

**Delaware State Clearinghouse Committee**  
**Revised Agenda**  
**January 29, 2015**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business</b>									
1	<a href="#">2121</a>	Department of State, Libraries	Innovative Librarians Explore, Apply and Discover	\$40,000	\$0	\$0	0.00	0.00	0.00
2	<a href="#">2145</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Senior Farmers Market Nutrition Program	\$100,000	\$7,124	\$0	0.00	0.10	0.00
3	<a href="#">2149</a>	Department of Health and Social Services, Public Health, Community Health	Voluntary National Retail Food Regulatory Program Standards-Mentorship	\$10,000	\$0	\$0	0.00	0.00	0.00
4	<a href="#">2147</a>	Department of Health and Social Services, Public Health, Community Health	Retail Standards—Category Two	\$10,000	\$0	\$0	0.00	0.00	0.00
5	<a href="#">2116</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Chesapeake Bay Implementation	\$9,196,000	\$1,691,746	\$7,579,254	0.00	1.40	0.00
6	<a href="#">1939</a>	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Instant Criminal Background Check System Act - Record Improvement Program	\$90,000	\$0	\$0	0.00	0.00	0.00
7	<a href="#">2133</a>	Department of Education	School Climate and Student Success	\$458,660	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
8	<a href="#">1946</a>	Legal, Office of the Attorney General	Internet Crimes Against Children	\$239,863	\$0	\$0	3.00	0.00	0.00
9	<a href="#">2123</a>	Legal, Office of the Attorney General	Medicaid Fraud Unit	\$1,526,416	\$508,803	\$0	13.00	4.00	0.00
10	<a href="#">2117</a>	Department of State, Regulations and Licensing, Public Service Commission	Pipeline Safety One Call Grant	\$12,200	\$0	\$0	0.02	0.00	0.00
11	<a href="#">2134</a>	Department of Health and Social Services, Public Health, Community Health	Sexual Violence Prevention and Education	\$238,267	\$0	\$0	0.00	0.00	0.00
12	<a href="#">2135</a>	Department of Health and Social Services, Public Health, Community Health	Affordable Care Act - Maternal, Infant, Early Childhood Home Visiting Program - Expansion Grant	\$4,564,242	\$1,169,639	\$0	1.00	0.00	0.00
13	<a href="#">2139</a>	Department of Health and Social Services, Public Health, Community Health	Affordable Care Act - Maternal, Infant and Early Childhood Home Visiting Program	\$1,000,000	\$1,169,639	\$0	3.00	0.00	0.00
14	<a href="#">2140</a>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmer's Market Nutrition Program	\$284,137	\$14,372	\$10,000	0.00	0.20	0.00
15	<a href="#">2141</a>	Department of Health and Social Services, Public Health, Community Health	Public Water System Supervision	\$644,147	\$469,301	\$0	8.00	8.40	0.00
16	<a href="#">2148</a>	Department of Health and Social Services, Public Health, Community Health	Retail Standards - Category Three	\$2,000	\$0	\$0	0.00	0.00	0.00
17	<a href="#">2150</a>	Department of Health and Social Services, Public Health, Emergency Medical Services	Emergency Medical Services for Children Partnership	\$130,000	\$26,731	\$0	0.00	0.15	0.00
18	<a href="#">2014-10-29-01</a>	Department of Health and Social Services, Administration, Office of the Secretary, Health Care Commission	Statewide Healthcare Innovation Plan	\$0	\$0	\$500,000	0.00	0.00	0.00

19	<a href="#">2127</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Survey of Sport Fish of Delaware Bay	\$134,427	\$44,809	\$0	0.17	0.17	0.00
20	<a href="#">2128</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Fisheries Management Program	\$25,139	\$8,380	\$0	0.34	0.01	0.00
21	<a href="#">2131</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Prescott Marine Mammal	\$49,203	\$16,401	\$0	0.04	0.06	0.00
22	<a href="#">2137</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Coastal Finfish Assessment Survey	\$168,588	\$56,196	\$0	2.30	0.50	0.00
23	<a href="#">1700 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Tidal Freshwater Fisheries Management	\$10,437	\$3,479	\$0	0.15	0.01	0.00
24	<a href="#">2142</a>	Department of Safety and Homeland Security, Office of the Secretary, Division of Forensic Science	DNA Backlog Reduction Program	\$292,368	\$0	\$0	0.00	0.00	0.00
25	<a href="#">2113</a>	Department of Labor, Unemployment Insurance	Reemployment and Eligibility Assessment	\$206,208	\$0	\$0	10.10	0.00	0.00
26	<a href="#">2056</a>	Fire Prevention Commission, State Fire School	National Fire Academy Training	\$20,060	\$0	\$0	0.00	0.00	0.00
27	<a href="#">2143</a>	Department of Education	Head Start Collaboration	\$125,000	\$0	\$0	0.75	0.00	0.00

#### Higher Education

1	2014-11-29-01	HE/University of Delaware	PRO: A Protein Ontology in OBO Foundry for Scalable Integration of Biomedical Knowledge	\$3,481,401	\$0	\$0			
2	2014-11-29-02	HE/University of Delaware	NSF Analog Joint Source-Channel Coding for Underwater Acoustic Communications Garcia-Frias	\$366,379	\$0	\$0			
3	2014-11-29-03	HE/University of Delaware	Nanobiosensing: Unagi-based Encoded Fluorescent Sensor Proteins	\$217,276	\$0	\$0			
4	2014-11-29-04	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	\$282,357	\$0	\$0			
5	2014-11-29-05	HE/University of Delaware	Ship Operations National Marine Fisheries Northern Right Whale Survey & Biology Cruise	\$167,700	\$0	\$0			
6	2014-11-29-06	HE/University of Delaware	II-NEW: Acquisition of Time-Dependent 3D Transparent Flows via Light Field Imaging and Displays	\$192,155	\$0	\$0			
7	2014-11-29-07	HE/University of Delaware	Design and Fabrication of Pyroelectric Detector with Nanometer Size Studs	\$0	\$0	\$64,898			
8	2014-11-29-08	HE/University of Delaware	An interdisciplinary Examination of Speech Processing in Typical, Deaf, And Hard-of-Hearing Children	\$143,801	\$0	\$0			
9	2014-11-29-09	HE/University of Delaware	Collaborative Research: Environmental Science for Latino English Learners	\$0	\$0	\$135,358			
10	2014-11-29-10	HE/University of Delaware	Small GTPase Arf6 Regulation of Cellular Morphogenesis in Development	\$276,178	\$0	\$0			
11	2014-11-29-11	HE/University of Delaware	To Investigate Plant Defense Strategies Associated With Attachment And Colonization of Human Enteric Viruses	\$0	\$0	\$60,000			
12	2014-11-29-12	HE/University of Delaware	Wild Birds in The Ecology of Tick-borne Disease: Predicting Vector Invasions and Pathogen Emergence Across Heterogeneous Landscapes	\$0	\$0	\$1,000			
13	2014-11-29-13	HE/University of Delaware	Prepreg Fabrication Using an Aqueous Bath Process	\$0	\$0	\$70,000			

14	2014-11-29-14	HE/University of Delaware	An Evaluation of Microbial Inoculants For Improving the Aerobic Stability of Corn Silage	\$0	\$0	\$12,500
15	2014-11-29-15	HE/University of Delaware	II-New:Collaborative Research: A Multi-Institutional Computer-Cloud Based Simulation Infrastructure for Multiphase Flows	\$254,900	\$0	\$0
16	2014-11-29-16	HE/University of Delaware	Development of an Interactive Mobile Application to Promote Physical Activity to Youth With Disabilities as Part of a Healthy Lifestyles Campaign	\$36,518	\$0	\$0
17	2014-11-29-17	HE/University of Delaware	RF Photonics, Hybrid Optical Apertures, and Integration	\$0	\$0	\$543,082
18	2014-11-29-18	HE/University of Delaware	New Directions In The Qualitative Approach To Inverse Scattering Theory	\$189,566	\$0	\$0
19	2014-11-29-19	HE/University of Delaware	Symmetry Breaking in Complex Material Flows	\$179,604	\$0	\$0
20	2014-11-29-20	HE/University of Delaware	ARO Advanced Infrared and Terahertz Devices for Navigation, Imaging, Timing, and Ranging Kolodzey	\$204,900	\$0	\$0
21	2014-11-29-21	HE/University of Delaware	Mineral-Fluid Interactions: Synchrotron Radiation Studies at the Advanced Photon Source	\$0	\$0	\$38,578
22	2014-11-29-22	HE/University of Delaware	ECO-A- The East Coast Ocean Acidification Cruise 2015	\$0	\$0	\$205,815
23	2014-11-29-23	HE/University of Delaware	Mismatch Negativity-Based Differential Diagnosis Of APD VS SLI	\$323,063	\$0	\$0
24	2014-11-29-24	HE/University of Delaware	Interaction Problems In Ocean Waves: Application To Ice-Covered Waves And Internal Waves	\$213,681	\$0	\$0
25	2014-11-29-25	HE/University of Delaware	CIF: Medium: Collaborative Research: Analog and Hybrid Coding Schemes for Video Transmission and Multiple Access Channels	\$464,475	\$0	\$0
26	2014-11-29-26	HE/University of Delaware	Multimodal Brain Imaging to Assess Somatosensory Function and Plasticity After Stroke	\$641,190	\$0	\$0
27	2014-11-29-27	HE/University of Delaware	Consulting Service Agreement between University of Delaware and Mountain States Group, Inc	\$0	\$0	\$15,000
28	2014-11-29-28	HE/University of Delaware	GUR NEES 2015 Frankish Illuminated Manuscripts 7TH-10TH Centuries	\$0	\$0	\$6,000
29	2014-11-29-29	HE/University of Delaware	Air National Guard/Air Force Reserve Youth Camps	\$0	\$0	\$30,000
30	2014-11-29-30	HE/University of Delaware	Working Waterfronts Resource Network	\$0	\$0	\$195,312
31	2014-11-29-31	HE/University of Delaware	Magic Angle Spinning NMR of Metalloenzymes	\$0	\$0	\$100,000
32	2014-11-29-32	HE/University of Delaware	Evaluation of the Clinical Pathological Response and Virus Shedding of Birds	\$0	\$0	\$18,049
33	2014-11-29-33	HE/University of Delaware	Regulation and Structure of The Translesion Synthesis DNA Polymerase Holoenzyme Complex	\$545,769	\$0	\$0
34	2014-11-29-34	HE/University of Delaware	Animal Health and Disease Research Program Formula Grant 2015	\$18,372	\$0	\$0
35	2014-11-29-35	HE/University of Delaware	Expanding Care for Vulnerable Populations	\$0	\$0	\$220,000
36	2014-11-29-36	HE/University of Delaware	Novel Links Between Social Disconnection And Appetite Regulation	\$0	\$0	\$10,819

37	2014-11-29-37	HE/University of Delaware	Collaborative Research: High-Dimensional First Passage Problems In Materials And Kinetic Theory	\$96,154	\$0	\$0
38	2014-11-29-38	HE/University of Delaware	Collaborative Research: ENIGMA-Eastern North America Intraplate Geodynamic Model of Active Tectonics	\$79,641	\$0	\$0
39	2014-11-29-39	HE/University of Delaware	Ensuring Energy and Power Safety in Data Centers	\$2,624,141	\$0	\$0
40	2014-11-29-40	HE/University of Delaware	LUMILANT/ARO MIROTZNIK STTR 2, Wavelength Specific Dielectric Obscurants using Electromagnetically Engineered Nanoparticles	\$0	\$0	\$240,593
41	2014-11-29-41	HE/University of Delaware	Cogens: A Space for Developing and Evaluating Collaborative Practice During Student Teaching	\$0	\$0	\$50,000
42	2014-11-29-42	HE/University of Delaware	Molecular mechanisms of Aniridia Fibrosis Syndrome	\$0	\$0	\$2,100
43	2014-11-29-43	HE/University of Delaware	Synthetic Biology of Thermus Thermophilus for Enhanced Isoprenoid Biosynthesis from Biomass Feedstocks	\$0	\$0	\$218,077
44	2014-11-29-44	HE/University of Delaware	2015 Department of Defense Child and Youth Reintegration Support Camp Grants	\$0	\$0	\$50,000
45	2014-11-29-45	HE/University of Delaware	Irex Mandela Washington Fellowship For Young African Leaders	\$0	\$0	\$124,311
46	2014-11-29-46	HE/University of Delaware	Soil-Applied Herbicide Compatibility with Rye Residue	\$0	\$0	\$7,180
47	2014-11-29-47	HE/University of Delaware	A Web-Based Craniofacial Disease Gene Discovery Tool	\$300,000	\$0	\$0
48	2014-11-29-48	HE/University of Delaware	The 4-H Science Corp (after school stem) with Rutgers	\$0	\$0	\$35,433
49	2014-11-29-49	HE/University of Delaware	Consequences and Control of Randomness in Timing of Cellular Events	\$147,928	\$0	\$0
50	2014-11-29-50	HE/University of Delaware	Department of Commerce NOAA Scientific and Technical Support	\$0	\$0	\$131,468
51	2014-11-29-51	HE/University of Delaware	Hazards SimCenter: Enhancing Resilience to Natural Hazards through Computational Discovery and Engineering	\$0	\$0	\$293,235
52	2014-11-29-52	HE/University of Delaware	Structural Effects of Protein Phosphorylation and O-GlcNAcylation	\$437,362	\$0	\$0
53	2014-11-29-53	HE/University of Delaware	Understanding Breast Cancer Dormancy and Reactivation to Prevent Recurrence	\$0	\$0	\$360,000
54	2014-11-29-54	HE/University of Delaware	NIH R21 JAYARAMAN	\$341,747	\$0	\$0
55	2014-11-29-55	HE/University of Delaware	Acquisition of Computer Cluster for First-Principles Predictions of Structure and Properties of Cocystals	\$350,000	\$0	\$0
56	2014-11-29-56	HE/University of Delaware	Staying to Talk, Talking to Stay: A Study of the Relationships between the Talk and Retention of Teachers and Students	\$0	\$0	\$39,032
57	2014-11-29-57	HE/University of Delaware	Analysis of the Ribonucleases of Arabidopsis Thaliana	\$574,153	\$0	\$0
58	2014-11-29-58	HE/University of Delaware	Time's Melt	\$0	\$0	\$6,000
59	2014-11-29-59	HE/University of Delaware	Instrumentation for Long-term Arctic Shelf and Slope Acoustical Oceanography	\$285,800	\$0	\$0

60	2014-11-29-60	HE/University of Delaware	Underwater Sound Projector for Arctic Shelf and Slope Acoustical Oceanography	\$89,006	\$0	\$0
61	2014-11-29-61	HE/University of Delaware	The Impacts of Cooked Soy on Colon Cancer Prevention	\$0	\$0	\$8,192
62	2014-11-29-62	HE/University of Delaware	NIH Supermarket Study KARPYN	\$1,825,895	\$0	\$0
63	2014-11-29-63	HE/University of Delaware	Understanding Emerging Spin Properties in Novel Solid State Artificial Molecules	\$415,140	\$0	\$0
64	2014-11-29-64	HE/University of Delaware	African American Women Breastfeeding Narratives	\$0	\$0	\$6,000
65	2014-11-29-65	HE/University of Delaware	2015 Northeastern Integrated Pest Management Center IPM Partnership Grant	\$0	\$0	\$6,647
66	2014-11-29-66	HE/University of Delaware	Development of Integrated Resources for Cornea and Lens Gene Discovery	\$0	\$0	\$22,500
67	2014-11-29-67	HE/University of Delaware	Japanese Culture in Videogames	\$0	\$0	\$6,274
68	2014-11-29-68	HE/University of Delaware	The Chinese Empire On The Frontier: China's Plausible Policy Of Colonizing Korea In Late Imperial Times, 1630S - 1890S	\$0	\$0	\$6,000
69	2014-11-29-69	HE/University of Delaware	Cultural Code: Video Games and Latin America	\$0	\$0	\$6,000
70	2014-11-29-70	HE/University of Delaware	Rhodopsin-Mediated Light Capture by Ultra-Small Actinobacteria	\$516,512	\$0	\$0
71	2014-11-29-71	HE/University of Delaware	Design, Fabrication and Characterization of Perfect Absorber Prototypes	\$0	\$0	\$139,081
72	2014-11-29-72	HE/University of Delaware	Influence of Media Attention on Cybersecurity-Related Decision Making	\$0	\$0	\$5,965
73	2014-11-29-73	HE/University of Delaware	Coordination Between Pricing and Advertising Activities	\$0	\$0	\$6,000
74	2014-11-29-74	HE/University of Delaware	Shaping the Future: Exploring Strategy-Making in Pioneering Firms	\$0	\$0	\$7,000
75	2014-11-29-75	HE/University of Delaware	Comprehensive Integration of Cancer Gene Variation and Expression for Glycobiology Studies	\$0	\$0	\$112,837
76	2014-11-29-76	HE/University of Delaware	Examining Cross-Language Relationships in Reading Fluency and Reading Comprehension for English Language Learners: Insights From Eye-Tracking and Think-Aloud Protocols	\$0	\$0	\$6,958
77	2014-11-29-77	HE/University of Delaware	Effects of Non-Native Plants on Food Web Dynamics Between Plants, Insects, and Breeding Birds	\$0	\$0	\$1,952
78	2014-11-29-78	HE/University of Delaware	The Influence of Water on Surface Reactions at Metal Oxide Interfaces	\$495,640	\$0	\$0
79	2014-11-29-79	HE/University of Delaware	Research on Women in Global Business	\$0	\$0	\$6,000
80	2014-11-29-80	HE/University of Delaware	Effect of BAY98 on Recombinant HVT Onset of Immunity to Transgene Challenge (HVT-LT):	\$0	\$0	\$23,440
81	2014-11-29-81	HE/University of Delaware	Methane Activation on Cu Containing Zeolite Catalysts	\$494,653	\$0	\$0
82	2014-11-29-82	HE/University of Delaware	IUSE/PFE:RED: Building the T-Shaped Engineer: Refocusing Departmental Resources & Undergraduate Curricula to Train Students with Both Breadth and Depth of Knowledge	\$1,274,758	\$0	\$0

83	2014-11-29-83	HE/University of Delaware	Examining the Effects of Microbial Inoculants on the Aerobic of Corn Silage After Short Times of Fermentation	\$0	\$0	\$8,825
84	2014-11-29-84	HE/University of Delaware	Young Black Women's Conceptualization of Fatherhood and Womanhood	\$0	\$0	\$6,000
85	2014-11-29-85	HE/University of Delaware	Collaborative Research: Accelerating Innovation and Expanding Participation From Laptop to Exaflop	\$0	\$0	\$743,742
86	2014-11-29-86	HE/University of Delaware	Spin Orbitronics - From Heavy Metals to Topological Insulators	\$387,881	\$0	\$0
87	2014-11-29-87	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	\$10,403
88	2014-11-29-88	HE/University of Delaware	Development of Robust Microbial Communities Through Engineered Biofilms	\$0	\$0	\$801,282
89	2014-11-29-89	HE/University of Delaware	Wholesome Wave/USDA FINI KARPYN	\$0	\$0	\$240,385
90	2014-11-29-90	HE/University of Delaware	Wheat production: Evaluation of Palisade and Alternative Fungicide Timings for Intensive Wheat Production	\$0	\$0	\$3,728
91	2014-11-29-91	HE/University of Delaware	Monitoring the effects of Hurricane Sandy Salt Marsh Restoration on American Black Duck Winter Carrying Capacity	\$0	\$0	\$319,149
92	2014-11-29-92	HE/University of Delaware	Modular Theory and the Spin-Statistics Connection	\$0	\$0	\$6,000
93	2014-11-29-93	HE/University of Delaware	Hazards SEES: Understanding the Breadth and Likelihood of Tsunami-Induced Cascading Failures in Coupled Urban Systems	\$0	\$0	\$206,211
94	2014-11-29-94	HE/University of Delaware	Support of Research on Cold Spray Technology for Repair of Steel Bridge Corrosion Damage	\$36,878	\$0	\$0
95	2014-11-29-95	HE/University of Delaware	Conafor Fellowship FOA Of The UN	\$0	\$0	\$53,080
96	2014-11-29-96	HE/University of Delaware	Staying to Talk, Talking to Stay: A Study of the Relationships between Teacher/Student Talk and Teacher/Student Retention	\$0	\$0	\$6,000
97	2014-11-29-97	HE/University of Delaware	Disabled Faculty: Disclosure, Identity, Access	\$0	\$0	\$6,000
98	2014-11-29-98	HE/University of Delaware	Tracing the Impact of the Common Core Standards for Writing on Teaching of Writing in Secondary English Language Classrooms	\$0	\$0	\$5,760
99	2014-11-29-99	HE/University of Delaware	Investigating Neural Control of Social Communication in Mouse Models of Autism	\$0	\$0	\$8,137
100	2014-11-30-01	HE/University of Delaware	RPI/NSF Hazard Sees: Integrative Decision-Making Models For Optimal Access Restoration In Post-Disaster Response Environments	\$0	\$0	\$224,206
101	2014-11-30-02	HE/University of Delaware	Mapping of Bird Migration Stopover Sites in North Carolina	\$0	\$0	\$159,476
102	2014-11-30-03	HE/University of Delaware	2015 Fulbright Visiting Scholar Program for Iraq - Engineering Cohort	\$0	\$0	\$58,000
103	2014-11-30-04	HE/University of Delaware	Templated Self Assembly of Block Copolymer Composites for Homogeneously Integrated Photonic Circuits	\$4,807,695	\$0	\$0
104	2014-11-30-05	HE/University of Delaware	IMLS Sustaining Places II	\$281,032	\$0	\$0
105	2014-11-30-06	HE/University of Delaware	Carbon Dynamics within Soils of Tropical Mega-Deltas: Sensitivity to Impending Local and Global Change	\$0	\$0	\$187,497

106	2014-11-30-07	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	\$17,394
107	2014-11-30-08	HE/University of Delaware	Collaborative RAPID: Stigma, Leadership, and Communication Around the US Ebola Cases	\$14,920	\$0	\$0
108	2014-11-30-09	HE/University of Delaware	A Smart Shoe for the Detection of Falls in the Elderly	\$0	\$0	\$23,482
109	2014-11-30-10	HE/University of Delaware	FY2015 Study Of The U.S. Institutes For Student Leaders From Southeast ASIA	\$217,811	\$0	\$0
110	2014-11-30-11	HE/University of Delaware	FY 2015 Study Of The U.S. Institute On Women's Leadership	\$208,199	\$0	\$0
111	2014-11-30-12	HE/University of Delaware	Role of Internal Loading of Phosphorus Refueling Eutrophication in The Chesapeake Bay	\$0	\$0	\$126,864
112	2014-11-30-13	HE/University of Delaware	Assessing the Potential of UAV's for Detecting Crop Moisture Stress	\$0	\$0	\$5,892
113	2014-11-30-14	HE/University of Delaware	Low-Density High-Efficiency Light Reflector Films For LED Lighting	\$0	\$0	\$72,116
114	2014-11-30-15	HE/University of Delaware	REU: Multitrophic Consequences of Novel Plant Assemblages in Urban Ecosystems	\$6,700	\$0	\$0
115	2014-11-30-16	HE/University of Delaware	Radioisotope Tracer and Fracture Attributes for Enhanced Geothermal Systems	\$0	\$0	\$52,384
116	2014-11-30-17	HE/University of Delaware	Oceanographic Technical Services	\$30,500	\$0	\$0
117	2014-11-30-18	HE/University of Delaware	Evaluation of Fall Soil Nitrate Testing and Fertilization for Establishment of Small Grains and Alternative Cover Crops under Irrigated and Dry Land Conditions on Delmarva	\$0	\$0	\$17,845
118	2014-11-30-19	HE/University of Delaware	Trends in Soil Test Phosphorus and Sorption Capacity following Long-term Application of Poultry Litter and Commercial Fertilizers	\$0	\$0	\$32,495
119	2014-11-30-20	HE/University of Delaware	Are Coastal Temperate Wetlands Carbon Sources or Sinks? Unraveling Processes and Controls Using an Interdisciplinary and Multi-Instrument Approach	\$403,760	\$0	\$0
120	2014-11-30-21	HE/University of Delaware	Cu-zeolite Catalysts for the Abatement of Methane in the Exhaust of Natural Gas Engines	\$245,987	\$0	\$0
121	2014-11-30-22	HE/University of Delaware	Measuring and Modeling the Development of Throughfall-Induced Hot Spots and Hot Moments in Relation to Canopy Phenophase	\$498,381	\$0	\$0
122	2014-11-30-45	HE/University of Delaware	2015 Proposal for Special Initiative on Offshore Wind	\$0	\$0	\$225,000
123	2014-11-30-46	HE/University of Delaware	Development of a Relativistic Atomic Code for Accurate Treatment of Complex Correlations	\$250,000	\$0	\$0
124	2014-11-30-47	HE/University of Delaware	Interleaf Optical Heater for Rapid Composites Manufacturing End Repair	\$0	\$0	\$12,821
125	2014-11-30-48	HE/University of Delaware	Market Participation, Testing, and Evaluation of Aggregated Grid-Integrated Vehicles	\$0	\$0	\$263,662
126	2014-11-30-49	HE/University of Delaware	Comprehensive Study of I/O Performance at the Extreme Scale	\$64,695	\$0	\$0
127	2014-11-30-50	HE/University of Delaware	Epigenetic Effects of Early-Life Caregiver Maltreatment in Rat mPFC Neurons	\$111,852	\$0	\$0
128	2014-11-30-51	HE/University of Delaware	Enhanced Superacid Catalysts for Production of Pharmaceutical Intermediates and Products	\$0	\$0	\$28,846

129	2014-11-30-52	HE/University of Delaware	Investigations on European Corn Borer on Bt Corn	\$0	\$0	\$22,305
130	2014-11-30-53	HE/University of Delaware	SCH: INT: Collaborative Research: GEAR - Grounded Early Adaptive Rehabilitation	\$779,309	\$0	\$0
131	2014-11-30-54	HE/University of Delaware	Association of University Centers on Disabilities/US Department of Health and Human Services Leadership Institute	\$0	\$0	\$60,185
132	2014-11-30-55	HE/University of Delaware	Development Of An Integrated Database Environment For MEDE CRA Applications	\$0	\$0	\$85,782
133	2014-11-30-56	HE/University of Delaware	Development Of A High-Resolution Video Camera System To Estimate Sea Scallop Survey Dredge Efficiency And Document Finfish Behavior	\$0	\$0	\$21,376
134	2014-11-30-57	HE/University of Delaware	National Endowment For The Humanities Ray Translations 2015	\$168,809	\$0	\$0
135	2014-11-30-58	HE/University of Delaware	Examining Speech Processing in Typical, Deaf, and Hard-of-Hearing Children	\$159,906	\$0	\$0
136	2014-11-30-59	HE/University of Delaware	Delaware Community Foundation Cease Violence Evaluation Project	\$0	\$0	\$18,181
137	2014-11-30-60	HE/University of Delaware	Development of Nanostructured Materials for Efficient Harvesting of Low-Energy Solar Photons	\$490,679	\$0	\$0
138	2014-11-30-61	HE/University of Delaware	Wang: Understanding Online Knowledge Sharing; Financial Market Crisis Identification Via Heterogeneous Artificial Stock Market Simulation	\$0	\$0	\$182,374
139	2014-11-30-62	HE/University of Delaware	UD1022 Nutrient Uptake Mode of Action Testing	\$0	\$0	\$16,934
140	2014-11-30-63	HE/University of Delaware	AHA PREDOC Fellowship Ramick	\$0	\$0	\$52,000
141	2014-11-30-64	HE/University of Delaware	Quantifying Bird Migration Traffic Rates With Weather Radar Over Powdermill Nature Reserve	\$0	\$0	\$1,920
142	2014-11-30-65	HE/University of Delaware	Developed COSMO-SAC Model	\$0	\$0	\$19,231
143	2014-11-30-66	HE/University of Delaware	Professional Development in Arts Integration at Gateway Lab School	\$0	\$0	\$10,000
144	2014-11-30-67	HE/University of Delaware	Inhibiting Hedgehog Signaling to Improve Therapeutic Response in Pediatric Brain Tumors	\$0	\$0	\$100,000
145	2014-11-30-68	HE/University of Delaware	Expert Panel for Specialized Hauling Vehicle Load Rating	\$0	\$0	\$3,906
146	2014-11-30-69	HE/University of Delaware	Development of a Novel Adjuvant Therapy to Treat Aggressive Metastatic Breast Cancer	\$481,746	\$0	\$0
147	2014-11-30-70	HE/University of Delaware	Modeling of the Anisotropic Electrical Conductivity in Composite Materials During Lightning Strike Events	\$0	\$0	\$164,457
148	2014-11-30-71	HE/University of Delaware	Surface Estimates of Deep Permeability	\$0	\$0	\$64,084
149	2014-11-30-72	HE/University of Delaware	Targeting Deubiquitination in Triple Negative Breast Cancer for Development of New Therapeutics	\$350,000	\$0	\$0
150	2014-11-30-73	HE/University of Delaware	NSF Advanced Methods For The Scattering Of Waves In The Time Domain	\$226,251	\$0	\$0
151	2014-11-30-74	HE/University of Delaware	Weak Galerkin Mixed Finite Element Methods	\$149,478	\$0	\$0



152	2014-11-30-75	HE/University of Delaware	Advances In Multilevel Methods For Saddle Point Problems	\$157,133	\$0	\$0
153	2014-11-30-76	HE/University of Delaware	A Field Evaluation of Soybean Vein Necrosis Virus and its Impacts on Soybean Yield and Quality in Delaware	\$0	\$0	\$4,874
154	2014-11-30-77	HE/University of Delaware	MERHAB: Advancing the Utility and Cost-Effectiveness of Quantitative Molecular Methods for the Monitoring of Multiple Harmful Algal Bloom Species	\$240,854	\$0	\$0
155	2014-11-30-78	HE/University of Delaware	Project Proposing Waste Reduction in Apparel Production Can be Achieved Through Increased Efficiency in the Product Development Phase Through the Use of 3D Technology	\$9,615	\$0	\$0
156	2014-11-30-79	HE/University of Delaware	DOS UOD Trinidad Travel	\$5,600	\$0	\$0
157	2014-11-30-80	HE/University of Delaware	Catalysis of Small Molecule Activation by Proton Coupled Electron Transfer	\$369,409	\$0	\$0
158	2014-11-30-81	HE/University of Delaware	Undergraduate Research Apprenticeship Program (URAP) in Spectral Imaging at the University of Delaware	\$3,000	\$0	\$0
159	2014-11-30-82	HE/University of Delaware	Targeted Spherical Nucleic Acids to Eliminate Metastatic Breast Cancer	\$350,000	\$0	\$0
160	2014-11-30-83	HE/University of Delaware	Structural Effects of Protein Phosphorylation and O-GlcNAcylation	\$1,250,000	\$0	\$0
161	2014-11-30-84	HE/University of Delaware	Evaluating the Response of Full Season and Double Cropped Soybeans to Various Soil Moisture Levels	\$0	\$0	\$17,188
162	2014-11-30-85	HE/University of Delaware	Effect of Fertigation on Irrigated Full Season and Double Cropped Soybean	\$0	\$0	\$7,422
163	2014-11-30-86	HE/University of Delaware	Collaborative Research: Experimentation and Innovation as Mechanisms of Long-Term Technological Change	\$81,004	\$0	\$0
164	2014-11-30-87	HE/University of Delaware	An Investigation of Kernel Data Attacks and Countermeasures	\$101,259	\$0	\$0
165	2014-11-30-88	HE/University of Delaware	Statewide Insect Pest Survey in Soybeans	\$0	\$0	\$6,031
166	2014-11-30-89	HE/University of Delaware	NSF CPS: Breakthrough: A Smart Execution Model for Smart Devices: Heterogeneity, Adaptation, and Resiliency	\$331,365	\$0	\$0
167	2014-11-30-90	HE/University of Delaware	A Multi-Year Collaborative Research to Study Highly-Ionized Atoms for Precision Measurements	\$196,494	\$0	\$0
168	2014-11-30-91	HE/University of Delaware	Lewes Historic Preservation Commission	\$0	\$0	\$4,393
169	2014-11-30-92	HE/University of Delaware	New Castle County FY15 NR/TBS	\$0	\$0	\$13,728
170	2014-11-30-93	HE/University of Delaware	African Union Church Cemetery FY15	\$0	\$0	\$4,394
171	2014-11-30-94	HE/University of Delaware	COBRE: Effects of In Utero Alcohol Exposure On The Immune Cells of the Developing Brain	\$0	\$0	\$568,571
172	2014-11-30-95	HE/University of Delaware	Targeting Heterogeneous Aggressive Breast Cancers: Using Smart DNA-Polymer Nanocapsules for Personalized Physiological Profiling and Tailored Therapeutics	\$241,487	\$0	\$0
173	2014-11-30-96	HE/University of Delaware	BC142156P1Targeting Heterogeneous Aggressive Breast Cancers: Using Smart DNA-Polymer Nanocapsules for Personalized Physiological Profiling and Tailored Therapeutics	\$108,513	\$0	\$0

174	2014-11-30-97	HE/University of Delaware	Service and Maintenance of the Grey's Reef Ocean Acidification Mooring: In Support of NOAA Ocean Acidification Program FY15-17	\$0	\$0	\$152,395
175	2014-11-30-98	HE/University of Delaware	Integrating Utility-Dispatchable PV-Driven Battery Storage With Intelligent Cooling Load Management For Supply Shifting And Peak Shaving	\$448,719	\$0	\$0
176	2014-11-30-99	HE/University of Delaware	Innovation to Enhance Produce Safety and Quality During Their Forced Air Cooling Process	\$70,922	\$0	\$0
177	2014-12-01-01	HE/University of Delaware	NSF Oceanographic Instrumentation CY15	\$349,806	\$0	\$0
178	2014-12-01-02	HE/University of Delaware	Palmer Amaranth Weed Management for No-Till and Double-Cropped Soybeans	\$0	\$0	\$20,394
179	2014-12-01-03	HE/University of Delaware	Midwest Regional Carbon Sequestration Partnership (MRCSP)	\$41,311	\$0	\$0
180	2014-12-01-04	HE/University of Delaware	Shipboard Scientific Support Equipment CY15	\$32,900	\$0	\$0
181	2014-12-01-05	HE/University of Delaware	REU:SusChEM: Collaborative Research: Process Optimization of Novel Routes for the Production of Bio-Based Para-Xylene	\$6,000	\$0	\$0
182	2014-12-01-06	HE/University of Delaware	Metamaterials for Visible Wavelengths Through Solution Assembly With Chemical and Kinetic Control	\$572,874	\$0	\$0
183	2014-12-01-07	HE/University of Delaware	EDU: Integrating Cybersecurity Education with Cloud Computing Environments	\$202,622	\$0	\$0
184	2014-12-01-08	HE/University of Delaware	NIJ Watching The Watchers: An Exploration of Citizens Recording The Police	\$26,500	\$0	\$0
185	2014-12-01-09	HE/University of Delaware	Transcriptional Analysis of Pollen Development in Haploid Inducer Lines	\$0	\$0	\$98,696
186	2014-12-01-10	HE/University of Delaware	Ship Operations	\$257,745	\$0	\$0
187	2014-12-01-11	HE/University of Delaware	Intestine and Adipose System Crosstalk in Metabolic Diseases of Dairy Cows	\$71,898	\$0	\$0
188	2014-12-01-12	HE/University of Delaware	Low Cost Electrochemical Compressors Utilizing Green Refrigerants for HVAC Applications	\$0	\$0	\$133,410
189	2014-12-01-13	HE/University of Delaware	Estimating Behavioral Multipliers To American Black Duck and Lesser Scaup Resting Metabolic Rate to Better Estimate Daily Energy Expenditure and Carrying Capacity	\$0	\$0	\$29,979
190	2014-12-01-14	HE/University of Delaware	DMREF: Collaborative Research: Hybrid Materials to Enhance Coupling of Spins to Electromagnetic Waves	\$725,581	\$0	\$0
191	2014-12-01-15	HE/University of Delaware	RI: Small: Event-based Visual-Inertial MAV Navigation and Mapping	\$254,330	\$0	\$0
192	2014-12-01-16	HE/University of Delaware	AFRL/Chip Design High Definition Infrared Light Emitting Diode (HD-ILED) Array	\$915,420	\$0	\$0
193	2014-12-01-17	HE/University of Delaware	Seeing the Entire RF Spectrum (SERFS)	\$1,923,075	\$0	\$0
194	2014-12-01-18	HE/University of Delaware	National Institute of Health ARV-MAT Integrating Medication, Health and Social Services for HIV Patients	\$2,553,713	\$0	\$0
195	2014-12-01-19	HE/University of Delaware	Association of University Centers on Disabilities, Medicaid Project	\$0	\$0	\$21,510
196	2014-12-01-20	HE/University of Delaware	Data Analysis and Readiness Assessment for the Pipeline Up to Stable Housing	\$0	\$0	\$54,687

