

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
New Business									
1	2801	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	2819	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	2830	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
Deferred to future Clearinghouse meeting.									
4	2836	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
Deferred to future Clearinghouse meeting.									
5	2802	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	2805	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	2810	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	2834	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	2430 Amendment	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	2784	Department of Agriculture, Food Products Inspection	Produce Safety Rule	\$1,883,878	\$0	\$0	2.00	0.00	0.00
Continued									
11	2823	Legal, Office of Attorney General	Internet Crimes Against Children	\$245,642	\$0	\$0	2.00	0.00	0.00
12	2839	Legal, Office of Attorney General	Medicaid Fraud Unit	\$1,608,126	\$536,042	\$0	13.00	4.00	0.00
13	2779	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	2682	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	2799	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	2808	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	2809	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>

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
18	2812	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	2820	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	2837	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	2266 Amendment	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	2676	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	2731	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	2761	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	2782	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	2792	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	2793	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	2804	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	2806	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	2807	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	2811	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	2813	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	2817	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	2831	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	1813 Amendment	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	1838 Amendment 2	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	2029 Amendment	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.

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

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

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

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
58	2826	Delaware National Guard	Air National Guard Security Guard Agreement	\$1,257,800	\$0	\$0	21.00	0.00	0.00
59	2827	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	\$6,371,200	\$2,403,762	\$0	18.50	12.50	0.00
60	2796	Department of Education	National School Lunch Program - Equipment Assistance Grant	\$81,561	\$0	\$0	0.00	0.00	0.00
Higher Education									
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			

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
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			

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

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			

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
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			

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
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			

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
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			

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	Federal	State	Other
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**

August 30, 2016

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			

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Funding			Positions		
				Federal	State	Other	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			

**Delaware State Clearinghouse Committee
Amended Agenda**

August 30, 2016

Item	SAI#	Applicant	Project Title	Federal	Funding			Positions		
					State	Other	Federal	State	Other	
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				