Delaware State Clearinghouse Committee

Revised December Agenda

Meeting to be Held Virtually - Anchor Location 411 Legislative Ave., Legislative Hall, Joint Finance Committee Meeting Room, Dover, DE 19901

December 16, 2025 @ 10:00am

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Federal	Positions State	Other
New Bu	ısiness*	_							
1	<u>6981</u>	Executive, Criminal Justice, Criminal Justice Council	Community Oriented Policing Services Accreditation Grant	\$300,000	\$0	\$0	0.14	0.00	0.00
2	<u>6978</u>	Department of Health and Social Services, Public Health Community Health	Rural Health Transformation Program	\$1,000,000,000	\$0	\$0	0.00	0.00	0.00
3	6973	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	State and Interstate Aquatic Nuisance Species Plan	\$72,570	\$24,190	\$0	0.13	0.15	0.00
4	2025-09-11-01	Red Clay School District	Opioid Recovery Trust Grant	\$0	\$0	\$500,000	0.00	0.00	0.00
5	<u>6968</u>	Department of Health and Social Services, Medicaid and Medical Assistance	Juvenile Justice	\$1,003,448	\$0	\$0	0.00	0.00	0.00
Continu	ıed	_							
1	6940	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$243,862	\$81,287	\$0	0.22	0.06	0.00
2	<u>6955</u>	Executive, Criminal Justice, Criminal Justice Council	Services-Training-Officers-Prosecutors (STOP) Violence Against Women Act Formula Grant Program	\$1,028,848	\$159,375	\$144,611	2.28	0.76	0.00
3	<u>6990</u>	Legal, Department of Justice	Internet Crimes Against Children	\$374,477	\$0	\$0	2.00	0.00	0.00
4	<u>6910</u>	Department of Health and Social Services, Public Health, Community Health	Delaware Public Water System Supervision	\$647,849	\$518,572	\$0	7.50	5.90	0.00
5	6946 Amendment	Department of Health and Social Services, Division of Health Care Quality	Centers for Medicare and Medicaid Services Survey and Certification - Hospice	\$13,471	\$0	\$0	0.00	0.00	0.00
6	<u>6959</u>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children (WIC) Farmers' Market Nutrition Program - Administration	\$17,976	\$30,706	\$0	0.00	0.34	0.00
7	6960	Department of Health and Social Services, Public Health, Community Health	Women, Infants, and Children (WIC) Farmers' Market Nutrition Program - Food	\$87,767	\$0	\$0	0.00	0.00	0.00
8	6969	Department of Health and Social Services, Public Health, Community Health	Delaware Perinatal Cooperative	\$200,000	\$0	\$0	0.00	0.00	0.00
9	6989	Department of Health and Social Services, Public Health, Community Health	Preventive Health and Health Services Block Grant	\$329,926	\$0	\$0	0.00	0.00	0.00
10	<u>6965</u>	Department of Services for Children, Youth and Their Families, Family Services, Intervention/Treatment	Adoption Incentive Payment Program	\$261,000	\$0	\$0	0.00	0.00	0.00
11	<u>6967</u>	Department of Natural Resources and Environmental Control, Watershed Stewardship	Shellfish Training, Administration of Food and Drug Officials Travel Grant	\$7,263	\$0	\$0	0.00	0.00	0.00
12	6964	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Dislocated Worker	\$2,264,995	\$0	\$0	12.88	0.00	0.00
13	6966	Department of Labor, Employment and Training, Employment and Training Services	Workforce Innovation and Opportunity Act - Adult	\$3,056,641	\$0	\$0	11.32	0.00	0.00
14	6988	Department of Agriculture, Forest Service	Forest Consolidated Payment Grant	\$657,118	\$609,286	\$47,832	4.00	5.24	0.00
15	<u>6995</u>	Department of Education, Early Childhood Support	Preschool Development Grant	\$11,503,500	\$3,451,050	\$0	0.00	0.00	0.00