197	2014-12-01-21	HE/University of Delaware	GP-Impacts: Bridge - Building a Regional Infrastructure to Deliver Inclusive Geoscience Experiences	\$1	\$0	\$0
198	2014-12-01-22	HE/University of Delaware	2015 Youth Philanthropy Board for Sussex County of the Delaware Community Foundation	\$0	\$0	\$4,545
199	2014-11-30-23	HE/Delaware State University	Conservation and Recover of Sturgeons in the Delaware River Estuary	\$1,066,824	\$0	\$0
200	2014-11-30-24	HE/Delaware State University	II New: Collaborative Multi-Institutional Computer Cloud Based Simulation Infrastructure for Multi-phase Flows	\$294,792	\$0	\$0
201	2014-11-30-25	HE/Delaware State University	Environmental Toxins Cause Neuronal Loss and Natural Antioxidants to Promote Neuronal Recovery	\$132,000	\$0	\$0
202	2014-11-30-26	HE/Delaware State University	The Effect of Oxidative Stress in the Misregulation in MricroRNA Biogenesis	\$132,000	\$0	\$0
203	2014-11-30-27	HE/Delaware State University	Aging Neurons: The Balance Between Calcium Ion Flux and Cell Death	\$132,000	\$0	\$0
204	2014-11-30-28	HE/Delaware State University	Assessing the Role of TRPC Channels in Spinal Moto Neuron Development	\$132,000	\$0	\$0
205	2014-11-30-29	HE/Delaware State University	Spectroscopic Characterization of Nanodiamonds and their Functionalized Versions Based on the Photo	\$465,546	\$0	\$0
206	2014-11-30-30	HE/Delaware State University	Reaching the Single-Cycle Regime with Petwatt Power	\$1,118,816	\$0	\$0
207	2014-11-30-31	HE/Delaware State University	Micro X-Ray Fluorescence (XRF) Instrumentation for Ultra-Fast Non-Invasive Determination of Materials Composition in Energy Materials	\$226,920	\$0	\$0
208	2014-11-30-32	HE/Delaware State University	Instrument Development for a Long-Range High Resolution 3D Imaging Photon Counting LADAR	\$221,661	\$0	\$0
209	2014-11-30-33	HE/Delaware State University	Acetylcholinergic Neurotransmission During Aging	\$832,321	\$0	\$0
210	2014-11-30-34	HE/Delaware State University	Novel Metamaterials with Turnable Properties	\$750,085	\$0	\$0
211	2014-11-30-35	HE/Delaware State University	Development of Ultra-sensitive, High-resolution Sensor System of Unmanned Aerial Platforms, Mid-Infrared Sensing of Ammonia, Methane, and Nitrous Oxide	\$146,586	\$0	\$0
212	2014-11-30-36	HE/Delaware State University	Petascale Simulations of Stimulated Raman Backscattering in Plasma for High Power Laser	\$14,112	\$0	\$0
213	2014-11-30-37	HE/Delaware State University	Delaware State University Binge Drinking Campaign	\$4,940	\$0	\$0
214	2014-11-30-39	HE/Delaware State University	Model for Intergration of MSIPP into Collaborative Research via Development of Laser Induced Breakdown Spectroscopy (LIBS) Methods for Nuclear Forensics	\$149,988	\$0	\$0
215	2014-11-30-40	HE/Delaware State University	Development of High Performance Greenhouse Gas Sensors for Automated Aerial Robotic Platforms	\$23,251	\$0	\$0
216	2014-11-30-41	HE/Delaware State University	Testing and Application of Novel Probiotic Bacteria for use IN Marine Aquaculture	\$196,242	\$0	\$0
217	2014-11-30-42	HE/Delaware State University	Developing Qualitative Reasoning as a Catlyst for Learning Mathematics	\$376,622	\$0	\$0
218	2014-11-30-43	HE/Delaware State University	Delaware Small Business and Technology Center	\$0	\$0	\$27,392
219	2014-11-30-44	HE/Delaware State University	DMR-PREM Advanced Nanostructured Materials with Novel Optical Properties	\$3,465,627	\$0	\$0

220	2014-11-30-38	HE/Delaware Technical and Community College	Upward Bound Math/Science	\$357,722	\$0	\$0
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**Delaware State Clearinghouse Committee**  
**Agenda**  
**February 24, 2015**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business</b>									
1	<a href="#">2168</a>	Executive, Criminal Justice, Criminal Justice Council	Harold Rogers Prescription Drug Monitoring Program	\$365,358	\$0	\$0	0.20	0.00	0.00
2	<a href="#">2014-12-23-01</a>	Department of Health and Social Services, Public Health, Community Health	Evaluation of Evidence-Based Community Wellness and Prevention Programs	\$15,000	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2161</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	National Nursing Centers Consortium Environmental Education	\$4,800	\$7,700	\$0	0.00	0.16	0.00
4	<a href="#">2015-02-02-01</a>	Department of Education	Children Services Cost Recovery Project	\$0	\$0	\$0	0.00	1.00	0.00
5	<a href="#">2155</a>	Colonial School District	Farm to School	\$95,600	\$8,900	\$29,500	0.05	0.00	0.00
<b>Continued</b>									
6	<a href="#">2087</a>	Executive, Criminal Justice, Criminal Justice Council	Children's Justice Act	\$89,091	\$0	\$0	0.00	0.00	0.00
7	<a href="#">2178</a>	Department of State, Historical and Cultural Affairs, Office of the Director	Historic Preservation Grant-In-Aid	\$528,259	\$425,387	\$0	5.40	5.10	0.00
8	<a href="#">2118</a>	Department of Health and Social Services, Public Health, Community Health	Title X Family Planning Services	\$1,124,000	\$690,022	\$0	4.00	7.00	0.00
9	<a href="#">2146</a>	Department of Health and Social Services, Public Health, Community Health	Ryan White Care Act Title II	\$5,385,265	\$0	\$0	4.05	0.00	0.00
10	<a href="#">2157</a>	Department of Health and Social Services, Public Health, Community Health	Medical Monitoring Project	\$362,278	\$0	\$0	1.27	0.00	0.00
11	<a href="#">2158</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
12	<a href="#">2159</a>	Department of Health and Social Services, Public Health, Community Health	Tobacco Control and Prevention	\$1,026,576	\$0	\$0	5.00	0.00	0.00
13	<a href="#">2162</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
14	<a href="#">2163</a>	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	\$338,446	\$0	\$0	0.00	0.00	0.00
15	<a href="#">2014-12-18-01</a>	Department of Health and Social Services, Public Health, Community Health	Delaware Oral Health Implementation Renewal Phase	\$0	\$60,975	\$150,000	0.50	0.26	0.00
16	<a href="#">1746 Amendment</a>	Department of Health and Social Services, Social Services	Child Care Development Fund -Mandatory	\$2,589,668	\$2,589,668	\$0	0.00	0.00	0.00
17	<a href="#">1747 Amendment</a>	Department of Health and Social Services, Social Services	Child Care Development Fund - Matching	\$2,335,130	\$2,335,130	\$0	0.00	0.00	0.00

18	<a href="#">1834 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Brandywine Creek State Park - Woodlawn Tract	\$27,500	\$0	\$0	0.13	0.00	0.00
19	<a href="#">2010-07-14-05 Amendment 5</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Improving Delaware's Regulatory and Accountability Programs for Chesapeake Bay Reporting	\$1,640,930	\$922,488	\$722,007	0.50	4.18	0.00
20	<a href="#">2012-02-29-04 Amendment 3</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Energy and Climate	Clean Cities Coalition Programmatic Support	\$30,000	\$0	\$0	0.00	0.00	0.00
21	<a href="#">2154</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Pre-Disaster Mitigation	\$325,388	\$976	\$108,463	0.00	0.00	0.00
22	<a href="#">2156</a>	Department of Agriculture, Animal Health	Animal Disease Traceability	\$12,000	\$0	\$0	0.00	0.00	0.00

#### Higher Education

1	2015-01-31-03	HE/University of Delaware	Staying to Talk, Talking to Stay: The Relationships between Teachers' and Students' Talk and Retention	\$0	\$0	\$21,738			
2	2015-01-31-04	HE/University of Delaware	NeTS: Small	\$340,406	\$0	\$0			
3	2015-01-31-05	HE/University of Delaware	Mitochondrial Oxidative Stress and Vascular Function in Chronic Kidney Disease	\$0	\$0	\$91,000			
4	2015-01-31-06	HE/University of Delaware	CIF: Small: Next Generation Synthetic Aperture Radar Imaging	\$296,341	\$0	\$0			
5	2015-01-31-07	HE/University of Delaware	Annie E. Casey Kids Count 2015 Barlow	\$0	\$0	\$95,238			
6	2015-01-31-08	HE/University of Delaware	Photonically Actuated Coupled Antenna Array (PACAA) Program, Year 2	\$0	\$0	\$37,577			
7	2015-01-31-09	HE/University of Delaware	Characterization And Mitigation Of Ag Contact Degradation For Improved Reliability Of c-Si Modules	\$615,384	\$0	\$0			
8	2015-01-31-10	HE/University of Delaware	Activity Promotion After Total Knee Replacement: The Act Study	\$0	\$0	\$200,000			
9	2015-01-31-11	HE/University of Delaware	SNM: Integrated Design, Production, and Real-Time Control of Nanocomposite Coatings on Multilayered Polymer Substrates: Continuous Processing and Scalability	\$1,122,766	\$0	\$0			
10	2015-01-31-12	HE/University of Delaware	PSI/UES/AFRL Year 2.2 Prather	\$0	\$0	\$85,129			
11	2015-01-31-13	HE/University of Delaware	CIF: Small: High throughput hybrid analog-digital schemes for joint source-channel coding of digital sources	\$248,831	\$0	\$0			
12	2015-01-31-14	HE/University of Delaware	Can Clinical Measures Predict Real-World Walking Performance in Adults with Transfemoral and Transtibial Amputations?	\$0	\$0	\$22,818			
13	2015-01-31-15	HE/University of Delaware	Three-Week English For Graduate Studies Programs For Fulbright	\$0	\$0	\$129,978			
14	2015-01-31-16	HE/University of Delaware	Six-Week English For Graduate Studies Programs For Fulbright Scholars	\$0	\$0	\$225,127			
15	2015-01-31-17	HE/University of Delaware	Rapid Scanning Techniques For Identification Of PV Module Failures In The Field	\$615,384	\$0	\$0			
16	2015-01-31-18	HE/University of Delaware	AF:Small:Collaborative Research: Block Black Box Linear Algebra Algorithms	\$226,138	\$0	\$0			

17	2015-01-31-19	HE/University of Delaware	Investigation of the molecular mechanisms underlying Aniridia Fibrosis Syndrome (AFS)	\$0	\$0	\$50,000
18	2015-01-31-20	HE/University of Delaware	Signaling in Shear-Induced Biogenesis of Platelets and Megakaryocytic Microparticles	\$0	\$0	\$140,000
19	2015-01-31-21	HE/University of Delaware	Determining Fundamental Mechanisms For Temporal Changes In CIGS Module Performance Driven By Multiple Stressors	\$641,025	\$0	\$0
20	2015-01-31-22	HE/University of Delaware	Towards development of simulation-based tools for predicting liquid-liquid immiscibility in salt-bearing geological fluids	\$79,086	\$0	\$0
21	2015-01-31-23	HE/University of Delaware	TWC: Small: Collaborative: Revitalizing Malware Defense through Hardware-assisted Approaches	\$155,493	\$0	\$0
22	2015-01-31-24	HE/University of Delaware	A novel smooth muscle phenotype in the developing embryonic airways	\$0	\$0	\$5,000
23	2015-01-31-25	HE/University of Delaware	SHF:Small: Enabling and Supporting the Development of Energy-efficient Software	\$353,694	\$0	\$0
24	2015-01-31-26	HE/University of Delaware	SHF:Small:Unspeculative Compilation for Irregular and Dynamic Programs	\$242,962	\$0	\$0
25	2015-01-31-27	HE/University of Delaware	NSF Computer and Network Systems CSR:Small:A Smart Execution Model for Smart Devices: Heterogeneity, Adaptivity, and Resiliency	\$331,365	\$0	\$0
26	2015-01-31-28	HE/University of Delaware	TWC: Small: Exploiting User Behaviors for Online Authentication	\$341,546	\$0	\$0
27	2015-01-31-29	HE/University of Delaware	CSR: Small: Open Problems in Memory Models for Extreme Scale Systems: Analysis and Solutions	\$284,767	\$0	\$0
28	2015-01-31-30	HE/University of Delaware	SHF:Small:Collaborative Research: Multi-level Non-volatile FPGA Synthesis to Empower Efficient Self-adaptive System Implementations and Towards Reliable and High-speed Non-Volatile FPGA for Self-Adaptive Applications	\$169,976	\$0	\$0
29	2015-01-31-31	HE/University of Delaware	Molecular signatures in subseafloor sediments: how can an interterrestrial get energy and tolerate pressure?	\$0	\$0	\$64,102
30	2015-01-31-32	HE/University of Delaware	Handgrip exercise responses during hyperosmotic stimulus	\$0	\$0	\$5,000
31	2015-01-31-33	HE/University of Delaware	The Effect of Exercise on Sodium induced Endothelial Dysfunction Independent of Blo	\$0	\$0	\$5,000
32	2015-01-31-34	HE/University of Delaware	Impact of manganese oxides on organic carbon reactivity in wetlands	\$370,533	\$0	\$0
33	2015-01-31-35	HE/University of Delaware	Novel Mechanisms Linking Troubled Marriages To Cardiovascular Problems: Marital Distress, Appetite And Food Consumption	\$0	\$0	\$209,199
34	2015-01-31-36	HE/University of Delaware	SNM: Scalable and green bio manufacturing of genetically engineered nano-vesicles for biosensor applications	\$0	\$0	\$267,138
35	2015-01-31-37	HE/University of Delaware	MRI: Development of a time- and angle-resolved pump-probe photoelectron spectrometer in the UV to EUV energy range	\$618,681	\$0	\$0
36	2015-01-31-38	HE/University of Delaware	Using the Chesapeake Bay Watershed to Develop a Curriculum-Wide, Integrated Science/Social Studies-Based Watershed Experience for Delaware's Classrooms	\$241,690	\$0	\$0
37	2015-01-31-39	HE/University of Delaware	NEH National Digital Newspaper Program	\$85,250	\$0	\$0
38	2015-01-31-40	HE/University of Delaware	Ultracool Dwarfs: Clouds, Flares, and Exoplanets	\$19,231	\$0	\$0

39	2015-01-31-41	HE/University of Delaware	Electrophoretic Deposition of Nanostructures for Functional Applications	\$0	\$0	\$22,439
40	2015-01-31-42	HE/University of Delaware	The effect of dietary nitrates on physical performance and vascular function in CKD	\$0	\$0	\$5,000
41	2015-01-31-43	HE/University of Delaware	Changes in Splenic Perfusion and Morphology in Aging F344 Rats Over the Lifespan	\$0	\$0	\$4,960
42	2015-01-31-44	HE/University of Delaware	An Evaluation of Lactobacillus buchneri 40788 and Experimental Microbial Strains For Improving the Aerobic Stability of Corn Silage	\$0	\$0	\$20,500
43	2015-01-31-45	HE/University of Delaware	Mechanisms of tau structural changes and aggregation upon tau hyperphosphorylation	\$500,000	\$0	\$0
44	2015-01-31-46	HE/University of Delaware	Enhancing root and soil health for sustainable yields of Tomato production	\$141,961	\$0	\$0
45	2015-01-31-47	HE/University of Delaware	Collaborative Research: Biological Cycling of Chlorine in Soils of the Arctic Coastal Plain	\$57,879	\$0	\$0
46	2015-01-31-48	HE/University of Delaware	MRI: Acquisition of a Field Emission Environmental Scanning Electron Microscope (FE-ESEM)	\$499,995	\$0	\$0
47	2015-01-31-49	HE/University of Delaware	MRI: Development of a system for low temperature optical measurement of 3D magnon, plasmon and spin torque transfer dynamics.	\$519,165	\$0	\$0
48	2015-01-31-50	HE/University of Delaware	Comprehensive Study of I/O Performance at the Extreme Scale	\$197,715	\$0	\$0
49	2015-01-31-51	HE/University of Delaware	SHF:SMALL: Assisting Developers in the Creation and Maintenance of Unit Tests	\$362,474	\$0	\$0
50	2015-01-31-52	HE/University of Delaware	2015 American Councils DOS ECA National Security Language Initiative for Youth-Short Term Summer Programs in China	\$0	\$0	\$250,218
51	2015-01-31-53	HE/University of Delaware	Offshore Wind Policy Benefits and Costs	\$0	\$0	\$124,958
52	2015-01-31-54	HE/University of Delaware	Airflow separations over wind waves and their impact on air-sea momentum flux	\$261,714	\$0	\$0
53	2015-01-31-55	HE/University of Delaware	Wilmington Flower Market	\$0	\$0	\$10,000
54	2015-01-31-56	HE/University of Delaware	Ship Support	\$1,340,640	\$0	\$0
55	2015-01-31-57	HE/University of Delaware	Chi Chester duPont Foundation to provide financial aid	\$0	\$0	\$30,000
56	2015-01-31-58	HE/University of Delaware	Novel Mechanisms Linking Troubled Marriages to Cardiovascular Problems: Marital Distress, Appetite, and Food Consumption	\$0	\$0	\$277,012
57	2015-01-31-59	HE/University of Delaware	Collaborative Research: Reproducible Truncated Genomics Approach: Application to Liquid Composite Molding	\$296,389	\$0	\$0
58	2015-01-31-60	HE/University of Delaware	Breastfeeding Nutrition: Effects of Alcohol and Family History	\$0	\$0	\$591,033
59	2015-01-31-61	HE/University of Delaware	Emergency Response and Foam Depopulation Training and Testing for 3-D contractors	\$52,977	\$0	\$0
60	2015-01-31-62	HE/University of Delaware	High efficiency hybrid module using microconcentrating III-V array with low cost Si IBC diffuse light collector	\$3,333,198	\$0	\$0
61	2015-01-31-63	HE/University of Delaware	Effects of whole grape on cardiovascular disease risk factors, cognitive function, and emotional status in postmenopausal women	\$0	\$0	\$30,000



62	2015-01-31-64	HE/University of Delaware	Eliminating Triple-Negative Breast Cancer with Wnt Inhibitory Nanoparticles	\$0	\$0	\$249,999
63	2015-01-31-65	HE/University of Delaware	Optoelectronic Device Integration in Silicon	\$0	\$0	\$208,188
64	2015-01-31-66	HE/University of Delaware	Daily strawberry supplementation improved cardiovascular disease risk factors and cognitive function in older adults with mild cognitive impairment.	\$0	\$0	\$108,278
65	2015-01-31-67	HE/University of Delaware	Reducing Health Disparities in SMI, Rural and Minority Populations	\$0	\$0	\$696,928
66	2015-01-31-68	HE/University of Delaware	Multifunctional Materials and Structures	\$0	\$0	\$14,103
67	2015-01-31-69	HE/University of Delaware	Nemours 2015 Delaware Middle School Youth Risk Behavior Study Survey	\$0	\$0	\$44,443
68	2015-01-31-70	HE/University of Delaware	DMREF: Collaborative Research: Interface-promoted Assembly and Disassembly Processes for Rapid Manufacture and Transport of Complex Hybrid anomaterials	\$439,410	\$0	\$0
69	2015-01-31-71	HE/University of Delaware	Fulbright Gateway Orientation For Fulbright Foreign Students	\$51,669	\$0	\$0
70	2015-01-31-72	HE/University of Delaware	Radar Analysis of Bird Migration Stopover Sites on the Delmarva Peninsula and Validation of NEXRAD Data and Models for the Northeastern, US	\$0	\$0	\$22,356
71	2015-01-31-73	HE/University of Delaware	Fine-Grain Resource Management Through Self-Awareness	\$128,204	\$0	\$0
72	2015-01-31-74	HE/University of Delaware	Virtual Memory and Massively Multi-Core Architecture: A Challenge and Opportunity	\$128,204	\$0	\$0
73	2015-01-31-75	HE/University of Delaware	XPS:FULL:DSD:Exploiting parallelism and scalability of a discrete unified gas kinetic scheme towards rigorous simulation of compressible multiphase flows	\$659,704	\$0	\$0
74	2015-01-31-76	HE/University of Delaware	DMREF: Collaborative Research: Nanoporous non-precious metal catalysts for energy applications	\$528,862	\$0	\$0
75	2015-01-31-77	HE/University of Delaware	Chi Chester duPont Foundation to provide financial aid	\$0	\$0	\$30,000
76	2015-01-31-78	HE/University of Delaware	Integrating Cover Crops to Improve Management of Herbicide Resistant Weeds in No-Till Soybean Production Systems	\$0	\$0	\$13,257
77	2015-01-31-79	HE/University of Delaware	Stewardship Assistant Intern	\$0	\$0	\$5,000
78	2015-01-31-80	HE/University of Delaware	DMREF:Collaborative Research:Tailoring Novel III-V-Based Hybrid Materials for Device Applications with New Predictive Design Capabilities	\$803,636	\$0	\$0
79	2015-01-31-81	HE/University of Delaware	Expansion of the fear circuit in the rat brain	\$775,000	\$0	\$0
80	2015-01-31-82	HE/University of Delaware	Materials in Extreme Dynamic Environments (MEDE) Collaborative Research Alliance (CRA)	\$0	\$0	\$723,059
81	2015-01-31-83	HE/University of Delaware	STS: Standard Grant: Out of the Echo Chamber - Bringing Publicness to the Online Public Sphere	\$297,013	\$0	\$0
82	2015-01-31-84	HE/University of Delaware	DMREF: Collaborative Research: Control and prediction of the nanostructures formed by multi-block peptide-polymer hybrids	\$707,640	\$0	\$0
83	2015-01-31-85	HE/University of Delaware	Investigating Native Bee Diversity and Genetic Structure in Mid-Atlantic Woodlands	\$0	\$0	\$4,000
84	2015-01-31-86	HE/University of Delaware	Adverse Neurogenic Actions of Dietary Salt	\$0	\$0	\$340,539

85	2015-01-31-87	HE/University of Delaware	Mixed finite elements and weak Galerkin finite elements	\$0	\$0	\$30,000
86	2015-01-31-88	HE/University of Delaware	Total Knee Replacement Study	\$0	\$0	\$39,494
87	2015-01-31-89	HE/University of Delaware	Modified Live Vaccines of Infectious Laryngotracheitis Virus	\$0	\$0	\$48,264
88	2015-01-31-90	HE/University of Delaware	Thymol nanoparticles to improve broiler gut health and meat quality	\$0	\$0	\$51,700
89	2015-01-31-91	HE/University of Delaware	Accurate and Efficient Modeling of Ionic Interactions: Charge Redistribution, Polarization and Dispersion	\$0	\$0	\$271,999
90	2015-01-31-92	HE/University of Delaware	Office of Education - Student Support Services Program - grant application 2015/20	\$269,911	\$0	\$0
91	2015-01-31-93	HE/University of Delaware	Exploring patterns which vary across scale in ice-covered seas using open-source tools including self-organizing maps	\$90,000	\$0	\$0
92	2015-01-31-94	HE/University of Delaware	Small Business Administration Cooperative Agreement FY14-15	\$7,014	\$0	\$0
93	2015-01-31-95	HE/University of Delaware	Impacts of Irrigation and Wind Turbines on Land-Atmosphere Interactions and Coupled Prediction	\$30,000	\$0	\$0
94	2015-01-31-96	HE/University of Delaware	Promoting Recovery Optimization With Walking Exercise After Stroke	\$3,158,821	\$0	\$0
95	2015-01-31-97	HE/University of Delaware	Problem based learning approaches prompt women's underperformance and attrition in STEM domains	\$1,483,669	\$0	\$0
96	2015-01-31-98	HE/University of Delaware	National Science Foundation Doctoral Dissertation Research: Justice Dissonance And Prisoner Reentry: Service Provider's Discretion And Perceptions Of Law, Justice And Fairness	\$10,174	\$0	\$0
97	2015-01-31-99	HE/University of Delaware	APS Fellowship Akuczmariski 15	\$0	\$0	\$5,600
98	2015-02-01-01	HE/University of Delaware	APS Fellowship Coyle 15	\$0	\$0	\$5,600
99	2015-02-01-02	HE/University of Delaware	Will perform a quantitative data consultation for family center data.	\$0	\$0	\$18,732
100	2015-02-01-03	HE/University of Delaware	Designing Efficient Nanostructured Polymer Electrolytes Using Tapered Block Polymers - Joint Experiment and Theory Effort in Controlled Interface Design	\$264,185	\$0	\$0
101	2015-02-01-04	HE/University of Delaware	Concrete Tie Improvement Study	\$0	\$0	\$233,684
102	2015-02-01-05	HE/University of Delaware	Shelf-Basin Acoustics, Noise, and Oceanography	\$652,513	\$0	\$0
103	2015-02-01-06	HE/University of Delaware	SBIR Phase II: Integration of carbohydrate and gaseous fermentations for maximum C3 and C4 chemical yield	\$61,630	\$0	\$0
104	2015-02-01-07	HE/University of Delaware	REU Supplemental Request	\$12,500	\$0	\$0
105	2015-02-01-08	HE/University of Delaware	Metamaterial Enabled UV Transmission Filters	\$0	\$0	\$33,092
108	2012-04-30-19 Amendment	HE/Delaware State University	Living Marine Resources Cooperative Center (LMRSC)	\$457,647	\$0	\$0
106	2015-02-01-09	HE/Delaware State University	Changing the Equation for Science and Mathematics Learning at an HBCU	\$3,278,618	\$0	\$0

107	2015-02-01-10	HE/Delaware State University	Theoretical Study of Basic Atomic Processes in an Ultracold Rydberg Gas	\$588,196	\$0	\$0
109	2015-02-01-11	HE/Delaware State University	Optimization Light Absorption in Solution Processed Solar Photostatics	\$598,992	\$0	\$0
110	2015-02-01-12	HE/Delaware State University	Efficient Numerical Methods for Radar Target Signature Analysis	\$598,992	\$0	\$0
111	2015-02-01-13	HE/Delaware State University	Cyber Infused Mathematics Initiative	\$399,972	\$0	\$0
112	2015-02-01-14	HE/Delaware State University	DMREF: Collaborative Research: Nanoporous Non-Precious Metal Catalysts for Energy Application	\$239,920	\$0	\$0
113	2015-02-01-15	HE/Delaware State University	Implementing Project: Changing the Equation for Science and Mathematics	\$1,747,921	\$0	\$0
114	2015-02-01-16	HE/Delaware State University	Targeting Infusion Project: Enhancing Undergraduate Education and Research Laboratories in Engineering Physics	\$422,592	\$0	\$0
115	2015-02-01-17	HE/Delaware State University	DMRED: Collaborative Research: Design, Synthesis, and Characterization of Hybrid Nanoporous Funtional Materials	\$531,892	\$0	\$0
116	2015-02-01-18	HE/Delaware State University	Title X	\$0	\$0	\$11,835
117	2015-02-01-19	HE/Delaware State University	Agricultural Marketing Service Technical Assistance (AMSTA) Project: A Farmers Market and Local Food Promotion Program Grant Writing Workshop	\$7,884	\$0	\$0
118	2015-02-01-20	HE/Delaware State University	O*STAR Center- Optics for Space Technology & Applied Research Center	\$6,093,561	\$0	\$0
119	2015-01-31-01	HE/Delaware Technical and Community College	INBRE (Idea Network of Biomedical Research Excellence)	\$118,652	\$0	\$0
120	2015-01-31-02	HE/Delaware Technical and Community College	FY 16 Student Support Services (SSS)	\$279,172	\$0	\$0

# Delaware State Clearinghouse Committee Agenda

**March 31, 2015**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business</b>									
1	<a href="#">2115</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
2	<a href="#">2184</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness - Supplemental for Ebola Preparedness and Response	\$1,287,284	\$0	\$0	0.00	0.00	0.00
3	<a href="#">2186</a>	Department of Health and Social Services, Social Services	Delaware Wonder	\$20,850,077	\$0	\$0	0.00	0.00	0.00
4	<a href="#">2166</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Children in Nature Chesapeake Bay Watershed	\$238,012	\$10,000	\$0	0.00	0.00	0.00
5	<a href="#">2172</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware National Estuarine Research Reserve - Land Acquisition for Blackbird Creek Reserve	\$546,005	\$546,005	\$0	0.06	0.00	0.00
6	<a href="#">2173</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware National Estuarine Research Reserve - Construction of Exhibits Phase II	\$230,000	\$98,572	\$0	0.00	0.00	0.00
7	<a href="#">2180</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Thousand Acre Marsh Wetland Protection Project	\$731,399	\$656,760	\$0	0.00	0.00	0.00
8	<a href="#">2015-01-26-02</a>	Delaware Technical and Community College, Office of the President	Trade Adjustment Assistance Community College and Career Training	\$2,394,110	\$0	\$0	1.00	0.00	0.00
<b>Continued</b>									
9	<a href="#">2171</a>	Executive, Criminal Justice, Criminal Justice Council	John R. Justice	\$30,000	\$0	\$0	0.00	0.00	0.00
10	<a href="#">2182</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	State Health Insurance Assistance Program	\$200,622	\$0	\$0	2.00	0.00	0.00
11	<a href="#">2167</a>	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families - Contingency	\$3,206,499	\$3,206,499	\$0	0.00	0.00	0.00
12	<a href="#">2183</a>	Department of Health and Social Services, Public Health, Community Health	Pregnancy Risk Assessment Monitoring System	\$120,505	\$144,348	\$0	1.66	0.74	0.00
13	<a href="#">2013-06-20-05 Amendment</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Nutrition Education	\$599,117	\$0	\$0	0.00	0.00	0.00
14	<a href="#">2174</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware Sciaenid Research	\$10,263	\$3,421	\$0	0.08	0.02	0.00
15	<a href="#">2176</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Information Technology	Information Exchange Network Grant	\$291,000	\$0	\$0	0.00	0.00	0.00
16	<a href="#">2153</a>	Department of Agriculture, Animal Health	Umbrella National Surveillance	\$205,618	\$0	\$0	0.00	0.00	0.00
17	<a href="#">2038 Amendment</a>	Department of Agriculture, Agriculture, Plant Industries	Emerald Ash Borer Survey	\$2,430	\$0	\$0	0.00	0.00	0.00

Higher Education

1	2015-02-28-01	HE/University of Delaware	Bakhtin by and for Educators	\$0	\$0	\$50,000
2	2015-02-28-02	HE/University of Delaware	Collaborative Research: The Effect of Sand Fraction and Event Evolution on Fine-Sediment Transport and the Deposition Record in Wave-Supported Mud Flows	\$0	\$0	\$178,190
3	2015-02-28-03	HE/University of Delaware	USGS WRC Shober Intern 15	\$12,890	\$0	\$0
4	2015-02-28-04	HE/University of Delaware	Circulating Ossified Particles, Blood Vessel Ossification and Blood Cell Counts	\$1,250,000	\$0	\$0
5	2015-02-28-05	HE/University of Delaware	Protection Provided by Multivalent Infectious Bronchitis Virus Vaccines Against Challenge with Current U.S. Strains and Variants	\$0	\$0	\$62,590
6	2015-02-28-06	HE/University of Delaware	BIAD Soccer Kaminski 15	\$0	\$0	\$990
7	2015-02-28-07	HE/University of Delaware	RII Track-2 FEC: An Algae-based Platform for the Production of Food and Fuel from Waste Water and Carbon Dioxide	\$0	\$0	\$730,341
8	2015-02-28-08	HE/University of Delaware	Harnessing Endogenous and Exogenous Cues to Deliver Immunotherapies to Melanoma	\$1,623,936	\$0	\$0
9	2015-02-28-09	HE/University of Delaware	Assessment of Probiotics on Production Performance and Environmental Footprint of Broilers	\$0	\$0	\$52,038
10	2015-02-28-10	HE/University of Delaware	Soft Materials Research Center	\$0	\$0	\$118,915
11	2015-02-28-11	HE/University of Delaware	Improving Mobility After Chronic Stroke With Non-Invasive Brain Stimulation	\$275,000	\$0	\$0
12	2015-02-28-12	HE/University of Delaware	Transition Metal Catalyzed Reactions for the Installation of Heteroatoms into Organic Molecules	\$0	\$0	\$75,000
13	2015-02-28-13	HE/University of Delaware	Improving Rehabilitation After Total Hip Arthroplasty	\$275,000	\$0	\$0
14	2015-02-28-14	HE/University of Delaware	Evaluating the Efficacy of Using Translocation and Parent-Reared Chicks to Recover BobwhitePopulations in Mid-Atlantic States	\$0	\$0	\$101,635
15	2015-02-28-15	HE/University of Delaware	Evaluating Risks of Autism Based on Gut Microbiome Composition	\$0	\$0	\$50,440
16	2015-02-28-16	HE/University of Delaware	Changes in Post-Stroke Propulsive Gait Dynamics as a Result of Handrail Use During Treadmill Walking	\$100,000	\$0	\$0
17	2015-02-28-17	HE/University of Delaware	Production of Renewable Acrylic Acid via Catalytic Dehydration of Lactic Acid: Mechanistic Studies and Catalysts Design	\$6,000	\$0	\$0
18	2015-02-28-18	HE/University of Delaware	Probing Spin Currents Using Spatially and Temporally Resolved Soft X-ray	\$315,378	\$0	\$0
19	2015-02-28-19	HE/University of Delaware	Resin Infusible Carbon Fiber Unidirectional Broadgoods for Fatigue Dominated Applications	\$0	\$0	\$31,730
20	2015-02-28-20	HE/University of Delaware	Kroll: Spatial Patterns of Ecosystem Quality, Public Perception and Willingness to Pay: Advancing Techniques for Non-Use Valuation	\$105,000	\$0	\$0
21	2015-02-28-21	HE/University of Delaware	Void Removal from Dual Scale Fibrous Reinforcement during Composite Processing	\$226,717	\$0	\$0

22	2015-02-28-22	HE/University of Delaware	Impacts of Manganese Oxides and Arsenic on Soil Organic Carbon Reactivity	\$149,996	\$0	\$0
23	2015-02-28-23	HE/University of Delaware	Project PROPEL - Preceptor Relationships Organized Providing Exceptional Learning	\$2,013,238	\$0	\$0
24	2015-02-28-24	HE/University of Delaware	External inputs vs. internal processes in controlling CO2 gas exchange and metabolic balance in the Delaware estuary	\$514,185	\$0	\$0
25	2015-02-28-25	HE/University of Delaware	Dietary Sodium, Vascular Function, and Chronic Kidney Disease	\$289,518	\$0	\$0
26	2015-02-28-26	HE/University of Delaware	Electro-Optically Guided RADAR Imaging	\$0	\$0	\$129,026
27	2015-02-28-27	HE/University of Delaware	Collaborative Proposal: Multi-Perspective Evacuation Performance Measurement	\$135,749	\$0	\$0
28	2015-02-28-28	HE/University of Delaware	Measuring fNIRS-Based Brain Activity During Interpersonal Synchrony in ASD	\$0	\$0	\$434,278
29	2015-02-28-29	HE/University of Delaware	NIST Surf 2015 - Gaithersburg	\$19,000	\$0	\$0
30	2015-02-28-30	HE/University of Delaware	NIST Surf 2015 - Boulder	\$19,000	\$0	\$0
31	2015-02-28-31	HE/University of Delaware	Collaborative Research: Combined Experimental/Numerical Investigation of Spray Generation, Transport, and Momentum Flux Modification	\$329,948	\$0	\$0
32	2015-02-28-32	HE/University of Delaware	Anaerobic Sulfide Oxidation in the Stratified Chesapeake Bay	\$520,453	\$0	\$0
33	2015-02-28-33	HE/University of Delaware	Development of Molecular Simulation and Scattering Techniques for Probing Solvent Interactions in Block Polymer Thin Films During Solvent Vapor Annealing	\$259,503	\$0	\$0
34	2015-02-28-34	HE/University of Delaware	USDA Eli Seyfferth 15	\$149,310	\$0	\$0
35	2015-02-28-35	HE/University of Delaware	A 3D Photonic Sensor-Integrated Tumor Model for Force Mapping	\$323,269	\$0	\$0
36	2015-02-28-36	HE/University of Delaware	Temporary Crack Repairs for Aluminum Structures on Surface Ships	\$0	\$0	\$16,026
37	2015-02-28-37	HE/University of Delaware	Resin Infusible Carbon Fiber Unidirectional Broadgoods for Fatigue Dominated Applications	\$0	\$0	\$19,195
38	2015-02-28-38	HE/University of Delaware	Kessler Foundation Signature Employment Grants to Support Non-Traditional Solutions That Increase Employment Outcomes for Individuals with Disabilities	\$0	\$0	\$400,904
39	2015-02-28-39	HE/University of Delaware	Do Head Accelerations Differ between Player Position, Type of Impact, and Location of Impact in NCAA Division-I Women's Soccer Players?	\$0	\$0	\$1,000
40	2015-02-28-40	HE/University of Delaware	Doctoral Dissertation Research: River Network Fragmentation, Climate Change and Perceptions of Surface Water Sustainability in the Central Great Plains, USA	\$7,820	\$0	\$0
41	2015-02-28-41	HE/University of Delaware	Photon Ratchet: A New Paradigm for Photon Upconversion	\$0	\$0	\$1,000,002
42	2015-02-28-42	HE/University of Delaware	Collaborative Proposal: Development, Experimental Validation and Case Studies for the Next Generation of Landslide Tsunami Models for Coastal Hazard Mitigation	\$167,074	\$0	\$0
43	2015-02-28-43	HE/University of Delaware	Clinically Applicable Concussion Dual Task Assessments	\$0	\$0	\$1,000



