

**Delaware State Clearinghouse Committee
Agenda**

April 26, 2016

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
New Business									
1	2612	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
Continued									
2	2615	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	2605	Department of State, Human Relations/Commission for Women	Fair Housing Assistance Program	\$99,500	\$0	\$0	1.00	0.00	0.00
4	2343	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	2346	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	2614	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	2016-02-05-01	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	2016-02-22-01	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	2603	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	2013-07-22-03 Amendment 3	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	2606	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	2607	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	2613	Department of Agriculture, Plant Industries	Farm Bill - Honey Bee Survey	\$12,120	\$0	\$0	0.00	0.00	0.00
Higher Education									
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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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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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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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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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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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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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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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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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			