Higher Education

1	6980	Delaware Technical Community College	Delaware INBRE	\$204,000	\$0	\$0
2	2025-11-29-02	University of Delaware	Sources of Processing Asymmetry in Alternative Word Order Sentences	\$6,536	\$0	\$0
3	2025-11-29-03	University of Delaware	CIFAR Humans & the Microbiome Program 2025-2026	\$0	\$0	\$22,085
4	2025-11-29-04	University of Delaware	Toward Resistance: Molecular and Genetic Bases of Host-Pathogen Interactions During Early Infection of Pythium Root Rot in Maize	\$642,524	\$0	\$0
5	2025-11-29-05	University of Delaware	Astazeneca Biopharmaceutical Innovation 4+1 Program	\$0	\$0	\$409,775
6	2025-11-29-06	University of Delaware	Building a Comprehensive Network for Farm and Ranch Stress Assistance in the NE	\$0	\$0	\$119,253
7	2025-11-29-07	University of Delaware	NIIMBL Global Health Partner Support	\$0	\$0	\$1,363,636
8	2025-11-29-08	University of Delaware	Adventitious Agent Testing with NGS	\$0	\$0	\$1,363,636
9	2025-11-29-09	University of Delaware	Center of Biomedical Research Excellence in Cardiovascular Health - Phase 3	\$3,750,000	\$0	\$0
10	2025-11-29-10	University of Delaware	Braven, Inc. Public Ally Partner Organization	\$0	\$0	\$22,500
11	2025-11-29-11	University of Delaware	Collaborative Research: Predictive Modeling of Coupled Nanoparticle Membrane Mechanics as Determinants of Endocytic Pathways	\$203,819	\$0	\$0
12	2025-11-29-12	University of Delaware	Mechanisms of Brain Mechanics Across Development in a Rat Model of FASD	\$2,253,250	\$0	\$0
13	2025-11-29-13	University of Delaware	Introduction to Contemporary English Language Teaching Methods - Winter/Spring/Summer 2026 Instructional Services	\$0	\$0	\$195,107
14	2025-11-29-14	University of Delaware	Documenting Dairy Farms in Northern Maryland Phase 4	\$0	\$0	\$26,087
15	2025-11-29-15	University of Delaware	Bioengineering Stratified Cartilage Through Bioinspired Matrix Stiffening	\$0	\$0	\$246,985
16	2025-11-29-16	University of Delaware	Investigating the Impact of Nanoplastics on the Poultry Reproductive Microbiome	\$454,879	\$0	\$0
17	2025-11-29-17	University of Delaware	Delaware Sea Grant Omnibus Mid-Cycle Research Projects 2026-2027	\$1,147,720	\$0	\$0
18	2025-11-29-18	University of Delaware	Magnonic Straintronics: Strain Engineering of Magnonic Hybrid Systems	\$381,800	\$0	\$0
19	2025-11-29-19	University of Delaware	NIFA USDA Hatch Multistate FY26	\$548,128	\$0	\$0
20	2025-11-29-20	University of Delaware	Smith-Lever Act Capacity Grant FY2026	\$1,446,288	\$0	\$0
21	2025-11-29-21	University of Delaware	Al-Enabled Microrobotic Platform for Autonomous Navigation and Targeting in Vasculature	\$275,000	\$0	\$0
22	2025-11-29-22	University of Delaware	NIFA Hatch Regular Bowman 26	\$1,185,706	\$0	\$0
23	2025-11-29-23	University of Delaware	Partnership: Improving Oak Forest Productivity: Seed Source Selection Based on Physiological Responses Across Environmental Gradients	\$706,326	\$0	\$0
24	2025-11-29-24	University of Delaware	From Migration to Microbes: Multi-Scale Drivers of Resistance and Biological Control in the Diamondback Moth	\$0	\$0	\$139,965
25	2025-11-29-25	University of Delaware	Predictive Ultrafast Low-Rank Simulations Via Embedded Tensor Networks	\$0	\$0	\$28,183