44	2015-02-28-44	HE/University of Delaware	Effects of Fatigue and Injury on the King Devick Test Across a Field Hockey Season	\$0	\$0	\$1,000
45	2015-02-28-45	HE/University of Delaware	Understanding the Stress-Strain Behavior of Cement-Treated Clays: A Micro-to-Macro Approach	\$359,173	\$0	\$0
46	2015-02-28-46	HE/University of Delaware	Collaborative Research: Long Timescale Constitutive Response of Hydrogels	\$342,718	\$0	\$0
47	2015-02-28-47	HE/University of Delaware	Cellular Regulation of TRPV4 Channel Gating	\$447,165	\$0	\$0
48	2015-02-28-48	HE/University of Delaware	RII Track-2 FEC: Clean Energy to Food Security Nexus in Plant Nutrient Life Cycle	\$0	\$0	\$1,067,869
49	2015-02-28-49	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	\$203,624
50	2015-02-28-50	HE/University of Delaware	Safeguarding Food Security by Optimizing Rhizosphere Processes that Limit Green Water Availability and Productive Flow	\$0	\$0	\$388,915
51	2015-02-28-51	HE/University of Delaware	The Recent North Atlantic Subsurface Warming and its Implication on the Global Surface Warming Hiatus	\$318,777	\$0	\$0
52	2015-02-28-52	HE/University of Delaware	Mechanical and Genetic Regulation of Multiscale Smooth Muscle Contractions that Drive Airway Morphogenesis	\$213,408	\$0	\$0
53	2015-02-28-53	HE/University of Delaware	Sensing Mechanisms in Composite Sensor Materials: Effect of Surface Function on the Sensing Mechanisms	\$333,550	\$0	\$0
54	2015-02-28-54	HE/University of Delaware	Hydrogeology Support Lab (Core D)	\$0	\$0	\$21,017
55	2015-02-28-55	HE/University of Delaware	Using Mobile Devices to Study Daily Diabetes Management in Marital Context	\$318,483	\$0	\$0
56	2015-02-28-56	HE/University of Delaware	Hypoxia Driven Changes in Phosphorus Cycling in the Chesapeake Bay	\$265,608	\$0	\$0
57	2015-02-28-57	HE/University of Delaware	Adhesion-Derived Biomimetic Patterns for Lineage-Specific Stem Cell Differentiation	\$278,708	\$0	\$0
58	2015-02-28-58	HE/University of Delaware	JPMC PHD Research CHEN Year 1	\$0	\$0	\$200,000
59	2015-02-28-59	HE/University of Delaware	Lightweight Radiation Shielding for Transportable Rigid Wall Shelters	\$0	\$0	\$29,488
60	2015-02-28-60	HE/University of Delaware	2015 4-H Healthy Living Grant Supported by Con Agra Foundation	\$0	\$0	\$135,000
61	2015-02-28-61	HE/University of Delaware	Brain Activity During Joint Loading in ACL Patients	\$0	\$0	\$2,500
62	2015-02-28-62	HE/University of Delaware	NASA National Space Grant College and Fellowship Program	\$841,672	\$0	\$0
63	2015-02-28-63	HE/University of Delaware	RII Track-2 FEC: Center for Advanced Renewable Materials (CARMA)	\$5,084,642	\$0	\$0
64	2015-02-28-64	HE/University of Delaware	NSF VEC: Small: Collaborative Research: Joint Compressive Spectral Imaging and 3D Ranging Sensing Using a Commodity Time-Of-Flight Range Sensor Arce	\$206,464	\$0	\$0
65	2015-02-28-65	HE/University of Delaware	Using Electric Vehicles to Balance Fluctuations in Offshore Wind Generation: A Realistic Experiment and an Implementation Model for the US East Coast	\$0	\$0	\$1,236,863
66	2015-02-28-66	HE/University of Delaware	Extreme Weather Impacts on Run-off Carbon and Drinking Water Utilities: Assessment for Watersheds Across the Northeast and the Mid-Atlantic	\$249,999	\$0	\$0

67	2015-02-28-67	HE/University of Delaware	Integrated Broadband Optical Links	\$0	\$0	\$28,970
68	2015-02-28-68	HE/University of Delaware	Diamond Challenge Pakistan: Bringing State of the Art Entrepreneurship Education to the Youth of Pakistan	\$164,018	\$0	\$0
69	2015-02-28-69	HE/University of Delaware	Supplement: A Platform for CHO Biomanufacturing Systems Biology	\$107,758	\$0	\$0
70	2015-02-28-70	HE/University of Delaware	EAGER: Enabling Faster Genome Editing for Advanced Biomanufacturing Applications	\$201,419	\$0	\$0
71	2015-02-28-71	HE/University of Delaware	Microdroplet Characterization of Resin/Glass Fiber Adhesion	\$0	\$0	\$16,025
72	2015-02-28-72	HE/University of Delaware	In-Sit Surface Analysis Combining Ambient Pressure X-ray Photoelectron Spectroscopy with Surface Fluorescence and Online Mass Spectrometry	\$0	\$0	\$40,000
73	2015-02-28-73	HE/University of Delaware	Narrowband LWIR Filters	\$30,288	\$0	\$0
74	2015-02-28-74	HE/University of Delaware	VEC: Small: Collaborative Research: Light-Field-Driven Visual Inference	\$210,336	\$0	\$0
75	2015-02-28-75	HE/University of Delaware	DOD MURI: Can Fractional Order Models Do More Justice to Anomalous Behavior than Familiar Classical Order Models Do ?	\$195,396	\$0	\$0
76	2015-02-28-76	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	\$28,846
77	2015-02-28-77	HE/University of Delaware	Low-Travel Isolated Flooring System	\$0	\$0	\$23,718
78	2015-02-28-78	HE/University of Delaware	Resin Infusible Carbon Fiber Unidirectional Broadgoods for Fatigue Dominated Applications	\$0	\$0	\$31,987
79	2015-02-28-79	HE/University of Delaware	An Economic Model of Recreational Fishing on the Delaware Bay: NMFS/Sea Grant Marine Resource Economics Graduate Fellowship Yosef Shirazi	\$72,500	\$0	\$0
80	2015-02-28-80	HE/University of Delaware	Supplement to: The Influence of Capsule Composition on Lens Biology	\$196,944	\$0	\$0
81	2015-02-28-81	HE/University of Delaware	A Multi-Physics Nano-Engineered NDE Technique for Organic Matrix Composite Leading Edges	\$0	\$0	\$33,429
82	2015-02-28-82	HE/University of Delaware	Real-time Monitoring of Composite Components Using Carbon Nanotube Networks for Zero-Maintenance Aircraft Structures	\$0	\$0	\$33,626
83	2015-02-28-83	HE/University of Delaware	Optimum Design of Nano-Engineered Conductive Networks and Their Seams for Parachute Applications	\$0	\$0	\$33,429
84	2015-02-28-84	HE/University of Delaware	NCC 4-H/Youth Development Educator County Fund	\$0	\$0	\$84,000
85	2015-02-28-85	HE/University of Delaware	Compact Passive Millimeter Wave Sensor for GPS-Denied Navigation	\$0	\$0	\$33,165
86	2015-02-28-86	HE/University of Delaware	Sustainable Textile and Apparel Education for College Students and theGeneral Public in Delaware	\$60,265	\$0	\$0
87	2015-02-28-87	HE/University of Delaware	Design and Fabrication of Highly Linear Electro-Optic Modulators	\$0	\$0	\$4,808
88	2015-02-28-88	HE/University of Delaware	CyberSEES: Type 2: Collaborative Research: A Stakeholder-Engaging Cyber-Civil Infrastructure Management Methodology	\$529,204	\$0	\$0
89	2015-02-28-89	HE/University of Delaware	Solar Fuel Production from Abundant Sources	\$347,340	\$0	\$0



90	2015-02-28-90	HE/University of Delaware	REU Supplement to DMR-1207041: Combined Solvent Annealing and Shear Alignment of Tapered Block Polymers Films to Generate Nanoscale Networks	\$5,000	\$0	\$0
91	2015-02-28-91	HE/University of Delaware	Iowa/Army Balanced Composite Substrate, Kiamilev	\$0	\$0	\$121,366
92	2015-02-28-92	HE/University of Delaware	Equipment Supplement for 1R01GM102358	\$106,005	\$0	\$0
93	2015-02-28-93	HE/University of Delaware	Sensitizing Cancer to Chemotherapy with Gli1 Inhibitory Nanoparticles	\$281,512	\$0	\$0
94	2015-02-28-94	HE/University of Delaware	Oviductal Exosomes: Role in Sperm Function and the Health of the Offspring	\$1,250,000	\$0	\$0
95	2015-02-28-95	HE/University of Delaware	Electro-Optically Guided Radar Imaging	\$0	\$0	\$129,026
96	2015-02-28-96	HE/University of Delaware	Reducing the Incidence of Secondary Knee Osteoarthritis - The Risk-OA Trial	\$451,508	\$0	\$0
97	2015-02-28-97	HE/University of Delaware	UD I/UCRC: Addition of UD as a New Site within the Center for Pharmaceutical Development	\$208,333	\$0	\$0
98	2015-02-28-98	HE/University of Delaware	Developing a Detailed Alkylation Model	\$0	\$0	\$295,107
99	2015-02-28-99	HE/University of Delaware	Magic Angle Spinning NMR of Microtubule-Associated Protein Assemblies	\$1,951,405	\$0	\$0
100	2015-03-01-01	HE/University of Delaware	Equipment Supplement for 1R01GM111820-01	\$106,005	\$0	\$0
101	2015-03-01-02	HE/University of Delaware	Rapid Deployment of Heterogeneous Robot Teams: Abstractions, Algorithms and Experimentation	\$0	\$0	\$74,871
102	2015-03-01-03	HE/University of Delaware	Structural Health Monitoring of Bridges Using Eulerian-based Virtual Visual Sensors from Digital Videos	\$0	\$0	\$96,717
103	2015-03-01-04	HE/University of Delaware	Promoting Ethical STEM Practices through Educational Outreach	\$0	\$0	\$89,745
104	2015-03-01-05	HE/University of Delaware	A Hydrogel-Based Cellular Model of the Human Vocal Fold	\$2,588,778	\$0	\$0
105	2015-03-01-06	HE/University of Delaware	An Investigation of Wave-Driven Upper Ocean Turbulence: Influence of Non-Equilibrium Waves	\$261,382	\$0	\$0
106	2015-03-01-07	HE/University of Delaware	Measurement and Enhancement of Abiotic Attenuation Processes in Groundwater	\$0	\$0	\$136,114
107	2015-03-01-08	HE/University of Delaware	Migration of Petrographic Thin Section and Radiocarbon Data Bases to the Internet	\$11,500	\$0	\$0
108	2015-03-01-09	HE/University of Delaware	Information Metrics for Reliable Uncertainty Quantification in Materials Design	\$0	\$0	\$754,425
109	2015-03-01-10	HE/University of Delaware	Impact of Neonatal Infection on the Development of Hippocampal-Dependent Learning	\$1,250,000	\$0	\$0
110	2015-03-01-11	HE/University of Delaware	Silicon Photonic enabled Reconfigurable High-Data Rate Optical WDM Switching Fabrics for Advanced Digital Networking Applications	\$0	\$0	\$32,443
111	2015-03-01-12	HE/University of Delaware	Managing Sub-Surface Drip Irrigation for Maximum Profitability in Corn	\$0	\$0	\$15,817
112	2015-03-01-13	HE/University of Delaware	Determining the Ideal Irrigation Strategy for High Intensity Corn	\$0	\$0	\$27,395

113	2015-03-01-14	HE/Delaware State University	Advanced Nanomaterials for Energy Research & Applications (ANERA)	\$999,246	\$0	\$0
114	2015-03-01-15	HE/Delaware State University	DSU Internation Research Experience for AMP Students in China (CHINA AMP)	\$26,500	\$0	\$0
115	2015-03-01-16	HE/Delaware State University	Human Resources Intern- Acivity #18	\$2,592	\$0	\$0
116	2015-03-01-17	HE/Delaware State University	Summer Transportation Institute 2015- Activity #19	\$68,270	\$0	\$0
117	2015-03-01-18	HE/Delaware State University	Assessing the Mechanisms of SUMOylation in DAT and alpha-synuclein in Parkinson's disease pathology	\$425,819	\$0	\$0
118	2015-03-01-19	HE/Delaware State University	Education through Innovative Research: Novel Plasmonic Semiconductors	\$98,588	\$0	\$0
119	2015-03-01-20	HE/Delaware State University	Understandinf Epigenomic And Transcriptome Regulation of the Rust Response in Switchgrass	\$1,198,593	\$0	\$0
120	2015-03-01-21	HE/Delaware State University	Drink a Little Think A Lot	\$0	\$0	\$4,913
121	2015-01-31-01 Amendment	HE/Delaware Technical and Community College	INBRE (Idea Network of Biomedical Research Excellence)	\$75,897	\$0	\$0
122	2015-03-01-22	HE/Delaware Technical and Community College	MEP NIST Delaware Manufacturing Extension Partnership	\$500,000	\$0	\$0

# Delaware State Clearinghouse Committee Agenda

**April 28, 2015**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business</b>									
1	<a href="#">2203</a>	Department of Health and Social Services, Public Health, Community Health	Domestic Ebola Supplement to Epi and Lab Capacity	\$1,217,696	\$0	\$0	1.00	0.00	0.00
2	<a href="#">2190</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Restoration Outreach	\$73,875	\$24,625	\$0	0.09	0.09	0.00
3	<a href="#">2191</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Old Meadow Farm Acquisition	\$640,486	\$490,000	\$0	0.00	0.00	0.00
<b>Continued</b>									
4	<a href="#">1992 Amendment</a>	Other Elective, Insurance Commissioner, Bureau of Examination, Rehabilitation and Guaranty	Medicare Improvements for Patients and Providers Act	\$43,832	\$0	\$0	0.00	0.00	0.00
5	<a href="#">2179</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="#">2187</a>	Department of Health and Social Services, State Service Centers	Community Services Block Grant	\$3,551,915	\$0	\$0	1.75	0.00	0.00
7	<a href="#">2202</a>	Department of Health and Social Services, Public Health, Community Health	State Office of Rural Health	\$172,950	\$1,335,357	\$0	1.25	0.00	0.00
8	<a href="#">2189</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Particulate Matter 2.5 - Air Quality Monitoring	\$311,018	\$0	\$0	1.50	0.00	0.00
9	<a href="#">2192</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Atlantic Flyway Canada Goose Cooperative Research and Survey Program	\$13,866	\$4,622	\$0	0.00	0.00	0.00
10	<a href="#">2198</a>	Department of Safety and Homeland Security, State Police, Criminal Investigation	Delaware Information and Analysis Center Maritime Enhancements	\$220,000	\$0	\$0	0.00	0.00	0.00
11	<a href="#">2200</a>	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	\$733,083	\$175,162	\$0	5.20	1.30	0.00
12	<a href="#">2015-02-11-01</a>	Department of Safety and Homeland Security, State Police, Aviation	Marijuana Eradication	\$12,000	\$0	\$0	0.00	0.00	0.00
13	<a href="#">2204</a>	Department of Labor, Employment and Training, Employment and Training Services	Trade Adjustment Assistance	\$724,306	\$0	\$0	1.25	0.00	0.00
<b>Higher Education</b>									
1	2015-03-28-01	HE/University of Delaware	Molecular Mechanisms Of Aniridia Fibrosis Syndrome	\$0	\$0	\$2,500			

2	2015-03-28-02	HE/University of Delaware	Moment-Based Computational Methods for Inferring Complex Biological Networks	\$182,811	\$0	\$0
3	2015-03-28-03	HE/University of Delaware	Microgrid And District Energy Project Byrne	\$0	\$0	\$100,000
4	2015-03-28-04	HE/University of Delaware	Terra Foundation Convening Grant McGee	\$0	\$0	\$16,898
5	2015-03-28-05	HE/University of Delaware	T-type Voltage Sensitive Calcium Channels in Mechanotransduction.	\$1,250,000	\$0	\$0
6	2015-03-28-06	HE/University of Delaware	microRNA Regulation of the Wnt Signaling Pathway is Essential for Proper Cellular	\$0	\$0	\$1,000
7	2015-03-28-07	HE/University of Delaware	NCAA-DoD Grand Alliance: Concussion Assessment, Research and Education (CARE) Consortium - Longitudinal Clinical Study Core (CSC)	\$0	\$0	\$227,535
8	2015-03-28-08	HE/University of Delaware	Stochastic Methods for Studying Complex Regulatory Circuits Inside Living Cells	\$0	\$0	\$418,921
9	2015-03-28-09	HE/University of Delaware	Impact of Hydrocarbon Remineralization on Seawater Carbonate Chemistry in the Northern Gulf of Mexico (nGOM)	\$0	\$0	\$234,970
10	2015-03-28-10	HE/University of Delaware	Control of L. monocytogenes, Salmonella spp. and Shiga Toxin-Producing E. coli in Foods Using Novel Phenolic Branched-Chain Fatty Acids	\$129,484	\$0	\$0
11	2015-03-28-11	HE/University of Delaware	Evaluation of the Efficacy of Antimicrobial Agents to Prevent the Transfer of Listeria Monocytogenes From Existing Biofilms to Produce or Processing Surfaces	\$0	\$0	\$104,553
12	2015-03-28-12	HE/University of Delaware	Characterization And Mitigation Of Ag Contact Degradation For Improved Reliability Of c-Si Modules	\$563,963	\$0	\$0
13	2015-03-28-13	HE/University of Delaware	Nemours Foundation/ Medicaid Asthma	\$0	\$0	\$79,205
14	2015-03-28-14	HE/University of Delaware	A Microalgae-Based Platform for the Beneficial Reuse of CO2 Emissions from Power Plants	\$0	\$0	\$145,740
15	2015-03-28-15	HE/University of Delaware	Systems Biology Approaches for Evaluating the Response of the Eastern Oyster Holobiont to Petroleum Exposure	\$0	\$0	\$1,507,879
16	2015-03-28-16	HE/University of Delaware	Probing the Ionic Liquid-vapor Interface by Ambient Pressure X-ray Photoelectron Spectroscopy	\$0	\$0	\$110,000
17	2015-03-28-17	HE/University of Delaware	Measuring and Predicting the Natural and Enhanced Rate and Capacity of Abiotic Reduction of Munition Constituents	\$900,510	\$0	\$0
18	2015-03-28-18	HE/University of Delaware	Pathomechanical Adaptations in Adolescent Baseball Pitchers	\$0	\$0	\$9,652
19	2015-03-28-19	HE/University of Delaware	Textile And Apparel Curriculum Development For A Sustainable Future	\$115,462	\$0	\$0
20	2015-03-28-20	HE/University of Delaware	Stabilization of Polymer-Based Nanocomposites Using Grafting of Highly Incompatible Copolymers	\$0	\$0	\$110,000
21	2015-03-28-21	HE/University of Delaware	DENSO Research Agreement	\$0	\$0	\$12,820
22	2015-03-28-22	HE/University of Delaware	Rapid Scanning Techniques For Identification Of PV Module Failures In The Field	\$709,803	\$0	\$0
23	2015-03-28-23	HE/University of Delaware	QuantTera/AF Phase 2 Quantum Dot GeSn Photonic Devices	\$0	\$0	\$40,261
24	2015-03-28-24	HE/University of Delaware	Early-life Induced Alterations in Epigenetics and Threat Responsiveness	\$275,000	\$0	\$0



25	2015-03-28-25	HE/University of Delaware	The role of Authigenic Silicates in the Stabilization of Labile Organic Matter During Early Stage Diagenesis	\$0	\$0	\$110,000
26	2015-03-28-26	HE/University of Delaware	Tooling Smallholder Farmers in the Face of Climate Change: A Simple and Sustainable Approach to Increase Rice Quantity and Quality through Silica Management	\$182,602	\$0	\$0
27	2015-03-28-27	HE/University of Delaware	Resubmission: Evaluation of a Novel Paradigm to Personalize AFOs for Individuals Post-Stroke	\$275,000	\$0	\$0
28	2015-03-28-28	HE/University of Delaware	Braitmeyer Foundation - Supporting The Career Paths Of Future Delaware Teachers	\$0	\$0	\$35,000
29	2015-03-28-29	HE/University of Delaware	A Plan For NASA/EPSCOR Research Infrastructure Development In Delaware	\$267,857	\$0	\$0
30	2015-03-28-30	HE/University of Delaware	P3: Prevent, Prepare, Protect: Reducing Teen Pregnancy in Delaware	\$0	\$0	\$53,155
31	2015-03-28-31	HE/University of Delaware	Mitigating Ammonia from Broilers Using Probiotic Feed Additives	\$0	\$0	\$36,001
32	2015-03-28-32	HE/University of Delaware	BBN/ARL NS CTA #13765 PY 6 and 7 Cotton	\$0	\$0	\$36,037
33	2015-03-28-33	HE/University of Delaware	Arctic Ocean Ecosystems - Applied Technology, Biological Interactions and Consequences in an Era of Abrupt Climate Change	\$0	\$0	\$23,415
34	2015-03-28-34	HE/University of Delaware	Mid-Atlantic Offshore Carbon Storage Resource Assessment Project	\$218,973	\$0	\$0
35	2015-03-28-35	HE/University of Delaware	Conditions for Giant Planet Formation: A Herschel Study of Raw Materials in Selected Debris Disks	\$2,508	\$0	\$0
36	2015-03-28-36	HE/University of Delaware	Innovative Prioritization, Design and Financing of Conservation Investments to Improve Water Quality	\$0	\$0	\$78,123
37	2015-03-28-37	HE/University of Delaware	Enhancing the Effectiveness of Stream Restoration for Nitrogen Removal	\$0	\$0	\$126,352
38	2015-03-28-38	HE/University of Delaware	A Physics-Based Process Model for Co-Cure Bonding of Honeycomb Core Sandwich Structures	\$0	\$0	\$331,106
39	2015-03-28-39	HE/University of Delaware	Materials to Direct Inflammation and Angiogenesis in Engineered Vascular Grafts	\$0	\$0	\$53,000
40	2015-03-28-40	HE/University of Delaware	GOALI: Collaborative Research: Industrial Implementation of Smart Biopolymers for Purification of Biological Products	\$12,000	\$0	\$0
41	2015-03-28-41	HE/University of Delaware	Collaborative Proposal: DNA Guided Assembly of Enzyme Cascades for Biocatalytic Fuel Cell Applications	\$12,000	\$0	\$0
42	2015-03-28-42	HE/University of Delaware	American Institute for Manufacturing Photonics	\$0	\$0	\$654,596
43	2015-03-28-43	HE/University of Delaware	Track Inspection of Curves with High Cant Deficiency Operations: A Manual for High Speed Passenger/Heavy Axle Freight Operations	\$0	\$0	\$62,016
44	2015-03-28-44	HE/University of Delaware	Development of Effective Methods to Prevent, Monitor and Respond to Foodborne Pathogen Threats to Produce Grown in Greenhouses	\$0	\$0	\$53,400
45	2015-03-28-45	HE/University of Delaware	Direct Conversion of CO2 into Methanol and Dimethyl Ether	\$0	\$0	\$301,709
46	2015-03-28-46	HE/University of Delaware	The National Center on Rehabilitation Outcomes and Assessment Research	\$4,219,778	\$0	\$0

47	2015-03-28-47	HE/University of Delaware	FY 2015 UD USDA/APHIS Plant Diagnostics Work Plan	\$3,363	\$0	\$0
48	2015-03-28-48	HE/University of Delaware	Establishing an Ocean Acidification Mooring Time Series Station in the Chesapeake Bay	\$0	\$0	\$58,641
49	2015-03-28-49	HE/University of Delaware	Novel Application of Pulsed Light Processing to Enhance Post-Harvest Produce Quality	\$358,475	\$0	\$0
50	2015-03-28-50	HE/University of Delaware	NSF Collab Rsch: REU Tear Film Dynamics: Modeling, Blinking And Computation	\$10,150	\$0	\$0
51	2015-03-28-51	HE/University of Delaware	Process Models to Predict Voids and Other Defects during Automated Fiber Placement	\$1,016,740	\$0	\$0
52	2015-03-28-52	HE/University of Delaware	Global-Local Progressive Damage Analysis of Composites under Low Velocity Impact and Compression after Impact Loading in LS-DYNA using MAT54 and MAT162	\$532,767	\$0	\$0
53	2015-03-28-53	HE/University of Delaware	Kaitlin Tucker DE Sea Grant Knauss Fellowship 2016	\$56,500	\$0	\$0
54	2015-03-28-54	HE/University of Delaware	Frances Bothfeld DE Sea Grant Knauss Fellowship 2016	\$56,500	\$0	\$0
55	2015-03-28-55	HE/University of Delaware	Erica Wales DE Sea Grant Knauss Fellowship 2016	\$56,500	\$0	\$0
56	2015-03-28-56	HE/University of Delaware	Symone Johnson DE Sea Grant Knauss Fellowship 2016	\$56,500	\$0	\$0
57	2015-03-28-57	HE/University of Delaware	Synthesis of Time-Series CO2 Observations From the Gray's Reef and Gulf of Marine Moorings	\$0	\$0	\$40,000
58	2015-03-28-58	HE/University of Delaware	Frontal Structures in the Columbia River Plume Nearfield - A Non-Hydrostatic Coastal Modeling Study	\$130,690	\$0	\$0
59	2015-03-28-59	HE/University of Delaware	Multifunction Photon Counting Ladar Development for Long-Range, High-Resolution Three Dimensional Mapping	\$718,492	\$0	\$0
60	2015-03-28-60	HE/University of Delaware	Comparative Effectiveness of Off-the-Shelf versus Custom AFOs with Varied Bending Stiffness Levels	\$0	\$0	\$78,358
61	2015-03-28-61	HE/University of Delaware	Ruggedized, Ultra-Compact, High Dynamic Range, Dual-Output Wideband Electro-Optic Modulator	\$0	\$0	\$167,117
62	2015-03-28-62	HE/University of Delaware	Pathways to Innovation Program	\$0	\$0	\$450
63	2015-03-28-63	HE/University of Delaware	EAGER: SusChEM: Investigating the Structure-Property Relationships of Sugar-Derived Block Copolymers	\$0	\$0	\$80,765
64	2015-03-28-64	HE/University of Delaware	Novel Links Among Rejection, Appetite-Regulation and Food Intake	\$0	\$0	\$19,696
65	2015-03-28-65	HE/University of Delaware	The Genetic Archeology of Modern Maize Breeding: Identifying Useful Genetic and Phenotypic Diversity Through Historical Pedigree Reconstruction	\$0	\$0	\$72,610
66	2015-03-28-66	HE/University of Delaware	The Effect of Soy Isoflavons on Cross-Talk Between Cancer Stem Cells and Immune Cells	\$363,613	\$0	\$0
67	2015-03-28-67	HE/University of Delaware	HHS Healthy Delawareans with Disabilities	\$250,134	\$0	\$0
68	2015-03-28-68	HE/University of Delaware	Multi-scale Defect Physics Integrated Composite Cure Model	\$1,462,605	\$0	\$0

69	2015-03-28-69	HE/University of Delaware	Triggering Plant Basal Immunity: Characterization of Fungal Genes and Plant Responses Underpinning Activation of Host Basal Defense	\$429,683	\$0	\$0
70	2015-03-28-70	HE/University of Delaware	An Underground Answer to an Aboveground Problem: Bacterial-Fungal Interactions That Lead to Plant Protection	\$347,413	\$0	\$0
71	2015-03-28-71	HE/University of Delaware	Sandia Krypton - 81	\$0	\$0	\$15,626
72	2015-03-28-72	HE/University of Delaware	Transient Dynamic/Impact Response using PDA	\$0	\$0	\$296,387
73	2015-03-28-73	HE/University of Delaware	Novel Links Among Rejection, Appetite Regulation, And Food Intake	\$0	\$0	\$12,276
74	2015-03-28-74	HE/University of Delaware	Self-Evaluation and Transition Plan Data Collection Support Under the Americans With Disabilities Act (ADA)	\$2,713	\$0	\$0
75	2015-03-28-75	HE/University of Delaware	Internalization and Dissemination of Human Norovirus and Salmonella in Growing Strawberry and Peanuts	\$0	\$0	\$73,503
76	2015-03-28-76	HE/University of Delaware	Information Processing & Fusion: Vulnerability Detection Using Data-Flow Graphs and SMT Solvers	\$12,443	\$0	\$0
77	2015-03-28-77	HE/University of Delaware	Sensory Processing for Balance Control During Standing and Walking in Children With CP	\$0	\$0	\$92,190
78	2015-03-28-78	HE/University of Delaware	Ab Initio Modeling of Strongly Correlated Thermoelectrics in Inhomogeneous Devices	\$0	\$0	\$288,462
79	2015-03-28-79	HE/University of Delaware	A Biomimetic Heterogeneous Synthetic Matrices for TMJ Condylar Cartilage Repair	\$0	\$0	\$92,060
80	2015-03-28-80	HE/University of Delaware	Dynamic Perturbation Training System for ACL Rehabilitation Phase IIB	\$0	\$0	\$159,456
81	2015-03-28-81	HE/University of Delaware	Collaborative: Dimensions: Cross-Arctic Analysis of Genotype-Phenotype-Phylotype Relationships in Dominant Tundra Soil Microbes	\$632,386	\$0	\$0
82	2015-03-28-82	HE/University of Delaware	Cisco Threat Detection using Distributed Machine Learning and Shared Indicators of Compromise	\$0	\$0	\$174,216
83	2015-03-28-83	HE/University of Delaware	A Cross Sectional Study to Determine Relationships Among Measures of Osteoporosis and Sarcopenia in People With Chronic Spinal Cord Injury and to Compare These Measures Between Those With and Without Lower Extremity Fragility Fractures	\$0	\$0	\$104,229
84	2015-03-28-84	HE/University of Delaware	Rubicon Post Doctoral Researcher	\$0	\$0	\$137,182
85	2014-05-31-08 Amendment	HE/Delaware State University	Renewable Resources- 2014	\$286,496	\$0	\$0
86	2015-03-28-85	HE/Delaware State University	2014 Farm Bill- Producer Education- Delaware State University Extension Services	\$7,300	\$0	\$0
87	2015-03-28-86	HE/Delaware State University	Kent Kids Re-Think Your Drink Campaign	\$0	\$0	\$7,000
88	2015-03-28-87	HE/Delaware State University	Multifunction Photon Counting LADAR Development for Long-Range, High-Resolution Three Dimensional Mapping	\$1,077,850	\$0	\$0
89	2015-03-28-88	HE/Delaware State University	Enhancing Telecommunication Capabilities of the Aquaculture Research and Demonstration Facility to Facilitate K-12 Interaction with DSU Research Scientists	\$590,933	\$0	\$0
90	2015-03-28-89	HE/Delaware State University	Sowing Community Garden Seeds: Using Urban Agriculture to Enhance Food Security and Nutrition for Delaware's Economically At-Risk Residents	\$438,651	\$0	\$0

91	2015-03-28-90	HE/Delaware State University	Addressing the Needs of Niche-Market Poultry Procedures by Establishing a Pastured Poultry Research Unit on the Delmarva Peninsula	\$589,827	\$0	\$0
92	2015-03-28-91	HE/Delaware State University	Organic Specialty Crop Management: Soil Microbial Health and Food Safety on High P Soils in Delmarva	\$20,000	\$0	\$0
93	2015-03-28-92	HE/Delaware State University	Multi-Institutional Student Experiential Learning & Outreach on Sustainable Agriculture, Food Security, and Environmental Health: Future Workforce Preparedness & Adaptation to Climate Change	\$599,999	\$0	\$0
94	2015-03-28-93	HE/Delaware State University	Initiation of a Large-Lands Agricultural Research Program at DSU	\$300,000	\$0	\$0
95	2015-03-28-94	HE/Delaware State University	Collaborative Initiative to Assess & Develop Intervention Programs to Combat Obesity Among Long Income Families	\$249,917	\$0	\$0
96	2015-03-28-95	HE/Delaware State University	Adaptive Modulation of Excitability in Motor Neurons	\$50,000	\$0	\$0
97	2015-03-28-96	HE/Delaware State University	Structural Characterization of Putative Modified Lignin Isolated from Transgenic Homozygous Tobacco Lines Constitutively Expressing a Bacterium Lignin Peroxidase	\$0	\$0	\$75,000
98	2015-03-28-97	HE/Delaware State University	Drink a Little Think A Lot Campus & High Outreach 2015	\$0	\$0	\$2,455
99	2015-03-28-98	HE/Delaware State University	Increasing Horticulture Based Outreach and Extension Program Activities within Delaware Small Farms II	\$248,930	\$0	\$0
100	2015-03-28-99	HE/Delaware State University	Transgenic Cassava with Improved Biomass Yield and Quality of Bioethanol Production	\$299,999	\$0	\$0
101	2015-03-29-01	HE/Delaware State University	Development of Epigenomic Tools in Legumes- Global Understanding of Biotic Stress Methylomes and Transcriptomes in Common Bean	\$499,983	\$0	\$0
102	2015-03-29-02	HE/Delaware State University	Synthesis of Beta-Sitostery Fatty Acid Esters for Incorporation into Reduced Cholesterol Butter and Cheese	\$499,850	\$0	\$0
103	2015-03-29-03	HE/Delaware State University	The Use of Direct Solar Aeration Technology to Improve Water Quality in Water Retention Ponds in DE	\$0	\$0	\$99,511
104	2015-03-29-04	HE/Delaware State University	Nanomaterias Detection in Food, Water, and Environmental Waste by Inductively Coupled Plasma- Mass Spectrometry (ICP-MS)	\$149,838	\$0	\$0
105	2015-03-29-05	HE/Delaware State University	Predicting the Impacts of Climate Change on the Distribution of DE's Invasive Plant Species	\$294,825	\$0	\$0



# Delaware State Clearinghouse Committee Agenda

**May 26, 2015**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business</b>									
1	<a href="#">2231</a>	Department of Health and Social Services, Public Health, Community Health	Hospital Preparedness Program Ebola Prep and Response	\$1,441,784	\$0	\$0	0.00	0.00	0.00
2	<a href="#">2161</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	National Nursing Centers Consortium Environmental Education	\$4,800	\$7,700	\$0	0.00	0.16	0.00
3	<a href="#">2206</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Science at Your Doorstep	\$91,000	\$30,333	\$0	0.00	0.00	0.00
<b>Continued</b>									
4	<a href="#">2201</a>	Department of State, Libraries	Library Services and Technology Act	\$1,026,557	\$594,319	\$0	7.00	8.00	0.00
5	<a href="#">1583 Amendment 2</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Money Follows the Person Rebalancing Demonstration	\$2,372,290	\$249,464	\$0	1.00	0.00	0.00
6	<a href="#">2197</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Administration - Title XIX	\$113,332,683	\$45,313,948	\$0	320.70	267.40	0.00
7	<a href="#">2210</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Senior Community Service Employment Program	\$1,846,110	\$0	\$205,124	0.75	0.00	0.00
8	<a href="#">2212</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives - Provider Incentive Payments	\$3,201,500	\$0	\$0	0.00	0.00	0.00
9	<a href="#">2213</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Health Information Technology Initiatives - Administrative Implementation	\$1,386,586	\$154,065	\$0	1.80	0.20	0.00
10	<a href="#">2214</a>	Department of Health and Social Services, Public Health, Community Health	Development, Maintenance and Enhancement of Early Hearing Detection and Intervention System Surveillance Programs	\$133,040	\$0	\$0	0.00	0.00	0.00
11	<a href="#">2215</a>	Department of Health and Social Services, Public Health, Community Health	National Cancer Prevention and Control Program	\$2,033,465	\$732,560	\$0	13.20	0.43	0.00
12	<a href="#">2220</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Medicaid Services - Title XIX	\$1,061,940,247	\$874,846,634	\$0	0.00	0.00	0.00
13	<a href="#">2221</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
14	<a href="#">2223</a>	Department of Health and Social Services, Public Health, Community Health	Grants to States to Support Oral Health Workforce	\$481,826	\$201,524	\$0	0.00	1.38	0.00
15	<a href="#">2225</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	\$1,096,041	\$0	\$0	5.00	0.00	0.00
16	<a href="#">2242</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Senior Medicare Patrol Capacity Building Project	\$58,898	\$0	\$0	0.00	0.00	0.00
17	<a href="#">2258</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Senior Medicare Patrol	\$180,405	\$63,002	\$0	2.00	0.95	0.00
18	<a href="#">2015-03-24-01</a>	Department of Health and Social Services, Administration, Office of the Secretary	Stand By Me Financial Empowerment Program	\$0	\$0	\$235,000	0.00	0.00	0.00
19	<a href="#">2181</a>	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Director	System of Care Expansion	\$1,000,000	\$364,278	\$0	0.00	5.45	0.00

