18.25	0.00
22	<a href="#">2795</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Children's Health Insurance Program	\$32,078,376	\$8,609,317	\$0	0.83	0.84	0.00
23	<a href="#">2917</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Vocational Rehabilitation - Blind (Basic Support)	\$1,455,127	\$393,827	\$0	17.00	3.00	0.00
24	<a href="#">2920</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Supported Employment Services	\$42,000	\$2,333	\$0	0.00	0.00	0.00
25	<a href="#">2923</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Independent Living Services for Older Individuals Who Are Blind	\$225,000	\$33,982	\$0	2.80	0.40	0.00
26	<a href="#">2958</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program Process and Technology Improvement Grant	\$667,618	\$0	\$0	0.00	0.00	0.00
27	<a href="#">2959</a>	Department of Health and Social Services, Public Health, Community Health	Tuberculosis Elimination Program	\$172,636	\$0	\$0	2.05	0.00	0.00
28	<a href="#">2960</a>	Department of Health and Social Services, Public Health, Community Health	HIV Prevention	\$912,288	\$0	\$0	3.35	0.00	0.00
29	<a href="#">2962</a>	Department of Health and Social Services, Public Health, Community Health	HIV/AIDS Surveillance	\$286,479	\$0	\$0	3.50	0.00	0.00
30	<a href="#">2963</a>	Department of Health and Social Services, Public Health, Community Health	Improving Sexually Transmitted Disease Programs through Assessment, Assurance, Policy Development and Prevention Strategies	\$367,279	\$1,181,221	\$0	3.00	14.60	0.00
31	<a href="#">2967</a>	Department of Health and Social Services, Public Health, Community Health	Clinical Laboratory Improvement Amendments	\$42,026	\$0	\$0	0.60	0.00	0.00
32	<a href="#">2968</a>	Department of Health and Social Services, Public Health, Community Health	State Systems Development Initiative	\$100,000	\$0	\$0	0.00	0.00	0.00
33	<a href="#">2925</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Nonpoint Source Implementation Grant - Section 319	\$1,164,706	\$475,666	\$300,805	4.00	2.00	0.00
34	<a href="#">2931</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Recreational Boating Safety Financial Assistance	\$846,782	\$846,782	\$0	8.20	9.80	0.00
35	<a href="#">2932</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Anadromous Species Investigations	\$247,227	\$82,409	\$0	2.67	0.01	0.00
36	<a href="#">2935</a>	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	0.07	0.00
37	<a href="#">2937</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Fisheries Management Program	\$41,820	\$13,940	\$0	0.43	0.07	0.00

New Business requires the attendance of the Contact Person.

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
38	<a href="#">2966</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Local Cooperation Agreement - Delaware Coast Protection Project	\$142,626	\$207,334	\$0	0.10	0.15	0.00
39	<a href="#">2866</a>	Department of Safety and Homeland Security, Office of the Secretary, Division of Forensic Science	DNA Backlog Reduction Program	\$325,585	\$0	\$0	0.00	0.00	0.00
40	<a href="#">2934</a>	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Instant Criminal Background Check System Act - Record Improvement Program	\$72,000	\$0	\$0	0.00	0.00	0.00
41	<a href="#">2947</a>	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Criminal History Improvement Program	\$83,000	\$9,222	\$0	0.00	0.00	0.00
42	<a href="#">2929</a>	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	\$526,822	\$0	\$0	8.50	0.00	0.00
43	<a href="#">2942</a>	Department of Labor, Employment Training, Employment and Training Services	Work Opportunity Tax Credit	\$66,000	\$0	\$0	1.00	0.00	0.00
44	<a href="#">2943</a>	Department of Labor, Employment Training, Employment and Training Services	Labor Certification for Foreign Workers	\$104,573	\$0	\$0	1.00	0.00	0.00