26	2025-11-29-26	University of Delaware	Characterizing the Mechanisms of Fungal Inhibition, Root Growth, and Adaptation to Tomato in the Potential Biocontrol Bacterium, Bacillus Velezensis	\$486,295	\$0	\$0
27	2025-11-29-27	University of Delaware	Improving Livestock Gut Health and Feed Efficiency Via Ultrasonic Cryo-Spray Drying and Feed Processing Optimization	\$210,011	\$0	\$0
28	2025-11-29-28	University of Delaware	Circuits and Mechanisms Through Which Basal Forebrain Cholinergic Neurons Facilitate Fear Extinction	\$2,187,675	\$0	\$0
29	2025-11-29-29	University of Delaware	Chronic Low Back Pain in Older Adults: The Role of Co-Existing Hip Impairments	\$8,346,645	\$0	\$0
30	2025-11-29-30	University of Delaware	Propel: Strengthening Biomanufacturing Through Mobile Labs for Technology and Workforce Advancement	\$13,125,000	\$0	\$0
31	2025-11-29-31	University of Delaware	Collaborative Research: CPS-FR: Embodied Intelligent Agents, Multimodal Al, and Quantitative Ethnography for Training Geriatric Caregiving Communities	\$296,082	\$0	\$0
32	2025-11-29-32	University of Delaware	Time Restricted Eating for Dysregulated Eating Among Emerging Adult Women: A Single-Armed Mechanistic Clinical Trial	\$1,557,417	\$0	\$0
33	2025-11-29-33	University of Delaware	Understanding Chicken Gut Health: Quantifying Early-Life Stress Damage and In-Ovo Gains In Broiler Barrier, Nutrient Sensing, and Transport	\$209,346	\$0	\$0
34	2025-11-29-34	University of Delaware	Assessing the Effects of Soil Amendment and Subsoiling on Compacted Urban Land in the District of Columbia	\$0	\$0	\$30,840
35	2025-11-29-35	University of Delaware	Safeguarding Broiler Nutrient Efficiency Under Nanoplastic Stress ADME Mapping, Chronic Impacts, and Nanocurcumin Feed Mitigation	\$449,341	\$0	\$0
36	2025-11-29-36	University of Delaware	Decoupled Energy Cascades of Plasma Turbulence in the Presence of Compression and Anisotropy	\$383,528	\$0	\$0
37	2025-11-29-37	University of Delaware	Collaborative Research: NSF-BSF: Transforming the Design of Robot Navigation Functions with Targeted Machine Learning Interventions	\$292,563	\$0	\$0
38	2025-11-29-38	University of Delaware	Planting Timing Interactions with Nitrogen and Sulfur Availability	\$0	\$0	\$12,899
39	2025-11-29-39	University of Delaware	Developing Local Capacity for Curriculum-Based Coaching in Elementary Mathematics	\$592,764	\$0	\$0
40	2025-11-29-40	University of Delaware	Al-Supported P-PBL	\$381,182	\$0	\$0
41	2025-11-29-41	University of Delaware	Developing a Personalizable Intervention for Sentence Comprehension in Kids with Developmental Language Disorders	\$2,883,404	\$0	\$0
42	2025-11-29-42	University of Delaware	Electrification/V2X Standards and Open Source Efforts for the North American (and Japan) Charging System	\$0	\$0	\$62,500
43	2025-11-29-43	University of Delaware	Is Therapeutic Exercise Beneficial for Articular Cartilage and Subchondral Bone in Adults with Advanced Knee Osteoarthritis?	\$620,805	\$0	\$0
44	2025-11-29-44	University of Delaware	Novel Interaction at the Protei Level Between Six1 and Notch Signaling Mediated by Hey factors	\$1,250,000	\$0	\$0
45	2025-11-29-45	University of Delaware	Minor Consent Laws and Adolescent Access to Mental Health and Substance Use Treatment	\$2,814,651	\$0	\$0
46	2025-11-29-46	University of Delaware	Guiding Innate Signaling in Skin with Microneedle Arrays to Romote Duable Antigen-Specific Tolerance During Autoimmunity	\$0	\$0	\$255,575
47	2025-11-29-47	University of Delaware	Impairment-Based Low Back Pain Subgrouping to Develop Personalized Care Pathways	\$2,499,995	\$0	\$0
48	2025-11-29-48	University of Delaware	Utilizing Laser Induced Breakdown Spectroscopy (LIBS) for Soil Fertility Analysis	\$0	\$0	\$49,428
49	2025-11-29-49	University of Delaware	Are Interventions Supporting Physical Activity Modified by the Environment (InSPACE)	\$0	\$0	\$375
50	2025-11-29-50	University of Delaware	Expanding Awareness of Pasture, Rangeland and Forage Rainfall Index Insurance in the Midwest	\$0	\$0	\$16,835

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74	2025-11-29-74	University of Delaware
75	2025-11-29-75	University of Delaware