# Delaware State Clearinghouse Committee Agenda

**May 26, 2015**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
20	<a href="#">2199</a>	Department of Services for Children, Youth and Their Families, Prevention and Behavioral Health Services, Prevention/Early	Suicide Prevention and Early Intervention Project	\$736,000	\$0	\$0	0.00	0.00	0.00
21	<a href="#">2207</a>	Department of Services for Children, Youth and Their Families, Prevention and Behavioral Health Services, Prevention/Early	Linking Actions for Unmet Needs in Children's Health	\$800,000	\$0	\$0	0.00	0.00	0.00
22	<a href="#">2208</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
23	<a href="#">2218</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV, Part E - Education and Training Vouchers Program	\$74,373	\$18,593	\$0	0.00	0.00	0.00
24	<a href="#">2219</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	\$59,829	\$19,943	\$0	0.00	0.00	0.00
25	<a href="#">2228</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
26	<a href="#">2229</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 - Promoting Safe and Stable Families	\$950,755	\$316,918	\$0	2.00	0.00	0.00
27	<a href="#">2232</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Child Abuse Prevention and Treatment Act	\$111,966	\$0	\$0	1.00	0.00	0.00
28	<a href="#">2234</a>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Title IV-B, Subpart 1 - Child Welfare Services	\$798,401	\$266,133	\$0	3.00	0.00	0.00
29	<a href="#">2013-07-22-03 Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Division of Energy and Climate	Weatherization Assistance Program	\$517,552	\$0	\$0	0.00	0.00	0.00
30	<a href="#">2205</a>	Department of Safety and Homeland Security, State Police, Traffic	New Entrant Safety Audit Program	\$147,026	\$0	\$0	1.00	0.00	0.00
31	<a href="#">2209</a>	Department of Transportation, Planning	Commercial Vehicle Information Systems and Networks	\$604,500	\$604,500	\$0	0.00	0.00	0.00
32	<a href="#">2224</a>	Department of Education	School Improvement	\$1,468,601	\$0	\$0	0.00	0.00	0.00
33	<a href="#">2226</a>	Department of Education	Education for Homeless Children and Youth	\$213,577	\$0	\$0	0.15	0.00	0.00
34	<a href="#">2227</a>	Department of Education	Adult Basic Education	\$1,779,719	\$854,681	\$0	0.10	0.00	0.00
35	<a href="#">2230</a>	Department of Education	Title I, Part D - Prevention and Intervention Programs for Children and Youth Who are Neglected, Delinquent or At-Risk	\$350,000	\$0	\$0	0.00	0.00	0.00
36	<a href="#">2233</a>	Department of Education	State Assessments and Related Activities	\$3,924,096	\$0	\$0	2.10	0.00	0.00
37	<a href="#">2235</a>	Department of Education	Title I, Part C - Migrant Education	\$317,825	\$0	\$0	1.80	0.00	0.00
38	<a href="#">2236</a>	Department of Education	Title II, Part B - Mathematics and Science Partner	\$819,326	\$0	\$0	0.15	0.00	0.00
39	<a href="#">2015-03-21-01</a>	Sussex Academy Foundation	Building Expansion - Middle School Classrooms	\$3,500,000	\$0	\$2,316,450	0.00	0.00	0.00

## Higher Education

**Delaware State Clearinghouse Committee  
Agenda**

**May 26, 2015**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
1	2015-05-02-01	HE/University of Delaware	NAHLN Member Laboratory Work Plan FY15	\$50,000	\$0	\$0			
2	2015-05-02-02	HE/University of Delaware	Novel links among rejection, appetite regulation, and food intake	\$0	\$0	\$8,958			
3	2015-05-02-03	HE/University of Delaware	DNA sequencing and bioinformatics support for the Genetics Host Specificity projects	\$18,182	\$0	\$0			
4	2015-05-02-04	HE/University of Delaware	Novel links among rejection, appetite regulation, and food intake	\$0	\$0	\$19,969			
5	2015-05-02-05	HE/University of Delaware	Determine the identity and phylogenetic relationships among species of parasitoids proposed for introduction against pest insects, 24 month milestone DNA sequencing and rphometrics	\$37,273	\$0	\$0			
6	2015-05-02-06	HE/University of Delaware	Protocol testing for BASF	\$0	\$0	\$7,092			
7	2015-05-02-07	HE/University of Delaware	Sunshot National Laboratory Multiyear Partnership	\$384,615	\$0	\$0			
8	2015-05-02-08	HE/University of Delaware	Assessment of Crude by Rail (CBR) Safety Issues in State of Pennsylvania	\$0	\$0	\$24,871			
9	2015-05-02-09	HE/University of Delaware	Bio-inspired Robot Perception	\$428,019	\$0	\$0			
10	2015-05-02-10	HE/University of Delaware	Delaware Translational Rehabilitation Clinical Trials Program	\$3,750,000	\$0	\$0			
11	2015-05-02-11	HE/University of Delaware	Sunshot National Laboratory Multiyear Partnership	\$144,231	\$0	\$0			
12	2015-05-02-12	HE/University of Delaware	An Undergraduate Integrated Pest Management (IPM) Training Program for the Northeast	\$0	\$0	\$24,120			
13	2015-05-02-13	HE/University of Delaware	Automated Optimization Center	\$0	\$0	\$256,385			
14	2015-05-02-14	HE/University of Delaware	Dimensions: Collaborative Research: Linking virioplankton diversity with ecosystem function through nucleic acid metabolism genes	\$955,547	\$0	\$0			
15	2015-05-02-15	HE/University of Delaware	Assessment of Building Envelope Integrity to Reduce Energy Footprint in Commercial Broiler Production	\$77,004	\$0	\$0			
16	2015-05-02-16	HE/University of Delaware	Unraveling the Mechanisms of Arsenic-Induced Stress Response in Rice (ORYZA SATIVA L.) and Assessment of Potential Alleviation by Silicone	\$366,754	\$0	\$0			
17	2015-05-02-17	HE/University of Delaware	Collaborative Research: Dimensions: The creation and maintenance of diversity and function during sedimentation in the marine environment	\$741,005	\$0	\$0			
18	2015-05-02-18	HE/University of Delaware	KU/HHS DRRP Feat Freedman	\$0	\$0	\$157,589			
19	2015-05-02-19	HE/University of Delaware	Federal and State Technology Partnership Program (FAST)	\$91,768	\$0	\$0			
20	2015-05-02-20	HE/University of Delaware	Ultra-Light Hybrid Composite Door Design, Manufacturing and Demonstration	\$0	\$0	\$806,556			
21	2015-05-02-21	HE/University of Delaware	FHWA SHRP 2 EDUC Manahiloh	\$6,410	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

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<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
22	2015-05-02-22	HE/University of Delaware	Exploration for and Evaluation of Natural Enemies in Asia for Biological Control of Invasive Wood-Boring Insects	\$73,087	\$0	\$0			
23	2015-05-02-23	HE/University of Delaware	Evaluating The Role Of Adiposity And Gut Microbiome Interactions In Bovine Immune Barrier Functions And Metabolic Disease	\$360,409	\$0	\$0			
24	2015-05-02-24	HE/University of Delaware	Northeast Regional Nutrition Education Center of Excellence(NE-RNECE) Sub award	\$0	\$0	\$38,275			
25	2015-05-02-25	HE/University of Delaware	Functionally Designed Ultra-lightweight Carbon Fiber Reinforced Thermoplastic Composites Door Assembly	\$0	\$0	\$480,835			
26	2015-05-02-26	HE/University of Delaware	DuPont Kleczwski 15	\$0	\$0	\$9,468			
27	2015-05-02-27	HE/University of Delaware	Collaborative Research: Perchlorate: A new biogeochemical tool to study deposition and biogeochemical processing of atmospheric salts, and paleo-climatic/ecological environments	\$54,167	\$0	\$0			
28	2015-05-02-28	HE/University of Delaware	SHF: Small: Collaborative Research : Modeling and Analyzing Big Data in Peta- and Exascale Distributed Systems Supported by MapReduce Methodologies	\$16,000	\$0	\$0			
29	2015-05-02-29	HE/University of Delaware	NSF Fellow Nayem Liu	\$138,000	\$0	\$0			
30	2015-05-02-30	HE/University of Delaware	Evaluation of in-person versus remote instruction in Master Gardener Training	\$0	\$0	\$18,486			
31	2015-05-02-31	HE/University of Delaware	Collaborative Research: Deconvolving thermal from eustatic forcing of ice retreat: An integrative study of Trans Antarctic Peninsula-Patagonia sediments	\$194,723	\$0	\$0			
32	2015-05-02-32	HE/University of Delaware	University Centers for Excellence in Developmental Disabilities	\$505,481	\$0	\$0			
33	2015-05-02-33	HE/University of Delaware	The Role of Mutations in the Meq Oncoprotein on the Evolution of Marek's Disease Virus Field Strains	\$415,540	\$0	\$0			
34	2015-05-02-34	HE/University of Delaware	Advancing the mapping and understanding of properties and processes of snow-covered composite materials in cold regions	\$464,514	\$0	\$0			
35	2015-05-02-35	HE/University of Delaware	Self-assembling nucleoporin repeat sequences	\$0	\$0	\$110,000			
36	2015-05-02-36	HE/University of Delaware	Collaborative Research: Predator-directed characterization of foraging habitat	\$436,154	\$0	\$0			
37	2015-05-02-37	HE/University of Delaware	Collaborative research: Impacts of local oceanographic processes on Adelie penguin foraging ecology	\$377,058	\$0	\$0			
38	2015-05-02-38	HE/University of Delaware	CS10K: Leveraging Partner4CS to Build Sustainable Capacity for Teacher Preparation and Support	\$691,600	\$0	\$0			
39	2015-05-02-39	HE/University of Delaware	Community Living and Participation of Individuals With Disabilities	\$0	\$0	\$439,993			
40	2015-05-02-40	HE/University of Delaware	UnaG-based encoded fluorescent protein kinase biosensors	\$275,000	\$0	\$0			
41	2015-05-02-41	HE/University of Delaware	Advancing Neutron Scattering Metrology (SANS, VSANS, Neutron Reflectometry and NSE) for Sustainable Energy, Human Health, and Nanomaterials Research	\$2,961,251	\$0	\$0			
42	2015-05-02-42	HE/University of Delaware	Incorporation and Evaluation of Alternative Lighting Technology for the Poultry Industry	\$359,644	\$0	\$0			



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<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
43	2015-05-02-43	HE/University of Delaware	Collaborative Research: The role of biological hotspots in shaping regional soil microbial metacommunities in the Transantarctic Mountains	\$296,898	\$0	\$0			
44	2015-05-02-44	HE/University of Delaware	Supplement to Support Interoperability of NIH Funded Bio	\$50,001	\$0	\$0			
45	2015-05-02-45	HE/University of Delaware	Physiological Morphometric and Molecular Analyses of Probiotic Impact on Broiler Chickens	\$394,048	\$0	\$0			
46	2015-05-02-46	HE/University of Delaware	PI Ewart - Sea Grant Aquaculture Extension 2015: Aquaculture and Fisheries Technologies for Food and Health Educators, Seafood Professionals, and Communicators: Phase II Continuation of Aquaculture and Fish Tech 101	\$92,089	\$0	\$0			
47	2015-05-02-47	HE/University of Delaware	BC150234 Is Inflammatory Breast Cancer a distinct disease or part of the spectrum of breast cancer aggressiveness?	\$479,236	\$0	\$0			
48	2015-05-02-48	HE/University of Delaware	Development of first-principles and quantum transport tools for computational design of layered materials and heterostructures	\$6,999,842	\$0	\$0			
49	2015-05-02-49	HE/University of Delaware	NIH COBRE III Buchanan 15-16	\$695,759	\$0	\$0			
50	2015-05-02-50	HE/University of Delaware	Harnessing rhizospheric microbes as agents to improve iron nutrition and abate arsenic toxicity in rice.	\$357,302	\$0	\$0			
51	2015-05-02-51	HE/University of Delaware	Genome-Wide Identification And Functional Validation Of Genes Causing Susceptibility To Wooden Breast Disease In Commercial Broiler Chickens	\$389,287	\$0	\$0			
52	2015-05-02-52	HE/University of Delaware	Supplemental Sample for Economic Analysis of Impact of Offshore Wind Powers Projects on Beach Tourism	\$0	\$0	\$10,411			
53	2015-05-02-53	HE/University of Delaware	Bread ABRDC: Molecular basis of resistance to cassava viral diseases: a path to improvements for African food security	\$0	\$0	\$678,766			
54	2015-05-02-54	HE/University of Delaware	Development of a multidimensional theoretical model for understanding food insecurity in a general U.S. population.	\$0	\$0	\$23,291			
55	2015-05-02-55	HE/University of Delaware	Objective: Compare programs containing isoxaflutole in terms of tolerance and weed control to determine the utility of HPPD and glufosinate tolerant soybeans. These trials are designed to evaluate herbicide tolerance and weed control programs.	\$0	\$0	\$6,993			
56	2015-05-02-56	HE/University of Delaware	Advancing Blue Hen Wind's Research Mission II	\$0	\$0	\$50,000			
57	2015-05-02-57	HE/University of Delaware	Delaware Procurement Technical Assistance Center Base FY2016	\$180,624	\$0	\$0			
58	2015-05-02-58	HE/University of Delaware	Maple Leaf agreement FY15	\$0	\$0	\$38,156			
59	2015-05-02-59	HE/University of Delaware	Collaborative Proposal: DNA guided assembly of enzyme cascades for biocatalytic fuel cell applications	\$12,000	\$0	\$0			
60	2015-05-02-60	HE/University of Delaware	Capture of CO2 and H2S from Animal and Manure Management Structure, Biogas and Syngas Production Sites	\$0	\$0	\$54,568			
61	2015-05-02-61	HE/University of Delaware	New Approaches to 19F Theranostics and Imaging for Breast Cancer	\$375,000	\$0	\$0			
62	2015-05-02-62	HE/University of Delaware	Quantifying forest-water connections at fine spatial scales to guide permanent protection of water resources	\$0	\$0	\$31,985			

# Delaware State Clearinghouse Committee Agenda

**May 26, 2015**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
63	2015-05-02-63	HE/University of Delaware	Artificial Gut Simulators to study Impact of Human Gut Microbiome on Health and Disease	\$0	\$0	\$1,144,334			
64	2015-05-02-64	HE/University of Delaware	Scapular Kinematics in Adolescents with Idiopathic Scoliosis	\$0	\$0	\$89,115			
65	2015-05-02-65	HE/University of Delaware	Impact of Glenohumeral Joint Reduction on Functional Outcomes in Brachial Plexus Birth Palsy	\$0	\$0	\$428,470			
66	2015-05-02-66	HE/University of Delaware	Production of Renewable Acrylic Acid via Catalytic Dehydration of Lactic Acid: Mechanistic Studies and Catalysts Design	\$6,000	\$0	\$0			
67	2015-05-02-67	HE/University of Delaware	Soil Health Synergy: Using innovative equipment and technologies to improve soil health, increase nitrogen use efficiency, and reduce sediment and nutrient loss from grain production systems.	\$0	\$0	\$204,082			
68	2015-05-02-68	HE/University of Delaware	USFS Richards 2016	\$0	\$0	\$28,054			
69	2015-05-02-69	HE/University of Delaware	NSF Fellow Woldeyes Roberts	\$138,000	\$0	\$0			
70	2015-05-02-70	HE/University of Delaware	Applying Behavioral Economics to Improve USDA Agri-Environmental Programs: Field Experiments in Nutrient Management and Water Quality Protection	\$0	\$0	\$67,376			
71	2015-05-02-71	HE/University of Delaware	The efficacy, safety and environmental impacts of thymol nanoparticles as feed additives	\$358,582	\$0	\$0			
72	2015-05-02-72	HE/University of Delaware	EAGER: Synthetic Control of Metabolism by Dynamic Metabolons	\$202,640	\$0	\$0			
73	2015-05-02-73	HE/University of Delaware	NSF Fellow Ebrahimi Higginson	\$138,000	\$0	\$0			
74	2015-05-02-74	HE/University of Delaware	Lower extremity injury risk following anterior cruciate ligament reconstruction and return to major league soccer	\$0	\$0	\$5,000			
75	2015-05-02-75	HE/University of Delaware	Targeted Conservation Contracts to Enhance Agricultural Best Management Practices: Incorporating Heterogeneity and Predicting Additionally	\$388,334	\$0	\$0			
76	2015-05-02-76	HE/University of Delaware	National Geographic DGA Alliance Budget Period 2015-2016	\$0	\$0	\$27,500			
77	2015-05-02-77	HE/University of Delaware	NRT: Aeroecology as a Test-bed for Interdisciplinary STEM Training	\$0	\$0	\$212,218			
78	2015-05-02-78	HE/University of Delaware	Preserved Local: A New Market for Farms Under Development Pressures?	\$181,939	\$0	\$0			
79	2015-05-02-79	HE/University of Delaware	CPS: Synergy: Collaborative Research: Beyond Autonomy -- Coordination of Uncertain Multi-Agent Mixed-Authority Systems	\$400,984	\$0	\$0			
80	2015-05-02-80	HE/University of Delaware	Apprenticeship in a Box	\$0	\$0	\$781,243			
81	2015-05-02-81	HE/University of Delaware	CPS: Breakthrough: Towards Energy Safety for Cyber-Physical Systems	\$336,365	\$0	\$0			
82	2015-05-02-82	HE/University of Delaware	NEH Preservation and Access Education and Training Proposal: Winterthur/University of Delaware	\$200,000	\$0	\$0			
83	2015-05-02-83	HE/University of Delaware	PW/DDOE School Turnaround Support Wilson	\$0	\$0	\$1,997,752			

# Delaware State Clearinghouse Committee Agenda

**May 26, 2015**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
84	2015-05-02-84	HE/University of Delaware	Heat of Vaporization and Enthalpy Diagram for Jet Fuels	\$0	\$0	\$54,488			
85	2015-05-02-85	HE/University of Delaware	Agoranet/HHS SBI 15-16 Mineo	\$0	\$0	\$19,472			
86	2015-05-02-86	HE/University of Delaware	A multifold approach for the mitigation of global water crisis	\$0	\$0	\$173,913			
87	2015-05-02-87	HE/University of Delaware	To increase access to early childhood services for young children experiencing homelessness in Philadelphia.	\$0	\$0	\$251,897			
88	2015-05-02-88	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	\$21,183			
89	2015-05-02-89	HE/University of Delaware	Mechanistic Interrogation of the Interfacial Dynamics of Bismuth-Based Electrocatalysts for Reduction of CO2	\$16,025	\$0	\$0			
90	2015-05-02-90	HE/University of Delaware	Mitigating AMR through phage-based strategies to control fishery product spoilage	\$0	\$0	\$204,508			
91	2015-05-02-91	HE/University of Delaware	Collaborative NRT: A Cross-Disciplinary, Cross-Institutional Training Model to Increase Diversity in Neuroscience	\$1,166,485	\$0	\$0			
92	2015-05-02-92	HE/University of Delaware	Ocean Observations from below Petermann Glacier	\$55,565	\$0	\$0			
93	2015-05-02-93	HE/University of Delaware	Undergraduate Research and Education Exploring One Health: Protecting our food supply, animal health, and the environment	\$298,980	\$0	\$0			
94	2015-05-02-94	HE/Delaware State University	Learning from the Reservation Conference Opening Plenary and Major Speaker Support	\$19,401	\$0	\$0			
95	2015-05-02-95	HE/Delaware State University	2015 An Experiential Learning Opportunity in the Performing Arts and STEM at DSU	\$0	\$0	\$30,000			
96	2015-05-02-96	HE/Delaware State University	Delaware State University Alcohol Awareness Campaign 2015	\$0	\$0	\$142,487			
97	2015-05-02-97	HE/Delaware State University	2016 NESARE Cover Cop Training	\$134,434	\$0	\$0			
98	2015-05-02-98	HE/Delaware State University	Wall Street 101- 2015	\$35,000	\$0	\$0			
99	2015-05-02-99	HE/Delaware State University	DSU Farm School II	\$399,977	\$0	\$0			
100	2015-05-03-01	HE/Delaware State University	Stacking Nitrogen Use Efficiency, Water Use Efficiency, Heat and Drought Tolerance Traits in Nigerian Cocoa (Theobroma Cacao L.) Varieties for Substantial Yield Improvement	\$99,792	\$0	\$0			
101	2015-05-03-02	HE/Delaware State University	National Nanofabrication Coordinated Infrastructure NNCI: Princeton Regional Infrastructure for Nanotechnology	\$1,061,823	\$0	\$0			
102	2015-05-03-03	HE/Delaware State University	Understanding Wheat Epigenomic and Transcriptome Interactions Involved in Uptake and Translocation of Fe and Zn for Nutritional Quality Improvement	\$215,960	\$0	\$0			
103	2015-05-03-04	HE/Delaware State University	A Neuroscience Focused Undergraduate Research Program at an HBCU	\$512,597	\$0	\$0			
104	2015-05-03-05	HE/Delaware State University	Towards Ending Micro-Nutrients Deficiency in Cassava through Gene Stacking of Major Nutritional Traits	\$499,968	\$0	\$0			

**Delaware State Clearinghouse Committee  
Agenda**

***May 26, 2015***

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
105	2015-05-03-06	HE/Delaware State University	Development of Innovative Multidisciplinary Student Research in Photonics Based Systems for Environmental, Health Safety, Biological, and Chemical Sensing Technologies	\$242,938	\$0	\$0			
106	2015-05-03-07	HE/Delaware State University	Children Youth and Families at Risk Sustainable Community Project (Yr2) Continuation Grant	\$143,459	\$0	\$0			
107	2015-05-03-08	HE/Delaware State University	BREAD ABRDC: Molecular Basis of Resistance to Cassava Viral Disease: A Path to Improvements for African Food Security	\$2,797,009	\$0	\$0			
108	2015-05-03-09	HE/Delaware State University	Increasing Economic Viability in Small Farms thru Strengthening and Mobilizing Extension and Research Resource	\$499,935	\$0	\$0			
109	2015-05-03-10	HE/Delaware State University	Coastal Atlantic Sturgeon Sampling Project 2015	\$20,000	\$0	\$0			
110	2015-05-03-11	HE/Delaware Technical and Community College	The Upward Bound Math Science Program	\$357,722	\$0	\$0			
111	2015-05-03-12	HE/Delaware Technical and Community College	Federal Financial Assistance Program - PELL	\$37,000,000	\$0	\$0			
112	2015-05-03-13	HE/Delaware Technical and Community College	Federal Direct Student Loan Program	\$15,000,000	\$0	\$0			
113	2015-05-03-14	HE/Delaware Technical and Community College	Federal Financial Assistance Program - FSEOG	\$900,000	\$0	\$0			
114	2015-05-03-15	HE/Delaware Technical and Community College	Federal Financial Assistance Program - FWS	\$750,000	\$0	\$0			



# Delaware State Clearinghouse Committee Agenda

**June 26, 2015**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business</b>									
1	<a href="#">2280</a>	Department of Health and Social Services, Public Health, Community Health	Delaware Food Establishment Risk Factor Study	\$118,055	\$0	\$0	0.00	0.00	0.00
2	<a href="#">2254</a>	Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 164 Sanction Grant	\$700,000	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
3	<a href="#">2247</a>	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act - Coverdell	\$63,029	\$0	\$0	0.00	0.00	0.00
4	<a href="#">2015-03-27-01</a>	Executive, Delaware State Housing Authority	Community Development Block Grant	\$1,923,531	\$0	\$0	1.00	0.00	0.00
5	<a href="#">2015-03-27-02</a>	Executive, Delaware State Housing Authority	HOME Investment Partnerships Program	\$3,002,167	\$0	\$0	0.50	0.00	0.00
6	<a href="#">2015-03-27-03</a>	Executive, Delaware State Housing Authority	Emergency Solutions Grant Program	\$192,344	\$0	\$0	0.00	0.00	0.00
7	<a href="#">2015-03-27-04</a>	Executive, Delaware State Housing Authority	Housing Opportunities for Persons with AIDS	\$246,908	\$0	\$0	0.00	0.00	0.00
8	<a href="#">2015-03-27-05</a>	Executive, Delaware State Housing Authority	Public Housing Capital Program - Moving to Work	\$694,913	\$0	\$0	1.00	0.00	0.00
9	<a href="#">2015-03-27-06</a>	Executive, Delaware State Housing Authority	Public Housing Operations Program - Moving to Work	\$2,818,588	\$0	\$859,932	0.00	0.00	0.00
10	<a href="#">2015-03-27-07</a>	Executive, Delaware State Housing Authority	Housing Choice Vouchers Program - Moving to Work	\$7,453,492	\$0	\$0	2.00	0.00	0.00
11	<a href="#">2015-03-27-08</a>	Executive, Delaware State Housing Authority	Family Unification Program	\$304,200	\$0	\$0	0.00	0.00	0.00
12	<a href="#">2015-03-27-09</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="#">2222</a>	Department of State, Human Relations/Commission for Women	Fair Housing Assistance Program	\$71,470	\$0	\$0	1.00	0.00	0.00
14	<a href="#">2296</a>	Department of State, Division of Arts	Promotion of the Arts - Partnership Agreement	\$669,000	\$3,405,683	\$80,000	3.00	5.00	0.00
15	<a href="#">2257</a>	Department of Health and Social Services, Administration, Management Services	Infants and Toddlers with Disabilities	\$2,148,938	\$4,034,600	\$0	9.00	35.50	0.00
16	<a href="#">2259</a>	Department of Health and Social Services, Public Health, Community Health	Public Health Emergency Preparedness	\$4,386,404	\$439,957	\$0	24.00	0.00	0.00
17	<a href="#">2262</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
18	<a href="#">2263</a>	Department of Health and Social Services, Social Services	Temporary Assistance for Needy Families	\$32,291,000	\$24,194,630	\$0	127.30	0.00	0.00

# Delaware State Clearinghouse Committee Agenda

**June 26, 2015**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
19	<a href="#">2264</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training - Reimbursement	\$37,199	\$37,199	\$0	0.00	0.00	0.00
20	<a href="#">2265</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
21	<a href="#">2266</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training for Able-Bodied Adults Without Dependents	\$530,974	\$0	\$0	0.00	0.00	0.00
22	<a href="#">2267</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Nutrition Education	\$964,957	\$0	\$0	0.00	0.00	0.00
23	<a href="#">2268</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training	\$250,215	\$65,980	\$0	1.00	1.00	0.00
24	<a href="#">2269</a>	Department of Health and Social Services, Social Services	Child Care Development Fund - Matching	\$4,700,000	\$4,700,000	\$0	0.00	0.00	0.00
25	<a href="#">2270</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
26	<a href="#">2271</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training - Operations	\$71,886	\$65,409	\$0	1.00	1.00	0.00
27	<a href="#">2272</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
28	<a href="#">2273</a>	Department of Health and Social Services, Social Services	Social Services Block Grant	\$4,578,230	\$0	\$0	14.55	0.00	0.00
29	<a href="#">2274</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
30	<a href="#">2275</a>	Department of Health and Social Services, Social Services	Refugee Cash and Medical Assistance Program	\$65,500	\$0	\$0	1.90	0.00	0.00
31	<a href="#">2276</a>	Department of Health and Social Services, Social Services	Refugee Social Services Program	\$75,000	\$0	\$0	0.00	0.00	0.00
32	<a href="#">2277</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	\$65,000	\$0	\$0	0.00	0.00	0.00
33	<a href="#">2279</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
34	<a href="#">2291</a>	Department of Health and Social Services, Public Health, Community Health	Integrating Colorectal Cancer Screening	\$1,346,260	\$0	\$0	3.80	0.00	0.00
35	<a href="#">2295</a>	Department of Health and Social Services, Public Health, Community Health	Hospital Preparedness Program	\$1,061,248	\$336,944	\$0	2.75	0.00	0.00
36	<a href="#">2300</a>	Department of Health and Social Services, Public Health, Community Health	Personal Responsibility Education Program	\$253,834	\$0	\$0	0.00	0.00	0.00
37	<a href="#">2246</a>	Department of Correction, Administration, Office of the Commissioner	State Criminal Alien Assistance Program	\$100,000	\$0	\$0	0.00	0.00	0.00
38	<a href="#">1838 Amendment</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Energy and Climate	State Energy Program	\$270,150	\$56,367	\$600,000	2.92	0.50	0.00
39	<a href="#">2217</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Beaches Environmental Assessment and Coastal Health Act	\$201,966	\$0	\$0	0.00	0.00	0.00

# Delaware State Clearinghouse Committee Agenda

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Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
40	<a href="#">2260</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Joint Enforcement Agreement	\$232,683	\$698	\$0	2.02	0.00	0.00
41	<a href="#">2278</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware's Fisheries Research Vessel	\$145,260	\$48,420	\$0	0.90	0.04	0.00
42	<a href="#">2281</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware National Estuarine Research Reserve Operations, Education and Monitoring	\$596,000	\$255,429	\$0	4.50	1.00	0.00
43	<a href="#">2255</a>	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
44	<a href="#">2301</a>	Department of Transportation, Division of Motor Vehicles	Commercial Driver's License Program Improvement Grant	\$268,472	\$0	\$0	0.00	0.00	0.00
45	<a href="#">2285</a>	Department of Labor, Division of Employment and Training, Employment and Training Services	Wagner-Peyser Act - Employment Services	\$1,850,199	\$0	\$0	22.83	0.00	0.00
46	<a href="#">2286</a>	Department of Labor, Division of Employment and Training, Employment and Training Services	Workforce Investment Act - Adult	\$1,931,641	\$0	\$0	9.92	0.00	0.00
47	<a href="#">2287</a>	Department of Labor, Division of Employment and Training, Employment and Training Services	Workforce Investment Act - Dislocated Worker	\$2,596,904	\$0	\$0	11.05	0.00	0.00
48	<a href="#">2289</a>	Department of Labor, Division of Employment and Training, Employment and Training Services	Workforce Investment Act - Youth	\$2,037,653	\$0	\$0	1.80	0.00	0.00
49	<a href="#">2211</a>	Department of Agriculture, Pesticides	Performance Partnership Grant	\$391,700	\$106,102	\$0	2.00	1.15	0.00
50	<a href="#">2243</a>	Department of Agriculture, Marketing and Promotion	Organic Certification Cost Share Program	\$11,500	\$0	\$0	0.00	0.00	0.00
51	<a href="#">2244</a>	Department of Agriculture, Marketing and Promotion	Agricultural Management Assistance Organic Certification Cost Share Program	\$7,300	\$0	\$0	0.00	0.00	0.00
52	<a href="#">2261</a>	Department of Agriculture, Plant Industries	Forest Pest Outreach	\$23,075	\$0	\$0	0.00	0.00	0.00
53	<a href="#">2297</a>	Fire Prevention Commission, State Fire School	Firefighters Assistance Grant	\$462,379	\$70,951	\$0	0.00	0.00	0.00
54	<a href="#">2245</a>	Department of Education	Title IV, Part B - 21st Century Community Learning Centers	\$6,195,104	\$0	\$0	1.00	0.00	0.00
55	<a href="#">2015-03-30-01</a>	Department of Education, Caesar Rodney School District	Dover Air Force Base School Budget	\$8,682,650	\$0	\$0	0.00	0.00	0.00

## Higher Education

1	2015-05-30-01	HE/University of Delaware	NSF GRFP Fellowship	\$138,000	\$0	\$0			
2	2015-05-30-02	HE/University of Delaware	Alfred P. Sloan Research Fellow	\$0	\$0	\$50,000			
3	2015-05-30-03	HE/University of Delaware	Quantum Semiconductors/ONR Development of CMOS-based APD Arrays with Si-Ge-C Materials	\$0	\$0	\$105,038			
4	2015-05-30-04	HE/University of Delaware	Analysis of Hydrographic Data from Petermann Fjord and Nares Strait	\$38,127	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
5	2015-05-30-05	HE/University of Delaware	Preserving Material Culture by Enhancing the University of Delaware Historic Costume and Textiles Collection	\$6,000	\$0	\$0			
6	2015-05-30-06	HE/University of Delaware	Framework and Assessment of Resiliency of the National Highway System	\$0	\$0	\$23,517			
7	2015-05-30-07	HE/University of Delaware	Hybrid Upper Extremity Exoskeleton LEE/LOBO	\$0	\$0	\$1,052,417			
8	2015-05-30-08	HE/University of Delaware	AN FNIRS System to Enhance Pediatric and Adult Neurorehabilitation Research	\$528,298	\$0	\$0			
9	2015-05-30-09	HE/University of Delaware	SCH: INT: GEAR - Grounded Early Adaptive Rehabilitation	\$1,109,883	\$0	\$0			
10	2015-05-30-10	HE/University of Delaware	Treatment of Joint Injury with Anti-Fibrotics for Cartilage and Bone Repair	\$0	\$0	\$277,212			
11	2015-05-30-11	HE/University of Delaware	Efficacy of Whole Soy Food on Prostate Cancer Prevention	\$0	\$0	\$180,254			
12	2015-05-30-12	HE/University of Delaware	Using Silicon Fertilizers to Improve Soil Phosphorus Availability and Uptake by Winter Wheat on High Phosphorus Soils	\$13,496	\$0	\$0			
13	2015-05-30-13	HE/University of Delaware	Multi-scale Variability of Soil Organic Carbon and Soil Moisture Across USA	\$13,499	\$0	\$0			
14	2015-05-30-14	HE/University of Delaware	Interdisciplinary Senior Design Bridge Course	\$0	\$0	\$50,000			
15	2015-05-30-15	HE/University of Delaware	Water Resource Center FY 2015	\$92,335	\$0	\$0			
16	2015-05-30-16	HE/University of Delaware	Adaptive Functions of Glucocorticoid Receptors in Acute Stress	\$250,000	\$0	\$0			
17	2015-05-30-17	HE/University of Delaware	Developing Methods/Algorithms for Subsurface Thermal Structure for High Resolution SWOT Altimeter Mission	\$302,509	\$0	\$0			
18	2015-05-30-18	HE/University of Delaware	The Effect of Preservation Labeling on Local Food Marketing Premiums	\$61,887	\$0	\$0			
19	2015-05-30-19	HE/University of Delaware	The Effects of Chemotherapy Based Cognitive Deficits on Risk Assessment and Decision Making	\$0	\$0	\$529,065			
20	2015-05-30-20	HE/University of Delaware	2016 Proposal for Special Initiative on Offshore Wind	\$0	\$0	\$272,727			
21	2015-05-30-21	HE/University of Delaware	Coastal Aquifer Salinization and Radionuclide Mobilization Along the Mediterranean and Red Sea Coasts of Egypt	\$0	\$0	\$171,614			
22	2015-05-30-22	HE/University of Delaware	Collaborative Research: Neutron Monitor Observations of Cosmic Rays from Jang Bogo and McMurdo - Supplement	\$10,384	\$0	\$0			
23	2015-05-30-23	HE/University of Delaware	RFQ EA133F-15-RQ-0427, Integrated Sea Scallop Research Survey NEFSC	\$423,299	\$0	\$0			
24	2015-05-30-24	HE/University of Delaware	FES to Improve Crouch Gait in CP	\$0	\$0	\$1,239,721			
25	2015-05-30-25	HE/University of Delaware	An Integrated Approach to Control Foodborne Bacterial, Viral, and Fungal Pathogens in High Risk Foods Using Innovative Non-Thermal Processing Technologies	\$0	\$0	\$479,983			

# Delaware State Clearinghouse Committee Agenda

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
26	2015-05-30-26	HE/University of Delaware	Comparison of Three Levels of AminoShure M to Smartamine M on Performance of Lactating Dairy Cows	\$0	\$0	\$33,018			
27	2015-05-30-27	HE/University of Delaware	"Increasing Yields and Profitability for Mid-Atlantic Double-Crop Soybean" Subcontract with Virginia Tech University	\$0	\$0	\$16,620			
28	2015-05-30-28	HE/University of Delaware	Development of a Fitbit Based Physical Activity Program for Knee Osteoarthritis	\$0	\$0	\$25,000			
29	2015-05-30-29	HE/University of Delaware	Proposal for Special Initiative on Offshore Wind	\$0	\$0	\$72,673			
30	2015-05-30-30	HE/University of Delaware	Evaluation of Late-Summer Splits on Varroa Mite Reduction and Colony Productivity	\$0	\$0	\$6,500			
31	2015-05-30-31	HE/University of Delaware	Collaborative Research: Spin Physics 'by design' in Quantum Dot Molecules	\$5,720	\$0	\$0			
32	2015-05-30-32	HE/University of Delaware	Effects of Interlayers on CIGS Grain Growth and Device Performance	\$0	\$0	\$32,051			
33	2015-05-30-33	HE/University of Delaware	Networked Mobility-Enabled Detection of Weak Radiological Signatures	\$469,078	\$0	\$0			
34	2015-05-30-34	HE/University of Delaware	Scalable Approaches to Writing Complex Nano-Features Using Block Copolymers	\$0	\$0	\$64,311			
35	2015-05-30-35	HE/University of Delaware	National Science Foundation Fellow Carter Parker	\$138,000	\$0	\$0			
36	2015-05-30-36	HE/University of Delaware	Intervening Early with Neglected Children: Adding Imaging to Assess Developmental Trajectories	\$101,906	\$0	\$0			
37	2015-05-30-37	HE/University of Delaware	NSF Fellow Caufield Sayas	\$138,000	\$0	\$0			
38	2015-05-30-38	HE/University of Delaware	Lima Bean Evaluation of Resistance to Race F of Phytophthora Phaseoli	\$0	\$0	\$1,000			
39	2015-05-30-39	HE/University of Delaware	2015 Delaware Lima Bean Variety Trail	\$0	\$0	\$700			
40	2015-05-30-40	HE/University of Delaware	Health lifestyle Behavior Intervention for Older Colorectal Cancer Couples	\$0	\$0	\$91,975			
41	2015-05-30-41	HE/University of Delaware	Research-PGR: Functional Genomics of Beneficial Legume-Microbe Interactions	\$0	\$0	\$504,987			
42	2015-05-30-42	HE/University of Delaware	BIGDATA: F: Inference of Network Structure from Multiple Heterogeneous Data	\$576,820	\$0	\$0			
43	2015-05-30-43	HE/University of Delaware	Novel Prnctides with d- and f- Metals as Prospective Materials for Thermal Energy Conversion	\$288,471	\$0	\$0			
44	2015-05-30-44	HE/University of Delaware	NIH Delaware-Clinical Translational Research Model	\$3,562,178	\$0	\$0			
45	2015-05-30-45	HE/University of Delaware	NIH P30 Resource Based Center Grant Wang	\$2,499,995	\$0	\$0			
46	2015-05-30-46	HE/University of Delaware	Rational Synthesis of Low Platinum Cathode Electrocatalysts with 3D Porous Nanostructures	\$0	\$0	\$300,312			