45	<a href="#">2936</a>	Department of Education	Head Start Collaboration	\$125,000	\$25,000	\$0	0.75	0.00	0.00
<b>Higher Education</b>									
1	2016-11-05-01	HE/University of Delaware	DNA-Linked ECM Gels For Enhanced Healing in Chronic Wounds	\$128,205	\$0	\$0			
2	2016-11-05-02	HE/University of Delaware	Effect of Treatment Duration on Recovery From Achilles Tendinopathy: Is Three Months Really Enough?	\$1,880,024	\$0	\$0			
3	2016-11-05-03	HE/University of Delaware	Dual Effect of Vitamin D3 Metabolites on Osteoblasts	\$1,250,000	\$0	\$0			
4	2016-11-05-04	HE/University of Delaware	Impact of Botulinum Toxin and Vibration on Muscle Quality and Physical Activity in Children with Cerebral Palsy	\$2,474,807	\$0	\$0			
5	2016-11-05-05	HE/University of Delaware	Lego Foundation Cross-cultural Pilot Project	\$0	\$0	\$1,500			
6	2016-11-05-06	HE/University of Delaware	Evaluating the Nesting Ecology of American Black Duck in Coastal North Carolina with Implications in Future Sea Level Rise Scenarios	\$0	\$0	\$32,420			
7	2016-11-05-07	HE/University of Delaware	Quantifying Wintering Mid-Atlantic Black Duck Occupancy Dynamics as a Function of Landscape Composition	\$0	\$0	\$32,107			
8	2016-11-05-08	HE/University of Delaware	Understanding Protease Expression and Activity in Mammalian Cell Culture	\$0	\$0	\$169,872			

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Item	SA#	Applicant	Project Title	Funding			Positions		
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9	2016-11-05-09	HE/University of Delaware	High Throughput Manufacturing of Biodegradable Polymer Nanofibers Using an AFM Tip Array and a Roll-to-Roll Collection System	\$133,158	\$0	\$0			
10	2016-11-05-10	HE/University of Delaware	Treatment of Stress-Related Psychopathology: Targeting Maladaptive and Adaptive Event Processing	\$0	\$0	\$676,392			
11	2016-11-05-11	HE/University of Delaware	Consequences and Control of Randomness in Timing of Intracellular Events	\$1,081,875	\$0	\$0			
12	2016-11-05-12	HE/University of Delaware	Next Generation PhD Training in African American Public Humanities at the University of Delaware	\$0	\$0	\$300,000			
13	2016-11-05-13	HE/University of Delaware	NSF Collaborative Research: Multi-Perspective Evacuation Performance Measurement REU	\$8,000	\$0	\$0			
14	2016-11-05-14	HE/University of Delaware	A Novel Physical Therapist Delivered Physical Activity Intervention After TKR: A Pilot Study	\$275,000	\$0	\$0			
15	2016-11-05-15	HE/University of Delaware	Multicenter Career Development Program for Physical and Occupational Therapy	\$0	\$0	\$200,761			
16	2016-11-05-16	HE/University of Delaware	2017 Proposal for Special Initiative on Offshore Wind	\$0	\$0	\$454,546			
17	2016-11-05-17	HE/University of Delaware	Translational Research in Novel Carbon Nanotube-Based Sensors for Process and Structural Health Monitoring	\$128,205	\$0	\$0			
18	2016-11-05-18	HE/University of Delaware	Collaborative Research: Synthesis, Structural Characterization and Electrochemical Studies of Framework Substituted Silicon, Germanium and Tin Clathrates	\$200,969	\$0	\$0			
19	2016-11-05-19	HE/University of Delaware	Role of Anti-Androgenic EDCs in Fetal Gubernaculum Morphogenesis	\$0	\$0	\$52,824			
20	2016-11-05-20	HE/University of Delaware	Propose and Plan SCASS for the Year, Including Meetings and Policy Papers Following Each Meeting	\$0	\$0	\$31,496			
21	2016-11-05-21	HE/University of Delaware	A Study to Assess the Effect of Tow Duration and Estimate Dredge Efficiency for the Virginia Institute of Marine Science's Sea Scallop Dredge Survey	\$0	\$0	\$130,428			
22	2016-11-05-22	HE/University of Delaware	A Study of Incidental Mortality in Sea Scallops Investigating Predator Response and Size Selective Rates Of Mortality From BACI Image Surveys	\$380,047	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
23	2016-11-05-23	HE/University of Delaware	Next Generation High Resolution mm-Wave SAR Imaging for Automotive Application	\$0	\$0	\$100,161			