Educating Western Producers About Interval Choices and Basis Risk in the Pasture, Rangeland and Forage Rainfall Index Insurance Program	\$0	\$0	\$9,642
Bermuda Offshore Wind Farm Seabed Characterization.	\$0	\$0	\$1,041,321
Creating New Tactile Sensations for Tactile Aids with Designer Materials	\$1,919,366	\$0	\$0
Unraveling the Nature of Compressible Plasma Turbulence: Theory, Simulation, and Space Observations	\$0	\$0	\$80,912
Probiotic Encapsulation and Delivery Using Modular Microgels to Promote Diabetic Wound Healing	\$2,985,735	\$0	\$0
Using Wearable Artificial Intelligence to Strengthen Ambulatory Assessments of Daily Stress Experiences in Naturalistic Environments	\$444,513	\$0	\$0
Systems-Level Regulation Of Post-Hatch Growth: Integrating Networks Between The Chicken Liver And Breast Muscle	\$453,444	\$0	\$0
Salt Squeeze of Mid-Atlantic Wetlands: Comparative Assessment of the Effects of Road Salt Versus Seawater Salinization on Nitrogen (N) Removal	\$236,422	\$0	\$0
Rethinking Rotations: Integrated Management Strategies for Reduction of Fusarium Head Blight and Mycotoxin Levels in Wheat	\$0	\$0	\$12,962
Collaborative Research: Computational and Mathematical Modeling for Efficient Design of Integrated Energy Micro-Generators	\$215,490	\$0	\$0
Co-Designed mHealth Intervention to Enhance Physical Activity and Psychosocial Health in Families with Autistic Youth	\$0	\$0	\$5,000
Phase V - Biochar Amendment of Bioretention and Highway Greenspace Study MOU	\$0	\$0	\$121,102
A New Paradigm for Transfer Learning, with Application to Predicting Residue Contact in Proteins	\$0	\$0	\$100,000
Collaborative Research: Spectroscopic Characterization of OBA Stars with Presumably Rotationally-Modulated Light Curves	\$48,780	\$0	\$0
Collaborative Research: Evolutionary Pathways for Magnetic Massive Stars	\$321,450	\$0	\$0
Delaware Apex FY27 Bowman	\$382,522	\$0	\$0
Struggling Citizens: What Mental Health Professionals Can Teach Us About Political Conflict in America	\$0	\$0	\$199,819
Community Engagement to Support Land Use Reform in Delaware	\$0	\$0	\$37,875
Glial and Neuronal Structure and Function in Developmental Stuttering-Related Gnptab Mouse Model	\$275,000	\$0	\$0
Catalyzing Al Challenge Teams in the Mid-Atlantic Region	\$17,707	\$0	\$0
Collaborative Research: WoU-MMA: IceCube Data Analysis in the U.S. 2026-2029	\$389,009	\$0	\$0
Vera Rubin Observatory: Multi-Messenger Science Enabled by the Implementation of Community-Driven Strategies and Coordinated Follow-up Observations	\$0	\$0	\$51,856
A Critical, Ecological Perspective on Wallace Foundation Research Production, Diffusion, and Use	\$0	\$0	\$28,696
DSFAS-CIN-FM: Automating HPAI Risk Assessments Using Waterfowl Modeling and Multimodal AI for Commercial Poultry and Dairy Farmers in the U.S.	\$0	\$0	\$202,474
Quantifying the Nitrogen Value and Yield Benefits of Manure to Improve Sustainable Cropping in the Northeast	\$267,387	\$0	\$0