# Delaware State Clearinghouse Committee Agenda

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
47	2015-05-30-47	HE/University of Delaware	BIGDATA: IA: Harnessing Big Data for Eco-informatics: On the Power of Surrogate-based Modeling and Frequency-based Analysis to Study Trends and Hot Spots	\$595,049	\$0	\$0			
48	2015-05-30-48	HE/University of Delaware	Feasibility Study for an Online Apparel Company Purchasing Practices Rating Platform	\$0	\$0	\$300,906			
49	2015-05-30-49	HE/University of Delaware	Lightweight Armor and Vehicle Platform Development	\$0	\$0	\$3,816,960			
50	2015-05-30-50	HE/University of Delaware	National Plant Diagnostic Network	\$0	\$0	\$19,409			
51	2015-05-30-51	HE/University of Delaware	Research-PGR: Scanning the Rice Genome for Loci Controlling Response to Arsenic and Arsenic Accumulation	\$0	\$0	\$784,890			
52	2015-05-30-52	HE/University of Delaware	Development of Face Expertise and Racial Biases: A Perceptual to Social Hypothesis	\$0	\$0	\$376,674			
53	2015-05-30-53	HE/University of Delaware	NSF Fellowship Ruano-Salguero Lee	\$138,000	\$0	\$0			
54	2015-05-30-54	HE/University of Delaware	NSF Fellowship Dorsey Chen	\$138,000	\$0	\$0			
55	2015-05-30-55	HE/University of Delaware	Ensuring Energy and Power Safety in Data Centers	\$1,728,017	\$0	\$0			
56	2015-05-30-56	HE/University of Delaware	NSF STTR: Conversion of Bioacetone to New Monomers and Polymers of Commercial Value	\$0	\$0	\$63,817			
57	2015-05-30-57	HE/University of Delaware	Early Head Start University Partnership Grants: Buffering Children From Toxic Stress	\$316,456	\$0	\$0			
58	2015-05-30-58	HE/University of Delaware	Highlands Teach Like a Champion - Design and Implement Training	\$0	\$0	\$8,696			
59	2015-05-30-59	HE/University of Delaware	OE GAANN, Addressing the National Needs for Graduate Mathematics at the University of Delaware	\$594,397	\$0	\$0			
60	2015-05-30-60	HE/University of Delaware	BIGDATA:IA:A Multiscale Modeling and Simulation Methodology for Financial Market Stability and Risk Analysis	\$1,126,993	\$0	\$0			
61	2015-05-30-61	HE/University of Delaware	Therapeutic Intervention and Prefrontal Cortex Plasticity in FASD Animal Model	\$1,249,998	\$0	\$0			
62	2015-05-30-62	HE/University of Delaware	Preventing Intimate Partner Violence Among Teens Who Are Pregnant or Parenting	\$0	\$0	\$21,725			
63	2015-05-30-63	HE/University of Delaware	Shortlidge Teach Like a Champion - Design and Implement Training	\$0	\$0	\$8,696			
64	2015-05-30-64	HE/University of Delaware	Warner Teach Like a Champion - Design and Implement Training	\$0	\$0	\$8,696			
65	2015-05-30-65	HE/University of Delaware	Child Care Research Partnership Grants, Delaware Stars: Promoting Quality Improvement for Family Child Care Providers in QRIS using a Community of Practice Model	\$207,277	\$0	\$0			
66	2015-05-30-66	HE/University of Delaware	Program for Research and Training on Eastern Europe and the Independent States of the Former Soviet Union (Title VIII) FY 14	\$271,771	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
67	2015-05-30-67	HE/University of Delaware	Extended Surface Electrocatalyst Development	\$200,130	\$0	\$0			
68	2015-05-30-68	HE/University of Delaware	Large-Scale Real-Time Visual-Inertial Navigation and Mapping	\$0	\$0	\$66,266			
69	2015-05-30-69	HE/University of Delaware	Composing Disabled Faculty	\$0	\$0	\$1,250			
70	2015-05-30-70	HE/University of Delaware	Aberrant DNA Methylation and Parenting Behavior Associated with Caregiver Maltreatment	\$1,175,000	\$0	\$0			
71	2015-05-30-71	HE/University of Delaware	Is There Potential of a New Herbicide in Snap Beans?	\$0	\$0	\$3,000			
72	2015-05-30-72	HE/University of Delaware	Dissecting the Regulation of Senescence in Maize Using a Systems Genetics Approach	\$0	\$0	\$645,773			
73	2015-05-30-73	HE/University of Delaware	DHHS New Directions Early Head Start Year 19	\$2,346,510	\$0	\$0			
74	2015-05-30-74	HE/University of Delaware	Developing Individualized Rehabilitation Interventions for Stroke	\$3,714,125	\$0	\$0			
75	2015-05-30-75	HE/University of Delaware	Support of the Atmospheric Integrated Research Monitoring Network (AIRMoN) 2015	\$52,448	\$0	\$0			
76	2015-05-30-76	HE/University of Delaware	Modelling Tsunami Inundation and Hazard for the U.S. East Coast (Phase 4)	\$186,406	\$0	\$0			
77	2015-05-30-77	HE/University of Delaware	Group Travel Award for 2015 Workshop on Miniature Legged Robots	\$32,051	\$0	\$0			
78	2015-05-30-78	HE/University of Delaware	Bridging Particle-Resolved and Point-Partial Based Simulation for Turbulent Particle-Laden Flow Using New Heterogeneous High-Performance Computer	\$6,000	\$0	\$0			
79	2015-05-30-79	HE/University of Delaware	Development of Hierarchically Porous Polymer-Bond AZeolite Monolith with High Attrition Resistance for CO2 Removal	\$203,077	\$0	\$0			
80	2015-05-30-80	HE/University of Delaware	Radio America Production of Educational Audio and Video Productions for the Center for Economic Education & Entrepreneurship	\$0	\$0	\$55,833			
81	2015-05-30-81	HE/University of Delaware	Biology of Redheaded Flea Beetle and Management Options for Nurseries in the Mid-Atlantic	\$0	\$0	\$35,001			
82	2015-05-30-82	HE/University of Delaware	Engineering Microenvironment for Induction of Pacemaking Cardiomyocytes	\$0	\$0	\$50,000			
83	2015-05-30-83	HE/University of Delaware	Exoskeletal Garments to Improve Function for Children with Movement Impairments	\$1,250,000	\$0	\$0			
84	2015-05-30-84	HE/University of Delaware	On-site Infusion of Continuous Blade Spars Over 60 Meters	\$0	\$0	\$140,394			
85	2015-05-30-85	HE/University of Delaware	Neural Control of Walking in Children With CP	\$0	\$0	\$122,550			
86	2015-05-30-86	HE/University of Delaware	Imaging Receiver for High Capacity, Flexible, and Efficient Wireless Networks	\$0	\$0	\$66,298			
87	2015-05-30-87	HE/University of Delaware	Marek's Disease Virus Vaccine Protocol (Shedder Method)	\$0	\$0	\$23,130			

# Delaware State Clearinghouse Committee Agenda

**June 26, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
88	2015-05-30-88	HE/University of Delaware	MicroRNA Cross-Regulation of Signaling Pathways	\$1,250,000	\$0	\$0			
89	2015-05-30-89	HE/University of Delaware	Production and Engineering of Megakaryocytic Microparticles to Target Hematopoietic Stem Cells	\$275,000	\$0	\$0			
90	2015-05-30-90	HE/University of Delaware	Fuel Cell Net-Shape Molded Flowfield: Process Design and Optimization	\$0	\$0	\$51,181			
91	2015-05-30-91	HE/University of Delaware	Inquiry into Science Writing Grant/ NWP/ U.S. Department of Education/2013 Title II Supporting Effective Educator Development (SEED) Grant program Year 2	\$0	\$0	\$13,636			
92	2015-05-30-92	HE/University of Delaware	Mapping Strategic Environments for Public Safety Planning and Management	\$25,641	\$0	\$0			
93	2015-05-30-93	HE/University of Delaware	Workshop: Ultrahigh Field NMR and MRI: Science at a Crossroads	\$43,402	\$0	\$0			
94	2015-05-30-94	HE/University of Delaware	Workshop: Ultrahigh Field NMR and MRI: Science at a Crossroads	\$43,558	\$0	\$0			
95	2015-05-30-95	HE/University of Delaware	Cobre: The Delaware Center for Neuroscience Research Excellence	\$0	\$0	\$566,614			
96	2015-05-30-96	HE/University of Delaware	Photonically Enabled Space-Division Multiplexing for Enhanced Access to Radio Spectrum	\$493,452	\$0	\$0			
97	2015-05-30-97	HE/University of Delaware	Threats and Opportunities in the Conservation of Native Pelagic Spawning Fishes in Kansas	\$0	\$0	\$27,772			
98	2015-05-30-98	HE/University of Delaware	Rechargeable Lithium Oxygen Battery with a High Energy Density	\$133,344	\$0	\$0			
99	2015-05-30-99	HE/University of Delaware	Multimodal Brain Imaging to Assess Somatosensory Function and Plasticity After Stroke	\$641,190	\$0	\$0			
100	2015-05-31-01	HE/University of Delaware	Characterizing Sea-Surface Height Variations Due to Surface Pressures Caused by Weather Patterns/Storms and Sea Ice Mechanics Using Dynamic Barometer (DB) Models	\$288,271	\$0	\$0			
101	2015-05-31-02	HE/University of Delaware	Pickle and Pepper Research for Adaptation to the Delmarva Region	\$0	\$0	\$8,475			
102	2015-05-31-03	HE/University of Delaware	Strengthening Continuity of Delaware Sate University Biotechnology Program	\$0	\$0	\$27,786			
103	2015-05-31-04	HE/University of Delaware	Ruderman Family Foundation Jewish Leadership Institute	\$0	\$0	\$174,499			
104	2015-05-31-05	HE/University of Delaware	Appetite Regulation and Food Intake: Novel Mechanisms Linking Marital Distress to Cardiovascular Risk	\$1,503,563	\$0	\$0			
105	2015-05-31-06	HE/University of Delaware	Development of a Three-Dimensional High Throughput Screening Platform for Drug Discovery in Medulloblastoma	\$0	\$0	\$523,289			
106	2015-05-31-07	HE/Delaware State University	Training at the Interface of Plasmonics, Nanophotonics, and Atomtronic	\$299,978	\$0	\$0			
107	2015-05-31-08	HE/Delaware State University	Collaborative NRT: A Cross-Disciplinary, Cross-Institutional Training Model to Increase Diversity in Neuroscience	\$1,704,724	\$0	\$0			



# Delaware State Clearinghouse Committee Agenda

**June 26, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
108	2015-05-31-09	HE/Delaware State University	Preparing Future Agriculture, Natural Resources and Food Science Professionals for Climate Change by Utilizing Innovative Learning Tools	\$300,000	\$0	\$0			
109	2015-05-31-10	HE/Delaware State University	Sports for Social Change- Basketball for Underserved Youth	\$222,384	\$0	\$0			
110	2015-05-31-11	HE/Delaware State University	Mitigating AMR Bacteria Through Phage-Based Strategies to Control Fishery Product Spoilage	\$906,391	\$0	\$0			
111	2015-05-31-12	HE/Delaware State University	Agriculture Business Training and Development Initiative	\$195,296	\$0	\$0			
112	2015-05-31-13	HE/Delaware State University	Delaware State University-Health Career Opportunity (DSU-HCOP)	\$1,949,881	\$0	\$0			
113	2015-05-31-14	HE/Delaware State University	2015 DSU 1890 Facilities Grant Program	\$700,659	\$0	\$0			
114	2015-05-31-16	HE/Delaware State University	Mass Incarceration as the new Jim Crow	\$6,000	\$0	\$0			
115	2015-05-31-17	HE/Delaware State University	After School and Summer Prevention Programs	\$271,862	\$0	\$0			
116	2015-05-31-18	HE/Delaware State University	Quintessential Diversity Roundtable	\$5,346	\$0	\$0			
117	2015-05-31-19	HE/Delaware State University	Globalization, the Arab Spring and the Islamic State	\$27,019	\$0	\$0			
118	2015-05-31-20	HE/Delaware State University	Undergraduate Fellowships in Science Based Adaptation to Climate Change for Farms and Forests in the Northeast	\$34,100	\$0	\$0			
119	2015-05-31-21	HE/Delaware State University	Establishing a Multidisciplinary Summer Research Program to Strengthen Undergraduate Training in Food Science and Biotechnology	\$261,376	\$0	\$0			
120	2015-05-31-22	HE/Delaware State University	Northeast Corridor Sustainable Coastal Agriculture	\$145,163	\$0	\$0			
121	2015-05-31-23	HE/Delaware State University	Ag Discovery Program	\$54,084	\$0	\$0			
122	2015-05-31-24	HE/Delaware State University	Systemic Change: Improving Mathematics Teaching and Learning Project	\$740,220	\$0	\$0			
123	2015-05-31-25	HE/Delaware State University	2015 Statement of Work for University Network of the USDA Northeast	\$20,500	\$0	\$0			
124	2015-05-31-26	HE/Delaware State University	Modeling Chemometrics for the Laser Induced Breakdown Spectroscopy	\$149,988	\$0	\$0			
125	2015-05-31-27	HE/Delaware State University	DSU MARC U*Star	\$2,107,890	\$0	\$0			
126	2015-05-31-28	HE/Delaware State University	Introducing Young Minds to Careers in STEM Research (REASP 2015)	\$6,500	\$0	\$0			
127	2015-05-31-29	HE/Delaware State University	Understanding Epigenomic and Transcriptomic Regulation of the Rust Response in Common Bean	\$1,390,246	\$0	\$0			
128	2014-09-01-08 Amendment	HE/Delaware State University	Gulf Sturgeon Habitat	\$71,360	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

July 28, 2015

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business</b>									
		Not Applicable							
<b>Continued</b>									
1	<a href="#">2311</a>	Department of State, Office of the Secretary, Administration	State Trade and Export Promotion	\$276,741	\$92,247	\$0	0.00	0.00	0.00
2	<a href="#">2241</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
3	<a href="#">2302</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Permanent Housing for Adults with Psychiatric Disabilities	\$178,181	\$218,919	\$0	0.00	0.00	0.00
4	<a href="#">2309</a>	Department of Health and Social Services, Public Health, Community Health	Early Childhood Comprehensive Systems	\$140,000	\$0	\$0	1.00	0.00	0.00
5	<a href="#">2317</a>	Department of Health and Social Services, Public Health, Community Health	State Partnership to Improve Minority Health	\$200,000	\$0	\$0	0.00	0.00	0.00
6	<a href="#">2320</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Diseases - Affordable Care Act	\$654,853	\$0	\$0	1.40	0.00	0.00
7	<a href="#">2321</a>	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Diseases	\$793,060	\$0	\$0	2.60	0.00	0.00
8	<a href="#">2326</a>	Department of Health and Social Services, State Service Centers	AmeriCorps-Fixed	\$88,125	\$0	\$0	0.00	0.00	0.00
9	<a href="#">2327</a>	Department of Health and Social Services, State Service Centers	AmeriCorps-State Formula	\$652,000	\$0	\$655,456	0.00	0.00	0.00
10	<a href="#">2328</a>	Department of Health and Social Services, State Service Centers	AmeriCorps-State Competitive	\$64,192	0	\$65,001	0.00	0.00	0.00
11	<a href="#">2288</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Clean Water State Revolving Fund	\$6,863,000	\$1,372,600	\$0	0.00	0.00	0.00
12	<a href="#">2299</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware Coastal Management Program Implementation Grant	\$1,307,000	\$1,219,000	\$0	10.70	7.00	0.00
13	<a href="#">2303</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - DuPont Newport	\$2,000	\$0	\$0	0.02	0.00	0.00
14	<a href="#">2304</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - CORE	\$200,000	\$40,356	\$0	2.70	0.00	0.00
15	<a href="#">2305</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Conservation Reserve Program	\$22,966	\$69	\$0	0.00	0.00	0.00
16	<a href="#">2319</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Fisheries Technical Assistance	\$194,328	\$64,776	\$0	1.96	0.56	0.00
17	<a href="#">1730 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Amphibian and Reptile Monitoring and Conservation	\$13,500	\$7,269	\$0	0.02	0.04	0.00

# Delaware State Clearinghouse Committee Agenda

July 28, 2015

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
18	<a href="#">2008-02-01-01 - Amendment 4</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Northeast Wildlife Teamwork Strategy	\$37,591	\$113	\$37,478	0.00	0.00	0.00
19	<a href="#">2012-08-16-04 - Amendment</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Standard Chlorine/Metachem Fund Lead RD OU-2	\$6,000	\$0	\$0	0.04	0.00	0.00
20	<a href="#">2012-01-12-03 - Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Chem Solv	\$6,000	\$0	\$0	0.05	0.00	0.00
21	<a href="#">2012-01-12-04 - Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - NCR Millsboro	\$2,000	\$0	\$0	0.02	0.00	0.00
22	<a href="#">2012-08-16-02 - Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Millsboro TCE AOC #1	\$7,200	\$0	\$0	0.07	0.00	0.00
23	<a href="#">2306</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Emergency Management Performance Grant	\$3,233,715	\$2,044,080	\$1,189,635	28.30	9.20	0.00
24	<a href="#">2015-04-24-01</a>	Safety and Homeland Security, State Police, Executive	Asset Forfeiture/Treasury	\$3,000,000	\$0	\$0	0.00	0.00	0.00
25	<a href="#">2015-04-24-02</a>	Safety and Homeland Security, State Police, Executive	Asset Forfeiture/Justice	\$7,000,000	\$0	\$0	0.00	0.00	0.00
26	<a href="#">2015-05-27-01</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Radiological Emergency Preparedness Program	\$0	\$0	\$1,316,392	10.25	0.00	0.00
27	<a href="#">2318</a>	Department of Labor, Office of Occupational and Labor Market Information	Workforce Information Grant	\$299,203	\$0	\$0	1.50	0.00	0.00
28	<a href="#">2133 Amendment</a>	Department of Education	School Climate and Student Success	\$1,839,079	\$0	\$0	0.00	0.00	0.00
29	<a href="#">2325</a>	Department of Education	Title I, Part G - Advanced Placement Test Fee	\$100,000	\$0	\$0	0.00	0.00	0.00
30	<a href="#">2329</a>	Department of Education	Carl D. Perkins Career and Technical Education	\$4,725,500	\$0	\$0	3.17	0.00	0.00
31	<a href="#">2330</a>	Department of Education	Title III - English Acquisition	\$1,352,325	\$0	\$0	0.70	0.00	0.00
32	<a href="#">2331</a>	Department of Education	Title I, Part A - Improving the Academic Achievement of the Disadvantaged	\$44,406,250	\$0	\$0	1.55	0.00	0.00
33	<a href="#">2340</a>	Department of Education	Individuals with Disabilities Education Act, Part B, Section 611 - State Grant	\$35,063,788	\$0	\$0	9.20	0.00	0.00
34	<a href="#">2342</a>	Department of Education	Individuals with Disabilities Education Act, Part B, Section 619 - Preschool	\$1,332,032	\$0	\$0	0.00	0.00	0.00
35	<a href="#">2344</a>	Department of Education	Title II, Part A - Improving Teacher Quality	\$10,833,470	\$0	\$0	1.75	0.00	0.00
36	<a href="#">2345</a>	Department of Education	Title II, Part A - State Agencies for Higher Education	\$286,405	\$0	\$0	0.30	0.00	0.00
37	<a href="#">2347</a>	Department of Education	School Breakfast Program	\$10,200,000	\$0	\$0	0.00	0.00	0.00
38	<a href="#">2348</a>	Department of Education	School Lunch Program	\$32,100,000	\$487,127	\$0	0.00	0.00	0.00

# Delaware State Clearinghouse Committee Agenda

July 28, 2015

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
39	<a href="#">2349</a>	Department of Education	Speical Milk Program	\$50,000	\$0	\$0	0.00	0.00	0.00
40	<a href="#">2350</a>	Department of Education	Child and Adult Care Food Program	\$15,000,000	\$0	\$0	1.92	0.00	0.00
41	<a href="#">2351</a>	Department of Education	Child and Adult Care Food Program - Cash in Lieu	\$725,000	\$0	\$0	0.00	0.00	0.00
42	<a href="#">2352</a>	Department of Education	Child and Adult Care Food Program - Sponsor	\$725,000	\$0	\$0	0.00	0.00	0.00
43	<a href="#">2353</a>	Department of Education	Summer Food Service Program	\$2,391,673	\$0	\$0	0.50	0.00	0.00
44	<a href="#">2354</a>	Department of Education	Fresh Fruit and Vegetable Program	\$2,021,482	\$0	\$0	0.00	0.00	0.00
45	<a href="#">2355</a>	Department of Education	National School Lunch Program - Equipment Assistance Grant	\$68,591	\$0	\$0	0.00	0.00	0.00
46	<a href="#">2357</a>	Department of Education	State Administrative Expenses for Child Nutrition	\$937,457	\$242,846	\$0	4.08	2.50	0.00

## Higher Education

1	2015-07-01-01	HE/University of Delaware	NSBRI FELLOWSHIP	\$0	\$0	\$50,840			
2	2015-07-01-02	HE/University of Delaware	Predictive Phenotypes Of Secondary Knee OA	\$1,911,863	\$0	\$0			
3	2015-07-01-03	HE/University of Delaware	Research Agreement between SABIC Innovative Plastics US LLC and the University of Delaware	\$0	\$0	\$128,823			
4	2015-07-01-04	HE/University of Delaware	Impact of Microbial Respiration Pathway on CO2 Efflux: Scaling-up of Molecular Biogeochemical Reactions to Field-Scale Response in Manure Applied Soils	\$636,243	\$0	\$0			
5	2015-07-01-05	HE/University of Delaware	Waterfowl and Highly Pathogenic Avian Influenza (HPAI): Spatio-Temporal Risk Mapping of HPAI in the Central Valley of California	\$0	\$0	\$84,987			
6	2015-07-01-06	HE/University of Delaware	Synthesis and Observation of Emergent Phenomena in Heusler Compound Heterostructures	\$0	\$0	\$148,843			
7	2015-07-01-07	HE/University of Delaware	ACL Reconstructed Knee: qMRI and Biomechanical Modeling	\$1,387,275	\$0	\$0			
8	2015-07-01-08	HE/University of Delaware	Impact of Botulinum Toxin and Vibration on Muscle Quality and Physical Activity in Children With Cerebral Palsy	\$1,012,124	\$0	\$0			
9	2015-07-01-09	HE/University of Delaware	Improving Food Security Using Genomics and Breeding to Understand Chicken Responses to Abiotic and Biotic Stress	\$2,546,001	\$0	\$0			
10	2015-07-01-10	HE/University of Delaware	Planning of Stochastic Behavior in Small Scale Robots and the Related Risk in High-Speed Navigation	\$0	\$0	\$40,625			
11	2015-07-01-11	HE/University of Delaware	Collaborative Research on Deep Ocean Warming and Surface Warming Hiatus	\$16,026	\$0	\$0			
12	2015-07-01-12	HE/University of Delaware	Implementing the Baseline Characterization of Mercury in Carolina Wrens (Thryothorus ludovicianus) Along the South River, Virginia	\$0	\$0	\$102,129			

# Delaware State Clearinghouse Committee Agenda

**July 28, 2015**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
13	2015-07-01-13	HE/University of Delaware	Harnessing the Tools of Developmental and Neural Science to Analyze Speech Processing in Infants with Hearing Loss	\$0	\$0	\$621,368			
14	2015-07-01-14	HE/University of Delaware	Information Processing & Fusion: Vulnerability Detection Using Data-Flow Graphs and SMT Solvers	\$56,643	\$0	\$0			
15	2015-07-01-15	HE/University of Delaware	Helical Proteomimetics to Prevent HIV Entry	\$275,000	\$0	\$0			
16	2015-07-01-16	HE/University of Delaware	HHS OPRE Dissertation Hallam Hooper	\$39,062	\$0	\$0			
17	2015-07-01-17	HE/University of Delaware	Hazing in US Public High Schools	\$531,326	\$0	\$0			
18	2015-07-01-18	HE/University of Delaware	SHF:SMALL: Assisting Developers in the Creation and Maintenance of Unit Tests	\$319,319	\$0	\$0			
19	2015-07-01-19	HE/University of Delaware	Quantitative Assessment of Protective Garment Effects on Soldier Performance	\$12,425	\$0	\$0			
20	2015-07-01-20	HE/University of Delaware	Can Clinical Measures Predict Real-World Walking Performance in Adults with Transtibial Amputations?	\$0	\$0	\$22,727			
21	2015-07-01-21	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			
22	2015-07-01-22	HE/University of Delaware	NCC Council Grants	\$0	\$0	\$1,500			
23	2015-07-01-23	HE/University of Delaware	S2I2: Impl: Chemicals and Materials Software Institute	\$15,114,020	\$0	\$0			
24	2015-07-01-24	HE/University of Delaware	Tolerance for Human Pathogens in Reptiles and Birds	\$0	\$0	\$275,714			
25	2015-07-01-25	HE/University of Delaware	Understanding Effects of Traumatic Insults on Brain Structure and Function	\$51,282	\$0	\$0			
26	2015-07-01-26	HE/University of Delaware	Packaging High Power Photodetectors	\$52,810	\$0	\$0			
27	2015-07-01-27	HE/University of Delaware	Are Nonnative Invasive Plants Enhancing N Cycling And Loss From Forest Fragments And How Significant Is This Effect?	\$372,773	\$0	\$0			
28	2015-07-01-28	HE/University of Delaware	Environmental Fate of Glyphosate and its Degradation Products and Their Impact on Soil Phosphorus Cycling	\$359,795	\$0	\$0			
29	2015-07-01-29	HE/University of Delaware	BBN/ARL Tool and Development Support- Tactical Micro=grids 2015 Mishra	\$0	\$0	\$64,102			
30	2015-07-01-30	HE/University of Delaware	Validation and Impacts of Smarter Balanced Assessments on Postsecondary Readiness, Access, Progress And Persistence	\$3,606,716	\$0	\$0			
31	2015-07-01-31	HE/University of Delaware	NWS/Time, Space, and Uncertainty in Tornado Warning Graphics: Baselines for Improved Understanding and Messaging	\$75,353	\$0	\$0			
32	2015-07-01-32	HE/University of Delaware	Assist in Rearing Wood-Boring Insects Such as Emerald Ash Borers and Asian Longhorned Borers and Their Natural Enemies	\$90,909	\$0	\$0			
33	2015-07-01-33	HE/University of Delaware	Conference: Extreme Climate Event Impacts On Aquatic Biogeochemical Cycles And Fluxes	\$50,000	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

**July 28, 2015**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
34	2015-07-01-34	HE/University of Delaware	Combining Electrical Resistivity Imaging and Conservative Tracers Tests to Characterize and Model Subsurface Phosphorus Losses From Ditch-Drained Soils	\$144,489	\$0	\$0			
35	2015-07-01-35	HE/University of Delaware	Promotion of the Humanities OFC of Digital Humanities	\$60,397	\$0	\$0			
36	2015-07-01-36	HE/University of Delaware	Model-Driven Sensor Management in Support of Decision Making	\$52,425	\$0	\$0			
37	2015-07-01-37	HE/University of Delaware	Spatially Targeted Biomaterials-Directed Engineering of the Adventitium to Enhance Cardiovascular Repair	\$318,124	\$0	\$0			
38	2015-07-01-38	HE/University of Delaware	Material Characterization for Drum Impregnation Modeling Task 3 and 4	\$0	\$0	\$32,052			
39	2015-07-01-39	HE/University of Delaware	Material Characterization for Drum Impregnation Modeling Task 3 and 4	\$0	\$0	\$32,052			
40	2015-07-01-40	HE/University of Delaware	A Biochar-Centered Holistic Approach to Reducing Ammonia Emission and Carbon Footprint from Broiler Production	\$400,990	\$0	\$0			
41	2015-07-01-41	HE/University of Delaware	Acquisition of Goods and Services	\$18,182	\$0	\$0			
42	2015-07-01-42	HE/University of Delaware	Laboratory Support for the Brown Marmorated Stink Bug	\$10,045	\$0	\$0			
43	2015-07-01-43	HE/University of Delaware	Elucidating the Impact of Wnt Inhibitory Nanoparticles on Metastatic Potential of Breast Cancer Cells	\$0	\$0	\$30,000			
44	2015-07-01-44	HE/University of Delaware	Drug Delivery Using Injectable Hydrogels: Low Molecular Weight Heparin for Extended Thromboprophylaxis	\$0	\$0	\$68,000			
45	2015-07-01-45	HE/University of Delaware	University of Delaware Body Worn Camera Project	\$48,152	\$0	\$0			
46	2015-07-01-46	HE/University of Delaware	Flowable Antimicrobial Tissue Scaffolding Matrices for Regeneration	\$0	\$0	\$20,313			
47	2015-07-01-47	HE/University of Delaware	Operation and Maintenance of the Land Ocean Biogeochemical Observatory (Sea-Bird Coastal) in the Murderkill River at Bowers, Delaware, on Behalf of the Kent County Department of Public Works (1	\$0	\$0	\$306,962			
48	2015-07-01-48	HE/University of Delaware	Hostility, Marital Interaction, and Cancer Survivorship	\$0	\$0	\$37,210			
49	2015-07-01-49	HE/University of Delaware	Mediated Electrolysis for Efficient and Economical Regeneration of High-Purity Chlorine from Waste Hydrogen Chloride Gas	\$3,070,903	\$0	\$0			
50	2015-07-01-50	HE/University of Delaware	ARL Novel Design, Fabrication and Characterization of Tunable Infrared Notch Filters Mirotnik	\$400,185	\$0	\$0			
51	2015-07-01-51	HE/University of Delaware	Microstructured Hydrogel Materials for Generating Neoadventitium in Venous Grafts	\$295,626	\$0	\$0			
52	2015-07-01-52	HE/University of Delaware	Collagen-Based Targeting for Improving Delivery and Efficacy of Osteoarthritis Drugs	\$275,000	\$0	\$0			
53	2015-07-01-53	HE/University of Delaware	COPS Presidents' Task Force on 21st Century Policing Field Initiated Projects	\$240,654	\$0	\$0			
54	2015-07-01-54	HE/University of Delaware	Nature of Interplanetary Low Energy Electrons and Positrons	\$1,481,750	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

**July 28, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
55	2015-07-01-55	HE/University of Delaware	Impact of Neonatal Infection on Juvenile Brain Development in Males and Females	\$0	\$0	\$240,000			
56	2015-07-01-56	HE/University of Delaware	WU/NIH Career Development 2011	\$0	\$0	\$87,108			
57	2015-07-01-57	HE/University of Delaware	Investigating Neural Control of Social Communication in Mouse Models of Autism	\$0	\$0	\$240,000			
58	2015-07-01-58	HE/University of Delaware	Exploring Performance-Based Walking Tests as Outcomes in Lumbar Spinal Stenosis	\$450,000	\$0	\$0			
59	2015-07-01-59	HE/University of Delaware	NIH Early-State Development of Informatics Technology	\$907,158	\$0	\$0			
60	2015-07-01-60	HE/University of Delaware	A Three-Dimensional, Cardio and Lymphatic Vascularized In Vitro Metastasis Model	\$0	\$0	\$30,000			
61	2015-07-01-61	HE/University of Delaware	NSF Ship OPS Supplement Safety Maintenance Swallow	\$75,600	\$0	\$0			
62	2015-07-01-62	HE/University of Delaware	UD1022 Drought Resistance, Disease Resistance, and Plant Health Benefits When Incorporated into Soil for Growing Ornamentals and Vegetables	\$0	\$0	\$31,802			
63	2015-07-01-63	HE/University of Delaware	Research and Education Training of African American Undergraduate Engineering Students at an HBCU	\$0	\$0	\$21,794			
64	2015-07-01-64	HE/University of Delaware	Wind Farm Layout Optimizer (WOLF)	\$0	\$0	\$80,912			
65	2015-07-01-65	HE/University of Delaware	NCC Farmers Market Healthy Recipe Demonstration Project	\$0	\$0	\$7,626			
66	2015-07-01-66	HE/University of Delaware	Succession Planning with Prince George's County Educators	\$0	\$0	\$19,684			
67	2015-07-01-67	HE/University of Delaware	Is There Potential of a new Herbicide in Snap Beans	\$0	\$0	\$3,000			
68	2015-07-01-68	HE/University of Delaware	Total Knee Replacement Study	\$0	\$0	\$39,494			
69	2015-07-01-69	HE/University of Delaware	Post Transcriptional Control of Gene Expression in the Lens	\$1,250,000	\$0	\$0			
70	2015-07-01-70	HE/University of Delaware	Structure/Function Studies of Small Heat Shock Proteins	\$0	\$0	\$128,904			
71	2015-07-01-71	HE/University of Delaware	Student Support: IEEE Cluster 2015-2016 Conferences	\$20,000	\$0	\$0			
72	2015-07-01-72	HE/University of Delaware	2015 Tech Takeover Program	\$0	\$0	\$9,090			
73	2015-07-01-73	HE/University of Delaware	Maximizing the Beneficial Impact of Alternative Energy Efficient Lighting for Poultry Production	\$136,751	\$0	\$0			
74	2015-07-01-74	HE/University of Delaware	Where are the Reference Standards? Industrial History and Decorative Arts Libraries as Sources for Dark Storage Paint Samples to Understand Early Modernist Paint Degradation Mechanisms	\$230,781	\$0	\$0			
75	2015-07-01-75	HE/University of Delaware	Controllable Reflectance Roofing System to Tailor Building Solar Loads for Increased HVAC Efficiency	\$24,496	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

**July 28, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
76	2015-07-01-76	HE/University of Delaware	Integrating Vascularized Biomimetic Tumor Models with Gene Regulatory Nanoparticles to Predict and Prevent Metastasis	\$0	\$0	\$300,000			
77	2015-07-01-77	HE/University of Delaware	2015-2016 Health Rocks State Institutionalization Grant	\$0	\$0	\$64,680			
78	2015-07-01-78	HE/University of Delaware	4-H Youth Voice: Youth Choice 2015-16 4H Healthy Living Grants sponsored by Walmart Foundation	\$0	\$0	\$45,000			
79	2015-07-01-79	HE/University of Delaware	Understanding The Complexity of Child Care Decision Making Among Special Populations	\$85,176	\$0	\$0			
80	2015-07-01-80	HE/University of Delaware	Research will be Designed to Study the Efficacy of the JHU Center for Technology Education's TeamQuest Tool for Advancement of Students' Performance/Learning in Mathematics	\$0	\$0	\$36,537			
81	2015-07-01-81	HE/University of Delaware	Fabrication of Vertical Mooring Line Array with Hydrophones with Oceanographic Sensors for Ambient Noise Measurements During the Bottom Survey of the Seabed Characterization Experiment	\$24,256	\$0	\$0			
82	2015-07-01-82	HE/University of Delaware	Quantum Mechanical Study of Interactions in Polymer Composites	\$115,378	\$0	\$0			
83	2015-07-01-83	HE/University of Delaware	Christiana Care Health Services Research Agreement	\$0	\$0	\$118,736			
84	2015-07-01-84	HE/University of Delaware	FY16 Structures Lab Support Services	\$0	\$0	\$38,608			
85	2015-07-01-85	HE/University of Delaware	Preliminary Assessment of Bamboo for Use as a Railway Cross-Tie Material	\$0	\$0	\$32,019			
86	2015-07-01-86	HE/University of Delaware	Mott Foundation Statewide Afterschool Partnerships Grant	\$0	\$0	\$12,500			
87	2015-07-01-87	HE/University of Delaware	Variability and Mechanism of the Inhomogeneous Subpolar North Atlantic Warming During the Global Surface Warming Hiatus	\$302,746	\$0	\$0			
88	2015-07-01-88	HE/University of Delaware	Priming the Brain for Stroke Recovery: Optimizing the Neurotrophic Effects of Aerobic Exercise	\$0	\$0	\$2,920			
89	2015-07-01-89	HE/University of Delaware	Adverse Neurogenic Actions of Dietary Salt	\$2,600,790	\$0	\$0			
90	2015-07-01-90	HE/University of Delaware	The Turbulent Dissipation Challenge: Short-Wavelength Turbulence in the Solar Wind	\$0	\$0	\$160,492			
91	2015-07-01-91	HE/University of Delaware	Collaborative Proposal: Multi-Perspective Evacuation Performance Measurement	\$97,661	\$0	\$0			
92	2015-07-01-92	HE/University of Delaware	NSF Collaborative Proposal: Stress Type2: A Data-Driven, Community Platform for Research on Word Accentual Patterns and their Relation to Phonetics, Phonology, and Morphology	\$193,809	\$0	\$0			
93	2015-07-01-93	HE/University of Delaware	Development and Application of a Multiscale Lagrangian Model for Cloud Physics Research	\$484,889	\$0	\$0			
94	2015-07-01-94	HE/University of Delaware	Promoting First Relationships in Early Head Start Classrooms	\$2,004,375	\$0	\$0			
95	2015-07-01-95	HE/University of Delaware	Wind Turbine Electrical Generators - Radiated Acoustic Field - Impact on Coastal Community Economies	\$0	\$0	\$220,455			
96	2015-07-01-96	HE/University of Delaware	Novel Therapeutics for Pediatric Crohn's Disease	\$0	\$0	\$302,459			