24	2016-11-05-24	HE/University of Delaware	Studies on Biology and Natural Enemies of Spotted Lantern Fly	\$77,638	\$0	\$0			
25	2016-11-05-25	HE/University of Delaware	Effects of Coastal Pollution on Chemically-Mediated Recruitment and Resilience	\$0	\$0	\$9,147			
26	2016-11-05-26	HE/University of Delaware	Proposal for Special Initiative on Offshore Wind	\$0	\$0	\$29,734			
27	2016-11-05-27	HE/University of Delaware	Impact of the Philadelphia Soda Tax on Prices, Purchase and Consumption of Sugar Sweetened Beverages	\$0	\$0	\$195,541			
28	2016-11-05-28	HE/University of Delaware	Profiles and Progress in Spanish English Bilinguals with Language Impairment: Development of a Criterion Reference Measure	\$0	\$0	\$387,350			
29	2016-11-05-29	HE/University of Delaware	Early Career: Transforming Earth Science Research Through Acquisition of a Laser Ablation-ICP-MS and Integration with Existing ICP-MS Capabilities at the University of Delaware	\$669,877	\$0	\$0			
30	2016-11-05-30	HE/University of Delaware	NeTS: Medium: Collaborative Research: In-Band Full-Duplex Underwater Acoustic Networks	\$499,925	\$0	\$0			
31	2016-11-05-31	HE/University of Delaware	Modular Manufacturing Workshop	\$34,990	\$0	\$0			
32	2016-11-05-32	HE/University of Delaware	Hippocampal-Prefrontal Synchrony in Working Memory	\$87,623	\$0	\$0			
33	2016-11-05-33	HE/University of Delaware	Optically Fed Phased Array Technology for Next Generation 60 GHz Wireless Networks	\$0	\$0	\$98,427			
34	2016-11-05-34	HE/University of Delaware	NeuroNex Technology Hub: Brain MechaNex -- Enabling High-Resolution MR Elastography in Neuroscience	\$0	\$0	\$1,231,912			
35	2016-11-05-35	HE/University of Delaware	Shelf-Basin Exchange near 79N Glacier and Zachariae Isstrøm, North-East Greenland	\$315,996	\$0	\$0			
36	2016-11-05-36	HE/University of Delaware	Mobile-Based Reinforcement for Indicated FASD Prevention in South Africa	\$467,641	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
37	2016-11-05-37	HE/University of Delaware	Measuring fNIRS-Based Functional Connectivity in Cortical Networks of Infants Below Two Years of Age	\$275,000	\$0	\$0			
38	2016-11-05-38	HE/University of Delaware	Visual-Inertial Navigation and Mapping	\$0	\$0	\$98,418			
39	2016-11-05-39	HE/University of Delaware	UNC-Greensboro & NC Division of Child Development and Early Education	\$0	\$0	\$6,824			
40	2016-11-05-40	HE/University of Delaware	BBN/ARL NS CTA #13765 PY 8 and 9 Cotton	\$0	\$0	\$37,832			
41	2016-11-05-41	HE/University of Delaware	Collaborative Research: Rapid Label-Free Screening of Thermostabilized GPC	\$152,095	\$0	\$0			
42	2016-11-05-42	HE/University of Delaware	Understanding Molecular Driving Forces to Tailor Macromolecular Materials with Dual-Thermoresponsive Behavior	\$266,244	\$0	\$0			
43	2016-11-05-43	HE/University of Delaware	Collaborative Research: MSB-FRA: Integrating Major North American Forest Cover Types with MacroSystem-scale Canopy Ecohydrological Processes	\$514,754	\$0	\$0			
44	2016-11-05-44	HE/University of Delaware	Hybrid Bio-Nanoparticles for Targeted Cargo Delivery to Stem Cells	\$398,297	\$0	\$0			
45	2016-11-05-45	HE/University of Delaware	Longitudinal Study on the Interactions of Nutrition and the Microbiome in Infants: Functional Effects on the Guanylyl Cyclase C Satiety Pathway	\$0	\$0	\$16,780			
46	2016-11-05-46	HE/University of Delaware	Integrating Mobile and Wearable Technology to Promote Physical Activity and Sleep among Midlife Adults: The Be SMART for Heart Health Trial	\$285,050	\$0	\$0			
47	2016-11-05-47	HE/University of Delaware	Therapeutic Intervention and Prefrontal Cortex Plasticity in FASD Animal Model	\$1,550,134	\$0	\$0			
48	2016-11-05-48	HE/University of Delaware	CUAHSI Pathfinder Graduate Student Fellowships 2016-2017	\$0	\$0	\$5,000			