76	2025-11-29-76	University of Delaware	Delaware's Quality Improvement System (QIS) for Early Care & Education Programs	\$0	\$0	\$68,000
77	2025-11-29-77	University of Delaware	AAP/CDC Ambassador 24-26 Supplemental	\$0	\$0	\$11,085
78	2025-11-29-78	University of Delaware	Change in Contraceptive Behavior and Associated Pregnancy Intentions About Births Following the Dobbs Decision	\$336,603	\$0	\$0
79	2025-11-29-79	University of Delaware	TIS Knotted Belly Bind Wearable	\$0	\$0	\$3,000
80	2025-11-29-80	University of Delaware	Examining Undergraduate Black Men's Discriminatory Interactions with College Career Services Staff Members at Historically White Institutions	\$0	\$0	\$3,000
81	2025-11-29-81	University of Delaware	Using Longitudinal Research to Engage Youth in the HIV Prevention and Care Continua and Reduce HIV/AIDS-Related Disparities	\$0	\$0	\$185,564
82	2025-11-29-82	University of Delaware	Collaborative Research: WoU-MMA: RNO-G Data Analysis in the U.S. 2026-2029	\$228,760	\$0	\$0
83	2025-11-29-83	University of Delaware	WoU-MMA: Scrutinizing Galactic Cosmic Rays by Combining Radio and Muon Detection at the Pierre Auger Observatory	\$629,937	\$0	\$0
84	2025-11-29-84	University of Delaware	WoU-MMA:Exploring the Extreme Universe with Imaging Atmospheric Cherenkov Telescopes	\$633,368	\$0	\$0
85	2025-11-29-85	University of Delaware	Delaware's Quality Improvement System (QIS) for Early Care & Education Programs	\$0	\$0	\$254,400
86	2025-11-29-86	University of Delaware	NOAA NWS National Mesonet Program 2021 - Amend 13	\$0	\$0	\$69,599
87	2025-11-29-87	University of Delaware	Democratizing Multimodal Social Media Research with Human-Centered Agentic Al	\$0	\$0	\$70,000
88	2025-11-29-88	University of Delaware	Parkinson's Disease Telehealth Clinic 2026	\$0	\$0	\$24,000
89	2025-11-29-89	University of Delaware	Robust Finite Element Discretization for Convection Dominated Problems Using Novel Bubble Upwinding Strategies	\$215,093	\$0	\$0
90	2025-11-29-90	University of Delaware	Enhancing the Future of Recreational Fishing in the Mid-Atlantic Region through Enhanced Fish Passage	\$62,025	\$0	\$0
91	2025-11-29-91	University of Delaware	A Predictive Turbulent Mix Model for Magnetized High-Energy-Density Plasmas	\$293,603	\$0	\$0
92	2025-11-29-92	University of Delaware	Exploring the Nature of Magnetic Reconnection in Turbulent Plasmas	\$360,200	\$0	\$0
93	2025-11-29-93	University of Delaware	Establishing the Science Behind Alzheimer's Recruitment Registries: Opportunities for Increasing Diversity and Accelerating Enrollment into Trials	\$0	\$0	\$227,736
94	2025-11-29-94	University of Delaware	Collaborative Research: Moment-Enhanced Shallow Water Models for Free Surface Flows	\$152,876	\$0	\$0
95	2025-11-29-95	University of Delaware	Category III: Citadel-P: Cyberinfrastructure for Intelligent, Trustworthy, Autonomous, and Efficient Data Lifecycle Management Keyword: Citadel-P	\$0	\$0	\$38,406
96	2025-11-29-96	University of Delaware	Remaking the World of Arturo Schomburg	\$0	\$0	\$99,097
97	2025-11-29-97	University of Delaware	Linking Marsh Migration and Sulfurization to Carbon Burial in Transgressive Salt Marshes	\$478,084	\$0	\$0
98	2025-11-29-98	University of Delaware	Development of High-Precision Atomic Methods and New Physics Searches	\$286,868	\$0	\$0
99	2025-11-29-99	University of Delaware	Determination of a New Litter Amendment on Ammonia Control in Broiler Houses Under Winter Conditions	\$0	\$0	\$31,321
100	2025-11-30-01	University of Delaware	Probing Environmental Macro-to-Molecular Drivers of Aggressive Breast Cancers for More Effective Therapeutic Strategies	\$3,074,686	\$0	\$0

101	2025-11-30-02	University of Delaware	UR2PhD: Undergraduate Research to PhD National Mentoring Program	\$0	\$0	\$29,320
102	2025-11-30-03	University of Delaware	Open Quantum System Treatment of Ultralight Dark Matter Detection	\$280,931	\$0	\$0
103	2025-11-30-04	University of Delaware	Advancing Soft Material Characterization: A Software Platform for Small-Angle Scattering Data Analysis	\$302,547	\$0	\$0
104	2025-11-30-05	University of Delaware	Amendment 2/SANOFI LNP Project	\$0	\$0	\$37,500
105	2021-11-06-01 Amendment	Delaware State University	Clinically Interpretable Multimodal Prediction of ICU Outcomes Using Structured and Unstructured EHR Data	\$50,000	\$0	\$0
106	2022-02-05-05 Amendment	Delaware State University	Predicting Opioid Consumption Patterns Among People Seeking Treatment for Substance Use Disorders / AMEND	\$49,409	\$0	\$0
107	2025-09-05-01 Amendment	Delaware State University	INBRE V (Federal)	\$117,815	\$0	\$0
108	2025-12-01-01	Delaware State University	Exploring the Potential Use of Njangsa (Ricinodendron heudelotii) Oil Seeds in Poultry Diets to Enhance Poultry Health and Product Quality	\$650,000	\$0	\$0
109	2025-12-01-02	Delaware State University	Infusing Neuroscience-Informed Argumentation to Enhance Engagement and Retention in Introductory Biology at Delaware State University	\$399,744	\$0	\$0
110	2025-12-01-03	Delaware State University	aiNsect - Volatile-Guided, Al-Enabled Pest Management in Diversified Berry Systems	\$750,000	\$0	\$0
111	2025-12-01-04	Delaware State University	Developing an Innovative Research Approach to Understanding Functional Genomics in Plant Abiotic and Biotic Stresses at Delaware State University	\$749,722	\$0	\$0
112	2025-12-01-05	Delaware State University	Touch, Listen and Learn: Developing a New Method for Testing Blind Infants	\$25,000	\$0	\$0
113	2025-12-01-06	Delaware State University	NCAA Accelerating Academic Success Program - Single Year Grant: DSU Athletics Academic Support Area	\$116,634	\$0	\$0

Revised 12/12/2025

Join Zoom Meeting

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