# Delaware State Clearinghouse Committee Agenda

**July 28, 2015**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
97	2015-07-01-97	HE/Delaware State University	Development of portable Quantum Cascade Laser Based Sensor System for Sensitive Detection of Uranium	\$264,438	\$0	\$0			
98	2015-07-01-98	HE/Delaware State University	Strengthening Continuity of Delaware State University Biotechnology Program (DSU-Biotech)	\$749,318	\$0	\$0			
99	2015-07-01-99	HE/Delaware State University	INBRE III- State Supplement 2015	\$0	\$0	\$200,000			
100	2015-07-02-01	HE/Delaware State University	Soil Health & Beekeeping- Year 2	\$100,280	\$0	\$0			
101	2015-07-02-02	HE/Delaware State University	Sub-Contract to Evaluate the Predictive Validity of Smarter Balanced Assessments as Indicators of College Readiness in Selected Majors (STEM Fields and Nursing)	\$0	\$0	\$1,030,105			
102	2015-07-02-03	HE/Delaware State University	A Biochar-Centered Holistic Approach to Reducing the NH3 Emission & Carbon Footprint from Broiler Production	\$147,902	\$0	\$0			
103	2015-07-02-04	HE/Delaware State University	City Lab- Baltimore	\$300,900	\$0	\$0			
104	2015-07-02-05	HE/Delaware State University	Acquisition of Goods and Services	\$4,000	\$0	\$0			
105	2015-07-02-06	HE/Delaware State University	R&D Modeling & Chemometrics	\$149,988	\$0	\$0			
106	2015-07-02-07	HE/Delaware State University	Design & Fabrication of Uncooled Thermal Detectors	\$359,325	\$0	\$0			
107	2015-07-02-08	HE/Delaware State University	Assess to Success (A2S)	\$2,647,764	\$0	\$0			
108	2015-07-02-09	HE/Delaware State University	Modulation of Dopaminergic Neurotransmission by Pre-Synaptic D2 Auto-Receptors	\$526,394	\$0	\$0			
109	2014-05-31-01 Amendment	HE/Delaware State University	Training Socially Disadvantaged, Limited Resource, & Underserved Producers on the Use of a Web Based Decision Aid for Different USDA Programs	\$286,498	\$0	\$0			
110	2015-07-02-10	HE/Delaware Technical and Community College	FY16 EDUCATIONAL TALENT SEARCH (ETS)	\$299,510	\$0	\$0			
111	2015-07-02-11/2282	HE/Delaware Technical and Community College	NIH IDEA OF BIOMEDICAL RESEARCH & RESEARCH TRAINING	\$194,549	\$0	\$100,000			

# Delaware State Clearinghouse Committee Agenda

**August 25, 2015**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>Notice of Award</b>									
	<a href="#">2015-08-11-01</a>	Delaware Health Information Network	Promoting Health Information Technology Adoption and Health Information Exchange Across the Continuum of Care	\$2,752,728	\$0	\$0	0.00	0.00	0.00
<b>New Business</b>									
1	<a href="#">2370</a>	Department of State, Libraries	Corporation for National and Community Services Volunteers in Service to America	\$48,102	\$11,000	\$0	0.00	0.00	0.00
2	<a href="#">2340</a>	<del>Department of Health and Social Services, Public Health, Community Health</del>	<del>Delaware Prescription Drug Abuse Prevention</del>	<del>\$864,788</del>	<del>\$0</del>	<del>\$0</del>	<del>0.00</del>	<del>0.00</del>	<del>0.00</del>
3	<a href="#">2371</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Preserving the Voice of History	\$29,980	\$19,657	\$0	0.00	0.15	0.00
4	<a href="#">1956 Amendment</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Homeland Security Grant Program	\$58,042	\$0	\$0	0.00	0.00	0.00
5	<a href="#">2411</a>	Department of Agriculture, Agriculture Compliance	Animal Feed Regulatory Program Standards	\$1,115,500	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
6	<a href="#">2390</a>	Legal, Office of Attorney General	Victims Compensation Assistance	\$1,707,000	\$0	\$0	0.00	0.00	0.00
7	<a href="#">2402</a>	Legal, Office of Attorney General	Internet Crimes Against Children	\$236,280	\$0	\$0	3.00	0.00	0.00
8	<a href="#">2403</a>	Legal, Office of Attorney General	Medicaid Fraud Unit	\$1,547,005	\$515,668	\$0	13.00	4.00	0.00
9	<a href="#">2388</a>	Department of State, Historical and Cultural Affairs, Office of the Director	Historic Preservation Grant-In-Aid	\$528,259	\$425,387	\$0	5.40	5.10	0.00
10	<a href="#">2239</a>	Department of Health and Social Services, State Service Centers	Access and Visitation Program	\$100,000	\$11,111	\$0	0.00	0.00	0.00
11	<a href="#">2367</a>	Department of Health and Social Services, Long Term Care Residents Protection	Centers for Medicare and Medicaid Services Survey and Certification - Medicare	\$1,106,594	\$0	\$0	8.80	2.80	0.00
12	<a href="#">2368</a>	Department of Health and Social Services, Long Term Care Residents Protection	Centers for Medicare and Medicaid Services Survey and Certification - Medicaid	\$688,106	\$218,897	\$0	8.05	2.76	0.00
13	<a href="#">2393</a>	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Food	\$10,824,026	\$4,814,400	\$0	0.00	0.00	0.00
14	<a href="#">2394</a>	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Administration	\$5,707,671	\$0	\$0	49.05	0.00	0.00
15	<a href="#">2395</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
16	<a href="#">2401</a>	Department of Health and Social Services, Child Support Enforcement	Child Support Enforcement	\$30,586,067	\$15,493,498	\$0	129.22	68.78	0.00
17	<a href="#">2407</a>	Department of Health and Social Services, Public Health, Community Health	Preventive Health and Health Services Block Grant	\$281,928	\$0	\$0	0.00	0.00	0.00

# Delaware State Clearinghouse Committee Agenda

**August 25, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
18	<a href="#">2415</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
19	<a href="#">1757 Amendment</a>	Department of Health and Social Services, Social Services	Supplemental Nutrition Assistance Program - Employment and Training for Able-Bodied Adults Without Dependents	\$725,273	\$0	\$0	0.00	0.00	0.00
20	<a href="#">2290</a>	Department of Services for Children, Youth and Their Families, Management Support Services, Office of the Secretary	Title IV-E - Foster Care	\$5,400,000	\$5,400,000	\$0	4.79	4.79	0.00
21	<a href="#">2298</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
22	<a href="#">2324</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Atlantic Flyway Cooperative Waterfowl Banding	\$5,792	\$1,931	\$0	0.00	0.00	0.00
23	<a href="#">2361</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Environmental Review and Technical Assistance	\$113,085	\$60,123	\$0	0.07	0.24	0.00
24	<a href="#">2362</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wildlife Investigations - Surveys	\$29,595	\$9,865	\$0	0.06	0.09	0.00
25	<a href="#">2363</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	State Clean Diesel Grant Program	\$174,106	\$0	\$183,000	0.01	0.00	0.00
26	<a href="#">2364</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Community Assistance Program	\$123,777	\$30,945	\$0	1.00	0.25	0.00
27	<a href="#">2369</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Environmental Finance	Drinking Water State Revolving Fund	\$8,845,000	\$1,769,000	\$0	21.35	0.00	0.00
28	<a href="#">2376</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Wild Turkey and Upland Game Birds	\$19,823	\$6,608	\$0	0.10	0.07	0.00
29	<a href="#">2377</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Dam Safety Program	\$53,179	\$0	\$0	0.00	0.00	0.00
30	<a href="#">2387</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	\$36,627	\$19,722	\$0	0.00	0.01	0.00
31	<a href="#">2391</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Watershed Stewardship	Cooperating Technical Partnership	\$100,000	\$0	\$0	0.84	0.00	0.00
32	<a href="#">2396</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Delaware Shorebird Conservation	\$77,254	\$41,598	\$0	0.00	0.04	0.00
33	<a href="#">2405</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Brownfields Revitalization	\$431,765	\$0	\$0	3.61	0.00	0.00
34	<a href="#">2011-06-13-02 Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Core	\$460,000	\$92,818	\$0	5.70	0.71	0.00
35	<a href="#">2012-03-30-01 Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - DuPont Newport	\$2,000	\$0	\$0	0.02	0.00	0.00
36	<a href="#">2012-07-19-01 Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Millsboro TCE AOC #2	\$3,000	\$0	\$0	0.03	0.00	0.00
37	<a href="#">2392</a>	Department of Transportation, Planning	Statewide Continuous Aviation System Planning	\$157,500	\$17,500	\$0	0.00	0.00	0.00
38	<a href="#">2322</a>	Department of Labor, Division of Unemployment Insurance	Unemployment Insurance Administration Grant	\$11,477,832	\$0	\$0	129.00	0.00	0.00

# Delaware State Clearinghouse Committee Agenda

**August 25, 2015**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
39	<a href="#">2384</a>	Department of Labor, Division of Unemployment Insurance	Trade and Alternative Trade Adjustment Assistance	\$6,708,000	\$0	\$0	0.00	0.00	0.00
40	<a href="#">2398</a>	Department of Labor, Unemployment Insurance	Reemployment and Eligibility Assessment	\$257,804	\$0	\$0	2.75	0.00	0.00
41	<a href="#">2332</a>	Department of Agriculture, Forest Service	Forest Legacy Program	\$40,000	\$14,188	\$0	0.00	0.07	0.00
42	<a href="#">2333</a>	Department of Agriculture, Forest Service	Conservation Reserve Program - Sign-up period 46	\$3,585	\$0	\$0	0.00	0.00	0.00
43	<a href="#">2336</a>	Department of Agriculture, Forest Service	Forest Stewardship Program	\$87,900	\$88,400	\$0	0.95	1.05	0.00
44	<a href="#">2339</a>	Department of Agriculture, Forest Service	Volunteer Fire Assistance	\$24,208	\$24,228	\$0	0.00	0.01	0.00
45	<a href="#">2372</a>	Department of Agriculture, Food Products Inspection	Cooperative Meat Inspection	\$296,047	\$296,047	\$0	2.60	2.60	0.00
46	<a href="#">2373</a>	Department of Agriculture, Food Products Inspection	Cross Utilization	\$247,819	\$0	\$0	3.60	0.00	0.00
47	<a href="#">2374</a>	Department of Agriculture, Food Products Inspection	Public Health Data Communication Infrastructure System	\$990	\$0	\$0	0.00	0.00	0.00
48	<a href="#">2397</a>	Department of Agriculture, Administration	Crop Insurance Education in Targeted States	\$287,000	\$0	\$0	0.00	0.00	0.00
49	<a href="#">2312</a>	Delaware National Guard	Army National Guard Operations and Maintenance Agreement	\$4,527,888	\$2,411,200	\$0	17.00	13.00	0.00
50	<a href="#">2313</a>	Delaware National Guard	Army National Guard Environmental Resource Management	\$361,700	\$0	\$0	3.00	0.00	0.00
51	<a href="#">2314</a>	Delaware National Guard	Air National Guard Military Operations and Maintenance Projects	\$3,887,983	\$519,239	\$0	44.00	4.00	0.00
52	<a href="#">2315</a>	Delaware National Guard	Air National Guard Security Guard Agreement	\$1,232,632	\$0	\$0	21.00	0.00	0.00
53	<a href="#">2383</a>	Department of Education	Statewide Longitudinal Data Systems	\$6,971,094	\$0	\$0	0.00	0.00	0.00

## Higher Education

1	2015-08-01-01	HE/University of Delaware	Improved Protein Refolding and Solubility	\$0	\$0	\$106,191			
2	2015-08-01-02	HE/University of Delaware	Collagen Turnover-Stimulated Gene Delivery to Enhance Chronic Wound Repair	\$1,058,986	\$0	\$0			
3	2015-08-01-03	HE/University of Delaware	2016 Proposal for Special Initiative on Offshore Wind	\$0	\$0	\$65,217			
4	2015-08-01-04	HE/University of Delaware	Advanced Materials & Technology Assessment of Additive Manufacturing	\$0	\$0	\$6,410			
5	2015-08-01-05	HE/University of Delaware	Northeast Extension Risk Management Education (ERME) Center 2015 ARME Risk Management Education Partnerships	\$1,841,518	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

**August 25, 2015**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
6	2015-08-01-06	HE/University of Delaware	Collaborative Research: North Pacific Ocean to Atmosphere Heat Flux During the Mid Pleistocene Climate Transition	\$188,608	\$0	\$0			
7	2015-08-01-07	HE/University of Delaware	CAREER: Two-Dimensional Dirac Plasmons in Topological Insulators	\$290,504	\$0	\$0			
8	2015-08-01-08	HE/University of Delaware	CONSERVE: A Center of Excellence at the Nexus of Sustainable Water Reuse, Food, and Health	\$0	\$0	\$1,135,843			
9	2015-08-01-09	HE/University of Delaware	Project: Integrated Manufacturing of No-Crimp, High Pressure Lay Flat Hoses	\$0	\$0	\$419,537			
10	2015-08-01-10	HE/University of Delaware	ERP Signatures of Attachment Height Variations in English and Spanish	\$7,400	\$0	\$0			
11	2015-08-01-11	HE/University of Delaware	EDT: Internships and Projects with Career Workshops	\$452,924	\$0	\$0			
12	2015-08-01-12	HE/University of Delaware	QESST: ERC for Quantum Energy and Sustainable Solar Technologies	\$0	\$0	\$235,295			
13	2015-08-01-13	HE/University of Delaware	Waterfowl and Highly Pathogenic Avian Influenza (HPAI): Spatio-Temporal Risk Mapping of HPAI in the Central Valley of California	\$0	\$0	\$29,938			
14	2015-08-01-14	HE/University of Delaware	Self-Sensing, Nano-Reinforced, Carbon Composite Structures	\$0	\$0	\$53,445			
15	2015-08-01-15	HE/University of Delaware	Small Business Administration Cooperative Agreement FY15-16	\$589,099	\$439,194	\$0			
16	2015-08-01-16	HE/University of Delaware	CAREER: Functional Analysis of microRNAs in Early Development	\$358,641		\$0			
17	2015-08-01-17	HE/University of Delaware	Luminal Fluid Movements Regulate Airway Branching Morphogenesis	\$0	\$0	\$137,000			
18	2015-08-01-18	HE/University of Delaware	Understanding Agricultural Water Use Behavior Through Randomized Controlled Trials	\$448,126	\$0	\$0			
19	2015-08-01-19	HE/University of Delaware	Preparing and Sequencing Reduced Representation Genomic Libraries Using Next-Generation Sequencing Technology	\$54,545	\$0	\$0			
20	2015-08-01-20	HE/University of Delaware	Inflammatory Cytokines, Bone Marrow Blood Vessel Ossification and Ossified Emboli	\$0	\$0	\$136,270			
21	2015-08-01-21	HE/University of Delaware	CAREER: When Anomalous Becomes the Norm --- Reaction and (Sub) Diffusion in Heterogeneous Membranes	\$541,765	\$0	\$0			
22	2015-08-01-22	HE/University of Delaware	A Biopsychosocial Model of Women's Departure From STEM Fields	\$5,000	\$0	\$0			
23	2015-08-01-23	HE/University of Delaware	CAREER: Stochastic Methods for Studying Biochemical Processes Inside Single Cells	\$277,212	\$0	\$0			
24	2015-08-01-24	HE/University of Delaware	CAREER: Interplay between Structural Dynamics and Electron Transfer: Quantum Vibrational Modes, Electron Transfer Spectrum, and Coherence	\$446,580	\$0	\$0			
25	2015-08-01-25	HE/University of Delaware	Enhancing Anaerobic Digestion Technologies for Animal Waste Management with Nutrient Recovery	\$0	\$0	\$124,237			
26	2015-08-01-26	HE/University of Delaware	HHS DATI 15 Delaware Assistive Technology Initiative	\$502,769	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

August 25, 2015

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
27	2015-08-01-27	HE/University of Delaware	Mechanisms Contributing to Vascular Dysfunction in Women: Role of Estradiol	\$0	\$0	\$280,000			
28	2015-08-01-28	HE/University of Delaware	Metabolic Disease and the Gut Microbiome of the Aging Horse	\$0	\$0	\$95,288			
29	2015-08-01-29	HE/University of Delaware	CAREER: The Breathing of Salt Marshes: Research and Education on Land-Atmosphere Interactions, Carbon Dynamics, and Ecosystem Functional Types	\$466,203	\$0	\$0			
30	2015-08-01-30	HE/University of Delaware	Characterization of Novel Chromatographic Adsorbents	\$0	\$0	\$34,771			
31	2015-08-01-31	HE/University of Delaware	Targeting Physical Activity Behavior Change for Adults At-Risk for CVD Using Smartphone and Fitbit Technology	\$0	\$0	\$136,165			
32	2015-08-01-32	HE/University of Delaware	An Evaluation of a Bacillus Organism on the Fermentation and Aerobic Stability of Corn Silage	\$0	\$0	\$12,522			
33	2015-08-01-33	HE/University of Delaware	Using Poultry Litter-Derived Biochar as Litter Amendment to Control Ammonia Emissions	\$0	\$0	\$53,561			
34	2015-08-01-34	HE/University of Delaware	Sources and Fate of Inositol Phosphates in Soils	\$426,882	\$0	\$0			
35	2015-08-01-35	HE/University of Delaware	2015 Cecil County Maryland and New Castle County Delaware GPS Travel Time, Speed and Delay Data Collection and Analysis	\$0	\$0	\$13,619			
36	2015-08-01-36	HE/University of Delaware	Chip Design/Air Force Service Agreement Phase 2, \$10k Increment-KIAMILEV	\$0	\$0	\$10,000			
37	2015-08-01-37	HE/University of Delaware	Chip Design/Air Force Service Agreement Phase 2, \$100k Increment-KIAMILEV	\$0	\$0	\$100,000			
38	2015-08-01-38	HE/University of Delaware	Carbonyls to Cancer Therapeutics	\$271,573	\$0	\$0			
39	2015-08-01-39	HE/University of Delaware	Indoor Air Quality Assessments and Public Education For Participatory Public Policy	\$453,269	\$0	\$0			
40	2015-08-01-40	HE/University of Delaware	Determination of the Interaction of Stocking Density and Wellbeing in Broilers	\$0	\$0	\$109,895			
41	2015-08-01-41	HE/University of Delaware	Career: Deciphering Conserved RNA Binding Protein-Mediated Regulatory Networks in Vertebrate Eye Development	\$573,839	\$0	\$0			
42	2015-08-01-42	HE/University of Delaware	Delaware Bay Coastal Resilience: Regional Analysis of Thresholds and Tipping Points in Coastal Resiliency Across Urban to Rural Gradient	\$0	\$0	\$135,119			
43	2015-08-01-43	HE/University of Delaware	CAREER: In-situ Spectroscopic Studies of Electrochemical Reduction of CO2 Elucidating the Interplay Between Electrocatalysts and Electrolyte Electrochemical Reduction of CO2 Elucidating the Interplay Between Electrocatalysts and Electrolyte	\$382,468	\$0	\$0			
44	2015-08-01-44	HE/University of Delaware	Career: Nucleobase Interactions for Directed Assembly of Responsive Macromolecular Structures	\$347,922	\$0	\$0			
45	2015-08-01-45	HE/University of Delaware	Career: Life in the Subsurface: Letting Sequences Tell the Story	\$526,278	\$0	\$0			
46	2015-08-01-46	HE/University of Delaware	Career: Molecular Recognition of Bacterial cell Wall Fragments by Yeast and Humans	\$556,920	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
47	2015-08-01-47	HE/University of Delaware	Career: Light as a Biological Factor Across High Arctic Seasons	\$519,094	\$0	\$0			
48	2015-08-01-48	HE/University of Delaware	Career: In Situ Spectroscopic Probing of Ionic Liquid Interfaces	\$457,730	\$0	\$0			
49	2015-08-01-49	HE/University of Delaware	Career: Light-Regulated Heterotrophy in Actinobacteria	\$605,532	\$0	\$0			
50	2015-08-01-50	HE/University of Delaware	Career: Microstructural Investigation of Unsaturated Granular Soil Behavior	\$346,940	\$0	\$0			
51	2015-08-01-51	HE/University of Delaware	Cloud Evolution on Uranus with K2 and HIST	\$26,757	\$0	\$0			
52	2015-08-01-52	HE/University of Delaware	Surgical Glove with Shear Thickening Fluid Textile Composites for Protection Against Needle stick Injuries	\$0	\$0	\$175,781			
53	2015-08-01-53	HE/University of Delaware	Scope of Work for the University of Delaware to Provide Training for 15 International Laboratory Staff for the 2016 Veterinary Diagnostic Laboratory Quality Assurance (VDLQA) Certificate Training Program	\$159,834	\$0	\$0			
54	2015-08-01-54	HE/University of Delaware	Student Leaders Program in the Middle East and North Africa	\$253,047	\$0	\$0			
55	2015-08-01-55	HE/University of Delaware	Milford School District Professional Development 2016: Milford High; Central Academy; Ross, Mispillion, Morris, Banneker	\$0	\$0	\$27,602			
56	2015-08-01-56	HE/University of Delaware	Milford School District professional Development 2016: Milford High	\$0	\$0	\$13,710			
57	2015-08-01-57	HE/University of Delaware	FCC NDBEDP National Deaf-Blind Equipment Distribution Program	\$62,715	\$0	\$0			
58	2015-08-01-58	HE/University of Delaware	STTR Phase II: Novel Cathode Materials for Flexible Batteries	\$0	\$0	\$201,221			
59	2015-08-01-59	HE/University of Delaware	Career: Phase Transitions in Some Discrete Random Models and Mixing of Markov Chains	\$416,967	\$0	\$0			
60	2015-08-01-60	HE/University of Delaware	Mid-Atlantic Regional Resilience: Linking Coastal Ocean Information to Enhance Economic, Social and Ecological Resilience	\$8,797	\$0	\$0			
61	2015-08-01-61	HE/University of Delaware	Across-Shelf Exchange of Dynamically Wide Canyons at Tidal to Interannual Time Scales	\$339,877	\$0	\$0			
62	2015-08-01-62	HE/University of Delaware	Life on Clays: Evaluating Fe(II)-Smectites as Electron Donors on Early Earth and Other Planetary Bodies	\$0	\$0	\$185,110			
63	2015-08-01-64	HE/University of Delaware	Special Initiative on Offshore Wind	\$0	\$0	\$61,699			
64	2015-08-01-65	HE/University of Delaware	Understanding the Effects of Ocean Acidification on the Cognitive Ability of Sharks	\$0	\$0	\$5,261			
65	2015-08-01-66	HE/University of Delaware	Gauging Public Perceptions Before and After Installation of the US First Offshore Wind Power Turbines	\$0	\$0	\$60,187			
66	2015-08-01-67	HE/University of Delaware	Ecological Restoration of Fishers Island	\$0	\$0	\$60,392			
67	2015-08-01-68	HE/University of Delaware	Exploring the Heterogeneity and Dynamics of Wnt and Hedgehog Signaling in Breast Cancer Cells	\$0	\$0	\$180,000			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
68	2015-08-01-69	HE/University of Delaware	Research Will be Designed to Study the Efficacy of the JHU Center for Technology Education's TeamQuest Tool for Advancement of Students' Performance/Learning in Mathematics	\$0	\$0	\$36,833			
69	2015-08-01-70	HE/University of Delaware	Transformation Approaches for Raphidophytes	\$0	\$0	\$139,773			
70	2015-08-01-71	HE/University of Delaware	PADE Planned Parenthood 15/16 Partner Organization	\$0	\$0	\$15,500			
71	2015-08-01-72	HE/University of Delaware	PADE Be Ready CDC 15/16 Partner Organization	\$0	\$0	\$12,000			
72	2015-08-01-73	HE/University of Delaware	PADE One Village Alliance 15/16 Partner Organization	\$0	\$0	\$13,800			
73	2015-08-01-74	HE/University of Delaware	PADE Great Oaks Charter School 15/16 Partner Organization	\$0	\$0	\$80,700			
74	2015-08-01-75	HE/University of Delaware	PADE Delaware Futures 15/16 Partner Organization	\$0	\$0	\$13,800			
75	2015-08-01-76	HE/University of Delaware	PADE Communities in Schools 15/16 Partner Organization	\$0	\$0	\$47,400			
76	2015-08-01-77	HE/University of Delaware	PADE The Nature Conservancy 15/16 Partner Organization	\$0	\$0	\$13,800			
77	2015-08-01-78	HE/University of Delaware	PADE 4H After School 15/16 Partner Organization	\$0	\$0	\$13,799			
78	2015-08-01-79	HE/University of Delaware	PADE 4H Botvins 15/16 Partner Organization	\$0	\$0	\$13,799			
79	2015-08-01-80	HE/University of Delaware	PADE 4H Health Rocks 15/16 Partner Organization	\$0	\$0	\$15,500			
80	2015-08-01-81	HE/University of Delaware	PADE 4H Healthy Living 15/16 Partner Organization	\$0	\$0	\$15,500			
81	2015-08-01-82	HE/University of Delaware	Characterization of Early Steps in Downstream Processing of Biologics	\$0	\$0	\$238,694			
82	2015-08-01-83	HE/University of Delaware	Multimodal Brain Imaging to Assess Somatosensory Function and Plasticity after Stroke	\$646,545	\$0	\$0			
83	2015-08-01-84	HE/University of Delaware	A Large Scale Investigation of Higher-Order Malleable Skills Related to Reading Comprehension and Written Expression Across Grades 3-8	\$0	\$0	\$64,317			
84	2015-08-01-85	HE/University of Delaware	Long-Term Impacts of Reading Recovery Under the i3 Scale-Up	\$740,017	\$0	\$0			
85	2015-08-01-86	HE/University of Delaware	Efficacy of the DCCS Program: ESL and Classroom Teachers Working Together with Students and Families	\$0	\$0	\$237,644			
86	2015-08-01-87	HE/University of Delaware	Effect of Physical Activity on the Recovery of Calf Muscle Strength and Tendon Mechanical Properties After an Acute Achilles Tendon Rupture	\$0	\$0	\$40,000			
87	2015-08-01-88	HE/University of Delaware	Organization of a Simple Energy	\$0	\$0	\$2,244			
88	2015-08-01-89	HE/University of Delaware	Assessing the Capacity and Commitment for Climate Change Adaptation in Mid-Atlantic Coastal Communities	\$203,406	\$0	\$0			



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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
89	2015-08-01-90	HE/University of Delaware	A Researcher-Practitioner Partnership Examining the Use of Automated Essay Evaluation Software for Improving Students' Writing Achievement	\$346,313	\$0	\$0			
90	2015-08-01-91	HE/University of Delaware	Supporting Strategic Writers: Effects of an Innovative Developmental Writing Program on Writing and Reading Outcomes	\$2,321,684	\$0	\$0			
91	2015-08-01-92	HE/University of Delaware	The Targeted Reading Intervention: Investigating the Efficacy of a Web-Based Early Reading Intervention Professional Development Program for K-1 English Learners	\$2,899,113	\$0	\$0			
92	2015-08-01-93	HE/University of Delaware	Development and Refinement of Beginning Writing Assessments	\$1,247,246	\$0	\$0			
93	2015-08-01-94	HE/University of Delaware	Embodied Rhythm Interventions for Young Children With Autism Spectrum Disorders	\$961,538	\$0	\$0			
94	2015-08-01-95	HE/University of Delaware	Novel Therapeutics for Pediatric Crohn's Disease	\$0	\$0	\$180,000			
95	2015-08-01-96	HE/University of Delaware	Nemours ECE 15-16	\$0	\$0	\$23,411			
96	2015-08-01-97	HE/University of Delaware	Phase 1 Rubble Mound Guidance: Hydraulic Response and Armor Layer Stability of Coastal Structures	\$0	\$0	\$29,787			
97	2015-08-01-98	HE/University of Delaware	Chemical Camouflage on Coral Reefs: Mechanisms, Functional Roles, and the Effects of Habitat Degradation	\$0	\$0	\$4,830			
98	2015-08-01-99	HE/University of Delaware	Investigations on European Corn Borer on Bt Corn	\$0	\$0	\$29,740			
99	2015-08-02-01	HE/University of Delaware	Collaborative Research: High-Resolution Analysis of Horizontal Gene Transfer in Deep-Subsurface, Isolated Microbial Communities	\$264,100	\$0	\$0			
100	2015-08-02-02	HE/University of Delaware	Assessing Language Comprehension in Toddlers at Risk for Language Delay	\$1,379,579	\$0	\$0			
101	2015-08-02-03	HE/University of Delaware	Developing Fraction Sense in Students with Mathematics Difficulties	\$984,843	\$0	\$0			
102	2015-08-02-04	HE/University of Delaware	PADE Boys & Girls Clubs of Delaware - Dream Chasers	\$0	\$0	\$13,800			
103	2015-08-02-05	HE/University of Delaware	Development of a Supplemental, Targeted Writing Intervention for At-Risk Writers in First Grade	\$1,153,996	\$0	\$0			
104	2015-08-02-06	HE/University of Delaware	PADE PARTNER Metropolitan Wilmington Urban League 2015/2016	\$0	\$0	\$13,800			
105	2015-08-02-07	HE/University of Delaware	Small Business Administration Cooperative Agreement FY14-15	\$91,743	\$0	\$0			
106	2015-08-02-08	HE/Delaware State University	Teach Grant	\$9,399	\$0	\$0			
107	2015-08-02-09	HE/Delaware State University	PELL	\$66,944	\$0	\$0			
108	2015-08-02-10	HE/Delaware State University	Federal Supplemental Opportunity Grant	\$178,703	\$0	\$0			
109	2015-08-02-11	HE/Delaware State University	Federal Work Study	\$194,699	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
110	2015-08-02-12	HE/Delaware State University	Development of A Novel Automated Classification System of Diminutive Polyps	\$75,999	\$0	\$0			
111	2015-08-02-13	HE/Delaware State University	Strengthening Historically Black Colleges and Universities	\$2,319,633	\$0	\$0			
112	2015-08-02-14	HE/Delaware State University	Time-Domain Vector Maxwell Solver Based on Electrically and Magnetically Anisotropic Media	\$454,400	\$0	\$0			
113	2015-08-02-15	HE/Delaware State University	Improving Surface Treatment and Electrical Contacts of CMT and CZT Nuclear Detectors	\$21,000	\$0	\$0			
114	2015-08-02-16	HE/Delaware State University	CAREER: Development of Sensing System for High-Resolution, Ultrasensitive Simultaneous Detection of Multiple Chemical Species in the Mid-Infrared Region	\$500,700	\$0	\$0			
115	2015-08-02-17	HE/Delaware State University	CAREER: Demonstration of a High Intensity, Fully Coherent Plasma Laser with Wide Wavelength Tunability	\$411,569	\$0	\$0			
116	2015-08-02-18	HE/Delaware State University	CAREER: Understanding the Interactions between Nanoparticles and Lipid Membranes	\$832,411	\$0	\$0			
117	2014-05-31-05 Amendment	HE/Delaware State University	Historically Black Graduate Institutions Program	\$807,182	\$0	\$0			
118	2012-02-29-05 Amendment	HE/Delaware State University	A Tale of Two Synapses: The Development of Neurotransmitter Phenotype in Motor	\$127,265	\$0	\$0			
119	2015-08-02-19	HE/Delaware Technical and Community College	Upward Bound Math & Science Center	\$273,899	\$0	\$0			
120	2015-08-02-20	HE/Delaware Technical and Community College	Classic Upward Bound - Owens Campus	\$302,274	\$0	\$0			
121	2015-08-02-21	HE/Delaware Technical and Community College	Collaborative Approach To Recruit & Train a Diverse Workforce	\$16,250	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

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<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business</b>									
1	<a href="#">2475</a>	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Act - Assistance Discretionary Training	\$114,455	\$0	\$0	0.00	0.00	0.00
2	<a href="#">2476</a>	Executive, Criminal Justice, Criminal Justice Council	Victims of Crime Act - Victims Assistance	\$6,099,408	\$245,246	\$1,203,364	1.80	0.00	0.00
3	<a href="#">2435</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Delaware Alzheimer's Disease Initiative	\$902,031	\$225,508	\$101,384	0.00	0.50	0.00
4	<a href="#">2461</a>	<del>Department of Health and Social Services, Public Health, Community Health</del>	<del>Increasing Awareness of Adult Immunization Practice</del>	<del>\$645,736</del>	<del>\$0</del>	<del>\$0</del>	<del>0.30</del>	<del>0.00</del>	<del>0.00</del>
5	<a href="#">2467</a>	Department of Health and Social Services, Public Health, Community Health	Voluntary National Retail Food Regulatory Standards	\$70,000	\$0	\$0	0.00	0.00	0.00
6	<a href="#">2389</a>	<del>Department of Natural Resources and Environmental Control, Office of the Secretary, Energy and Climate</del>	<del>State Energy Program - Competitive</del>	<del>\$800,000</del>	<del>\$0</del>	<del>\$375,000</del>	<del>0.20</del>	<del>0.00</del>	<del>0.00</del>
7	<a href="#">2399</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	White-tailed Deer Research - Fawn Survival	\$368,556	\$122,852	\$0	0.00	0.00	0.00
8	<a href="#">2420</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Coastal Impoundment Restoration and Enhancement	\$3,300,000	\$1,100,000	\$0	0.90	1.00	0.00
9	<a href="#">2422</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Eastburn Farm Acquisition	\$1,433,254	\$644,000	\$0	0.00	0.00	0.00
10	<a href="#">2438</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Division of Water	U.S. Geological Survey Non-Competitive Assistance	\$26,000	\$0	\$0	0.00	0.00	0.00
<b>Continued</b>									
11	<a href="#">2316</a>	Judicial, Administrative Office of the Courts - Non-Judicial Services, Child Death Review Commission	Parent Education Abusive Head Trauma Prevention	\$40,000	\$8,000	\$0	0.00	0.60	0.00
12	<a href="#">2477</a>	Executive, Criminal Justice, Criminal Justice Council	Family Violence Prevention and Services Act	\$781,708	\$10,010	\$185,657	0.45	0.10	0.00
13	<a href="#">2478</a>	Executive, Criminal Justice, Criminal Justice Council	Sexual Assault Services Program	\$272,885	\$0	\$0	0.10	0.00	0.00
14	<a href="#">2480</a>	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$67,015	\$22,338	\$0	0.00	0.04	0.00
15	<a href="#">2381</a>	Executive, Criminal Justice, Criminal Justice Council	Title II - Formula Block Grant	\$400,000	\$40,000	\$0	0.52	0.55	0.00
16	<a href="#">2473</a>	Executive, Office of Management and Budget, Food Distribution	Commodity Supplemental Food Program	\$180,171	\$0	\$0	0.00	0.00	0.00
17	<a href="#">2479</a>	Executive, Office of Management and Budget, Food Distribution	State Administrative Expense Funds	\$112,899	\$0	\$0	1.30	0.00	0.00
18	<a href="#">2500</a>	Executive, Office of Management and Budget, Food Distribution	The Emergency Food Assistance Program	\$117,094	\$104,619	\$0	1.00	2.40	0.00

# Delaware State Clearinghouse Committee Agenda

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
19	<a href="#">1951 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	State Indoor Radon Grant	\$200,000	\$162,420	\$0	0.20	0.82	0.00
20	<a href="#">2015-07-07-02</a>	Department of Health and Social Services, Public Health, Community Health	Mammography Facility Inspection Contract	\$41,487	\$0	\$0	0.00	0.00	0.00
21	<a href="#">2240</a>	Department of Health and Social Services, State Service Centers	Community Services Block Grant	\$3,551,915	\$0	\$0	1.75	0.00	0.00
22	<a href="#">2379</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Independent Living	\$45,803	\$4,671	\$0	0.40	0.00	0.00
23	<a href="#">2380</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Independent Living Services for Older Individuals Who Are Blind	\$225,000	\$45,422	\$0	2.80	0.40	0.00
24	<a href="#">2436</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Title III, Part B - Supportive Services	\$1,721,234	\$2,100,000	\$0	13.50	17.00	0.00
25	<a href="#">2440</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Title III, Part C - Congregate Meals	\$2,169,044	\$1,250,001	\$0	4.25	7.50	0.00
26	<a href="#">2441</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Title III, Part C - Home Delivered Meals	\$1,075,670	\$2,232,301	\$0	0.00	0.00	0.00
27	<a href="#">2442</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Title III, Part D - Disease Prevention and Health Promotion Services	\$98,661	\$0	\$0	0.00	0.00	0.00
28	<a href="#">2443</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	2.00	0.00	0.00
29	<a href="#">2444</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Nutrition Services Incentive Program	\$466,497	\$0	\$0	0.00	0.00	0.00
30	<a href="#">2445</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Title VII - Elder Abuse Prevention	\$23,832	\$0	\$0	0.00	0.00	0.00
31	<a href="#">2446</a>	Department of Health and Social Services, Services for Aging and Adults with Physical Disabilities	Title VII - Ombudsman Activity	\$79,314	\$0	\$0	0.00	0.00	0.00
32	<a href="#">2450</a>	Department of Health and Social Services, Public Health, Community Health	Adult Viral Hepatitis Prevention and Control	\$114,553	\$0	\$0	1.00	0.00	0.00
33	<a href="#">2452</a>	Department of Health and Social Services, Public Health, Community Health	HIV/AIDS Surveillance	\$300,765	\$0	\$0	3.50	0.00	0.00
34	<a href="#">2466</a>	Department of Health and Social Services, Public Health, Community Health	Maternal and Child Health Services	\$1,958,687	\$12,318,298	\$0	20.65	54.10	0.00
35	<a href="#">1828 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Wildlife Investigations - White-tailed Deer	\$89,670	\$29,890	\$0	0.00	0.00	0.00
36	<a href="#">1835 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	State Wildlife Grant Coordination in Delaware	\$5,000	\$2,692	\$0	0.09	0.02	0.00
37	<a href="#">1846 Amendment</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Waterfowl and Migratory Game Birds	\$44,696	\$14,899	\$0	0.31	0.12	0.00
38	<a href="#">2308</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Coastal Fisheries Management Assistance	\$167,309	\$502	\$0	1.27	0.00	0.00
39	<a href="#">2323</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	White-nose Syndrome Grants to States	\$28,391	\$0	\$0	0.16	0.00	0.00