49	2016-11-05-49	HE/University of Delaware	NOAA NWS National Mesonet	\$0	\$0	\$12,238			
50	2016-11-05-50	HE/University of Delaware	A Novel Process for Electrochemical Reduction of CO2 to C2/C3 Products	\$202,589	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
51	2016-11-05-51	HE/University of Delaware	Cell-Culture Engineering: From Stem Cells to Functional Extracellular Vesicles	\$396,903	\$0	\$0			
52	2016-11-05-52	HE/University of Delaware	Collaborative Research: Injectable Solid Beta-Hairpin Hydrogels for 3-D in Vitro Mimic of the Outer Cerebellum	\$306,619	\$0	\$0			
53	2016-11-05-53	HE/University of Delaware	Collaborative Research: GEM: The Condition, Stability & Interaction of Solitary Reconnection X-Lines in Earth's Magnetotail	\$26,133	\$0	\$0			
54	2016-11-05-54	HE/University of Delaware	SHF: Large: Collaborative Research: High Performance Computing Meets Data Analytics: Next Generation Molecular Dynamics Workflows	\$526,473	\$0	\$0			
55	2016-11-05-55	HE/University of Delaware	Chip Design/Air Force HDILED Service Agreement Phase 3, \$20k Increment-KIAMILEV	\$0	\$0	\$20,000			
56	2016-11-05-56	HE/University of Delaware	Perform Ammonia Mass Flow Measurement for Matching Broiler Poultry Grow Houses, Located Near Frankford, Delaware	\$0	\$0	\$5,453			
57	2016-11-05-57	HE/University of Delaware	Sony Focused Research Award in Next Generation Novel Display Systems Topic Area, Arce	\$0	\$0	\$115,897			
58	2016-11-05-58	HE/University of Delaware	Malware Analysis for the Generation of Important Characteristics (MAGIC)	\$0	\$0	\$121,830			
59	2016-11-05-59	HE/University of Delaware	Targeted Neuromuscular Training to Improve Function After Hip Arthroscopy: An Exploratory Trial	\$0	\$0	\$19,104			
60	2016-11-05-60	HE/University of Delaware	Microbial Community Structure and Function of Hydrocarbon Reservoirs and Associated Seeps through Metagenomics	\$0	\$0	\$96,154			
61	2016-11-05-61	HE/University of Delaware	Engineering the Methanol Homologation Reaction for Chemicals and Fuel Production	\$215,250	\$0	\$0			
62	2016-11-05-62	HE/University of Delaware	MSB-FRA: Near Real-Time Ecological Risk Modeling (NRTERM): Predicting Emergent Macro-Scale Responses of Ecosystems To Global Change Using Interactive Bird-Environment Dynamics	\$240,840	\$0	\$0			
63	2016-11-05-63	HE/University of Delaware	Collaborative Research: The Relationship of Cascade, Reconnection, & Heating in Heliospheric Plasma Turbulence	\$321,165	\$0	\$0			
64	2016-11-05-64	HE/University of Delaware	Fate of Cadmium Under Engineered Physico-Chemical Gradients in the Soil-Water-Rice Nexus	\$173,496	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
65	2016-11-05-65	HE/University of Delaware	Promoting Small Business Support of Youth Physical Activity in Low-Income, Minority Neighborhoods	\$275,000	\$0	\$0			
66	2016-11-05-66	HE/University of Delaware	Persistent Endothelial Dysfunction in Women with Pre-Eclampsia	\$0	\$0	\$30,000			
67	2016-11-05-67	HE/University of Delaware	Estimating Spring Atlantic Sturgeon Spawning Runs in the Delaware and Hudson Rivers	\$140,978	\$0	\$0			
68	2016-11-05-68	HE/University of Delaware	DASL will Provide Cornerstone Christian Academy (Through Elwyn and the School District of Philadelphia) with 8 days of In-Classroom Coaching on Responsive Classroom	\$0	\$0	\$4,512			
69	2016-11-05-69	HE/University of Delaware	Predicting Heterogeneous Neurodevelopmental Outcomes in School-aged Children with Early Caregiving Adversities	\$0	\$0	\$53,065			
70	2016-11-05-70	HE/University of Delaware	SHF: Medium: Collaborative Research: Modular Verification of Scientific Programs	\$336,416	\$0	\$0			
71	2016-11-05-71	HE/University of Delaware	Collaborative Research: Effects of Finite-Size Solid Particles on Flow Transition and Turbulence in a Circular Pipe	\$152,366	\$0	\$0			
72	2016-11-05-72	HE/University of Delaware	Biomimic Electrocatalysts for Dinitrogen Reduction Under Near Ambient Conditions	\$199,359	\$0	\$0			
73	2016-11-05-73	HE/University of Delaware	Collaborative Research: GOALI: Mechanistic Design Strategies to Mediate Aggregation of Therapeutic Proteins	\$227,461	\$0	\$0			
74	2016-11-05-74	HE/University of Delaware	Understanding Chemical Cues in Settlement Site Selection on Coral Reefs Could Lead to More Effective Marine Management	\$0	\$0	\$1,009,906			
75	2016-11-05-75	HE/University of Delaware	Development, Validation, and Implementation of a Tissue Engineered, In Vitro Microstroke Model	\$402,523	\$0	\$0			
76	2016-11-05-76	HE/University of Delaware	Measuring the Impact of Healthy Food Marketing Strategies in Low Income Supermarkets to Examine the Ultimate Impact on Unhealthy Food Choices and Overeating	\$0	\$0	\$20,878			
77	2016-11-05-77	HE/University of Delaware	Exploiting Heterogeneity to Develop Multisize Alloy Quantum Dot Photovoltaics	\$205,369	\$0	\$0			
78	2016-11-05-78	HE/University of Delaware	Multiscale and Thermodynamically Consistent Modeling of Thixotropic Suspensions	\$197,713	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
79	2016-11-05-79	HE/University of Delaware	Self-healing Composite Membranes with Time-Controlled Release of Free Radical Scavengers for Fuel Cell Applications	\$293,839	\$0	\$0			
80	2016-11-05-80	HE/University of Delaware	NSF Entropy Inequalities for Structured Functions CCF Medium	\$620,129	\$0	\$0			
81	2016-11-05-81	HE/University of Delaware	Responsive and Tunable Immunotherapies for Patient-Specific Treatment Regimens	\$280,202	\$0	\$0			
82	2016-11-05-82	HE/University of Delaware	Multiscale Plenoptic Imaging and Direct Computation of Turbulent Channel Flows Laden with Finite Size Solid Particles	\$203,835	\$0	\$0			
83	2016-11-05-83	HE/University of Delaware	SHF:Medium:Collaborative Research:Hardware-Assisted Fine-Grain Multithreading	\$307,551	\$0	\$0			
84	2016-11-05-84	HE/University of Delaware	Activating Methane by Combining Dehydroaromatization with Chemical Looping	\$213,376	\$0	\$0			
85	2016-11-05-85	HE/University of Delaware	Technology Testbed for Finding and Characterizing Long-Term Underwater Aircraft Wreckage	\$0	\$0	\$327,812			
86	2016-11-05-86	HE/University of Delaware	Development of Fluorine NMR as a Versatile Probe of Structure and Chemical Environments in Proteins	\$359,812	\$0	\$0			
87	2016-11-05-87	HE/University of Delaware	Methane Storage and Activation with Porous Liquids	\$0	\$0	\$110,000			
88	2016-11-05-88	HE/University of Delaware	Experimental and Computational Investigation of Photooxidation and Reactive Oxygen Species Production of Polycyclic Aromatic Hydrocarbons	\$0	\$0	\$110,000			
89	2016-11-05-89	HE/University of Delaware	Nanocomposite Scalable Processing and Computational Engineering (N-SPACE) Institute	\$11,624,915	\$0	\$0			
90	2016-11-05-90	HE/University of Delaware	Modification to AASHTO Cross-Frame Analysis and Design	\$0	\$0	\$135,298			
91	2016-11-05-91	HE/University of Delaware	Controlled Flow to Produce New Materials for Fused Deposition Modeling	\$210,682	\$0	\$0			
92	2016-11-05-92	HE/University of Delaware	Astroparticle Physics with the VERITAS & CTA Gamma-Ray Observatories	\$486,122	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
93	2016-11-05-93	HE/University of Delaware	First-Passage Time Approach for Modeling Stochastic Timing Phenomenon Inside Single Cells	\$142,630	\$0	\$0			
94	2016-11-05-94	HE/University of Delaware	Impact of Diet Composition During Infancy on Energy Balance, Satiety and Growth	\$0	\$0	\$399,190			
95	2016-11-05-95	HE/University of Delaware	Perceptual Learning and Memory Consolidation in Adults With and Without Language Impairment	\$311,395	\$0	\$0			
96	2016-11-05-96	HE/University of Delaware	Thermophysical Property Characterization of Decomposing Aerospace Materials	\$0	\$0	\$25,710			