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
40	<a href="#">2356</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Standard Chlorine - Metachem	\$5,000	\$0	\$0	0.04	0.00	0.00
41	<a href="#">2378</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Technical Assistance to Non-tidal Fisheries	\$33,529	\$11,176	\$0	0.42	0.07	0.00
42	<a href="#">2382</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Waste and Hazardous Substances	Support Agency Cooperative Agreement - Preliminary Assessment/Site Inspection	\$382,500	\$0	\$0	2.65	0.00	0.00
43	<a href="#">2385</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Marine Development Program	\$510,000	\$170,000	\$0	2.26	1.32	0.00
44	<a href="#">2386</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Freshwater Development Program	\$495,000	\$165,000	\$0	2.33	1.48	0.00
45	<a href="#">2406</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Recreational Boating Safety Financial Assistance	\$857,227	\$857,227	\$0	4.10	14.55	0.00
46	<a href="#">2408</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Water	Underground Injection Control	\$48,000	\$40,758	\$0	0.82	0.35	0.00
47	<a href="#">2409</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Parks and Recreation	Humanities Collections and Reference Resources	\$34,700	\$18,452	\$0	0.00	0.15	0.00
48	<a href="#">2410</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Bat Research, Monitoring and Conservation	\$43,940	\$23,660	\$0	0.19	0.12	0.00
49	<a href="#">2412</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Watershed Stewardship	Water Pollution Control	\$1,253,730	\$258,230	\$0	5.30	0.00	0.00
50	<a href="#">2414</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Sport Fish Coordination in Delaware	\$44,000	\$14,667	\$0	0.46	0.10	0.00
51	<a href="#">2416</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	Wildlife Management Coordination	\$60,500	\$20,167	\$0	0.66	0.16	0.00
52	<a href="#">2417</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	State Wildlife Grant Coordination in Delaware	\$11,000	\$5,923	\$0	0.12	0.05	0.00
53	<a href="#">2418</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Division of Water	Delaware Groundwater Protection Program	\$316,320	\$0	\$0	3.00	0.00	0.00
54	<a href="#">2419</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Watershed Stewardship	Water Quality Management Planning	\$100,000	\$0	\$0	1.00	0.00	0.00
55	<a href="#">2421</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Watershed Stewardship	Nonpoint Source Implementation Grant - Section 319	\$1,144,706	\$512,751	\$250,387	4.00	1.94	0.00
56	<a href="#">2469</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Watershed Stewardship	Local Cooperation Agreement - Delaware Coast Protection Project	\$142,722	\$207,474	\$0	0.10	0.15	0.00
57	<a href="#">2400</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (b) - Occupant Protection	\$350,000	\$87,500	\$0	0.00	0.00	0.00
58	<a href="#">2427</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (f) - Motorcycle Safety Grant	\$35,000	\$8,750	\$0	0.00	0.00	0.00
59	<a href="#">2428</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (d) - Impaired Driving Countermeasures	\$1,100,000	\$275,000	\$0	0.00	0.00	0.00
60	<a href="#">2429</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Section 405 (c) - Traffic Safety Information System Improvements Grant	\$300,000	\$75,000	\$0	0.00	0.00	0.00

# Delaware State Clearinghouse Committee Agenda

**September 29, 2015**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
61	<a href="#">2430</a>	Department of Safety and Homeland Security, Office of the Secretary, Highway Safety	Highway Safety Programming	\$1,740,000	\$531,750	\$0	4.00	2.00	0.00
62	<a href="#">2431</a>	Department of Safety and Homeland Security, Office of the Secretary, Division of Forensic Science	DNA Backlog Reduction Program	\$256,403	\$0	\$0	0.00	0.00	0.00
63	<a href="#">2447</a>	Department of Safety and Homeland Security, Office of the Secretary, Developmental Disabilities Council	Developmental Disabilities Council	\$472,622	\$20,000	\$80,000	4.00	0.00	0.00
64	<a href="#">2358</a>	Department of Labor, Vocational Rehabilitation, Disability Determination Services	Disability Determination Service	\$8,062,750	\$0	\$0	49.00	0.00	0.00
65	<a href="#">2433</a>	Department of Labor, Industrial Affairs	Occupational Safety and Health Consultation	\$447,700	\$49,744	\$0	5.50	0.50	0.00
66	<a href="#">2434</a>	Department of Labor, Division of Industrial Affairs	Occupational Safety and Health Statistics	\$71,000	\$71,000	\$0	1.00	1.00	0.00
67	<a href="#">2439</a>	Department of Labor, Division of Industrial Affairs	Equal Employment Opportunity Commission	\$314,000	\$0	\$0	3.00	0.00	0.00
68	<a href="#">2463</a>	Department of Labor, Employment Training, Employment and Training Services	Work Opportunity Tax Credit	\$66,000	\$0	\$0	1.00	0.00	0.00
69	<a href="#">2464</a>	Department of Labor, Employment Training, Employment and Training Services	Disabled Veterans' Outreach Program	\$504,582	\$0	\$0	6.00	0.00	0.00
70	<a href="#">2465</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
71	<a href="#">2334</a>	Department of Agriculture, Forest Service	Chesapeake Bay Watershed Project	\$30,000	\$30,750	\$0	0.06	0.17	0.00
72	<a href="#">2335</a>	Department of Agriculture, Forest Service	Forest Health Management and Monitoring	\$73,000	\$74,000	\$0	0.60	0.80	0.00
73	<a href="#">2337</a>	Department of Agriculture, Forest Service	Urban and Community Forestry	\$200,000	\$147,500	\$53,000	1.55	1.66	0.00
74	<a href="#">2338</a>	Department of Agriculture, Forest Service	State Fire Assistance	\$108,677	\$108,677	\$0	0.85	0.79	0.00
75	<a href="#">2471</a>	Department of Agriculture, Administration	Specialty Crop Block Grant Program - Farm Bill	\$326,073	\$0	\$0	0.00	0.00	0.00
76	<a href="#">2015-07-30-01</a>	Department of Education	State Approving Agency	\$70,000	\$0	\$0	0.33	0.00	0.00
77	<a href="#">2472</a>	Department of Education	Charter School Program	\$7,020,000	\$0	\$0	0.30	0.00	0.00

## Higher Education

1	2015-09-05-01	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	\$1,125,874	\$0	\$0			
2	2015-09-05-02	HE/University of Delaware	Validation and Impacts of Smarter Balanced Assessments on Postsecondary Readiness, Access, Progress, and Persistence	\$2,158,767	\$0	\$0			



# Delaware State Clearinghouse Committee Agenda

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
3	2015-09-05-03	HE/University of Delaware	Collaborative Research: The role of Behavior, Biochemistry, and Visual Physiology in Complex Bioluminescent Communication	\$180,984	\$0	\$0			
4	2015-09-05-04	HE/University of Delaware	Understanding the Impact of Chemical Cues in Marine Connectivity and Biodiversity	\$600,512	\$0	\$0			
5	2015-09-05-05	HE/University of Delaware	Collaborative Research: Observations and Modeling of Alongshore Swash-zone Flows	\$178,256	\$0	\$0			
6	2015-09-05-06	HE/University of Delaware	Tunable, Self-Assembling Peptide Hydrogels for Selective Transport and Delivery	\$0	\$0	\$110,000			
7	2015-09-05-07	HE/University of Delaware	Unexploded Ordinance Survey Methodology Investigation for Clearing Renewable Energy Sites on the Atlantic Outer Continental Shelf	\$0	\$0	\$75,733			
8	2015-09-05-08	HE/University of Delaware	Unexploded Ordinance Survey Methodology Investigation for Clearing Renewable Energy Sites on the Atlantic Outer Continental Shelf	\$0	\$0	\$133,859			
9	2015-09-05-09	HE/University of Delaware	Collaborative Research: Elucidating a Metabolic Strategy for Energy Conservation via Iron-Oxidation in Bacteria	\$323,652	\$0	\$0			
10	2015-09-05-10	HE/University of Delaware	Collaborative Research: A Study of the Columbia River Mouth Internal Hydraulic Jump and its Impact on Mixing	\$78,061	\$0	\$0			
11	2015-09-05-11	HE/University of Delaware	Movement Pattern Training After Total Knee Arthroplasty	\$0	\$0	\$89,773			
12	2015-09-05-12	HE/University of Delaware	Role of Plasmodesmata in Auxin Signaling: Lateral Root Emergence as a Model	\$533,134	\$0	\$0			
13	2015-09-05-13	HE/University of Delaware	Theoretical and Numerical Approaches to Improving Wave Forecasting in the Presence of Sea Ice	\$125,982	\$0	\$0			
14	2015-09-05-14	HE/University of Delaware	Transition Program for Students with Intellectual Disabilities into Higher Education (TPSID) 2015-2020	\$2,293,867	\$0	\$0			
15	2015-09-05-15	HE/University of Delaware	Enabling the CIGS Thin Film PV Technology to Meet the DOE Goal of \$0.50/W Module Price	\$39,215	\$0	\$0			
16	2015-09-05-16	HE/University of Delaware	Solid-State NMR Structural Studies of Retroviral Capsid Assemblies and Interactions with TRIM5a	\$0	\$0	\$248,881			
17	2015-09-05-17	HE/University of Delaware	Research into Biological Control of Invasive Brown Marmorated Stink Bug at the USDA ARS Beneficial Insects Introduction Research Unit	\$74,125	\$0	\$0			
18	2015-09-05-18	HE/University of Delaware	Pyrite, Metal Sulfide and Aluminosilicate Nanoparticles as Kinetically Stable Sources of Iron and Other Metals to the Ocean	\$321,660	\$0	\$0			
19	2015-09-05-19	HE/University of Delaware	Reinforcement Learning in the Human Brain: Dimensions, Features, and Contexts	\$320,052	\$0	\$0			
20	2015-09-05-20	HE/University of Delaware	21st Century Traveling Troubadour: Using Technology to Connect People With Their Roots...Music	\$19,000	\$0	\$0			
21	2015-09-05-21	HE/University of Delaware	Collaborative Research: pH Dynamics and Interactive Effects of Multiple Processes in a River-Dominated Eutrophic Coastal Ocean	\$490,154	\$0	\$0			
22	2015-09-05-22	HE/University of Delaware	Collaborative Research: Transformations of Soluble Mn(III) Along Horizontal and Vertical Oxygen Gradients	\$278,419	\$0	\$0			
23	2015-09-05-23	HE/University of Delaware	Non-Equilibrium Upper Ocean Turbulence	\$221,423	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

**September 29, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
24	2015-09-05-24	HE/University of Delaware	Workshop: Ultrahigh Field NMR and MRI: Science at a Crossroads	\$43,558	\$0	\$0			
25	2015-09-05-25	HE/University of Delaware	Collaborative Research: Factors Supporting Experimentation at Highly Innovative Pottery Production Sites	\$102,846	\$0	\$0			
26	2015-09-05-26	HE/University of Delaware	Self-Sensing, Nano-Reinforced, Carbon Composite Structures	\$0	\$0	\$53,445			
27	2015-09-05-27	HE/University of Delaware	Assist WILMAPCO with Regional Demographic Projections	\$0	\$0	\$24,553			
28	2015-09-05-28	HE/University of Delaware	DASL Will Conduct a Review of Literature to Identify Key Considerations Principals Could Use as a Starting Point for Launching a Teacher Leadership Initiative	\$0	\$0	\$2,098			
29	2015-09-05-29	HE/University of Delaware	Christiana Care Research Agreement, Amendment # 33	\$0	\$0	\$27,248			
30	2015-09-05-30	HE/University of Delaware	BOEM Mid-Atlantic Cooperative ASAP Core Analysis and Characterization	\$191,542	\$0	\$0			
31	2015-09-05-31	HE/University of Delaware	The Chemical Ecology of Larval and Juvenile Coral Reef Fish: Implications of Degrading Reefs and the Role of Marine Reserves (Moorea Island, French Polynesia)	\$0	\$0	\$4,987			
32	2015-09-05-32	HE/University of Delaware	Development of the Strategic Technology-Enhanced Procedural Supports (STEPS) for Writing Curriculum	\$375,038	\$0	\$0			
33	2015-09-05-33	HE/University of Delaware	Delmarva Choptank River Watershed Water-Column Habitat Pilot	\$0	\$0	\$39,370			
34	2015-09-05-34	HE/University of Delaware	Farm Succession Planning for Young and Beginning Farmers in Delaware	\$55,794	\$0	\$0			
35	2015-09-05-35	HE/University of Delaware	NSF/AN Ecological Model of Decision-Making and Innovation for Seismic Mitigation in School Systems	\$170,951	\$0	\$0			
36	2015-09-05-36	HE/University of Delaware	IRES: Collaborative: Implementing Programming Solutions on Large Scale Supercomputers	\$105,999	\$0	\$0			
37	2015-09-05-37	HE/University of Delaware	Integrating Parenting and Financial Counseling	\$0	\$0	\$59,091			
38	2015-09-05-38	HE/University of Delaware	Microbial Community Structure and Function of Hydrocarbon Reservoirs and Associated Seeps through Metagenomics	\$0	\$0	\$115,385			
39	2015-09-05-39	HE/University of Delaware	TJU/PVA Arm Richards 16	\$0	\$0	\$11,284			
40	2015-09-05-40	HE/University of Delaware	NIH Temple Admin Supplement Caplan	\$97,450	\$0	\$0			
41	2015-09-05-41	HE/University of Delaware	MARACOOS: Preparing for a Changing Mid-Atlantic	\$0	\$0	\$3,464,565			
42	2015-09-05-42	HE/University of Delaware	The Development of Fluoride Treatment for the Treatment of Wastewater From the Desulfurization Operation	\$0	\$0	\$87,187			
43	2015-09-05-43	HE/University of Delaware	Chemical Crypsis in Coral Reef Fishes: Mechanisms, Functional Roles, and the Effects of Habitat Degradation	\$0	\$0	\$6,282			
44	2015-09-05-44	HE/University of Delaware	Osteoporosis and Sarcopenia in People with Spinal Cord Injury	\$0	\$0	\$27,700			

# Delaware State Clearinghouse Committee Agenda

**September 29, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
45	2015-09-05-45	HE/University of Delaware	MARACOOS : Preparing for a Changing Mid-Atlantic	\$0	\$0	\$719,843			
46	2015-09-05-46	HE/University of Delaware	Renewable Resources SLD FY16	\$46,280	\$0	\$0			
47	2015-09-05-47	HE/University of Delaware	Smith Lever FY16	\$1,342,032	\$0	\$0			
48	2015-09-05-48	HE/University of Delaware	EFNEP SLD FY16	\$309,106	\$0	\$0			
49	2015-09-05-49	HE/University of Delaware	Ruderman Family Foundation Jewish Leadership Institute	\$0	\$0	\$174,499			
50	2015-09-05-50	HE/University of Delaware	MARACOOS : Preparing for a Changing Mid-Atlantic	\$0	\$0	\$450,850			
51	2015-09-05-51	HE/University of Delaware	REU Site: Chemical Sciences Leadership Initiative (CSLI) - Summer REU Program for Students with Disabilities	\$320,483	\$0	\$0			
52	2015-09-05-52	HE/University of Delaware	Stochastic Modeling and Inference of Gene Networks	\$8,100	\$0	\$0			
53	2015-09-05-53	HE/University of Delaware	Collaboration Between Lawrence Livermore National Laboratory (LLNL) and Booksh Research Group in the Department of Chemistry and Biochemistry at the University of Delaware	\$0	\$0	\$70,411			
54	2015-09-05-54	HE/University of Delaware	PADE Neighborhood House 15/16 Partner Organization	\$0	\$0	\$27,600			
55	2015-09-05-55	HE/University of Delaware	PADE DE Art Museum 15/16 Partner Organization	\$0	\$0	\$15,800			
56	2015-09-05-56	HE/University of Delaware	PADE Delaware Community Reinvestment Action Council 15/16 Partner Organization	\$0	\$0	\$13,800			
57	2015-09-05-57	HE/University of Delaware	Immune and Metabolic Kinome Analysis of Animal Samples to Study Feed Formulation, Disease and Food Safety	\$50,000	\$0	\$0			
58	2015-09-05-58	HE/University of Delaware	Grow, Lead, Succeed: Accelerating Academic and Career Success for Underrepresented Students in Agriculture and Natural Resources	\$200,000	\$0	\$0			
59	2015-09-05-59	HE/University of Delaware	PADE Wilmington Montessori School15/16 Partner Organization	\$0	\$0	\$15,800			
60	2015-09-05-60	HE/University of Delaware	Collaborative Research: Erosion and Local Scour Around Infrastructure During Extreme Coastal Windstorms and Tsunamis	\$199,823	\$0	\$0			
61	2015-09-05-61	HE/University of Delaware	Weyl Fermion Devices for Chipscale Communications	\$456,905	\$0	\$0			
62	2015-09-05-62	HE/University of Delaware	Yonkers Coaching FY16	\$0	\$0	\$30,199			
63	2015-09-05-63	HE/University of Delaware	University of Copenhagen Partnership Agreement - Dr. Duque Calvache	\$0	\$0	\$12,794			
64	2015-09-05-64	HE/University of Delaware	Association of University Centers on Disabilities, Medicaid Project	\$0	\$0	\$25,862			
65	2015-09-05-65	HE/University of Delaware	EAGER: Risk Objects in Public Health Crisis: An Exploratory Investigation of Stigma, Role-Triage, and Cautionary Measures	\$61,179	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

**September 29, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
66	2015-09-05-66	HE/University of Delaware	INSPIRE HCC: Integrated Nursing Care Support for Older Home Care Patients with Depression and Disability	\$0	\$0	\$24,910			
67	2015-09-05-67	HE/University of Delaware	McIntire Stennis FFY2016 Appropriation	\$102,305	\$0	\$0			
68	2015-09-05-68	HE/University of Delaware	Steven M Greenblatt/DDA Georgetown Persimmon Project	\$0	\$0	\$3,600			
69	2015-09-05-69	HE/University of Delaware	Biometrics in South Asia: State Security and Economic Development	\$0	\$0	\$36,198			
70	2015-09-05-70	HE/University of Delaware	Collaborative Resource for LINC'S Panomics PTM Knowledge Network Discovery	\$0	\$0	\$166,668			
71	2015-09-05-71	HE/University of Delaware	PADE Easter Seals 15/16 Partner Organization	\$0	\$0	\$15,800			
72	2015-09-05-72	HE/University of Delaware	Lower Extremity Injury Risk Following Anterior Cruciate Ligament Reconstruction and Return to Major League Soccer	\$0	\$0	\$5,000			
73	2015-09-05-73	HE/University of Delaware	Integrated Engineering and Real-Time Control of Polymer Nanocomposite Generation: Producing Well-Defined and Hierarchical Nanomaterials Through Continuous Processing	\$432,539	\$0	\$0			
74	2015-09-05-74	HE/University of Delaware	New Castle County Vocational Technical School District Delaware Teachers Institute Seminar 2015-2016	\$0	\$0	\$8,750			
75	2015-09-05-75	HE/Delaware State University	<del>Strengthening Partnerships to Reduce Gender-Based Violence on Delaware's Campuses</del>	<del>\$279,687</del>	<del>\$0</del>	<del>\$0</del>			
76	2015-09-05-76	HE/Delaware State University	From Historical to Multicultural: Transformation of HBCUs	\$245,363	\$0	\$0			
77	2015-09-05-77	HE/Delaware State University	An Integrated Approach to Recruit, Train, and Produce a Diverse Pool of Food Science Graduates	\$198,000	\$0	\$0			
78	2015-09-05-78	HE/Delaware State University	Renewable Resources Extension Act Program at DSU	\$13,500	\$0	\$0			
79	2015-09-05-79	HE/Delaware State University	DSU-EFNEP (Expanded Food and Nutrition Education Program)	\$103,161	\$0	\$0			
80	2015-09-05-80	HE/Delaware State University	IRES: US-Mexico Collaborative Program on Photo thermal and Photacoustic Phenomena	\$249,984	\$0	\$0			
81	2015-09-05-81	HE/Delaware State University	<del>CAREER: Understanding the Interactions between Nanoparticles and Lipid Membranes - An Integrated Approach to Foster STEM Workforce</del>	<del>\$832,411</del>	<del>\$0</del>	<del>\$0</del>			
82	2015-09-05-82	HE/Delaware State University	Evans Allen FY16	\$2,432,324	\$0	\$0			
83	2015-09-05-83	HE/Delaware State University	Cooperative Extension Program Fy16	\$2,302,314	\$0	\$0			
84	2015-09-05-84	HE/Delaware State University	SAFRA- Student Aide and Fiscal Responsibility Act	\$864,904	\$0	\$0			
85	2015-09-05-85	HE/Delaware Technical and Community College	Upward Bound	\$337,043	\$0	\$0			
86	2015-09-05-86	HE/Delaware Technical and Community College	STEM UP Delaware!	\$484,400	\$0	\$0			

**Delaware State Clearinghouse Committee  
Revised Agenda**

**October 27, 2015**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>New Business</b>									
1	<a href="#">2484</a>	Executive, Criminal Justice, Criminal Justice Council	National Sexual Assault Kit Initiative	\$1,168,662	\$0	\$0	0.70	0.00	0.00
2	<a href="#">2496</a>	Department of Health and Social Services, Public Health, Community Health	Utilization of Immunization Information Systems for Assessment, Feedback, Incentives and eXchange Assessments	\$450,000	\$0	\$0	0.10	0.00	0.00
3	<a href="#">2482</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Cape Henlopen Fishing Pier Decking	\$351,050	\$950,000	\$0	0.00	0.00	0.00
<b>Continued</b>									
4	<a href="#">2040 Amendment</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
5	<a href="#">2485</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
6	<a href="#">2495</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
7	<a href="#">2503</a>	Department of Health and Social Services, Public Health, Community Health	Lead-Based Paint Program - Certification	\$268,419	\$0	\$0	1.00	0.00	0.00
8	<a href="#">2504</a>	Department of Health and Social Services, Public Health, Community Health	Lead-Based Paint Program - Enforcement	\$37,259	\$0	\$0	0.00	0.00	0.00
9	<a href="#">2505</a>	Department of Health and Social Services, Public Health, Community Health	HIV Prevention	\$976,783	\$0	\$0	3.35	0.00	0.00
10	<a href="#">2506</a>	Department of Health and Social Services, Public Health, Community Health	Improving Sexually Transmitted Disease Programs through Assessment, Assurance, Policy Development and Prevention Strategies	\$365,353	\$1,343,844	\$0	3.00	15.60	0.00
11	<a href="#">2507</a>	Department of Health and Social Services, Public Health, Community Health	Tuberculosis Elimination Program	\$190,728	\$0	\$0	2.05	0.00	0.00
12	<a href="#">2508</a>	Department of Health and Social Services, Public Health, Community Health	Clinical Laboratory Improvement Amendments	\$41,296	\$0	\$0	0.60	0.00	0.00
13	<a href="#">1961 Amendment</a>	Department of Health and Social Services, Public Health, Community Health	Lead-Based Paint Hazard Control	\$2,130,245	\$304,193	\$0	0.50	1.35	0.00
14	<a href="#">2451</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Tidal Freshwater Fisheries Management	\$25,898	\$8,633	\$0	0.25	0.02	0.00
15	<a href="#">2468</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
16	<a href="#">2470</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Aquatic Vegetation Program	\$162,585	\$54,195	\$0	0.98	0.02	0.00
17	<a href="#">2481</a>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Freshwater Trout Program	\$122,376	\$40,792	\$0	0.44	0.00	0.00
18	<a href="#">2491</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Homeland Security Grant Program	\$3,734,500	\$0	\$0	3.50	0.00	0.00
19	<a href="#">2510</a>	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Hazardous Materials Emergency Preparedness Training and Planning	\$111,355	\$28,141	\$0	0.00	0.80	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  
Revised Agenda**

**October 27, 2015**

Item	SAI#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
20	<a href="#">2492</a>	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey	\$107,362	\$4,587	\$0	1.00	0.07	0.00
21	<a href="#">2509</a>	Fire Prevention Commission, State Fire School	National Fire Academy Training	\$20,060	\$0	\$0	0.00	0.00	0.00
<b>Higher Education</b>									
1	2015-10-03-01	HE/University of Delaware	Heating and Acceleration of the Solar Corona and Solar Wind: Effects of Turbulence Transport, Eddy Viscosity, and Turbulent Resistivity	\$237,902	\$0	\$0			
2	2015-10-03-02	HE/University of Delaware	High Throughput Electrospinning of Biodegradable Polymer Nanofibers of Poly(hydroxybutyrate-co-hydroxyhexanoate) (PHBHx) Using an AFM Tip Array for Filtration Applications	\$442,770	\$0	\$0			
3	2015-10-03-03	HE/University of Delaware	3D Organotypic Culture Models for High-Throughput Screening and Quantitative Tissue-Scale Biology	\$1,249,994	\$0	\$0			
4	2015-10-03-04	HE/University of Delaware	Maximizing the Delivery and Efficacy of miRNA Therapeutics Through Nano carrier Design	\$1,250,005	\$0	\$0			
5	2015-10-03-05	HE/University of Delaware	Randomized Control Trial for the Florida Organic Growers	\$0	\$0	\$8,953			
6	2015-10-03-06	HE/University of Delaware	University of Copenhagen Partnership Agreement - Dr. Duque Calvache	\$0	\$0	\$12,794			
7	2015-10-03-07	HE/University of Delaware	Improved Physics-Based Turbulence Driven Model of Coronal Heating and Solar Wind Acceleration in Open Field Regions	\$277,105	\$0	\$0			
8	2015-10-03-08	HE/University of Delaware	Great American Songbook Supplement 3	\$0	\$0	\$18,567			
9	2015-10-03-09	HE/University of Delaware	Collaborative Proposal: DNA Guided Assembly of Enzyme Cascades for Bio catalytic Fuel Cell Applications	\$39,966	\$0	\$0			
10	2015-10-03-10	HE/University of Delaware	4-H Military Partnerships 2016 Grant	\$0	\$0	\$21,200			
11	2015-10-03-11	HE/University of Delaware	The Impact of Delaware's Regulations on Nutrition and Physical Activity in Childcare Centers	\$1,034,236	\$0	\$0			
12	2015-10-03-12	HE/University of Delaware	Investigation of Energy Cascade, Anisotropy and Intermittency at Ion Kinetic Scales in the Solar Wind	\$229,858	\$0	\$0			
13	2015-10-03-13	HE/University of Delaware	SMU Ruppel Ship Time September 2015	\$0	\$0	\$227,025			



**Delaware State Clearinghouse Committee  
Revised Agenda**

**October 27, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
14	2015-10-03-14	HE/University of Delaware	New Directions in the Qualitative Approach to Inverse Scattering Theory	\$0	\$0	\$39,776			
15	2015-10-03-15	HE/University of Delaware	Improved Understanding of Vertical Mixing in the Lower Atmospheric Boundary Layer in the Presence of Wind Turbines Via Numerical Simulations and Measurements	\$239,245	\$0	\$0			
16	2015-10-03-16	HE/University of Delaware	Redox Signaling in Fungal-Plant Interactions: Unique and Overlapping Roles of Reactive Oxygen Species in Rice Blast and Southern Corn Leaf Blight	\$0	\$0	\$149,860			
17	2015-10-03-17	HE/University of Delaware	Polymerizations with Elemental Sulfur via Nucleophilic Activation with Amines and Amine Containing Comonomers	\$0	\$0	\$48,976			
18	2015-10-03-18	HE/University of Delaware	Proposal for Special Initiative on Offshore Wind	\$0	\$0	\$59,055			
19	2015-10-03-19	HE/University of Delaware	A Combined Computational and Experimental Study of Nanocubane Oxygen Evolution Catalysts	\$240,280	\$0	\$0			
20	2015-10-03-20	HE/University of Delaware	Spin Plasmonics	\$277,790	\$0	\$0			
21	2015-10-03-21	HE/University of Delaware	Mechanical and Genetic Regulation of Multiscale Smooth Muscle Contractions that Drive Airway Morphogenesis	\$213,408	\$0	\$0			
22	2015-10-03-22	HE/University of Delaware	CSBR: Natural History: Development of Standardized Operating Procedures and Digitization of a National Pollinator Pollen Reference Collection	\$380,767	\$0	\$0			
23	2015-10-03-23	HE/University of Delaware	HHS UCEDD ACL AIDD 15-16 Delaware UCEDD: Deepening the Impact of the Disabilities Studies Minor	\$31,414	\$0	\$0			
24	2015-10-03-24	HE/University of Delaware	Evaluating State-of-the-Art Methods and Modeling Techniques for Rubble Mound Structures	\$106,383	\$0	\$0			
25	2015-10-03-25	HE/University of Delaware	Provide Training for 14 International Veterinarians for the 2016 Emergency Management of Poultry Disease Outbreaks (EPDR) Certificate Training Program	\$154,925	\$0	\$0			
26	2015-10-03-26	HE/University of Delaware	Gelb 2015 Exp 6 Evaluation of an AI Vaccine Program Using Non-Replicating Vaccines	\$116,238	\$0	\$0			
27	2015-10-03-27	HE/University of Delaware	To provide Emergency Response, Depopulation and Disposal training for USDA Veterinary Services	\$72,175	\$0	\$0			
28	2015-10-03-28	HE/University of Delaware	Service and Maintenance of the Grey's Reef Ocean Acidification Mooring: In Support of NOAA Ocean Acidification Program FY15-17	\$0	\$0	\$149,995			

**Delaware State Clearinghouse Committee  
Revised Agenda**

**October 27, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
29	2015-10-03-29	HE/University of Delaware	Cellular Regulation of TRPV4 Channel Gating	\$440,459	\$0	\$0			
30	2015-10-03-30	HE/University of Delaware	Void Removal from Dual Scale Fibrous Reinforcement during Composite Processing	\$228,344	\$0	\$0			
31	2015-10-03-31	HE/University of Delaware	Collaborative Research: Long timescale Constitutive Response of Hydrogels	\$342,077	\$0	\$0			
32	2015-10-03-32	HE/University of Delaware	Collaborative Research: Displacement-based Friction Measurement	\$49,767	\$0	\$0			
33	2015-10-03-33	HE/University of Delaware	4H NMP 6 National Mentoring Program	\$0	\$0	\$229,986			
34	2015-10-03-34	HE/University of Delaware	Evaluation of Commercial Wheat and Barley Cultivars for FHB Reaction in DE/MD	\$0	\$0	\$14,075			
35	2015-10-03-35	HE/University of Delaware	Integrated Management of FHB and DON in Soft Red Winter Wheat in Delaware 2016/17	\$0	\$0	\$26,417			
36	2015-10-03-36	HE/University of Delaware	Advanced Hybrid Micro/Nanocomposites for Structural and Multifunctional Applications	\$0	\$0	\$89,932			
37	2015-10-03-37	HE/University of Delaware	Carbonyls to Cancer Therapeutics	\$271,573	\$0	\$0			
38	2015-10-03-38	HE/University of Delaware	Delmar School District Professional Development 2015-2016 Delmar High School Delmar Middle School	\$0	\$0	\$13,803			
39	2015-10-03-39	HE/University of Delaware	DOA Effective Military Configuration and Command: Dual Status Commanders for Multi-State Disasters	\$19,230	\$0	\$0			
40	2015-10-03-40	HE/University of Delaware	The Colored Conventions Project	\$52,447	\$0	\$0			
41	2015-10-03-41	HE/University of Delaware	Ordered Mesoporous Transition Metal Sulfides and their Applications	\$244,012	\$0	\$0			
42	2015-10-03-42	HE/University of Delaware	Spin Plasmonics	\$142,185	\$0	\$0			
43	2015-10-03-43	HE/University of Delaware	NSF:SHF:Medium: Collaborative Research: Differential Verification of Concurrent Programs	\$400,426	\$0	\$0			

**Delaware State Clearinghouse Committee  
Revised Agenda**

**October 27, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
44	2015-10-03-44	HE/University of Delaware	Will Perform a Quantitative Data Consultation for Family Center Data	\$0	\$0	\$18,731			
45	2015-10-03-45	HE/University of Delaware	AviPort: The Portal for Avian Biology	\$0	\$0	\$630,825			
46	2015-10-03-46	HE/University of Delaware	LEVEL II HABS/HAER/HALS Documentation of the E4400 Block at Aberdeen Proving Ground	\$26,950	\$0	\$0			
47	2015-10-03-47	HE/University of Delaware	Delaware Community Foundation grant	\$0	\$0	\$81,663			
48	2015-10-03-48	HE/University of Delaware	PCM HAB: The Dinoflagellate-Specific Algaecide IRI-160AA: Isolation, Characterization and Potential Impacts on Ecologically Relevant Metazoan Species	\$474,638	\$0	\$0			
49	2015-10-03-49	HE/University of Delaware	Metal-free Functionalization of Aromatic Rings - Remarkably Mild Carbon and Carbon-Carbon Bond Formation and Dehydrogenative Cross-Coupling Reactions	\$0	\$0	\$83,127			
50	2015-10-03-50	HE/University of Delaware	CCF:SHF:MEDIUM: Collaborative Research: MAPPER: Massive Asynchronous Parallel Processing Environment with Resiliency	\$478,212	\$0	\$0			
51	2015-10-03-51	HE/University of Delaware	PADE Christiana Care 15/16 Partner Organization	\$0	\$0	\$15,800			
52	2015-10-03-52	HE/University of Delaware	PADE Forum to Advance Minorities in Engineering DE 15/16 Partner Organization	\$0	\$0	\$13,800			
53	2015-10-03-53	HE/University of Delaware	Biophysical Patterning of Epithelial Tissues	\$0	\$0	\$300,000			
54	2015-10-03-54	HE/University of Delaware	Mechanistic Interrogation of the Interfacial Dynamics of Bismuth-Based Electrocatalysts for Reduction of CO <sub>2</sub>	\$73,718	\$0	\$0			
55	2015-10-03-55	HE/University of Delaware	Brown Marmoset Stink Bug (BMBS) Classical Biological Control	\$70,787	\$0	\$0			
56	2015-10-03-56	HE/University of Delaware	Prediction of Portal Pressure With Multiparametric MRI in Patients with Chronic Liver Disease	\$0	\$0	\$56,142			
57	2015-10-03-57	HE/University of Delaware	Functional Adaptation of the Maternal Skeleton to Reproduction and Lactation	\$0	\$0	\$29,280			
58	2015-10-03-58	HE/University of Delaware	ABI Development: Extending PathBubbles, a Novel Approach to Network Visualization and Analysis	\$427,509	\$0	\$0			

**Delaware State Clearinghouse Committee  
Revised Agenda**

**October 27, 2015**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
59	2015-10-03-59	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	\$56,738			
60	2015-10-03-60	HE/University of Delaware	Early Head Start University Partnership Grants: Buffering Children From Toxic Stress	\$316,456	\$0	\$0			
61	2015-10-03-61	HE/University of Delaware	How the Subpolar Gyre Affects the Atlantic Meridional Overturning Circulation Variability During the Global Warming Acceleration and Temporary Slow-Down Periods	\$308,209	\$0	\$0			
62	2015-10-03-62	HE/University of Delaware	Ranking Shade Coffee Trees for Bird Conservation Value	\$0	\$0	\$3,904			
63	2015-10-03-63	HE/University of Delaware	An Augmented Reality System to Guide Robotic Assisted Laparoscopic Radical Prostatectomy	\$496,008	\$0	\$0			
64	2015-10-03-64	HE/University of Delaware	Acquisition of Computer Cluster for First-Principles Predictions of Structure and Properties of Cocrystals	\$285,000	\$0	\$0			
65	2015-10-03-65	HE/University of Delaware	Innovation to Enhance Produce Safety and Quality During Their Forced Air Cooling Process	\$70,922	\$0	\$0			
66	2015-10-03-66	HE/University of Delaware	A Partnership Between Towson University and University of Maryland School of Medicine	\$0	\$0	\$14,995			
67	2015-10-03-67	HE/University of Delaware	Microbial Removal of Nitrate Using Scrap Iron	\$0	\$0	\$110,766			
68	2015-10-03-68	HE/University of Delaware	Synchronous Rendezvous for Heterogeneous Robotic Sensor Networks in Geophysical Flows	\$0	\$0	\$199,195			
69	2015-10-03-69	HE/University of Delaware	GUIIDE (Guidance and Information for Improved Decisions in Education)	\$0	\$0	\$184,394			
70	2015-10-03-70	HE/University of Delaware	Oviductal Exosomes: Roles in Sperm Function and the Health of the Offspring	\$1,250,000	\$0	\$0			
71	2015-10-03-71	HE/University of Delaware	Reproductive Aging and Vascular Function	\$1,493,706	\$0	\$0			
72	2015-10-03-72	HE/University of Delaware	Development of Algorithms Combining Molecular Dynamics With Time-Dependent Quantum Statistical Mechanics for Environment-Assisted Electronic Transport Through Biomolecules	\$317,940	\$0	\$0			
73	2015-10-03-73	HE/University of Delaware	Extending Organochromium Chemistry - Stable Alkyl Hydrides and High-Valent Alkylidenes	\$358,760	\$0	\$0			