97	2016-11-05-97	HE/University of Delaware	Arctic Ocean Ecosystems - Applied Technology, Biological Interactions and Consequences in an Era of Abrupt Climate Change	\$0	\$0	\$36,835			
98	2016-11-05-98	HE/University of Delaware	Responses of Forest Breeding Bird to Hemlock Woolly Adelgid Outbreaks at Shenandoah National Park	\$12,000	\$0	\$0			
99	2016-11-05-99	HE/University of Delaware	Mapping the Materialome of Biomaterial Hydrogels	\$221,423	\$0	\$0			
100	2016-11-06-01	HE/University of Delaware	Dance Interventions for Children with Autism	\$48,071	\$0	\$0			
101	2016-11-06-02	HE/University of Delaware	Air Force/4-H Military Partnership and Outreach Support	\$0	\$0	\$18,182			
102	2016-11-06-03	HE/University of Delaware	Richenthal Foundation Support for Tartuffe Robbins 16-17	\$0	\$0	\$10,000			
103	2016-11-06-04	HE/University of Delaware	Stochastic Inference and Control of Complex Biological Networks	\$168,273	\$0	\$0			
104	2016-11-06-05	HE/University of Delaware	InP-Based Bismuth-Containing Semiconductors for Mid-Infrared Lasers	\$304,214	\$0	\$0			
105	2016-11-06-06	HE/University of Delaware	Anisotropic Spin Relaxation in Mesoscopic Metallic Channels	\$250,448	\$0	\$0			
106	2016-11-06-07	HE/University of Delaware	MURI: Unraveling the Biology, Chemistry and Nanoscience of Natural and Synthetic Melanins	\$0	\$0	\$753,292			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
107	2016-11-06-08	HE/University of Delaware	Development of Chemical Approaches for Decoding the Non-Canonical Polyubiquitin Chains	\$365,288	\$0	\$0			
108	2016-11-06-09	HE/University of Delaware	A Novel Physical Therapy Administered Physical Activity Intervention After TKR	\$421,708	\$0	\$0			
109	2016-11-06-10	HE/University of Delaware	Development of Image Analysis Algorithms for 3D Ice	\$0	\$0	\$66,499			
110	2016-11-06-11	HE/University of Delaware	Understanding the Predator Recognition Process Through Gut Microbial Community in Coral Reef Fishes	\$0	\$0	\$9,091			
111	2016-11-06-12	HE/University of Delaware	Application of Molecular Probes for Early Identification of ASR Damage in Concrete	\$0	\$0	\$48,331			
112	2016-11-06-13	HE/University of Delaware	Predicting Stress Effects on Quantum Confinement in Hybrid Van der Waals Heterostructures	\$205,369	\$0	\$0			
113	2016-11-06-14	HE/University of Delaware	Collaborative Research: Compact Sources and Detectors for Terahertz Pulses via 1.55µm Photoconductive Switches	\$283,533	\$0	\$0			
114	2016-11-06-15	HE/University of Delaware	Reversible Modification of Hydrogels With Functional Peptides via Light-Activated Sortase A ligation	\$313,366	\$0	\$0			
115	2016-11-06-16	HE/University of Delaware	Ultra-Efficient Computation of Electromagnetic Scattering with Entire Domain Basis Functions & Computational Conformal Geometry	\$296,037	\$0	\$0			
116	2016-11-06-17	HE/University of Delaware	Synthesis of Multimeric Proteins using Bioorthogonal Linker Chemistry	\$395,685	\$0	\$0			
117	2016-11-06-18	HE/University of Delaware	Collaborative Research: Supramolecular Assembly and Covalent Stabilization of Nonbiological Peptidic Structures	\$261,956	\$0	\$0			
118	2016-11-06-19	HE/University of Delaware	Biomimetic Acyltransferases: Intracellular Acyl Transfer Catalysts	\$374,856	\$0	\$0			
119	2016-11-06-20	HE/University of Delaware	Hydroxylation Dependent (Photo) Chemical Reactivity at Metal Oxide Interfaces	\$272,285	\$0	\$0			
120	2016-11-06-21	HE/University of Delaware	Connecting Particle Phase Chemistry With Airborne Nanoparticle Growth	\$355,839	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
121	2016-11-06-22	HE/University of Delaware	Collaborative Research: Chain-based Nanomaterials Based on Computationally Designed, Chemically Modified Biopolymers	\$263,456	\$0	\$0			
122	2016-11-06-23	HE/University of Delaware	Collaborative Proposal: Infews N/P/H2O: Supramolecular Recognition in the Biocatalytic Transformation of Organic Phosphorus-Containing Environmental Matrices	\$111,756	\$0	\$0			
123	2016-11-06-24	HE/University of Delaware	Collaborative Research: Thermal Transport in Organic-Inorganic Hybrid Perovskites	\$160,973	\$0	\$0			
124	2016-11-06-25	HE/University of Delaware	Total Knee Arthroplasty Outcomes in Older and Younger Patients	\$450,000	\$0	\$0			
125	2016-11-06-26	HE/University of Delaware	Measuring Expectations in Patients Awaiting Total Knee Replacement	\$0	\$0	\$12,000			
126	2016-11-06-27	HE/University of Delaware	Sunscreen Negatively Effects the Development and Survival of the Atlantic Horseshoe Crab, Limulus Polyphemus	\$0	\$0	\$5,000			
127	2016-11-06-28	HE/University of Delaware	Integration of Resonant Tunneling Diodes/High Electron Mobility Transistors and Resonant Tunneling Diodes/Heterojunction Bipolar Transistors for Circuit Applications	\$229,849	\$0	\$0			
128	2016-11-06-29	HE/University of Delaware	NSF Secure IoT Devices against Hardware Trojans Yang	\$298,005	\$0	\$0			
129	2016-11-06-30	HE/University of Delaware	Collaborative Research: Underwater Acoustic Communications Using Analog Joint Source-Channel Coding	\$255,650	\$0	\$0			
130	2016-11-06-31	HE/University of Delaware	100 GHz per Channel Silicon Photonic Network-on-Chip	\$214,752	\$0	\$0			
131	2016-11-06-32	HE/University of Delaware	Giant Surface Response Nanostructure with Large Wave Vector Plasmonic Resonances & Electrophoretic Capture Methods Based Sensing Platform for Proteins in Complex Media	\$604,744	\$0	\$0			
132	2016-11-06-33	HE/University of Delaware	Collaborative research: Tunable and Dynamic Peptide-Based Biomaterials Inspired by Nucleoporin Proteins	\$190,438	\$0	\$0			
133	2016-11-06-34	HE/University of Delaware	An Uncooled, High-Performance, Graphene Enables Optical Rectenna	\$0	\$0	\$45,654			
134	2016-11-06-35	HE/University of Delaware	PADE Communities in Schools 6/17 Partner Organization	\$0	\$0	\$10,000			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
135	2016-11-06-36	HE/University of Delaware	Support for Unexploded Ordnance Survey Methodology Investigation for Clearing Renewable Energy Sites on the Atlantic Outer Continental Shelf	\$0	\$0	\$44,264			
136	2016-11-06-37	HE/University of Delaware	Biasing Degradation and Source Tracking of Glyphosate in the Environment	\$0	\$0	\$248,081			
137	2016-11-06-38	HE/University of Delaware	An Equity Analysis of the Bikeshare Program in Baltimore	\$0	\$0	\$39,230			
138	2016-11-06-39	HE/University of Delaware	Planning Methodologies for Transportation System Preparedness and Resilience to Combined Storm Surge	\$0	\$0	\$68,487			
139	2016-11-06-40	HE/University of Delaware	Planning for Coastal Resilience: Planning to Fail or Failing to Plan	\$0	\$0	\$40,171			
140	2016-11-06-41	HE/University of Delaware	Removing Nitrate from Stormwater with Biochar Amendment to Roadway Soils	\$0	\$0	\$73,259			
141	2016-11-06-42	HE/University of Delaware	Deep Computing and Modeling of Turbulent Particle-Laden Flows on Scalable Heterogeneous Computers	\$199,388	\$0	\$0			
142	2016-11-06-43	HE/University of Delaware	Unlocking the Black Box of Microbial Epigenetics	\$0	\$0	\$1,000,000			
143	2016-11-06-44	HE/University of Delaware	PEW Charitable Trusts Gleghorn 16	\$0	\$0	\$222,224			
144	2016-11-06-45	HE/University of Delaware	ECOHAB 2017: The Role of Nitric Oxide in Promoting Heterosigma Blooms	\$558,394	\$0	\$0			
145	2016-11-06-46	HE/University of Delaware	ECOHAB 2017: Expanding New Technologies to Determine the Life Cycle and Impact of Dinophysis Acuminata in Maryland's Coastal Bays	\$633,967	\$0	\$0			
146	2016-11-06-47	HE/University of Delaware	Characterization of Atlantic Sturgeon Spawning and Early Life History Requirements in the Hudson River Hyde Park Reach	\$0	\$0	\$47,957			