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<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
74	2015-10-03-74	HE/University of Delaware	Tasting for two: Strategies to Enhance Liking and Intake of Fruits	\$0	\$0	\$422,441			
75	2015-10-03-75	HE/University of Delaware	NIH DE Training Outstanding Postdoctoral Scholars	\$3,902,358	\$0	\$0			
76	2015-10-03-76	HE/University of Delaware	An Integrated Pest Management Approach in Addressing the Multiple Herbicide-Resistant Weed Epidemic in U.S. Field Crop Production (Delaware)	\$43,000	\$0	\$0			
77	2015-10-03-77	HE/University of Delaware	Understanding Mechanisms Involved in Plant-Pathogen Interactions During the Process of Disease Development in Plants	\$30,909	\$0	\$0			
78	2015-10-03-78	HE/University of Delaware	Digitization TCN: Lepidoptera of North America Network: Documenting Radiation in the Largest Clade of Herbivores	\$0	\$0	\$11,024			
79	2015-10-03-79	HE/University of Delaware	ICE-MAN: Identifying Biosignatures in Subterranean Desert Ice Caves on Earth and Other Icy Worlds	\$1,420,095	\$0	\$0			
80	2015-10-03-80	HE/University of Delaware	NSF:CRII:CSR: Energy-Award Cloud Resource Management	\$118,968	\$0	\$0			
81	2015-10-03-81	HE/University of Delaware	Infant Microbiome and Metabolome: A Pilot Study	\$0	\$0	\$15,027			
82	2015-10-03-82	HE/University of Delaware	Hydrogen Oxidation Reaction at Alkaline Polymer Electrochemical Interfaces Achieving mechanistic understanding through surface sensitive spectroscopy	\$198,995	\$0	\$0			
83	2015-10-03-83	HE/University of Delaware	Theoretical Studies of Intermolecular Forces	\$342,876	\$0	\$0			
84	2015-10-03-84	HE/University of Delaware	CRII: RI: Secure Consistent MAV Navigation	\$123,882	\$0	\$0			
85	2015-10-03-85	HE/University of Delaware	Assistive Technology at work and Emergency Prep	\$0	\$0	\$7,500			
86	2015-10-03-86	HE/University of Delaware	Simons A Polynomial-Based Theory for Studying Projective Planes	\$0	\$0	\$43,699			
87	2015-10-03-87	HE/University of Delaware	Structure/Function of Microtubule-Associated Protein Assemblies by MAS NMR	\$2,068,805	\$0	\$0			
88	2015-10-03-88	HE/University of Delaware	Interactive Effects of Dietary Potassium and Sodium on Vascular Function	\$1,479,737	\$0	\$0			

**Delaware State Clearinghouse Committee  
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**October 27, 2015**

<i>Item</i>	<i>SAI#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
89	2015-10-03-89	HE/University of Delaware	Mechanisms of Impaired Motor Learning Post Stroke	\$1,225,000	\$0	\$0			
90	2015-10-03-90	HE/University of Delaware	PADE Delaware Connections 15/16 Partner Organization	\$0	\$0	\$15,800			
91	2015-10-03-91	HE/University of Delaware	NSF-EAGER: Identification of Effector Genes and Host Targets That Lead to Attack or Defense in Bacterial-Fungal Interactions	\$210,439	\$0	\$0			
92	2015-10-03-92	HE/University of Delaware	CRI: CPS: Simulation-Informed Optimization of Actuation Paradigms for Wearable Robotics	\$124,970	\$0	\$0			
93	2015-10-03-93	HE/University of Delaware	Pressure in Lung Development and Congenital Diaphragmatic Hernia	\$1,250,005	\$0	\$0			
94	2015-10-03-94	HE/University of Delaware	Applications of Infrared Semiconductor Metamaterials	\$235,448	\$0	\$0			
95	2015-10-03-95	HE/University of Delaware	Development of an Innovative Mass Vaccine Administration Method at Poultry Hatcheries	\$74,564	\$0	\$0			
96	2015-10-03-96	HE/University of Delaware	PADE Teach for America 15/16 Partner Organization	\$0	\$0	\$10,000			
97	2015-10-03-97	HE/University of Delaware	NIH Cerebellar Function in Speech Motor Control - Benjamin Parrell	\$1,699,726	\$0	\$0			
98	2015-10-03-98	HE/University of Delaware	Appetite Regulation and Food Intake: Novel Mechanisms Linking Loneliness to Weight Gain Among Cancer Survivors	\$1,964,879	\$0	\$0			
99	2015-10-03-99	HE/University of Delaware	National Institute of Health Creating Healthy Neighborhoods and Addressing Firearm Violence: A Social, Collaborative Approach	\$2,216,569	\$0	\$0			
100	2015-10-04-01	HE/University of Delaware	Biofeedback for Individuals With Cognitive and Motor Impairment	\$800,233	\$0	\$0			
101	2015-10-04-02	HE/University of Delaware	Dimensions of Human Reinforcement Learning	\$1,250,000	\$0	\$0			
102	2015-10-04-03	HE/University of Delaware	Rehabilitation Interventions that Optimize Post-Stroke Recovery	\$99,830	\$0	\$0			
103	2015-10-04-04	HE/Delaware State University	Delaware State University Tobacco Campus Outreach Campaign	\$0	\$0	\$11,550			



**Delaware State Clearinghouse Committee  
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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
104	2015-10-04-05	HE/Delaware State University	Enhancing the Retention and Success of Diverse Graduate Students at an HBCU	\$1,084,461	\$0				
105	2015-10-04-06	HE/Delaware State University	Never Say Never	\$0	\$0	\$7,500			
106	2015-10-04-07	HE/Delaware State University	Ecological Assessment and Monitoring of Dover-Camden-Wyoming Urban Forest	\$136,408	\$0	\$0			
107	2015-10-04-08	HE/Delaware State University	Health Fund FY17	\$0	\$0	\$101,500			
108	2015-10-04-09	HE/Delaware State University	Delaware TOPS (Training Outstanding Postdoctoral Scholars)	\$109,759	\$0	\$0			
109	2015-10-04-10	HE/Delaware State University	Overcoming Saturation Limit in Amplification and Compression of a Short Pulse in Plasma	\$426,445	\$0	\$0			
110	2015-10-04-11	HE/Delaware State University	Overcoming Saturation Limit in Amplification and Compression of a Short Pulse in Plasma	\$426,445	\$0	\$0			
111	2015-10-04-12	HE/Delaware State University	Feasibility Study of Brownfield Habitat Restoration Potential by Combining Laser Induced Breakdown Spectroscopy with Mass Spectroscopy	\$0	\$0	\$74,500			
112	2015-10-04-13	HE/Delaware State University	Development of High Resolution Portable Flux Measurement System for Detection of Isotopic Carbon and Nitrogen for Soil Microbiology	\$114,440	\$0	\$0			
113	2015-10-04-14	HE/Delaware State University	Spectroscopic Ellipsometer for Studying Light- Matter Interactions in Nanoscale Plasmonic Chalcogenide Semicon	\$201,960	\$0	\$0			
114	2015-10-04-15	HE/Delaware State University	Mathematical Modeling and Analysis of Spacio- Temporal and Dissipative Optical Solutions in Nonlinear Materials and Photonic Devices Based on Metamaterials	\$20,500	\$0	\$0			
115	2015-10-04-16	HE/Delaware State University	Characterization of Micro-Organisms Isolated from a Closed Hypersaline Lake to Elucidate Fundamental Principles of Microbial Community Design	\$81,005	\$0	\$0			
116	2015-10-04-17	HE/Delaware State University	Program Life: Capital Park Community Smoking Prevention Health & Promotion Program		\$0	\$12,000			
117	2015-10-04-18	HE/Delaware State University	Cyber-Physical System Security in Implantable Insulin Injection System	\$174,995	\$0	\$0			
118	2015-10-04-19	HE/Delaware State University	Collaborative Research: New Mathematical Methods of Description and Simulation of Small Scale Septated Anatomical Structures	\$320,000	\$0	\$0			

**Delaware State Clearinghouse Committee  
Revised Agenda**

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<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
119	2015-10-04-20	HE/Delaware State University	Acquisition of a Photomask Aligner for Design and Fabrication of Uncooled Thermal Detectors for Research & Education Training of Students at DSU	\$214,650	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

**November 24, 2015**

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
<b>Notice of Award</b>									
	<a href="#">2015-09-18-01</a>	Innovative Schools	Implementation Activities for Delaware STEM Academy	\$609,000	\$209,167	\$121,033	0.00	0.00	0.00
	<a href="#">2015-09-18-02</a>	Innovative Schools	Implementation Activities for First State Military Academy	\$608,262	\$712,722	\$145,979	0.00	0.00	0.00
<b>New Business</b>									
1	<a href="#">2524</a>	Department of State, Historical and Cultural Affairs, Office of the Director	Maritime Heritage Grant	\$80,910	\$243	\$0	0.00	0.00	0.00
<b>Continued</b>									
2	<a href="#">2530</a>	Executive, Criminal Justice, Criminal Justice Council	Edward Byrne Memorial Justice Assistance Grant	\$896,805	\$51,160	\$0	0.80	0.82	0.00
3	<a href="#">2072 Amendment</a>	Executive, Criminal Justice, Criminal Justice Council	Prison Rape Elimination Act Reallocation Funds	\$6,806	\$0	\$0	0.00	0.00	0.00
4	<a href="#">1877</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Substance Abuse Prevention and Treatment Block Grant	\$6,838,964	\$15,621,055	\$0	3.20	33.80	0.00
5	<a href="#">2360</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Vocational Rehabilitation - Blind (Basic Support)	\$1,528,277	\$641,118	\$0	16.25	7.39	0.00
6	<a href="#">2366</a>	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Supported Employment Services	\$45,000	\$0	\$0	0.00	0.00	0.00
7	<a href="#">2516</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Projects for Assistance in Transition from Homelessness	\$300,000	\$120,780	\$0	0.00	0.00	0.00
8	<a href="#">2517</a>	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant	\$1,052,300	\$99,198,822	\$0	1.00	0.00	0.00
9	<a href="#">2520</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
10	<a href="#">2521</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
11	<a href="#">2529</a>	Department of Health and Social Services, Medicaid and Medical Assistance	Children's Health Insurance Program	\$35,200,000	\$3,760,000	\$0	0.00	0.00	0.00
12	<a href="#">2531</a>	Department of Health and Social Services, State Service Centers	Foster Grandparent Program	\$521,472	\$792,380	\$0	0.50	5.50	0.00
13	<a href="#">2537</a>	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children Program	\$1,930,048	\$0	\$0	14.25	0.00	0.00
14	<a href="#">2539</a>	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children Program - Prevention and Public Health Funds	\$80,797	\$0	\$0	1.05	0.00	0.00
15	<a href="#">2511</a>	Department of Natural Resources and Environmental Control, Office of the Secretary, Energy and Climate	Clean Cities Coalition Programmatic Support	\$25,000	\$0	\$0	0.00	0.00	0.00
16	<a href="#">2013-10-04-01 Amendment 2</a>	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Air Pollution Control	\$1,209,332	\$880,510	\$0	16.15	8.45	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 Agenda

**November 24, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
17	<a href="#">2527</a>	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Criminal History Improvement Program	\$194,000	\$21,556	\$0	0.00	0.00	0.00
18	<a href="#">2528</a>	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Instant Criminal Background Check System Act - Record Improvement Program	\$74,000	\$0	\$0	0.00	0.00	0.00
19	<a href="#">2526</a>	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	\$530,913	\$0	\$0	8.50	0.00	0.00
20	<a href="#">2514</a>	Department of Education	Migrant Education Program Consortium Incentive	\$133,333	\$0	\$0	0.00	0.00	0.00
<b>Higher Education</b>									
1	2015-11-07-01	HE/University of Delaware	The Interplay Between Spectral and Combinatorial Properties of Graphs and Association Schemes	\$118,416	\$0	\$0			
2	2015-11-07-02	HE/University of Delaware	NSF Alegbraic Methods in Combinatorics and Finte Geometry	\$206,642	\$0	\$0			
3	2015-11-07-03	HE/University of Delaware	A Polynomial-Based Theory for Studying Projective Planes of Prime Power Order	\$269,825	\$0	\$0			
4	2015-11-07-04	HE/University of Delaware	Prevalence and Levels of Pathogens in Raw Manure in Different Geographic Locations	\$0	\$0	\$130,512			
5	2015-11-07-05	HE/University of Delaware	Toward Membrane-Specific Medicine: Exploiting Lipidomic Complexity for GPCR-Based Therapeutics	\$3,466,685	\$0	\$0			
6	2015-11-07-06	HE/University of Delaware	Designing Supported Bimetallic Hydrocarbon Conversion Catalysts Based on Low-Temperature ALD-Like Processes on Oxide Support Materials	\$0	\$0	\$110,000			
7	2015-11-07-07	HE/University of Delaware	Algebraic and Combinatorial Constructions of Dense Graphs With Forbidden Cycle Lengths	\$114,831	\$0	\$0			
8	2015-11-07-08	HE/University of Delaware	PADE United Way of Delaware 15/16 Partner Organization	\$0	\$0	\$15,800			
9	2015-11-07-09	HE/University of Delaware	Targeting EGFR Signaling for Treating Osteoarthritis	\$0	\$0	\$88,007			
10	2015-11-07-10	HE/University of Delaware	Two Questions: What is a Fractional Derivative and Can we Generalize the Limit-Definition of the Derivative?	\$228,782	\$0	\$0			
11	2015-11-07-11	HE/University of Delaware	Trunk Muscle Characteristics and Their Association with Balance, Function, and Participation Among Individuals with Amputations	\$100,000	\$0	\$0			

# Delaware State Clearinghouse Committee Agenda

**November 24, 2015**

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
12	2015-11-07-12	HE/University of Delaware	Irex Mandela Washington Fellowship for Young African Leaders	\$0	\$0	\$116,636			
13	2015-11-07-13	HE/University of Delaware	USDA Hatch Appropriations FY2016	\$1,139,733	\$0	\$0			
14	2015-11-07-14	HE/University of Delaware	USDA Hatch Multistate Appropriations FY2016	\$496,849	\$0	\$0			
15	2015-11-07-15	HE/University of Delaware	Collaborative Research: 3-D In-Situ Stress Mapping in Engineered Tissue Models Using Photonic Micro-Sensor Arrays	\$177,072	\$0	\$0			
16	2015-11-07-16	HE/University of Delaware	Rusk Rehabilitation Traumatic Brain Injury-QQL	\$158,671	\$0	\$0			
17	2015-11-07-17	HE/University of Delaware	A Novel Regenerative Nanoscaffolding System for Treatment of An Adjustable Rat Model of Myocardial Infraction (MI) Using MSCs Differentiated Towards the Cardiac Lineage	\$275,000	\$0	\$0			
18	2015-11-07-18	HE/University of Delaware	McIntire Stennis FFY2016 Appropriation	\$102,305	\$0	\$0			
19	2015-11-07-19	HE/University of Delaware	Collaborative Research: Experimental and Numerical Investigations of Density Stratified Turbulent Mixing	\$155,025	\$0	\$0			
20	2015-11-07-20	HE/University of Delaware	Improving Solar Cell Efficiency with New Photon Upconversion Architectures	\$900,000	\$0	\$0			
21	2015-11-07-21	HE/University of Delaware	Unresolved Post-Concussion Balance Deficits and Subsequent Musculoskeletal Injury	\$352,382	\$0	\$0			
22	2015-11-07-22	HE/University of Delaware	Venture Well E-Team	\$0	\$0	\$5,000			
23	2015-11-07-23	HE/University of Delaware	Predicting Macroscopic Toughness and Strength in Hybrid Nanostructured Materials	\$242,620	\$0	\$0			
24	2015-11-07-24	HE/University of Delaware	Seperable Contacts for In-Situ Tribology Studies	\$0	\$0	\$40,042			
25	2015-11-07-25	HE/University of Delaware	Profiles and Progress in Spanish English Bilinguals With Language Impairment: Development of a Criterion Reference Measure	\$0	\$0	\$440,175			
26	2015-11-07-26	HE/University of Delaware	Cu-Catalyzed Azide Reactions for Novel Dental Composite Materials	\$0	\$0	\$100,425			

# Delaware State Clearinghouse Committee Agenda

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
27	2015-11-07-27	HE/University of Delaware	Cu-Catalyzed Azide Reactions for Novel Dental Composite Materials	\$0	\$0	\$100,425			
28	2015-11-07-28	HE/University of Delaware	Collaborative Research: Live-Dead Screening to Identify Novel GPCR Ligands	\$200,470	\$0	\$0			
29	2015-11-07-29	HE/University of Delaware	Defect Structure in Multiferroic Systems	\$264,070	\$0	\$0			
30	2015-11-07-30	HE/University of Delaware	Multiscale Plenoptic Imaging and Direct Computation of Turbulent Channel Flows Laden With Finite-Size Solid Particles	\$202,702	\$0	\$0			
31	2015-11-07-31	HE/University of Delaware	Mitochondrial Oxidative Stress in Chronic Kidney Disease	\$289,540	\$0	\$0			
32	2015-11-07-32	HE/University of Delaware	Neural Control of Social Communication in Mouse Models of Autism	\$1,500,000	\$0	\$0			
33	2015-11-07-33	HE/University of Delaware	IGF-1 Reduces Post-Traumatic Osteoarthritis (PTOA) Progression Through Inhibition of TRPV4 Channel Activity	\$675,674	\$0	\$0			
34	2015-11-07-34	HE/University of Delaware	Development and Testing of a Novel Phosphorous Nano-Fertilizer	\$0	\$0	\$305,372			
35	2015-11-07-35	HE/University of Delaware	Collaborative Research: Glacier-Ocean Interactions at a Greenland Ice Shelf at Tidal to Interannual Time Scales	\$231,082	\$0	\$0			
36	2015-11-07-36	HE/University of Delaware	Identifying Adaptive Gait Strategies when using Stiffness-Personalized Ankle-Foot Orthoses	\$294,852	\$0	\$0			
37	2015-11-07-37	HE/University of Delaware	Quantifying the Effects of Sleep on Cardiovascular Health Risk Factors: A Population Analysis Using UK Biobank Data	\$164,540	\$0	\$0			
38	2015-11-07-38	HE/University of Delaware	Assessing the effectiveness of using haematophagous leeches to sample biodiversity in Sumatra	\$0	\$0	\$1,953			
39	2015-11-07-39	HE/University of Delaware	Non-Precious Bimetallic Catalysts for Biomass Upgrading	\$222,744	\$0	\$0			
40	2015-11-07-40	HE/University of Delaware	Diffusion of Gases in Nano- and Micro-length Scale Structured Materials Such as Cork	\$199,196	\$0	\$0			
41	2015-11-07-41	HE/University of Delaware	Blueprint Communities Delaware Partnership	\$0	\$0	\$26,086			



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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
42	2015-11-07-42	HE/University of Delaware	Exploring the Temperature Sensitivity of Amino Acid Racemization in Planktic Foraminifera as a Proxy for Paleotemperatures	\$0	\$0	\$110,000			
43	2015-11-07-43	HE/University of Delaware	Experimental and Computational Investigation of the Interplay Between Photodegradation and Reactive Oxygen Production of Polycyclic Aromatic Hydrocarbons	\$0	\$0	\$110,000			
44	2015-11-07-44	HE/University of Delaware	Sunoco Foundation Grant	\$0	\$0	\$210,876			
45	2015-11-07-45	HE/University of Delaware	Coca-Cola Foundation Grant	\$0	\$0	\$210,876			
46	2015-11-07-46	HE/University of Delaware	Validation of Sub Synchronous Control Interaction and Mitigation	\$0	\$0	\$6,638			
47	2015-11-07-47	HE/University of Delaware	Collaborative Research: Permafrost Carbon Cycling Within Arctic Rivers: Accounting for Loss During Transport Due to Microbial Activities	\$159,940	\$0	\$0			
48	2015-11-07-48	HE/University of Delaware	Elucidating Metabolism of Co-Cultures	\$198,995	\$0	\$0			
49	2015-11-07-49	HE/University of Delaware	Evaluation of a Biomechanical Model to Personalize Orthotic Rocker Profiles for Individuals with Limited Ankle Motion	\$217,664	\$0	\$0			
50	2015-11-07-50	HE/University of Delaware	Collaborative Research: Adhesive Carbon Nanotube Meshes as Conductive Binder for Battery Application	\$167,042	\$0	\$0			
51	2015-11-07-51	HE/University of Delaware	Collaborative Research: Non-invasive, Paper-Based Cancer Biomarkers Detection Using Universal Protein Multi-functional Outer Membrane Vesicles Platforms	\$169,507	\$0	\$0			
52	2015-11-07-52	HE/University of Delaware	Molecular Mechanisms of Aniridia Fibrosis Syndrome	\$0	\$0	\$2,500			
53	2015-11-07-53	HE/University of Delaware	Jonas Nurse Leaders Scholars Program 2016 - 2018	\$0	\$0	\$20,000			
54	2015-11-07-54	HE/University of Delaware	Flavoproteins in Oxidative Protein Folding	\$1,250,000	\$0	\$0			
55	2015-11-07-55	HE/University of Delaware	Dissecting Fibrotic Diseases With Dynamic and Controlled Microenvironments	\$1,499,998	\$0	\$0			
56	2015-11-07-56	HE/University of Delaware	Hybrid Fluorinated Materials Characterization	\$0	\$0	\$7,692			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
57	2015-11-07-57	HE/University of Delaware	RWJ Wilmington Engaged in Data Across Sectors for Health	\$0	\$0	\$181,096			
58	2015-11-07-58	HE/University of Delaware	Collaborative Research: Synthesis, Structural Characterization and Electrochemical Studies of Framework Substituted Silicon, Germanium and Tin Clathrates	\$207,548	\$0	\$0			
59	2015-11-07-59	HE/University of Delaware	Collaborative Research: Light-induced On/off Dormancy in Polyplexes for Patterned Transfection of Multiple Factors and Versatile Control of Cell Behavior within Tissue Scaffolds	\$288,114	\$0	\$0			
60	2015-11-07-60	HE/University of Delaware	Large Scale and In-Situ Quantification of Pure Spin Current and Spin Hall	\$222,905	\$0	\$0			
61	2015-11-07-61	HE/University of Delaware	Collaborative Research: SusChEM: Targeting Products From Thermochemical Lignocellulosic Bio-Oil by Early-Stage Integration of Thermodynamics in Life Cycle Inventories	\$68,394	\$0	\$0			
62	2015-11-07-62	HE/University of Delaware	Collaborative Research: Effects of Urbanization on Streamwater Quality and Microbial Communities	\$173,391	\$0	\$0			
63	2015-11-07-63	HE/University of Delaware	IR-4 Project 2015: Miscanthus Mealybug Efficacy	\$0	\$0	\$10,000			
64	2015-11-07-64	HE/University of Delaware	Collagen Turnover-Stimulated Gene Delivery to Enhance Tissue Repair	\$318,981	\$0	\$0			
65	2015-11-07-65	HE/University of Delaware	Fate of Cadmium Under Engineered Physico-Chemical Gradients in the Soil-Water-Rice Nexus	\$200,255	\$0	\$0			
66	2015-11-07-66	HE/University of Delaware	Collaborative Research: Injectable Solid Beta-Hairpin Hydrogels for 3-D in Vitro Mimic of the Outer Cerebellum	\$306,206	\$0	\$0			
67	2015-11-07-67	HE/University of Delaware	Multi-scale Spectral Diagnostics of Loading Forces and Responses along Coastal Areas during Hazardous Weather Events using Sea Ice as a Detector - Potential PREEVENTS Contribution	\$617,427	\$0	\$0			
68	2015-11-07-68	HE/University of Delaware	Subpolar North Atlantic - Arctic Oceanographic Processes During the Global Warming Slowdown Period	\$180,592	\$0	\$0			
69	2015-11-07-69	HE/University of Delaware	Work Directive 004 AAM Pilot Line Implementation	\$1,470,567	\$0	\$0			
70	2015-11-07-70	HE/University of Delaware	Self-healing Composite Membranes for Fuel Cell Applications	\$275,185	\$0	\$0			
71	2015-11-07-71	HE/University of Delaware	The Ultimate Limit of Rescattering in Strong Laser Fields	\$209,011	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
72	2015-11-07-72	HE/University of Delaware	Collaborative Research: Biological Cycling of Chlorine in Soils of the Arctic Coastal Plain	\$111,750	\$0	\$0			
73	2015-11-07-73	HE/University of Delaware	Collaborative Research: Advanced Biomanufacturing of Functional Bionanoparticles for Biomedical Engineering Applications	\$189,007	\$0	\$0			
74	2015-11-07-74	HE/University of Delaware	Preserving Plastics. Atmospheric Plasma Deposited Barrier Coatings to Prevent Plasticizer Leaching in Polymeric Cultural Artifacts	\$0	\$0	\$54,821			
75	2015-11-07-75	HE/University of Delaware	Modernizing Political Event Data for Big Data Social Science Research	\$0	\$0	\$31,453			
76	2015-11-07-76	HE/University of Delaware	US Students Participation of the 20th Course of IS CRA	\$10,000	\$0	\$0			
77	2015-11-07-77	HE/University of Delaware	Development of a Thermodynamically Consistent, Robust Model for Thixotropic Suspensions	\$200,309	\$0	\$0			
78	2015-11-07-78	HE/University of Delaware	Moment-Based Analysis Tools for Stochastic Hybrid Systems with Biological Applications	\$167,660	\$0	\$0			
79	2015-11-07-79	HE/University of Delaware	Wnt Inhibitory Nanoparticles for Treatment of Bone Metastatic Breast Cancer	\$0	\$0	\$227,437			
80	2015-11-07-80	HE/University of Delaware	UM/NSF NHERI Computational Modeling and Simulation Center	\$0	\$0	\$123,295			
81	2015-11-07-81	HE/University of Delaware	Collaborative Research: Development of Diels-Alder Chemistry for Preparation of Thermally Responsive Materials: Synthesis Guided by Simulations	\$114,595	\$0	\$0			
82	2015-11-07-82	HE/University of Delaware	Development of Molecular Simulation Techniques for Probing Solvent Effects in Polymer Films during Solvent Vapor Annealing	\$205,124	\$0	\$0			
83	2015-11-07-83	HE/University of Delaware	Collaborative Research: Environmental Science for Latino English Learners (ESLEL)Collaborative Research: Environmental Science for Latino English Learners (ESLEL)	\$0	\$0	\$135,458			
84	2015-11-07-84	HE/University of Delaware	Mapping of Bird Migration Stopover Sites in Canada	\$0	\$0	\$11,306			
85	2015-11-07-85	HE/University of Delaware	Association of University Centers on Disabilities/US Department of Health and Human Services Leadership Institute	\$0	\$0	\$60,138			
86	2015-11-07-86	HE/University of Delaware	Collaborative Research: An Experimental/Theoretical Program on Biomaterials for Gene Therapy	\$174,101	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
87	2015-11-07-87	HE/University of Delaware	Chalcogenide based Hybrid Polymers with High Refractive Index for IR Thermal Imaging	\$0	\$0	\$49,040			
88	2015-11-07-88	HE/University of Delaware	Spectral Graph Theory: Connections and Applications	\$34,784	\$0	\$0			
89	2015-11-07-89	HE/University of Delaware	Applications of Probability Theory to Problems in Combinatorics, Statistics and Algorithms	\$34,784	\$0	\$0			
90	2015-11-07-90	HE/University of Delaware	Simons FDN Singh 16	\$0	\$0	\$550,000			
91	2015-11-07-91	HE/University of Delaware	Hybrid Thermoplastic Matrix Fabrication Methods for Missile Structures	\$0	\$0	\$16,026			
92	2015-11-07-92	HE/University of Delaware	Investigating High-k Modes in Metamaterial Structures	\$304,096	\$0	\$0			
93	2015-11-07-93	HE/University of Delaware	Molecular Design Rules for Tailoring Dual Phase Transitions in Diblock Systems: Integrated Simulations and Experiments	\$366,004	\$0	\$0			
94	2015-11-07-94	HE/University of Delaware	Collaborative Research: Exploring New Design Principles of Capacitors by Tuning Graphene Oxide Structures	\$236,522	\$0	\$0			
95	2015-11-07-95	HE/University of Delaware	Simons FDN Jayaraman 16	\$0	\$0	\$550,000			
96	2015-11-07-96	HE/University of Delaware	Development of a Robust High Resolution Video System for Assessing Dredge Efficiency and Fin Fish Behavior	\$0	\$0	\$26,298			
97	2015-11-07-97	HE/University of Delaware	Minnesota State Contract Dozier 2015	\$0	\$0	\$675,000			
98	2015-11-07-98	HE/University of Delaware	Hostility, Marital Interaction, and Cancer Survivorship	\$0	\$0	\$38,345			
99	2015-11-07-99	HE/University of Delaware	OP: Mid-infrared Lasers on InP Substrates Using Bismuth-Containing Semiconductors	\$303,728	\$0	\$0			
100	2015-11-08-01	HE/University of Delaware	GOALI: Fundamental Approaches to Atomic Layer Etching	\$400,037	\$0	\$0			
101	2015-11-08-02	HE/University of Delaware	Prediction of Musculoskeletal Response to FES Intervention in Post-Stroke Gait	\$1,823,914	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
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102	2015-11-08-03	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	\$40,630	\$0	\$0			
103	2015-11-08-04	HE/University of Delaware	Collaborative Research: In-Band Full-Duplex Underwater Acoustic Networks	\$206,012	\$0	\$0			
104	2015-11-08-05	HE/University of Delaware	Photonically Enabled Radio-Frequency Transmitter for Space-Division Multiplexing	\$247,312	\$0	\$0			
105	2015-11-08-06	HE/University of Delaware	Doping, Defects, and Localization in Complex Materials	\$250,701	\$0	\$0			
106	2015-11-08-07	HE/University of Delaware	OP: Advanced Electro-Optic Modulators	\$248,659	\$0	\$0			
107	2015-11-08-08	HE/University of Delaware	New Materials and Structures by Depositing Covalently-Controlled Layers of Nanoparticles	\$280,202	\$0	\$0			
108	2015-11-08-09	HE/University of Delaware	Collaborative Research: Water-Mediated Transport of Ions and Molecules in Ionomeric Paint Films: An Integrated Multi-Technique Investigation	\$310,200	\$0	\$0			
109	2015-11-08-10	HE/University of Delaware	Data Structure-Driven Geometry and Topology Optimization Applied to Electromagnetics	\$192,272	\$0	\$0			
110	2015-11-08-11	HE/University of Delaware	Simons Investigators - Marianna Safronova	\$0	\$0	\$550,000			
111	2015-11-08-12	HE/University of Delaware	Collaborative Research: Wireless Implantable Bone Intramedullary Fluid Modulator (WiBi FM) for the Treatment of Osteoporosis and Fracture Repair	\$195,407	\$0	\$0			
112	2015-11-08-13	HE/University of Delaware	OP: Spatial and Spectral Control of Quantum Dot Single Photon Emitters for Scalable Photonic Devices	\$299,570	\$0	\$0			
113	2015-11-08-14	HE/University of Delaware	Infusing Computational Thinking into General Education	\$192,290	\$0	\$0			
114	2015-11-08-15	HE/University of Delaware	Collaborative Research: Binary Colloidal Nanocrystal Assemblies: From Classical Close Packing to Targeted Property Enhancement	\$41,060	\$0	\$0			
115	2015-11-08-16	HE/University of Delaware	Shipboard Scientific Support Equipment CY15 Supplement	\$5,200	\$0	\$0			
116	2015-11-08-17	HE/University of Delaware	Collaborative Research: Controlling Microstructure in Resilin-based Hydrogels: Linking Microscale Mechanical Properties to Behavior	\$286,536	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
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117	2015-11-08-18	HE/University of Delaware	INFEWS; SusChem: Biodegradable, Selective and Sensitive Nanoscale Sensors for the Pre-Emptive Detection of Phosphorous and Nitrogen Containing Species in Open and Ground Water	\$334,976	\$0	\$0			
118	2015-11-08-19	HE/University of Delaware	Enhancing Sensitivity and Selectivity of Quantitative SPR Analyses	\$346,475	\$0	\$0			
119	2015-11-08-20	HE/University of Delaware	Search for the Sources of the Highest Energy Neutrinos	\$186,933	\$0	\$0			
120	2015-11-08-21	HE/University of Delaware	CDS&E: System Software Solutions to Unlock the Power of Big Data and Analytics in Ecoinformatics	\$337,987	\$0	\$0			
121	2015-11-08-22	HE/University of Delaware	Collaborative Research: Tunable, Self-Assembling Peptide Hydrogels for Selective Transport and Delivery	\$172,185	\$0	\$0			
122	2015-11-08-23	HE/University of Delaware	Reducing the Incidence of Secondary Knee Osteoarthritis - The Risk-OA Trial	\$487,807	\$0	\$0			
123	2015-11-08-24	HE/University of Delaware	Investigation of Phonon Interactions with Embedded Nanoparticles	\$248,843	\$0	\$0			
124	2015-11-08-25	HE/University of Delaware	Simons Driscoll Math+X Investigators	\$0	\$0	\$1,250,000			
125	2015-11-08-26	HE/University of Delaware	Autocrine/Paracrine Stimulatory Mechanisms of Glioblastoma Stem Cells	\$1,287,031	\$0	\$0			
126	2015-11-08-27	HE/University of Delaware	How do Discussions and Reflections on Video Clips Develop Graduate Teaching Assistants' Mathematical Knowledge for Teaching, Assumptions, and Beliefs?	\$0	\$0	\$50,000			
127	2015-11-08-28	HE/University of Delaware	Collaborative Project: Nonbiological Assemblies With Chemical Cross-Linkers	\$325,968	\$0	\$0			
128	2015-11-08-29	HE/University of Delaware	Collaborative Research: Underwater Acoustic Communications Using Analog Joint Source-Channel Coding	\$240,996	\$0	\$0			
129	2015-11-08-30	HE/University of Delaware	Collaborative Research: Direct and Inverse Problems in Trabecular and Cortical Bone	\$73,005	\$0	\$0			
130	2015-11-08-31	HE/University of Delaware	Polar (NSF 15-114): Using Polar Science Data to Evaluate Media Claims in the Undergraduate Classroom	\$189,636	\$0	\$0			
131	2015-11-08-32	HE/University of Delaware	GOALI: Directed Self-Assembly of Linear and Star Block Copolymer Thin Films - Oriented Nanostructures with Reduced Feature Sizes via Raster Annealing	\$244,884	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
132	2015-11-08-33	HE/University of Delaware	Bridge to the Doctorate: The Greater Philadelphia Region (Cohort XIV) Project at the University of Delaware	\$1,056,000	\$0	\$0			
133	2015-11-08-34	HE/University of Delaware	Electronic Characterization of Nanostructured Semiconductors by Ultrafast Luminescence Imaging	\$249,309	\$0	\$0			
134	2015-11-08-35	HE/University of Delaware	Sulfur-Aromatic and Selenium-Aromatic Interactions in Peptides and Proteins	\$337,950	\$0	\$0			
135	2015-11-08-36	HE/University of Delaware	White Clay Creek National Wild & Scenic River Watershed Mgmt Plan Implementation	\$0	\$0	\$8,000			
136	2015-11-08-37	HE/University of Delaware	Vascular Effects of Dietary Salt in Humans with Salt-Resistant BP	\$1,872,468	\$0	\$0			
137	2015-11-08-38	HE/University of Delaware	Venturewell Spin in Weir	\$0	\$0	\$30,000			
138	2015-11-08-39	HE/University of Delaware	Penetration Mechanics Modeling of GE-Aviation Woven Carbon Fabric Composites Using LS-DYNA MAT162	\$0	\$0	\$64,101			
139	2015-11-08-40	HE/University of Delaware	Design of Multi-Functional SplitCore HBV Capsids for Precisely Controlled Multi-siRNA Delivery in Cancer Therapeutics	\$372,215	\$0	\$0			
140	2015-11-08-41	HE/University of Delaware	The World in a River: NGSS Earth Science Investigations for Pre- Service Elementary Teachers	\$192,256	\$0	\$0			
141	2015-11-08-42	HE/University of Delaware	NSF Collaborative Research: Merging Nanotechnology and Immunology for the Localization of Biological Materials in Multi-Layer Paint Systems from Artworks	\$52,638	\$0	\$0			
142	2015-11-08-43	HE/University of Delaware	Controlled Synthesis of the L10 Structure for Stroner Mn-Al Permanent Magnets	\$309,860	\$0	\$0			
143	2015-11-08-44	HE/University of Delaware	Geologic Map of the Saint Georges Quadrangle and the Eastern Portion of the Elkton Quadrangle, Delaware	\$170,715	\$0	\$0			
144	2015-11-08-45	HE/University of Delaware	Breast Displacement Studies with STF/Reebok	\$0	\$0	\$27,347			
145	2015-11-08-46	HE/University of Delaware	Assessing the Impact of Behavior, Information, and Institutions on Bycatch Avoidance	\$169,027	\$0	\$0			
146	2015-11-08-47	HE/Delaware State University	Differential Alpha-Synuclein Interactions Mediate Parkinsons Signaling	\$138,000	\$0	\$0			



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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
147	2015-11-08-48	HE/Delaware State University	Collaborative Research: Catalytic Tuning of the Kinetics and Thermodynamics of Complex Hydrides: An Experimental and Theoretical Study	\$232,033	\$0	\$0			
148	2015-11-08-49	HE/Delaware State University	DSU SNAP Ed	\$254,368	\$0	\$0			
149	2015-11-08-50	HE/Delaware State University	Collaborative Research: Digitization TCN: The Mid-Atlantic Megalopolis: Achieving a greater scientific understanding of our urban world.	\$97,123	\$0	\$0			
150	2015-11-08-51	HE/Delaware State University	Development and Validation of Image Registration Techniques for Remotely Sensed Earth Imagery	\$21,179	\$0	\$0			
151	2015-11-08-52	HE/Delaware State University	Small Business Development Center- Year 3		\$0	\$27,392			
152	2015-11-08-53	HE/Delaware State University	Mechanisims of Adaptive Modulation of Intrinsic Properties of Motoneurons	\$915,795	\$0	\$0			