147	2016-11-06-48	HE/University of Delaware	Collaborative Research: New Developments in High-Dimensional Sufficient Dimension Reduction	\$110,798	\$0	\$0			
148	2016-11-06-49	HE/University of Delaware	Random Combinatorial Structures and Their Diffusive Limits	\$179,354	\$0	\$0			

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Item	SA#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
149	2016-11-06-50	HE/University of Delaware	Study of Chloroplast Stromules During PCD and Inter-Organellar Communication	\$0	\$0	\$784,837			
150	2016-11-06-51	HE/University of Delaware	Simons Investigator Award-Mokshay Madiman	\$0	\$0	\$550,000			
151	2016-11-06-52	HE/University of Delaware	Vascular Effects of Dietary Salt in Humans With Salt-Resistant BP	\$1,981,900	\$0	\$0			
152	2016-11-06-53	HE/University of Delaware	Modeling and Designing Optimal Electric Vehicle Charging Station Locations - The Four-Step Approach Towards Theory in Praxis	\$0	\$0	\$31,649			
153	2016-11-06-54	HE/Delaware State University	Delaware Center for Neuroscience Research- COBRE Phase II	\$11,034,838	\$0	\$680,045			
154	2016-11-06-55	HE/Delaware State University	A Multi Scale Differential Approach to Detection of Indoor-Outdoor Transitions for Autonomous Wheelchairs	\$287,473	\$0	\$0			
155	2016-11-06-56	HE/Delaware State University	Developing Baseline Population Statistics and Genetic Diversity Analysis to Assess Restoration Efforts of the Eastern Oyster Crassostrea Virginia in Delaware Inland Bays	\$10,000	\$0	\$0			
156	2016-11-06-57	HE/Delaware State University	GEOPATHS-IMPACT: Collaborative Links to Ocean Science and Earth Science Graduate Academic Programs (CLOSES-GAP)	\$14,880	\$0	\$0			
157	2016-11-06-58	HE/Delaware State University	Study of Cardiovascular Risk Factors in Ghana: Does Formal Education Play A Role In Risk Reduction	\$141,699	\$0	\$0			
158	2016-11-06-59	HE/Delaware State University	Regulation of Gene Expression by the CD-44-ICD Signaling Pathway	\$299,993	\$0	\$0			
159	2016-11-06-60	HE/Delaware State University	Synergistic Toxicities of Pesticide Combinations in Parkinson's disease models	\$146,000	\$0	\$0			
160	2016-11-06-61	HE/Delaware State University	RUI: Rapid Detection of Salmonella Typhimurium by Microfluidic Based Devices with Surface Enhanced Raman Spectroscopy	\$299,456	\$0	\$0			
161	2016-11-06-62	HE/Delaware State University	Estimation of Atlantic Sturgeon Spring Spawning Runs in the Delaware and Hudson Rivers	\$1,441,562	\$0	\$0			
162	2016-11-06-63	HE/Delaware State University	Small Business Development Center -Year 3	\$19,985	\$0	\$0			

**Delaware State Clearinghouse Committee  
Amended Agenda**

**November 29, 2016**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Funding</i>			<i>Positions</i>		
				<i>Federal</i>	<i>State</i>	<i>Other</i>	<i>Federal</i>	<i>State</i>	<i>Other</i>
163	2016-11-06-64	HE/Delaware State University	Investigations of the mechanism of the novel microtubule-targeting agent eribulin by opticle methods	\$414,343	\$0	\$0			
164	2016-11-06-65	HE/Delaware State University	Transgenic Accumulation & in Sita Activation of Lignolytic Peroxidases	\$306,740	\$0	\$0			
165	2016-11-06-66	HE/Delaware State University	Delaware State University-Promoting Engagement and Access in Science (DSU-PEAS)	\$1,000,000	\$0	\$0			
166	2016-11-06-67	HE/Delaware State University	Tuning Naturally-Occurring Pyrite Compositions toward a Paradigm Shift in Pyrite Optoelectronic Properties	\$299,587	\$0	\$0			
167	2016-11-06-68	HE/Delaware State University	EXTRA - Delaware State University Geoscience Apprentices Program	\$391,741	\$0	\$0			
168	2708	HE/Delaware Technical and Community College	Rural Business Development Grant	\$20,400	\$0	\$0			
169	2912	HE/Delaware Technical and Community College	DEMAP National Institute of Standards and Technology	\$500,000	\$0	\$0			
170	2999	HE/Delaware Technical and Community College	Upward Bound Classic Program	\$257,500	\$0	\$0			